

## **APPENDIX I**

# **DETAILED STATISTICAL MODELING RESULTS OF RESIDENTIAL FLOOR LEAD LEVELS**

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**Table I1. Post-Work Work Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept		7.02	0.49	5	<0.01	.	unit_id	0.02	756.34
	Intensity level	1-High	0.99	0.46	145	0.03	<0.01	room_id(unit_id)	2.24	.
		2-Medium	3.49	0.47	145	<0.01		experiment_number	0.53	.
		3-Low	0.00	.	.	.		Residual	2.17	.
Objective 1: Model 2	Intercept		6.88	0.38	15	<0.01	.	room_id(unit_id)	0.12	726.68
	Job type	I1-Cut Outs	-0.98	0.52	145	0.06	<0.01	experiment_number	0.49	.
		I2-Replace Windows	1.39	0.54	145	0.01		Residual	2.17	.
		I3-Scrape Surface	1.10	0.55	145	0.05			.	.
		I4-Scrape Door	3.61	0.53	145	<0.01			.	.
		I6-Heat gun over 1100 degrees	3.04	0.55	145	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 3	Intercept		6.15	0.54	15	<0.01	.	room_id(unit_id)	1.23	755.49
	Square feet disturbed		-0.01	0.01	144	0.34	0.34	experiment_number	0.47	.
	Avg. paint lead		0.30	0.08	144	<0.01	<0.01	Residual	2.17	.
	Intensity level	1-High	1.52	0.71	144	0.03			.	.
		2-Medium	3.73	0.60	144	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 4	Intercept		6.07	0.86	10	<0.01	.	unit_id	0.12	731.71
	Square feet disturbed		0.01	0.01	144	0.58	0.58	experiment_number	0.42	.
	Avg. paint lead		0.15	0.07	144	0.04	0.04	Residual	2.17	.
	Job type	I1-Cut Outs	-0.73	0.77	144	0.35	<0.01		.	.
		I2-Replace Windows	1.60	0.85	144	0.06			.	.
		I3-Scrape Surface	0.94	0.64	144	0.14			.	.
		I4-Scrape Door	3.69	0.62	144	<0.01			.	.
	I6-Heat gun over 1100 degrees	2.48	0.62	144	<0.01			.	.	
I7-Kitchen	0.00	.	.	.			.	.		

**Table I2. Post-Work Tool Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 5	Intercept		3.72	0.56	5	<0.01	.	unit_id	1.79	328.14
	Intensity level	1-High	0.15	0.47	48	0.76	<0.01	room_id(unit_id)	0.27	
		2-Medium	2.04	0.47	48	<0.01	experiment_number	0.74		
		3-Low	0.00				Residual	0.90		
Objective 1: Model 6	Intercept		3.31	0.51	5	<0.01	.	unit_id	1.46	306.47
	Job type	I1-Cut Outs	0.47	0.53	48	0.38	<0.01	room_id(unit_id)	0.09	
		I2-Replace Windows	1.07	0.60	48	0.08		experiment_number	0.40	
		I3-Scrape Surface	0.79	0.69	48	0.26		Residual	0.90	
		I4-Scrape Door	3.56	0.56	48	<0.01				
		I6-Heat gun over 1100 degrees	2.16	0.72	48	<0.01				
		I7-Kitchen	0.00							
Objective 1: Model 7	Intercept		3.11	0.61	5	<0.01	.	unit_id	1.16	334.59
	Square feet disturbed		0.00	0.01	48	0.78	0.78	room_id(unit_id)	0.25	
	Avg. paint lead		0.17	0.09	48	0.06	0.06	experiment_number	0.80	
	Intensity level	1-High	0.46	0.78	48	0.56	<0.01	Residual	0.90	
		2-Medium	2.22	0.65	48	<0.01				
	3-Low	0.00								
Objective 1: Model 8	Intercept		1.60	0.95	5	0.15	.	unit_id	1.25	311.70
	Square feet disturbed		0.03	0.02	48	0.07	0.07	room_id(unit_id)	0.08	
	Avg. paint lead		0.05	0.07	48	0.49	0.49	experiment_number	0.37	
	Job type	I1-Cut Outs	1.48	0.78	48	0.07	<0.01	Residual	0.90	
		I2-Replace Windows	2.20	0.90	48	0.02				
		I3-Scrape Surface	0.36	0.71	48	0.62				
		I4-Scrape Door	4.07	0.64	48	<0.01				
I6-Heat gun over 1100 degrees		1.69	0.73	48	0.02					
I7-Kitchen		0.00								

**Table I2. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 9	Intercept		3.98	0.59	5	<0.01	.	unit_id	1.85	325.99
	Plastic	1-yes	-0.56	0.35	48	0.12	0.12	room_id(unit_id)	0.32	.
		2-no	0.00	.	.	.	.	experiment_number	0.67	.
	Intensity level	1-High	0.15	0.46	48	0.74	<0.01	Residual	0.90	.
		2-Medium	2.18	0.46	48	<0.01	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 10	Intercept		3.51	0.53	5	<0.01	.	unit_id	1.47	305.03
	Plastic	1-yes	-0.43	0.30	48	0.16	0.16	room_id(unit_id)	0.12	.
		2-no	0.00	.	.	.	.	experiment_number	0.37	.
	Job type	11-Cut Outs	0.45	0.52	48	0.40	<0.01	Residual	0.90	.
		12-Replace Windows	1.08	0.60	48	0.08	.	.	.	.
		13-Scrape Surface	0.93	0.69	48	0.18	.	.	.	.
		14-Scrape Door	3.60	0.56	48	<0.01	.	.	.	.
		16-Heat gun over 1100 degrees	2.16	0.71	48	<0.01	.	.	.	.
		17-Kitchen	0.00	.	.	.	.	.	.	.

**Table I3. Post-Work Observation Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 11	Intercept		2.47	0.49	10	<0.01	.	unit_id	1.14	304.35
	Intensity level	1-High	0.12	0.48	48	0.81	<0.01	experiment_number	1.05	
		2-Medium	1.99	0.47	48	<0.01		Residual	0.57	
		3-Low	0.00							
Objective 1: Model 12	Intercept		2.04	0.43	10	<0.01	.	unit_id	0.37	285.78
	Job type	I1-Cut Outs	0.20	0.57	48	0.73	<0.01	experiment_number	0.86	
		I2-Replace Windows	0.82	0.60	48	0.17		Residual	0.57	
		I3-Scrape Surface	1.14	0.64	48	0.08				
		I4-Scrape Door	3.35	0.59	48	<0.01				
		I6-Heat gun over 1100 degrees	2.05	0.66	48	<0.01				
		I7-Kitchen	0.00							
Objective 1: Model 13	Intercept		1.28	0.45	15	0.01	.	room_id(unit_id)	0.41	300.55
	Square feet disturbed		-0.01	0.01	48	0.53	0.53	experiment_number	0.80	
	Avg. paint lead		0.33	0.07	48	<0.01	<0.01	Residual	0.57	
	Intensity level	1-High	0.68	0.66	48	0.30	<0.01			
		2-Medium	2.52	0.59	48	<0.01				
	3-Low	0.00								
Objective 1: Model 14	Intercept		0.41	0.88	10	0.65	.	unit_id	0.25	285.29
	Square feet disturbed		0.02	0.02	48	0.18	0.18	experiment_number	0.67	
	Avg. paint lead		0.20	0.07	48	<0.01	<0.01	Residual	0.57	
	Job type	I1-Cut Outs	0.88	0.79	48	0.27	<0.01			
		I2-Replace Windows	1.36	0.86	48	0.12				
		I3-Scrape Surface	0.81	0.66	48	0.23				
		I4-Scrape Door	3.61	0.63	48	<0.01				
		I6-Heat gun over 1100 degrees	1.23	0.65	48	0.06				
	I7-Kitchen	0.00								

**Table I3. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 15	Intercept		2.86	0.51	10	<0.01	.	unit_id	1.21	298.81
	Plastic	1-yes	-0.86	0.35	48	0.02	0.02	experiment_number	0.88	.
		2-no	0.00	.	.	.	.	Residual	0.57	.
	Intensity level	1-High	0.12	0.45	48	0.78	<0.01	.	.	.
		2-Medium	2.14	0.44	48	<0.01	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 16	Intercept		2.44	0.44	10	<0.01	.	unit_id	0.38	280.39
	Plastic	1-yes	-0.78	0.31	48	0.02	0.02	experiment_number	0.72	.
		2-no	0.00	.	.	.	.	Residual	0.57	.
	Job type	11-Cut Outs	0.16	0.54	48	0.77	<0.01	.	.	.
		12-Replace Windows	0.82	0.56	48	0.15	.	.	.	.
		13-Scrape Surface	1.25	0.62	48	0.05	.	.	.	.
		14-Scrape Door	3.38	0.56	48	<0.01	.	.	.	.
		16-Heat gun over 1100 degrees	2.00	0.63	48	<0.01	.	.	.	.
		17-Kitchen	0.00	.	.	.	.	.	.	.
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**Table I4. Post-Cleaning Work Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 17	Intercept		3.42	0.44	5	<0.01	.	unit_id	0.14	529.65
	Intensity level	1-High	0.64	0.41	144	0.12	<0.01	room_id(unit_id)	1.44	.
		2-Medium	1.76	0.42	144	<0.01	.	experiment_number	0.74	.
		3-Low	0.00	.	.	.	.	Residual	0.50	.
Objective 1: Model 18	Intercept		3.23	0.39	15	<0.01	.	room_id(unit_id)	0.20	513.35
	Job type	l1-Cut Outs	-0.57	0.53	144	0.28	<0.01	experiment_number	0.90	.
		l2-Replace Windows	1.16	0.56	144	0.04	.	Residual	0.50	.
		l3-Scrape Surface	0.69	0.58	144	0.24	.	.	.	.
		l4-Scrape Door	2.10	0.54	144	<0.01	.	.	.	.
		l6-Heat gun over 1100 degrees	2.45	0.57	144	<0.01	.	.	.	.
		l7-Kitchen	0.00	.	.	.	.	.	.	.
Objective 1: Model 19	Intercept		2.58	0.46	15	<0.01	.	room_id(unit_id)	0.72	529.17
	Square feet disturbed		-0.01	0.01	143	0.60	0.60	experiment_number	0.72	.
	Avg. paint lead		0.28	0.07	143	<0.01	<0.01	Residual	0.50	.
	Intensity level	1-High	0.88	0.62	143	0.16	<0.01	.	.	.
		2-Medium	1.87	0.54	143	<0.01	.	.	.	.
3-Low	0.00	.	.	.	.	.	.	.		
Objective 1: Model 20	Intercept		2.87	0.86	5	0.02	.	unit_id	0.08	516.82
	Square feet disturbed		0.00	0.01	144	0.89	0.89	room_id(unit_id)	0.04	.
	Avg. paint lead		0.19	0.07	144	<0.01	<0.01	experiment_number	0.83	.
	Job type	l1-Cut Outs	-0.74	0.78	144	0.34	<0.01	Residual	0.50	.
		l2-Replace Windows	0.78	0.86	144	0.36	.	.	.	.
		l3-Scrape Surface	0.81	0.64	144	0.21	.	.	.	.
		l4-Scrape Door	1.89	0.62	144	<0.01	.	.	.	.
		l6-Heat gun over 1100 degrees	1.88	0.62	144	<0.01	.	.	.	.
l7-Kitchen		0.00	.	.	.	.	.	.	.	



**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 21	Intercept		3.37	0.46	15	<0.01	.	room_id(unit_id)	0.88	510.20	
	Avg. paint lead		0.25	0.06	144	<0.01	<0.01	experiment_number	0.44		
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-1.25	0.36	144	<0.01	<0.01	Residual		0.50
		Clean=1-rule; Plastic=2-no		-1.13	0.34	144	<0.01				
		Clean=2-base; Plastic=1-yes		-0.77	0.34	144	0.03				
		Clean=2-base; Plastic=2-no		0.00							
	Intensity level	1-High		0.58	0.33	144	0.08	<0.01			
2-Medium			1.77	0.34	144	<0.01					
3-Low			0.00								
Objective 1: Model 22	Intercept		3.60	0.43	15	<0.01	.	room_id(unit_id)	0.20	498.95	
	Avg. paint lead		0.18	0.07	144	<0.01	<0.01	experiment_number	0.56		
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-1.21	0.36	144	<0.01	<0.01	Residual		0.50
		Clean=1-rule; Plastic=2-no		-1.13	0.36	144	<0.01				
		Clean=2-base; Plastic=1-yes		-0.70	0.36	144	0.05				
		Clean=2-base; Plastic=2-no		0.00							
	Job type	I1-Cut Outs		-0.58	0.44	144	0.19	<0.01			
		I2-Replace Windows		0.72	0.50	144	0.15				
		I3-Scrape Surface		0.70	0.50	144	0.17				
		I4-Scrape Door		1.94	0.46	144	<0.01				
	I6-Heat gun over 1100 degrees		1.65	0.55	144	<0.01					
	I7-Kitchen		0.00								
Objective 2: Model 1	Intercept		4.29	0.42	5	<0.01	.	unit_id	0.52	542.67	
	Plastic	1-yes	-0.33	0.38	144	0.38	0.38	room_id(unit_id)	0.65		
		2-no	0.00					experiment_number	1.22		
								Residual	0.50		
Objective 2: Model 2	Intercept		3.65	0.47	5	<0.01	.	unit_id	0.22	527.24	
	Intensity level	1-High	0.65	0.39	144	0.10	<0.01	room_id(unit_id)	1.50		
		2-Medium	1.88	0.41	144	<0.01		experiment_number	0.67		
		3-Low	0.00					Residual	0.50		
	Plastic	1-yes	-0.53	0.30	144	0.08	0.08				
2-no		0.00									

**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 3	Intercept		3.69	0.53	5	<0.01	.	unit_id	0.18	521.63	
	Intensity level	1-High	1.00	0.54	144	0.07	<0.01	room_id(unit_id)	1.82	.	
		2-Medium	1.65	0.48	144	<0.01		experiment_number	0.58	.	
		3-Low	0.00	.	.	.		Residual	0.50	.	
	Plastic	1-yes	-0.74	0.57	144	0.20	0.03		.	.	
		2-no	0.00	.	.	.			.	.	
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes		-0.56	0.74	144	0.45	0.15		.	.
		Intensity=1-High; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes		0.79	0.70	144	0.26			.	.
		Intensity=2-Medium; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no		0.00	.	.	.			.	.
Objective 2: Model 4	Intercept		3.46	0.41	15	<0.01	.	room_id(unit_id)	0.17	511.70	
	Job type	I1-Cut Outs	-0.59	0.52	144	0.26	<0.01	experiment_number	0.88	.	
		I2-Replace Windows	1.17	0.55	144	0.04		Residual	0.50	.	
		I3-Scrape Surface	0.72	0.57	144	0.21			.	.	
		I4-Scrape Door	2.13	0.54	144	<0.01			.	.	
		I6-Heat gun over 1100 degrees	2.47	0.56	144	<0.01			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Plastic	1-yes	-0.45	0.31	144	0.14	0.14		.	.
	2-no		0.00	.	.	.			.	.	
Objective 2: Model 5	Intercept		3.22	0.52	15	<0.01	.	room_id(unit_id)	0.25	495.16	
	Job type	I1-Cut Outs	-0.18	0.69	144	0.80	<0.01	experiment_number	0.74	.	
		I2-Replace Windows	1.18	0.76	144	0.13		Residual	0.50	.	
		I3-Scrape Surface	0.30	0.73	144	0.68			.	.	
		I4-Scrape Door	2.65	0.70	144	<0.01			.	.	
		I6-Heat gun over 1100 degrees	3.21	0.74	144	<0.01			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	

**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 5 (continued)	Plastic	1=yes	0.04	0.73	144	0.95	0.15			
		2=no	0.00							
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1=yes	-0.79	0.96	144	0.42	0.10			
		Job_Type=I1-Cut Outs; Plastic=2=no	0.00							
		Job_Type=I2-Replace Windows; Plastic=1=yes	-0.10	1.07	144	0.92				
		Job_Type=I2-Replace Windows; Plastic=2=no	0.00							
		Job_Type=I3-Scrape Surface; Plastic=1=yes	0.88	0.98	144	0.37				
		Job_Type=I3-Scrape Surface; Plastic=2=no	0.00							
		Job_Type=I4-Scrape Door; Plastic=1=yes	-1.10	0.99	144	0.27				
		Job_Type=I4-Scrape Door; Plastic=2=no	0.00							
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1=yes	-1.71	1.00	144	0.09				
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2=no	0.00							
		Job_Type=I7-Kitchen; Plastic=1=yes	0.00							
		Job_Type=I7-Kitchen; Plastic=2=no	0.00							
Objective 3: Model 1	Intercept		4.50	0.41	5	<0.01		unit_id	0.79	538.14
	Clean	1-rule	-0.83	0.34	144	0.02	0.02	room_id(unit_id)	0.40	
		2-base	0.00					experiment_number	1.09	
	0						Residual	0.50		
Objective 3: Model 2	Intercept		3.78	0.47	5	<0.01		unit_id	0.47	523.55
	Intensity level	1-High	0.57	0.38	144	0.13	<0.01	room_id(unit_id)	1.06	
		2-Medium	1.72	0.39	144	<0.01		experiment_number	0.62	
		3-Low	0.00					Residual	0.50	
	Clean	1-rule	-0.75	0.28	144	<0.01	<0.01			
2-base		0.00								

**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 3: Model 3	Intercept		3.70	0.51	5	<0.01	.	unit_id	0.54	521.25
	Intensity level	1-High	0.81	0.52	144	0.12	<0.01	room_id(unit_id)	0.98	.
		2-Medium	1.76	0.53	144	<0.01	.	experiment_number	0.66	.
		3-Low	0.00	.	.	.	.	Residual	0.50	.
	Clean	1-rule	-0.60	0.46	144	0.20	<0.01	.	.	.
		2-base	0.00	.	.	.	.	.	.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.48	0.68	144	0.48	0.76	.	.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.	.	.	.	.
		Intensity=2-Medium; Clean=1-rule	-0.09	0.65	144	0.89	.	.	.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.	.	.	.	.
Objective 3: Model 4	Intercept		3.65	0.38	15	<0.01	.	room_id(unit_id)	0.11	506.13
	Job type	I1-Cut Outs	-0.57	0.49	144	0.25	<0.01	experiment_number	0.78	.
		I2-Replace Windows	1.16	0.51	144	0.03	.	Residual	0.50	.
		I3-Scrape Surface	0.63	0.53	144	0.23	.	.	.	.
		I4-Scrape Door	2.16	0.50	144	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	2.49	0.52	144	<0.01	.	.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
		Clean	1-rule	-0.83	0.28	144	<0.01	<0.01	.	.
	2-base		0.00	.	.	.	.	.	.	.
Objective 3: Model 5	Intercept		3.94	0.51	15	<0.01	.	room_id(unit_id)	0.12	494.95
	Job type	I1-Cut Outs	-1.03	0.71	144	0.15	<0.01	experiment_number	0.80	.
		I2-Replace Windows	0.86	0.72	144	0.23	.	Residual	0.50	.
		I3-Scrape Surface	0.48	0.74	144	0.51	.	.	.	.
		I4-Scrape Door	1.34	0.70	144	0.06	.	.	.	.
		I6-Heat gun over 1100 degrees	2.47	0.73	144	<0.01	.	.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
		Clean	1-rule	-1.42	0.72	144	0.05	<0.01	.	.

**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 3: Model 5 (continued)		2-base	0.00	.	.	.	.	.	.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.89	0.99	144	0.37	0.57	.	.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.66	0.99	144	0.51	.	.	.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.30	0.99	144	0.76	.	.	.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.64	0.99	144	0.10	.	.	.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.09	1.00	144	0.93	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.	.	.	.	.
Objective Y: Model 1	Intercept		0.70	0.94	15	0.47	.	room_id(unit_id)	0.60	509.85
	Intensity level	1-High	0.16	0.36	144	0.66	0.74	experiment_number	0.53	.
		2-Medium	0.37	0.47	144	0.44	.	Residual	0.50	.
		3-Low	0.00	.	.	.	.	.	.	.
	Avg. PostWork Work Floor Lead		0.45	0.11	144	<0.01	<0.01	.	.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.10	0.38	144	<0.01	0.01	.	.	.
		Clean=1-rule; Plastic=2-no	-0.98	0.36	144	<0.01	.	.	.	.
		Clean=2-base; Plastic=1-yes	-0.58	0.37	144	0.12	.	.	.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.	.	.	.	.

**Table I4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective Y: Model 2	Intercept		1.75	1.20	15	0.16	.	room_id(unit_id)	0.14	500.44
	Job type	I1-Cut Outs	-0.19	0.49	144	0.70	0.08	experiment_number	0.65	.
		I2-Replace Windows	0.80	0.52	144	0.12		Residual	0.50	.
		I3-Scrape Surface	0.40	0.52	144	0.44			.	.
		I4-Scrape Door	1.35	0.62	144	0.03			.	.
		I6-Heat gun over 1100 degrees	1.78	0.59	144	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.28	0.14	144	0.04	0.04		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.15	0.39	144	<0.01	0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.04	0.38	144	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.62	0.38	144	0.11			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table I5. Post-Cleaning Tool Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 23	Intercept		3.67	0.57	5	<0.01	.	unit_id	1.24	315.61
	Intensity level	1-High	0.20	0.50	48	0.70	<0.01	room_id(unit_id)	0.96	.
		2-Medium	2.04	0.51	48	<0.01	experiment_number	1.02	.	
		3-Low	0.00	.	.	.	Residual	0.60	.	
Objective 1: Model 24	Intercept		3.36	0.55	5	<0.01	.	unit_id	1.23	297.85
	Job type	I1-Cut Outs	0.21	0.60	48	0.73	<0.01	room_id(unit_id)	0.35	.
		I2-Replace Windows	1.14	0.72	48	0.12	experiment_number	0.81	.	
		I3-Scrape Surface	0.51	0.78	48	0.51	Residual	0.60	.	
		I4-Scrape Door	3.30	0.64	48	<0.01	.	.	.	
		I6-Heat gun over 1100 degrees	1.89	0.81	48	0.02	.	.	.	
		I7-Kitchen	0.00	.	.	.	.	.	.	
Objective 1: Model 25	Intercept		2.61	0.58	15	<0.01	.	room_id(unit_id)	1.16	318.95
	Square feet disturbed		0.00	0.01	48	0.91	0.91	experiment_number	1.05	.
	Avg. paint lead		0.26	0.09	48	<0.01	<0.01	Residual	0.60	.
	Intensity level	1-High	0.50	0.79	48	0.53	<0.01	.	.	.
		2-Medium	2.18	0.68	48	<0.01	.	.	.	
3-Low	0.00	.	.	.	.	.	.			
Objective 1: Model 26	Intercept		1.26	1.04	5	0.28	.	unit_id	0.98	300.17
	Square feet disturbed		0.03	0.02	48	0.08	0.08	room_id(unit_id)	0.07	.
	Avg. paint lead		0.14	0.08	48	0.11	0.11	experiment_number	0.78	.
	Job type	I1-Cut Outs	1.23	0.88	48	0.17	<0.01	Residual	0.60	.
		I2-Replace Windows	2.39	1.00	48	0.02	.	.	.	
		I3-Scrape Surface	0.09	0.79	48	0.91	.	.	.	
		I4-Scrape Door	3.74	0.72	48	<0.01	.	.	.	
I6-Heat gun over 1100 degrees		1.30	0.79	48	0.11	.	.	.		
I7-Kitchen		0.00	.	.	.	.	.	.		

**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 27	Intercept		2.93	0.64	15	<0.01	.	room_id(unit_id)	1.27	309.20	
	Avg. paint lead		0.24	0.09	48	0.01	0.01	experiment_number	1.01	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	Clean=1-rule; Plastic=1-yes	-0.50	0.53	48	0.35	0.54	Residual	0.60	.
		Clean=1-rule; Plastic=2-no	Clean=1-rule; Plastic=2-no	-0.01	0.51	48	0.99		.	.	.
		Clean=2-base; Plastic=1-yes	Clean=2-base; Plastic=1-yes	-0.61	0.52	48	0.24		.	.	.
		Clean=2-base; Plastic=2-no	Clean=2-base; Plastic=2-no	0.00	.	.	.		.	.	.
	Intensity level	1-High	1-High	0.42	0.48	48	0.39	<0.01		.	.
2-Medium		2-Medium	2.22	0.50	48	<0.01		.	.	.	
3-Low		3-Low	0.00	.	.	.		.	.	.	
Objective 1: Model 28	Intercept		3.24	0.66	10	<0.01	.	unit_id	1.35	294.33	
	Avg. paint lead		0.17	0.08	48	0.05	0.05	experiment_number	0.84	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	Clean=1-rule; Plastic=1-yes	-0.54	0.48	48	0.26	0.53	Residual	0.60	.
		Clean=1-rule; Plastic=2-no	Clean=1-rule; Plastic=2-no	-0.18	0.48	48	0.71		.	.	.
		Clean=2-base; Plastic=1-yes	Clean=2-base; Plastic=1-yes	-0.63	0.48	48	0.19		.	.	.
		Clean=2-base; Plastic=2-no	Clean=2-base; Plastic=2-no	0.00	.	.	.		.	.	.
	Job type	l1-Cut Outs	l1-Cut Outs	0.03	0.61	48	0.96	<0.01		.	.
		l2-Replace Windows	l2-Replace Windows	1.12	0.66	48	0.09		.	.	.
		l3-Scrape Surface	l3-Scrape Surface	0.81	0.76	48	0.29		.	.	.
l4-Scrape Door		l4-Scrape Door	3.14	0.64	48	<0.01		.	.	.	
l6-Heat gun over 1100 degrees		l6-Heat gun over 1100 degrees	1.64	0.80	48	0.05		.	.	.	
	l7-Kitchen	l7-Kitchen	0.00	.	.	.		.	.	.	
Objective 2: Model 6	Intercept		4.54	0.53	10	<0.01	.	unit_id	1.71	327.95	
	Plastic	1-yes	-0.44	0.45	48	0.34	0.34	experiment_number	1.74	.	
		2-no	0.00	.	.	.		Residual	0.60	.	
Objective 2: Model 7	Intercept		3.99	0.60	5	<0.01	.	unit_id	1.29	312.47	
	Intensity level	1-High	0.19	0.48	48	0.69	<0.01	room_id(unit_id)	1.08	.	
		2-Medium	2.20	0.49	48	<0.01		experiment_number	0.90	.	
		3-Low	0.00	.	.	.		Residual	0.60	.	
	Plastic	1-yes	-0.69	0.37	48	0.07	0.07		.	.	
2-no		0.00	.	.	.		.	.	.		



**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 8	Intercept		3.93	0.67	5	<0.01	.	unit_id	1.70	305.62	
	Intensity level	1-High	-0.20	0.66	48	0.76	<0.01	room_id(unit_id)	0.72	.	
		2-Medium	2.57	0.60	48	<0.01		experiment_number	0.86	.	
		3-Low	0.00	.	.	.		Residual	0.60	.	
	Plastic	1-yes	-0.35	0.70	48	0.62	0.16		.	.	
		2-no	0.00	.	.	.			.	.	
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes		0.56	0.90	48	0.54	0.14		.	.
		Intensity=1-High; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes		-1.14	0.88	48	0.20			.	.
		Intensity=2-Medium; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes		0.00	.	.	.			.	.
Intensity=3-Low; Plastic=2-no		0.00	.	.	.			.	.		
Objective 2: Model 9	Intercept		3.64	0.57	5	<0.01	.	unit_id	1.17	295.49	
	Job type	I1-Cut Outs	0.18	0.59	48	0.76	<0.01	room_id(unit_id)	0.45	.	
		I2-Replace Windows	1.11	0.72	48	0.13		experiment_number	0.74	.	
		I3-Scrape Surface	0.67	0.77	48	0.39		Residual	0.60	.	
		I4-Scrape Door	3.35	0.62	48	<0.01			.	.	
	Plastic	I6-Heat gun over 1100 degrees		1.84	0.80	48	0.03		.	.	
		I7-Kitchen		0.00	.	.	.		.	.	
		1-yes	-0.57	0.34	48	0.10	0.10		.	.	
2-no		0.00	.	.	.			.	.		
Objective 2: Model 10	Intercept		3.13	0.71	10	<0.01	.	unit_id	1.84	277.41	
	Job type	I1-Cut Outs	0.69	0.79	48	0.38	<0.01	experiment_number	0.63	.	
		I2-Replace Windows	1.42	0.82	48	0.09		Residual	0.60	.	
		I3-Scrape Surface	1.19	0.88	48	0.18			.	.	
	I4-Scrape Door		4.74	0.82	48	<0.01			.	.	
	I6-Heat gun over 1100 degrees		1.93	0.94	48	0.04			.	.	
	I7-Kitchen		0.00	.	.	.			.	.	

**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 10 (continued)	Plastic	1-yes	0.56	0.93	48	0.55	0.30			
		2-no	0.00							
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.83	1.09	48	0.45	0.06			
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00							
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.16	1.11	48	0.89				
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00							
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-1.34	1.15	48	0.25				
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00							
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.93	1.15	48	0.01				
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00							
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.23	1.15	48	0.84				
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00							
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00							
		Job_Type=I7-Kitchen; Plastic=2-no	0.00							
Objective 3: Model 6	Intercept		4.32	0.52	10	<0.01		unit_id	1.74	328.99
	Clean	1-rule	-0.02	0.43	48	0.96	0.96	experiment_number	1.79	
		2-base	0.00					Residual	0.60	
Objective 3: Model 7	Intercept		3.63	0.60	5	<0.01		unit_id	1.16	315.77
	Intensity level	1-High	0.21	0.51	48	0.68	<0.01	room_id(unit_id)	1.01	
		2-Medium	2.04	0.51	48	<0.01		experiment_number	1.06	
		3-Low	0.00					Residual	0.60	
	Clean	1-rule	0.04	0.37	48	0.91	0.91			
2-base		0.00								

**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 3: Model 8	Intercept		3.85	0.64	5	<0.01	.	unit_id	0.84	311.72	
	Intensity level	1-High	-0.13	0.68	48	0.85	<0.01	room_id(unit_id)	1.21	.	
		2-Medium	1.62	0.70	48	0.03		experiment_number	1.10	.	
		3-Low	0.00	.	.	.		Residual	0.60	.	
	Clean	1-rule	-0.46	0.61	48	0.45	0.83		.	.	
		2-base	0.00	.	.	.			.	.	
	Intensity level*Clean	Intensity=1-High; Clean=1-rule		0.80	0.90	48	0.38	0.57		.	.
		Intensity=1-High; Clean=2-base		0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule		0.83	0.87	48	0.34			.	.
		Intensity=2-Medium; Clean=2-base		0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule		0.00	.	.	.			.	.
Intensity=3-Low; Clean=2-base		0.00	.	.	.			.	.		
Objective 3: Model 9	Intercept		3.41	0.59	5	<0.01	.	unit_id	1.31	298.14	
	Job type	I1-Cut Outs	0.21	0.61	48	0.73	<0.01	room_id(unit_id)	0.32	.	
		I2-Replace Windows	1.15	0.73	48	0.12		experiment_number	0.84	.	
		I3-Scrape Surface	0.50	0.79	48	0.53		Residual	0.60	.	
		I4-Scrape Door	3.30	0.65	48	<0.01			.	.	
	Clean	I6-Heat gun over 1100 degrees		1.88	0.82	48	0.03		.	.	
		I7-Kitchen		0.00	.	.	.		.	.	
		1-rule	-0.08	0.34	48	0.81	0.81		.	.	
2-base		0.00	.	.	.			.	.		
Objective 3: Model 10	Intercept		3.07	0.75	10	<0.01	.	unit_id	1.26	285.58	
	Job type	I1-Cut Outs	0.32	0.92	48	0.73	<0.01	experiment_number	1.04	.	
		I2-Replace Windows	2.26	0.99	48	0.03		Residual	0.60	.	
		I3-Scrape Surface	0.89	1.08	48	0.41			.	.	
		I4-Scrape Door	2.92	0.91	48	<0.01			.	.	
	I6-Heat gun over 1100 degrees		2.65	1.07	48	0.02			.	.	
	I7-Kitchen		0.00	.	.	.			.	.	

**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 3: Model 10 (continued)	Clean	1-rule	0.50	1.01	48	0.62	0.97			
		2-base	0.00							
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.47	1.31	48	0.72	0.62			
		Job_Type=I1-Cut Outs; Clean=2-base	0.00							
			Job_Type=I2-Replace Windows; Clean=1-rule	-1.69	1.30	48	0.20			
			Job_Type=I2-Replace Windows; Clean=2-base	0.00						
			Job_Type=I3-Scrape Surface; Clean=1-rule	-0.37	1.30	48	0.78			
			Job_Type=I3-Scrape Surface; Clean=2-base	0.00						
			Job_Type=I4-Scrape Door; Clean=1-rule	0.38	1.30	48	0.77			
			Job_Type=I4-Scrape Door; Clean=2-base	0.00						
			Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.97	1.30	48	0.46			
			Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00						
			Job_Type=I7-Kitchen; Clean=1- rule	0.00						
			Job_Type=I7-Kitchen; Clean=2- base	0.00						
Objective Y: Model 3	Intercept		0.80	1.18	10	0.51		unit_id	1.36	308.50
	Intensity level	1-High	-0.21	0.49	48	0.66	0.25	experiment_number	1.04	
		2-Medium	0.72	0.57	48	0.21		Residual	0.60	
		3-Low	0.00							
	Avg. PostWork Work Floor Lead		0.42	0.13	48	<0.01	<0.01			
	Plastic	1-yes	-0.46	0.38	48	0.23	0.23			
2-no		0.00								

**Table I5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective Y: Model 4	Intercept		2.92	1.52	5	0.11	.	unit_id	1.16	296.92	
	Job type	I1-Cut Outs	0.24	0.63	47	0.71	0.04	room_id(unit_id)	0.33	.	
		I2-Replace Windows	1.03	0.76	47	0.18		experiment_number	0.80	.	
		I3-Scrape Surface	0.58	0.80	47	0.47		Residual	0.60	.	
		I4-Scrape Door	3.02	0.87	47	<0.01			.	.	
		I6-Heat gun over 1100 degrees	1.69	0.91	47	0.07			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Avg. PostWork Work Floor Lead		0.09	0.18	47	0.62	0.62		.	.
	Plastic	1-yes		-0.53	0.36	47	0.14	0.14		.	.
		2-no		0.00	.	.	.			.	.

**Table I6. Post-Cleaning Observation Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 29	Intercept		2.35	0.41	15	<0.01	.	room_id(unit_id)	0.97	298.68
	Intensity level	1-High	0.67	0.46	48	0.15	<0.01	experiment_number	0.97	.
		2-Medium	2.19	0.48	48	<0.01		Residual	0.51	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 30	Intercept		2.37	0.44	5	<0.01	.	unit_id	0.19	281.62
	Job type	I1-Cut Outs	-0.19	0.56	48	0.74	<0.01	room_id(unit_id)	0.31	.
		I2-Replace Windows	0.48	0.64	48	0.45		experiment_number	0.82	.
		I3-Scrape Surface	0.77	0.67	48	0.26		Residual	0.51	.
		I4-Scrape Door	2.92	0.59	48	<0.01		.	.	.
		I6-Heat gun over 1100 degrees	1.93	0.67	48	<0.01		.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
Objective 1: Model 31	Intercept		1.43	0.46	15	<0.01	.	room_id(unit_id)	0.56	294.27
	Square feet disturbed		-0.01	0.01	48	0.28	0.28	experiment_number	0.73	.
	Avg. paint lead		0.31	0.07	48	<0.01	<0.01	Residual	0.51	.
	Intensity level	1-High	1.20	0.65	48	0.07	<0.01	.	.	.
		2-Medium	2.67	0.57	48	<0.01		.	.	.
	3-Low	0.00	.	.	.	.	.	.	.	
Objective 1: Model 32	Intercept		1.62	0.93	5	0.14	.	unit_id	0.27	283.60
	Square feet disturbed		0.00	0.02	48	0.79	0.79	room_id(unit_id)	0.26	.
	Avg. paint lead		0.22	0.08	48	<0.01	<0.01	experiment_number	0.66	.
	Job type	I1-Cut Outs	-0.10	0.80	48	0.90	<0.01	Residual	0.51	.
		I2-Replace Windows	0.30	0.94	48	0.75		.	.	.
		I3-Scrape Surface	0.76	0.71	48	0.29		.	.	.
		I4-Scrape Door	2.80	0.65	48	<0.01		.	.	.
		I6-Heat gun over 1100 degrees	1.20	0.69	48	0.09		.	.	.
I7-Kitchen		0.00	.	.	.	.	.	.	.	

**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 33	Intercept		1.65	0.48	5	0.02	.	unit_id	0.05	277.95	
	Avg. paint lead		0.28	0.07	48	<0.01	<0.01	room_id(unit_id)	0.60	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.79	0.40	48	0.06	0.01	experiment_number	0.50	.
		Clean=1-rule; Plastic=2-no		0.34	0.39	48	0.38		Residual	0.51	.
	Intensity level	Clean=2-base; Plastic=1-yes		-0.81	0.39	48	0.04			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
		1-High		0.63	0.37	48	0.09	<0.01		.	.
		2-Medium		2.41	0.38	48	<0.01			.	.
	3-Low		0.00	.	.	.			.	.	
Objective 1: Model 34	Intercept		2.22	0.48	5	<0.01	.	unit_id	0.34	265.72	
	Avg. paint lead		0.20	0.07	48	<0.01	<0.01	room_id(unit_id)	0.08	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.85	0.38	48	0.03	<0.01	experiment_number	0.46	.
		Clean=1-rule; Plastic=2-no		0.31	0.37	48	0.41		Residual	0.51	.
	Job type	Clean=2-base; Plastic=1-yes		-0.85	0.38	48	0.03			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
		I1-Cut Outs		-0.33	0.47	48	0.48	<0.01		.	.
		I2-Replace Windows		0.29	0.52	48	0.58			.	.
		I3-Scrape Surface		1.10	0.56	48	0.06			.	.
		I4-Scrape Door		2.83	0.49	48	<0.01			.	.
		I6-Heat gun over 1100 degrees		1.37	0.60	48	0.03			.	.
	I7-Kitchen		0.00	.	.	.			.	.	
Objective 2: Model 11	Intercept		3.80	0.41	10	<0.01	.	unit_id	0.77	311.11	
	Plastic	1-yes		-0.97	0.42	48	0.03	0.03	experiment_number	1.57	.
		2-no		0.00	.	.	.		Residual	0.51	.
Objective 2: Model 12	Intercept		2.97	0.48	5	<0.01	.	unit_id	1.00	288.92	
	Intensity level	1-High		0.49	0.42	48	0.24	<0.01	room_id(unit_id)	0.24	.
		2-Medium		2.31	0.42	48	<0.01		experiment_number	0.70	.
		3-Low		0.00	.	.	.		Residual	0.51	.
	Plastic	1-yes		-1.13	0.32	48	<0.01	<0.01		.	.
		2-no		0.00	.	.	.			.	.

**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 13	Intercept		2.67	0.50	15	<0.01	.	room_id(unit_id)	0.98	286.34
	Intensity level	1-High	0.87	0.60	48	0.16	<0.01	experiment_number	0.74	
		2-Medium	2.64	0.56	48	<0.01		Residual	0.51	
		3-Low	0.00							
	Plastic	1-yes	-0.67	0.63	48	0.29	<0.01			
		2-no	0.00							
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.43	0.83	48	0.61	0.75			
		Intensity=1-High; Plastic=2-no	0.00							
		Intensity=2-Medium; Plastic=1-yes	-0.59	0.80	48	0.46				
		Intensity=2-Medium; Plastic=2-no	0.00							
		Intensity=3-Low; Plastic=1-yes	0.00							
	Intensity=3-Low; Plastic=2-no	0.00								
Objective 2: Model 14	Intercept		2.91	0.42	5	<0.01	.	unit_id	0.29	270.79
	Job type	I1-Cut Outs	-0.24	0.50	48	0.63	<0.01	room_id(unit_id)	0.13	
		I2-Replace Windows	0.57	0.55	48	0.31		experiment_number	0.58	
		I3-Scrape Surface	0.96	0.59	48	0.11		Residual	0.51	
		I4-Scrape Door	3.01	0.52	48	<0.01				
		I6-Heat gun over 1100 degrees	1.94	0.60	48	<0.01				
	I7-Kitchen	0.00								
	Plastic	1-yes	-1.06	0.29	48	<0.01	<0.01			
2-no		0.00								
Objective 2: Model 15	Intercept		2.66	0.55	5	<0.01	.	unit_id	0.32	259.72
	Job type	I1-Cut Outs	-0.21	0.71	48	0.76	<0.01	room_id(unit_id)	0.16	
		I2-Replace Windows	0.75	0.78	48	0.34		experiment_number	0.60	
		I3-Scrape Surface	0.93	0.76	48	0.23		Residual	0.51	
		I4-Scrape Door	3.74	0.73	48	<0.01				
		I6-Heat gun over 1100 degrees	2.27	0.80	48	<0.01				
	I7-Kitchen	0.00								
Plastic	1-yes	-0.54	0.77	48	0.49	<0.01				



**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 15 (continued)		2-no	0.00	.	.	.	.	.	.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.02	0.98	48	0.98	0.62	.	.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.37	1.07	48	0.73	.	.	.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.11	1.01	48	0.91	.	.	.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.49	1.02	48	0.15	.	.	.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.75	1.03	48	0.47	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective 3: Model 11	Intercept		3.23	0.43	10	<0.01	.	unit_id	0.88	316.06
	Clean	1-rule	0.14	0.42	48	0.75	0.75	experiment_number	1.77	.
		2-base	0.00	.	.	.	.	Residual	0.51	.
Objective 3: Model 12	Intercept		2.22	0.45	15	<0.01	.	room_id(unit_id)	1.00	298.46
	Intensity level	1-High	0.68	0.46	48	0.15	<0.01	experiment_number	0.98	.
		2-Medium	2.20	0.48	48	<0.01	.	Residual	0.51	.
		3-Low	0.00	.	.	.	.	.	.	.
	Clean	1-rule	0.24	0.35	48	0.49	0.49	.	.	.
		2-base	0.00	.	.	.	.	.	.	.

**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 3: Model 13	Intercept		1.93	0.51	15	<0.01	.	room_id(unit_id)	1.04	294.16
	Intensity level	1-High	1.02	0.62	48	0.11	<0.01	experiment_number	0.98	.
		2-Medium	2.76	0.65	48	<0.01		Residual	0.51	.
		3-Low	0.00	.	.	.	.	.	.	.
	Clean	1-rule	0.81	0.57	48	0.16	0.50	.	.	.
		2-base	0.00	.	.	.	.	.	.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.69	0.84	48	0.41	0.44	.	.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.	.	.	.	.
		Intensity=2-Medium; Clean=1-rule	-1.03	0.81	48	0.21	.	.	.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.	.	.	.	.
	Intensity=3-Low; Clean=2-base	0.00	.	.	.	.	.	.	.	
Objective 3: Model 14	Intercept		2.29	0.47	5	<0.01	.	unit_id	0.17	281.85
	Job type	I1-Cut Outs	-0.20	0.57	48	0.73	<0.01	room_id(unit_id)	0.33	.
		I2-Replace Windows	0.48	0.64	48	0.45		experiment_number	0.84	.
		I3-Scrape Surface	0.79	0.67	48	0.25		Residual	0.51	.
		I4-Scrape Door	2.90	0.59	48	<0.01		.	.	.
	Clean	I6-Heat gun over 1100 degrees	1.94	0.68	48	<0.01		.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
		2-base	0.00	.	.	.	.	.	.	.
	Objective 3: Model 15	Intercept		2.32	0.62	5	0.01	.	unit_id	0.24
Job type		I1-Cut Outs	-0.31	0.82	48	0.71	<0.01	room_id(unit_id)	0.30	.
		I2-Replace Windows	0.06	0.88	48	0.95		experiment_number	0.86	.
		I3-Scrape Surface	1.21	0.92	48	0.20		Residual	0.51	.
		I4-Scrape Door	2.58	0.81	48	<0.01		.	.	.
Clean		I6-Heat gun over 1100 degrees	2.21	0.91	48	0.02		.	.	.
	I7-Kitchen	0.00	.	.	.	.	.	.	.	

**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	0.05	0.87	48	0.96	0.63		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.21	1.15	48	0.86	0.55		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.03	1.16	48	0.38			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.83	1.14	48	0.47			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.66	1.16	48	0.57			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.40	1.17	48	0.73			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 5	Intercept		0.36	0.97	10	0.72	.	unit_id	0.63	284.43
	Intensity level	1-High	0.27	0.41	48	0.52	0.02	experiment_number	0.72	.
		2-Medium	1.36	0.47	48	<0.01		Residual	0.51	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.34	0.11	48	<0.01	<0.01		.	.
	Plastic	1-yes	-1.02	0.32	48	<0.01	<0.01		.	.
		2-no	0.00	.	.	.			.	.

**Table I6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective Y: Model 6	Intercept		2.10	1.27	5	0.16	.	unit_id	0.25	272.36	
	Job type	I1-Cut Outs	-0.14	0.54	47	0.80	<0.01	room_id(unit_id)	0.10	.	
		I2-Replace Windows	0.43	0.59	47	0.47		experiment_number	0.63	.	
		I3-Scrape Surface	0.89	0.61	47	0.15		Residual	0.51	.	
		I4-Scrape Door	2.68	0.70	47	<0.01			.	.	
		I6-Heat gun over 1100 degrees	1.76	0.70	47	0.02			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Avg. PostWork Work Floor Lead		0.10	0.15	47	0.51	0.51		.	.
		Plastic	1-yes	-1.03	0.30	47	<0.01	<0.01		.	.
			2-no	0.00	.	.	.		.	.	

**Table I7. Post-Verification Work Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 35	Intercept		2.88	0.44	5	<0.01	.	unit_id	0.25	541.97
	Intensity level	1-High	0.77	0.37	144	0.04	<0.01	room_id(unit_id)	1.43	.
		2-Medium	1.74	0.38	144	<0.01		experiment_number	0.56	.
		3-Low	0.00	.	.	.		Residual	0.57	.
Objective 1: Model 36	Intercept		2.60	0.34	15	<0.01	.	room_id(unit_id)	0.09	520.11
	Job type	I1-Cut Outs	-0.31	0.47	144	0.51	<0.01	experiment_number	0.68	.
		I2-Replace Windows	1.27	0.48	144	<0.01		Residual	0.57	.
		I3-Scrape Surface	0.74	0.49	144	0.13			.	.
		I4-Scrape Door	2.25	0.47	144	<0.01			.	.
		I6-Heat gun over 1100 degrees	3.01	0.49	144	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 37	Intercept		1.91	0.43	15	<0.01	.	room_id(unit_id)	0.95	536.33
	Square feet disturbed		0.00	0.01	143	0.92	0.92	experiment_number	0.41	.
	Avg. paint lead		0.29	0.06	143	<0.01	<0.01	Residual	0.57	.
	Intensity level	1-High	0.70	0.54	143	0.20	<0.01		.	.
		2-Medium	1.69	0.45	143	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 38	Intercept		2.02	0.74	15	0.02	.	room_id(unit_id)	0.18	522.40
	Square feet disturbed		0.00	0.01	144	0.81	0.81	experiment_number	0.50	.
	Avg. paint lead		0.19	0.07	144	<0.01	<0.01	Residual	0.57	.
	Job type	I1-Cut Outs	-0.22	0.65	144	0.74	<0.01		.	.
		I2-Replace Windows	0.91	0.76	144	0.23			.	.
		I3-Scrape Surface	0.78	0.56	144	0.17			.	.
		I4-Scrape Door	2.02	0.53	144	<0.01			.	.
	I6-Heat gun over 1100 degrees	2.13	0.54	144	<0.01			.	.	
I7-Kitchen	0.00	.	.	.			.	.		

**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 39	Intercept		2.32	0.45	15	<0.01	.	room_id(unit_id)	1.03	526.87	
	Avg. paint lead		0.28	0.06	144	<0.01	<0.01	experiment_number	0.36	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.66	0.34	144	0.06	0.27	Residual	0.57	.
		Clean=1-rule; Plastic=2-no		-0.37	0.33	144	0.25			.	.
		Clean=2-base; Plastic=1-yes		-0.46	0.33	144	0.16			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
	Intensity level	1-High		0.74	0.31	144	0.02	<0.01		.	.
2-Medium			1.78	0.32	144	<0.01			.	.	
3-Low			0.00	.	.	.			.	.	
Objective 1: Model 40	Intercept		2.51	0.41	15	<0.01	.	room_id(unit_id)	0.16	514.26	
	Avg. paint lead		0.18	0.06	144	<0.01	<0.01	experiment_number	0.50	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.57	0.35	144	0.11	0.42	Residual	0.57	.
		Clean=1-rule; Plastic=2-no		-0.26	0.35	144	0.45			.	.
		Clean=2-base; Plastic=1-yes		-0.41	0.35	144	0.24			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
	Job type	I1-Cut Outs		-0.34	0.42	144	0.42	<0.01		.	.
		I2-Replace Windows		0.80	0.48	144	0.09			.	.
		I3-Scrape Surface		0.84	0.48	144	0.08			.	.
		I4-Scrape Door		2.01	0.44	144	<0.01			.	.
	I6-Heat gun over 1100 degrees		2.20	0.52	144	<0.01			.	.	
	I7-Kitchen		0.00	.	.	.			.	.	
Objective 2: Model 16	Intercept		3.78	0.42	5	<0.01	.	unit_id	0.69	556.47	
	Plastic	1-yes	-0.30	0.36	144	0.40	0.40	room_id(unit_id)	0.57	.	
		2-no	0.00	.	.	.		experiment_number	1.04	.	
								Residual	0.57	.	
Objective 2: Model 17	Intercept		3.08	0.46	5	<0.01	.	unit_id	0.31	539.92	
	Intensity level	1-High	0.78	0.36	144	0.03	<0.01	room_id(unit_id)	1.43	.	
		2-Medium	1.84	0.37	144	<0.01		experiment_number	0.52	.	
		3-Low	0.00	.	.	.		Residual	0.57	.	
	Plastic	1-yes	-0.47	0.28	144	0.09	0.09		.	.	
		2-no	0.00	.	.	.			.	.	

**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 18	Intercept		2.99	0.52	5	<0.01	.	unit_id	0.26	535.36	
	Intensity level	1-High	1.22	0.51	144	0.02	<0.01	room_id(unit_id)	1.63	.	
		2-Medium	1.78	0.45	144	<0.01		experiment_number	0.48	.	
		3-Low	0.00	.	.	.		Residual	0.57	.	
	Plastic	1-yes	-0.39	0.54	144	0.47	0.06		.	.	
		2-no	0.00	.	.	.			.	.	
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes		-0.77	0.69	144	0.27	0.24		.	.
		Intensity=1-High; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes		0.32	0.66	144	0.62			.	.
		Intensity=2-Medium; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no		0.00	.	.	.			.	.
	Objective 2: Model 19	Intercept		2.82	0.35	15	<0.01	.	room_id(unit_id)	0.01	518.02
Job type		I1-Cut Outs	-0.33	0.46	144	0.47	<0.01	experiment_number	0.69	.	
		I2-Replace Windows	1.30	0.46	144	<0.01		Residual	0.57	.	
		I3-Scrape Surface	0.74	0.46	144	0.11			.	.	
		I4-Scrape Door	2.31	0.46	144	<0.01			.	.	
		I6-Heat gun over 1100 degrees		3.11	0.46	144	<0.01		.	.	
		I7-Kitchen		0.00	.	.	.		.	.	
		Plastic	1-yes	-0.47	0.27	144	0.08	0.08		.	.
2-no			0.00	.	.	.			.	.	
Objective 2: Model 20		Intercept		2.81	0.47	15	<0.01	.	room_id(unit_id)	0.06	508.17
	Job type	I1-Cut Outs	-0.33	0.66	144	0.61	<0.01	experiment_number	0.69	.	
		I2-Replace Windows	1.23	0.68	144	0.07		Residual	0.57	.	
		I3-Scrape Surface	0.35	0.67	144	0.60			.	.	
		I4-Scrape Door	2.47	0.66	144	<0.01			.	.	
		I6-Heat gun over 1100 degrees		3.39	0.67	144	<0.01		.	.	
		I7-Kitchen		0.00	.	.	.		.	.	
		Plastic	1-yes	-0.42	0.67	144	0.53	0.10		.	.
	2-no		0.00	.	.	.			.	.	

**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.02	0.93	144	0.98	0.69		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.09	0.96	144	0.92			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	0.81	0.93	144	0.39			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-0.40	0.93	144	0.67			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.70	0.94	144	0.46			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 16	Intercept		3.75	0.42	5	<0.01	.	unit_id	0.79	556.65
	Clean	1-rule	-0.27	0.34	144	0.42	0.42	room_id(unit_id)	0.53	.
		2-base	0.00	.	.	.		experiment_number	1.03	.
		0	.	.	.	.		Residual	0.57	.
Objective 3: Model 17	Intercept		2.99	0.47	5	<0.01	.	unit_id	0.35	542.06
	Intensity level	1-High	0.75	0.38	144	0.05	<0.01	room_id(unit_id)	1.35	.
		2-Medium	1.73	0.38	144	<0.01		experiment_number	0.57	.
		3-Low	0.00	.	.	.		Residual	0.57	.
	Clean	1-rule	-0.22	0.27	144	0.41	0.41		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 18	Intercept		3.02	0.51	5	<0.01	.	unit_id	0.37	540.20
	Intensity level	1-High	0.77	0.51	144	0.13	<0.01	room_id(unit_id)	1.33	.



**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-Medium	1.61	0.52	144	<0.01		experiment_number	0.61	.
		3-Low	0.00	.	.	.		Residual	0.57	.
	Clean	1-rule	-0.29	0.45	144	0.53	0.41		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.05	0.67	144	0.94	0.92		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.20	0.64	144	0.75			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 19	Intercept		2.71	0.36	15	<0.01	.	room_id(unit_id)	0.06	520.19
	Job type	I1-Cut Outs	-0.31	0.47	144	0.50	<0.01	experiment_number	0.70	.
		I2-Replace Windows	1.28	0.48	144	<0.01		Residual	0.57	.
		I3-Scrape Surface	0.73	0.49	144	0.14			.	.
		I4-Scrape Door	2.28	0.47	144	<0.01			.	.
		I6-Heat gun over 1100 degrees	3.05	0.48	144	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.23	0.27	144	0.39	0.39		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 20	Intercept		2.58	0.46	15	<0.01	.	room_id(unit_id)	0.18	505.56
	Job type	I1-Cut Outs	0.12	0.63	144	0.85	<0.01	experiment_number	0.55	.
		I2-Replace Windows	1.28	0.65	144	0.05		Residual	0.57	.
		I3-Scrape Surface	1.21	0.68	144	0.08			.	.
		I4-Scrape Door	1.54	0.62	144	0.01			.	.
		I6-Heat gun over 1100 degrees	3.35	0.66	144	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.05	0.65	144	0.94	0.49		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.81	0.88	144	0.36	0.11		.	.

**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-0.02	0.89	144	0.98	.	.	.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.92	0.88	144	0.30	.	.	.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.25	0.88	144	0.16	.	.	.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.83	0.89	144	0.35	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.	.	.	.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.	.	.	.	.
Objective Y: Model 7	Intercept		-0.35	0.97	10	0.73	.	unit_id	0.70	534.89
	Intensity level	1-High	0.15	0.39	144	0.71	0.90	experiment_number	0.72	.
		2-Medium	0.19	0.45	144	0.68	.	Residual	0.57	.
		3-Low	0.00	.	.	.	.	.	.	.
	Avg. PostWork Work Floor Lead		0.46	0.11	144	<0.01	<0.01	.	.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.51	0.41	144	0.22	0.67	.	.	.
		Clean=1-rule; Plastic=2-no	-0.17	0.40	144	0.67	.	.	.	.
		Clean=2-base; Plastic=1-yes	-0.22	0.42	144	0.59	.	.	.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective Y: Model 8	Intercept		1.41	1.19	38	0.24	.	experiment_number	0.70	517.62
	Job type	I1-Cut Outs	-0.08	0.50	144	0.87	<0.01	Residual	0.57	.
		I2-Replace Windows	1.07	0.49	144	0.03	.	.	.	.
		I3-Scrape Surface	0.59	0.47	144	0.21	.	.	.	.
		I4-Scrape Door	1.79	0.60	144	<0.01	.	.	.	.

**Table I7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	2.68	0.57	144	<0.01				
		I7-Kitchen	0.00	.	.	.				
	Avg. PostWork Work Floor Lead		0.19	0.14	144	0.17	0.17			
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.62	0.38	144	0.11	0.42			
		Clean=1-rule; Plastic=2-no	-0.19	0.38	144	0.61	0.42			
		Clean=2-base; Plastic=1-yes	-0.38	0.38	144	0.32	0.42			
		Clean=2-base; Plastic=2-no	0.00	.	.	.	0.42			

**Table I8. Post-Verification Tool Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 41	Intercept		3.89	0.56	5	<0.01	.	unit_id	0.81	351.24
	Intensity level	1-High	-0.03	0.59	48	0.95	0.08	room_id(unit_id)	0.63	.
		2-Medium	1.21	0.60	48	0.05		experiment_number	1.56	.
		3-Low	0.00	.	.	.		Residual	0.99	.
Objective 1: Model 42	Intercept		2.84	0.55	15	<0.01	.	room_id(unit_id)	0.55	334.50
	Job type	I1-Cut Outs	0.93	0.73	48	0.21	<0.01	experiment_number	1.40	.
		I2-Replace Windows	1.05	0.80	48	0.19		Residual	0.99	.
		I3-Scrape Surface	1.20	0.83	48	0.16		.	.	
		I4-Scrape Door	2.76	0.75	48	<0.01		.	.	
		I6-Heat gun over 1100 degrees	2.82	0.82	48	<0.01		.	.	
		I7-Kitchen	0.00	.	.	.		.	.	
Objective 1: Model 43	Intercept		3.16	0.65	15	<0.01	.	room_id(unit_id)	0.92	357.72
	Square feet disturbed		0.00	0.02	48	0.96	0.96	experiment_number	1.67	.
	Avg. paint lead		0.18	0.11	48	0.09	0.09	Residual	0.99	.
	Intensity level	1-High	0.15	0.94	48	0.87	0.10	.	.	
		2-Medium	1.34	0.84	48	0.12		.	.	
	3-Low	0.00	.	.	.	.	.			
Objective 1: Model 44	Intercept		2.23	1.29	15	0.11	.	room_id(unit_id)	0.56	342.47
	Square feet disturbed		0.01	0.02	48	0.67	0.67	experiment_number	1.47	.
	Avg. paint lead		0.04	0.11	48	0.74	0.74	Residual	0.99	.
	Job type	I1-Cut Outs	1.29	1.14	48	0.27	0.02	.	.	
		I2-Replace Windows	1.39	1.34	48	0.30		.	.	
		I3-Scrape Surface	1.00	0.98	48	0.31		.	.	
		I4-Scrape Door	2.91	0.93	48	<0.01		.	.	
		I6-Heat gun over 1100 degrees	2.56	0.94	48	<0.01		.	.	
	I7-Kitchen	0.00	.	.	.	.	.			
Objective 1: Model 45	Intercept		3.05	0.71	15	<0.01	.	room_id(unit_id)	0.99	342.69
	Avg. paint lead		0.15	0.10	48	0.14	0.14	experiment_number	1.38	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.21	0.62	48	0.74	0.08	Residual	0.99	.
		Clean=1-rule; Plastic=2-no	1.17	0.60	48	0.06		.	.	
		Clean=2-base; Plastic=1-yes	-0.21	0.61	48	0.73		.	.	
		Clean=2-base; Plastic=2-no	0.00	.	.	.		.	.	
	Intensity level	1-High	0.12	0.56	48	0.82	0.03	.	.	
2-Medium		1.45	0.57	48	0.02	.		.		

**Table I8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 46	Intercept		2.63	0.69	15	<0.01	.	room_id(unit_id)	0.54	327.98
	Avg. paint lead		0.03	0.10	48	0.79	0.79	experiment_number	1.21	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.27	0.58	48	0.64	0.07	Residual	0.99	.
		Clean=1-rule; Plastic=2-no	1.08	0.57	48	0.06			.	.
		Clean=2-base; Plastic=1-yes	-0.30	0.57	48	0.60			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.86	0.70	48	0.22	<0.01		.	.
		I2-Replace Windows	1.02	0.80	48	0.21			.	.
		I3-Scrape Surface	1.43	0.80	48	0.08			.	.
		I4-Scrape Door	2.71	0.73	48	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.73	0.87	48	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 21	Intercept		4.62	0.45	5	<0.01	.	unit_id	0.41	354.70
	Plastic	1-yes	-0.76	0.48	48	0.12	0.12	room_id(unit_id)	0.61	.
		2-no	0.00	.	.	.		experiment_number	1.77	.
			.	.	.	.		Residual	0.99	.
Objective 2: Model 22	Intercept		4.29	0.58	5	<0.01	.	unit_id	0.75	347.43
	Intensity level	1-High	-0.01	0.58	48	0.98	0.04	room_id(unit_id)	0.64	.
		2-Medium	1.34	0.59	48	0.03		experiment_number	1.43	.
		3-Low	0.00	.	.	.		Residual	0.99	.
	Plastic	1-yes	-0.86	0.45	48	0.06	0.06		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 23	Intercept		4.60	0.68	5	<0.01	.	unit_id	0.75	341.95
	Intensity level	1-High	-0.75	0.81	48	0.36	0.04	room_id(unit_id)	0.73	.
		2-Medium	1.19	0.75	48	0.12		experiment_number	1.41	.
		3-Low	0.00	.	.	.		Residual	0.99	.
	Plastic	1-yes	-1.45	0.84	48	0.09	0.06		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	1.40	1.10	48	0.21	0.41		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	0.32	1.08	48	0.77			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.

**Table I8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 24	Intercept		3.26	0.56	15	<0.01	.	room_id(unit_id)	0.39	330.25	
	Job type	I1-Cut Outs	0.84	0.71	48	0.24	<0.01	experiment_number	1.32	.	
		I2-Replace Windows	1.09	0.76	48	0.16		Residual	0.99	.	
		I3-Scrape Surface	1.26	0.79	48	0.12			.	.	
		I4-Scrape Door	2.81	0.73	48	<0.01			.	.	
		I6-Heat gun over 1100 degrees	2.89	0.77	48	<0.01			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Plastic	1-yes	-0.87	0.41	48	0.04	0.04		.	.
2-no	0.00		.	.	.			.	.		
Objective 2: Model 25	Intercept		3.05	0.72	15	<0.01	.	room_id(unit_id)	0.15	313.25	
	Job type	I1-Cut Outs	1.80	0.99	48	0.08	<0.01	experiment_number	1.42	.	
		I2-Replace Windows	1.03	1.03	48	0.32		Residual	0.99	.	
		I3-Scrape Surface	1.10	1.01	48	0.28			.	.	
		I4-Scrape Door	3.69	1.00	48	<0.01			.	.	
		I6-Heat gun over 1100 degrees	2.81	1.02	48	<0.01			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Plastic	1-yes	-0.47	1.01	48	0.65	0.03		.	.
			2-no	0.00	.	.	.			.	.
		Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-2.16	1.40	48	0.13	0.29		.	.
			Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
			Job_Type=I2-Replace Windows; Plastic=1-yes	0.24	1.45	48	0.87			.	.
			Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
			Job_Type=I3-Scrape Surface; Plastic=1-yes	0.28	1.41	48	0.85			.	.
			Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
			Job_Type=I4-Scrape Door; Plastic=1-yes	-1.64	1.41	48	0.25			.	.
			Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
			Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.44	1.42	48	0.76			.	.
			Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.

**Table I8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 21	Intercept		3.91	0.45	5	<0.01	.	unit_id	0.36	355.60
	Clean	1-rule	0.60	0.46	48	0.20	0.20	room_id(unit_id)	0.82	.
		2-base	0.00	.	.	.		experiment_number	1.74	.
			.	.	.	.		Residual	0.99	.
Objective 3: Model 22	Intercept		3.51	0.55	15	<0.01	.	room_id(unit_id)	1.34	349.15
	Intensity level	1-High	0.10	0.58	48	0.86	0.08	experiment_number	1.48	.
		2-Medium	1.29	0.60	48	0.04		Residual	0.99	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.63	0.44	48	0.16	0.16		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 23	Intercept		3.23	0.65	5	<0.01	.	unit_id	0.39	344.35
	Intensity level	1-High	0.42	0.79	48	0.60	0.07	room_id(unit_id)	1.00	.
		2-Medium	1.86	0.82	48	0.03		experiment_number	1.53	.
		3-Low	0.00	.	.	.		Residual	0.99	.
	Clean	1-rule	1.22	0.73	48	0.10	0.18		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.73	1.06	48	0.49	0.55		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-1.13	1.04	48	0.28			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 24	Intercept		2.55	0.59	15	<0.01	.	room_id(unit_id)	0.64	332.57
	Job type	I1-Cut Outs	0.94	0.72	48	0.20	<0.01	experiment_number	1.31	.
		I2-Replace Windows	1.05	0.80	48	0.20		Residual	0.99	.
		I3-Scrape Surface	1.28	0.83	48	0.13			.	.
		I4-Scrape Door	2.70	0.74	48	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.81	0.82	48	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.57	0.41	48	0.17	0.17		.	.
		2-base	0.00	.	.	.			.	.

**Table I8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 3: Model 25	Intercept		2.65	0.78	15	<0.01	.	room_id(unit_id)	0.64	318.22	
	Job type	I1-Cut Outs	0.24	1.05	48	0.82	<0.01	experiment_number	1.40	.	
		I2-Replace Windows	0.90	1.10	48	0.42		Residual	0.99	.	
		I3-Scrape Surface	1.84	1.15	48	0.12			.	.	
		I4-Scrape Door	2.29	1.04	48	0.03			.	.	
		I6-Heat gun over 1100 degrees	2.85	1.12	48	0.01			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Clean	1-rule	0.32	1.09	48	0.77	0.18		.	.
	2-base		0.00	.	.	.			.	.	
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	1.31	1.47	48	0.38	0.66		.	.	
			Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
			Job_Type=I2-Replace Windows; Clean=1-rule	0.38	1.48	48	0.80			.	.
			Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
			Job_Type=I3-Scrape Surface; Clean=1-rule	-1.01	1.46	48	0.49			.	.
			Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
			Job_Type=I4-Scrape Door; Clean=1-rule	0.83	1.48	48	0.58			.	.
			Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
			Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.02	1.50	48	0.99			.	.
			Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
	Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.		
Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.			
Objective Y: Model 9	Intercept		1.61	1.35	10	0.26	.	unit_id	0.64	346.65	
	Intensity level	1-High	-0.21	0.59	48	0.73	0.57	experiment_number	1.69	.	
		2-Medium	0.47	0.67	48	0.49		Residual	0.99	.	
		3-Low	0.00	.	.	.			.	.	
	Avg. PostWork Work Floor Lead		0.34	0.16	48	0.03	0.03		.	.	



**Table I8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.75	0.46	48	0.11	0.11		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 10	Intercept		2.87	1.80	15	0.13	.	room_id(unit_id)	0.35	331.46
	Job type	I1-Cut Outs	0.89	0.77	47	0.25	0.05	experiment_number	1.39	.
		I2-Replace Windows	1.04	0.81	47	0.20		Residual	0.99	.
		I3-Scrape Surface	1.21	0.81	47	0.14			.	.
		I4-Scrape Door	2.67	0.97	47	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.79	0.92	47	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.05	0.21	47	0.82	0.82		.	.
	Plastic	1-yes	-0.86	0.43	47	0.05	0.05		.	.
		2-no	0.00	.	.	.			.	.

**Table I9. Post-Verification Observation Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 47	Intercept		2.52	0.50	5	<0.01	.	unit_id	1.39	272.97
	Intensity level	1-High	0.00	0.44	48	0.99	<0.01	room_id(unit_id)	0.08	
		2-Medium	2.04	0.43	48	<0.01		experiment_number	0.91	
		3-Low	0.00					Residual	0.33	
Objective 1: Model 48	Intercept		1.83	0.38	10	<0.01	.	unit_id	0.34	249.12
	Job type	I1-Cut Outs	0.44	0.50	48	0.39	<0.01	experiment_number	0.70	
		I2-Replace Windows	1.30	0.52	48	0.02		Residual	0.33	
		I3-Scrape Surface	1.50	0.57	48	0.01				
		I4-Scrape Door	3.59	0.52	48	<0.01				
		I6-Heat gun over 1100 degrees	2.61	0.59	48	<0.01				
		I7-Kitchen	0.00							
Objective 1: Model 49	Intercept		1.27	0.44	15	0.01	.	room_id(unit_id)	0.62	267.11
	Square feet disturbed		0.00	0.01	48	0.82	0.82	experiment_number	0.63	
	Avg. paint lead		0.32	0.07	48	<0.01	<0.01	Residual	0.33	
	Intensity level	1-High	0.10	0.60	48	0.87	<0.01			
		2-Medium	2.21	0.52	48	<0.01				
	3-Low	0.00								
Objective 1: Model 50	Intercept		-0.17	0.74	5	0.82	.	unit_id	0.30	244.61
	Square feet disturbed		0.03	0.01	48	0.03	0.03	room_id(unit_id)	0.08	
	Avg. paint lead		0.18	0.06	48	<0.01	<0.01	experiment_number	0.41	
	Job type	I1-Cut Outs	1.46	0.64	48	0.03	<0.01	Residual	0.33	
		I2-Replace Windows	2.20	0.73	48	<0.01				
		I3-Scrape Surface	0.91	0.56	48	0.11				
		I4-Scrape Door	4.04	0.52	48	<0.01				
		I6-Heat gun over 1100 degrees	1.60	0.56	48	<0.01				
I7-Kitchen	0.00									
Objective 1: Model 51	Intercept		1.29	0.46	15	0.01	.	room_id(unit_id)	0.63	253.94
	Avg. paint lead		0.30	0.07	48	<0.01	<0.01	experiment_number	0.52	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.23	0.39	48	0.55	0.08	Residual	0.33	
		Clean=1-rule; Plastic=2-no	0.65	0.37	48	0.09				
		Clean=2-base; Plastic=1-yes	-0.25	0.37	48	0.52				
		Clean=2-base; Plastic=2-no	0.00							
Intensity level	1-High	0.23	0.35	48	0.52	<0.01				

**Table I9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-Medium	2.41	0.36	48	<0.01				
		3-Low	0.00							
Objective 1: Model 52	Intercept		1.27	0.42	10	0.01	.	unit_id	0.31	235.55
	Avg. paint lead		0.20	0.06	48	<0.01	<0.01	experiment_number	0.41	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.21	0.33	48	0.53	0.04	Residual	0.33	
		Clean=1-rule; Plastic=2-no	0.64	0.33	48	0.06				
		Clean=2-base; Plastic=1-yes	-0.28	0.34	48	0.40				
		Clean=2-base; Plastic=2-no	0.00							
	Job type	I1-Cut Outs	0.27	0.42	48	0.51	<0.01			
		I2-Replace Windows	1.05	0.45	48	0.02				
		I3-Scrape Surface	1.73	0.49	48	<0.01				
		I4-Scrape Door	3.43	0.43	48	<0.01				
		I6-Heat gun over 1100 degrees	2.03	0.52	48	<0.01				
		I7-Kitchen	0.00							
Objective 2: Model 26	Intercept		3.42	0.45	10	<0.01	.	unit_id	1.07	292.19
	Plastic	1-yes	-0.48	0.43	48	0.26	0.26	experiment_number	1.66	
		2-no	0.00					Residual	0.33	
Objective 2: Model 27	Intercept		2.85	0.52	5	<0.01	.	unit_id	1.48	268.84
	Intensity level	1-High	0.00	0.42	48	1.00	<0.01	room_id(unit_id)	0.05	
		2-Medium	2.15	0.42	48	<0.01		experiment_number	0.81	
		3-Low	0.00					Residual	0.33	
	Plastic	1-yes	-0.71	0.32	48	0.03	0.03			
		2-no	0.00							
Objective 2: Model 28	Intercept		2.80	0.57	5	<0.01	.	unit_id	1.46	266.40
	Intensity level	1-High	0.01	0.58	48	0.98	<0.01	room_id(unit_id)	0.06	
		2-Medium	2.25	0.54	48	<0.01		experiment_number	0.87	
		3-Low	0.00					Residual	0.33	
	Plastic	1-yes	-0.61	0.60	48	0.32	0.05			
		2-no	0.00							
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.01	0.78	48	0.99	0.95			
		Intensity=1-High; Plastic=2-no	0.00							
		Intensity=2-Medium; Plastic=1-yes	-0.22	0.79	48	0.78				
		Intensity=2-Medium; Plastic=2-no	0.00							

**Table I9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 29	Intercept		2.14	0.39	10	<0.01	.	unit_id	0.31	244.75
	Job type	I1-Cut Outs	0.39	0.47	48	0.42	<0.01	experiment_number	0.62	.
		I2-Replace Windows	1.30	0.50	48	0.01		Residual	0.33	.
		I3-Scrape Surface	1.63	0.55	48	<0.01				.
		I4-Scrape Door	3.61	0.49	48	<0.01				.
		I6-Heat gun over 1100 degrees	2.62	0.56	48	<0.01				.
		I7-Kitchen	0.00	.	.	.				.
	Plastic	1-yes	-0.64	0.28	48	0.03	0.03			.
		2-no	0.00	.	.	.				.
Objective 2: Model 30	Intercept		1.75	0.50	10	<0.01	.	unit_id	0.45	230.77
	Job type	I1-Cut Outs	0.73	0.64	48	0.26	<0.01	experiment_number	0.52	.
		I2-Replace Windows	1.60	0.66	48	0.02		Residual	0.33	.
		I3-Scrape Surface	1.51	0.69	48	0.03				.
		I4-Scrape Door	4.64	0.65	48	<0.01				.
		I6-Heat gun over 1100 degrees	3.09	0.72	48	<0.01				.
		I7-Kitchen	0.00	.	.	.				.
	Plastic	1-yes	0.25	0.70	48	0.72	0.06			.
		2-no	0.00	.	.	.				.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.56	0.88	48	0.53	0.17			.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.				.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.65	0.89	48	0.47				.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.				.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.10	0.91	48	0.91				.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.				.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.07	0.91	48	0.03				.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.				.

**Table I9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=1-yes	-1.32	0.91	48	0.15				
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=2-no	0.00							
		Job_Type=l7-Kitchen; Plastic=1-yes	0.00							
		Job_Type=l7-Kitchen; Plastic=2-no	0.00							
Objective 3: Model 26	Intercept		3.01	0.45	10	<0.01	.	unit_id	1.15	292.98
	Clean	1-rule	0.31	0.41	48	0.44	0.44	experiment_number	1.68	
		2-base	0.00					Residual	0.33	
Objective 3: Model 27	Intercept		2.33	0.52	5	<0.01	.	unit_id	1.23	272.54
	Intensity level	1-High	0.07	0.44	48	0.88	<0.01	room_id(unit_id)	0.20	
		2-Medium	2.10	0.44	48	<0.01		experiment_number	0.89	
		3-Low	0.00					Residual	0.33	
	Clean	1-rule	0.31	0.32	48	0.33	0.33			
		2-base	0.00							
Objective 3: Model 28	Intercept		2.22	0.57	5	0.01	.	unit_id	1.27	269.84
	Intensity level	1-High	0.25	0.61	48	0.68	<0.01	room_id(unit_id)	0.17	
		2-Medium	2.28	0.61	48	<0.01		experiment_number	0.95	
		3-Low	0.00					Residual	0.33	
	Clean	1-rule	0.54	0.54	48	0.32	0.37			
		2-base	0.00							
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.38	0.80	48	0.63	0.86			
		Intensity=1-High; Clean=2-base	0.00							
		Intensity=2-Medium; Clean=1-rule	-0.36	0.77	48	0.64				
		Intensity=2-Medium; Clean=2-base	0.00							
		Intensity=3-Low; Clean=1-rule	0.00							
		Intensity=3-Low; Clean=2-base	0.00							
Objective 3: Model 29	Intercept		1.68	0.41	10	<0.01	.	unit_id	0.32	248.86
	Job type	l1-Cut Outs	0.42	0.50	48	0.40	<0.01	experiment_number	0.70	
		l2-Replace Windows	1.33	0.52	48	0.01		Residual	0.33	

**Table I9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I3-Scrape Surface	1.55	0.57	48	<0.01			.	.
		I4-Scrape Door	3.56	0.52	48	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.66	0.59	48	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.28	0.28	48	0.33	0.33		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 30	Intercept		1.68	0.55	10	0.01	.	unit_id	0.32	239.27
	Job type	I1-Cut Outs	0.27	0.74	48	0.71	<0.01	experiment_number	0.77	.
		I2-Replace Windows	1.27	0.77	48	0.10		Residual	0.33	.
		I3-Scrape Surface	1.79	0.80	48	0.03			.	.
		I4-Scrape Door	3.15	0.73	48	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.98	0.80	48	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.22	0.77	48	0.78	0.32		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.25	1.04	48	0.81	0.82		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.24	1.03	48	0.81			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.40	1.03	48	0.70			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.80	1.04	48	0.44			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.44	1.03	48	0.67			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1- rule	0.00	.	.	.			.	.

**Table I9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.	.	.	.	.
Objective Y: Model 11	Intercept		0.68	1.01	10	0.52	.	unit_id	0.93	266.30
	Intensity level	1-High	-0.14	0.42	48	0.74	<0.01	experiment_number	0.81	.
		2-Medium	1.44	0.48	48	<0.01		Residual	0.33	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.28	0.11	48	0.02	0.02		.	.
	Plastic	1-yes	-0.58	0.32	48	0.08	0.08		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 12	Intercept		2.45	1.20	10	0.07	.	unit_id	0.33	246.75
	Job type	I1-Cut Outs	0.34	0.51	48	0.50	<0.01	experiment_number	0.63	.
		I2-Replace Windows	1.36	0.55	48	0.02		Residual	0.33	.
		I3-Scrape Surface	1.66	0.57	48	<0.01			.	.
		I4-Scrape Door	3.73	0.67	48	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.69	0.67	48	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		-0.04	0.14	48	0.79	0.79		.	.
	Plastic	1-yes	-0.65	0.29	48	0.03	0.03		.	.
		2-no	0.00	.	.	.			.	.

**Table I10. Rule vs. Non-rule Work Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 1	Intercept		4.73	0.46	5	<0.01	.	unit_id	0.45	245.08
	Rule	Rule=Yes	-1.17	0.46	72	0.01	0.01	room_id(unit_id)	0.77	.
			.	.	.	.	.	experiment_number	0.77	.
			.	.	.	.	.	Residual	0.38	.
Objective 7: Model 2	Intercept		4.19	0.50	5	<0.01	.	unit_id	0.14	238.83
	Rule	Rule=Yes	-1.28	0.41	72	<0.01	<0.01	room_id(unit_id)	1.24	.
	Intensity level	1-High	0.64	0.51	72	0.22	0.06	experiment_number	0.51	.
		2-Medium	1.48	0.61	72	0.02		Residual	0.38	.
	3-Low	0.00	.	.	.			.	.	
Objective 7: Model 3	Intercept		4.22	0.59	5	<0.01	.	unit_id	0.03	234.27
	Rule	Rule=Yes	-1.46	0.75	72	0.06	<0.01	room_id(unit_id)	1.36	.
	Intensity level	1-High	0.94	0.74	72	0.21	0.17	experiment_number	0.53	.
		2-Medium	1.35	0.72	72	0.07		Residual	0.38	.
		3-Low	0.00	.	.	.			.	.
	Rule*Intensity level	1-High	-0.47	0.96	72	0.63	0.49		.	.
2-Medium		0.64	0.94	72	0.50			.	.	
3-Low		0.00	.	.	.			.	.	
Objective 7: Model 4	Intercept		4.01	0.42	6	<0.01	.	room_id(unit_id)	0.10	215.94
	Rule	Rule=Yes	-1.51	0.31	72	<0.01	<0.01	experiment_number	0.41	.
	Job type	I1-Cut Outs	-0.63	0.52	72	0.23	<0.01	Residual	0.38	.
		I2-Replace Windows	0.99	0.55	72	0.07			.	.
		I3-Scrape Surface	0.54	0.57	72	0.35			.	.
		I4-Scrape Door	2.12	0.54	72	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.71	0.56	72	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
			.	.	.	.		.	.	
Objective 7: Model 5	Intercept		3.92	0.54	2	0.02	.	room_id(unit_id)	0.15	202.73
	Rule	Rule=Yes	-1.36	0.76	72	0.08	<0.01	experiment_number	0.35	.
	Job type	I1-Cut Outs	-0.43	0.71	72	0.55	<0.01	Residual	0.38	.
		I2-Replace Windows	0.99	0.77	72	0.20			.	.
		I3-Scrape Surface	0.27	0.77	72	0.73			.	.
		I4-Scrape Door	1.81	0.70	72	0.01			.	.
		I6-Heat gun over 1100 degrees	3.47	0.76	72	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
				.	.	.	.		.	.
Rule*Job type	Rule=Yes; I1-Cut Outs	-0.33	1.01	72	0.75	0.35		.	.	
	Rule=Yes; I2-Replace Windows	0.00	1.08	72	1.00			.	.	



**Table I10. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Rule=Yes; I3-Scrape Surface	0.58	1.01	72	0.57			.	.
		Rule=Yes; I4-Scrape Door	0.50	1.01	72	0.62			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-1.47	1.04	72	0.16			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

**Table I11. Rule vs. Non-rule Tool Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 6	Intercept		4.44	0.61	5	<0.01	.	unit_id	0.10	180.39	
	Rule	Rule=Yes	-0.59	0.79	24	0.46	0.46	room_id(unit_id)	0.63		
			.	.	.	.		experiment_number	2.79		
			.	.	.	.		Residual	0.94		
Objective 7: Model 7	Intercept		3.41	0.74	7	<0.01	.	room_id(unit_id)	2.78	171.45	
	Rule	Rule=Yes	-0.81	0.63	24	0.22	0.22	experiment_number	1.03		
	Intensity level	1-High	0.71	0.79	24	0.38	<0.01	Residual	0.94		
		2-Medium	3.16	0.93	24	<0.01					
		3-Low	0.00	.	.	.					
Objective 7: Model 8	Intercept		3.48	0.93	5	0.01	.	unit_id	0.11	165.85	
	Rule	Rule=Yes	-0.66	1.24	24	0.60	0.35	room_id(unit_id)	2.07		
	Intensity level	1-High	0.40	1.23	24	0.75	0.05	experiment_number	1.55		
		2-Medium	2.92	1.21	24	0.02		Residual	0.94		
			3-Low	0.00	.	.	.				
		Rule*Intensity level	1-High	0.53	1.63	24	0.75	0.78			
			2-Medium	-0.60	1.60	24	0.71				
		3-Low	0.00	.	.	.					
Objective 7: Model 9	Intercept		2.60	0.61	8	<0.01	.	unit_id	0.42	144.21	
	Rule	Rule=Yes	-0.78	0.43	24	0.08	0.08	experiment_number	0.45		
	Job type	I1-Cut Outs	-0.34	0.73	24	0.65	<0.01	Residual	0.94		
		I2-Replace Windows	2.56	0.77	24	<0.01					
		I3-Scrape Surface	1.96	0.85	24	0.03					
		I4-Scrape Door	4.15	0.76	24	<0.01					
		I6-Heat gun over 1100 degrees	4.02	0.83	24	<0.01					
		I7-Kitchen	0.00	.	.	.					
Objective 7: Model 10	Intercept		2.40	0.90	4	0.06	.	unit_id	0.13	131.32	
	Rule	Rule=Yes	-0.14	1.27	24	0.91	0.17	experiment_number	1.03		
	Job type	I1-Cut Outs	0.00	1.25	24	1.00	<0.01	Residual	0.94		
		I2-Replace Windows	2.34	1.27	24	0.08					
		I3-Scrape Surface	1.98	1.28	24	0.13					
		I4-Scrape Door	4.78	1.25	24	<0.01					
		I6-Heat gun over 1100 degrees	3.98	1.27	24	<0.01					
			I7-Kitchen	0.00	.	.	.				
	Rule*Job type	Rule=Yes; I1-Cut Outs	-0.68	1.77	24	0.71	0.97				

**Table I11. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Rule=Yes; I2-Replace Windows	-0.37	1.77	24	0.84			.	.
		Rule=Yes; I3-Scrape Surface	-0.68	1.77	24	0.70			.	.
		Rule=Yes; I4-Scrape Door	-1.54	1.77	24	0.39			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-0.27	1.77	24	0.88			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

**Table I12. Rule vs. Non-rule Observation Room Residential Unit Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 11	Intercept		3.64	0.53	8	<0.01	.	unit_id	0.37	167.43
	Rule	Rule=Yes	-0.55	0.69	24	0.43	0.43	experiment_number	2.28	.
			.	.	.	.	.	Residual	0.71	.
Objective 7: Model 12	Intercept		2.37	0.57	7	<0.01	.	room_id(unit_id)	0.30	154.44
	Rule	Rule=Yes	-0.70	0.56	24	0.23	0.23	experiment_number	1.33	.
	Intensity level	1-High	1.37	0.69	24	0.06	<0.01	Residual	0.71	.
		2-Medium	2.63	0.72	24	<0.01	.	.	.	.
	3-Low	0.00	.	.	.	.	.	.	.	
Objective 7: Model 13	Intercept		2.07	0.73	5	0.04	.	room_id(unit_id)	0.06	149.18
	Rule	Rule=Yes	-0.11	1.02	24	0.91	0.23	experiment_number	1.69	.
	Intensity level	1-High	1.97	1.02	24	0.07	0.02	Residual	0.71	.
		2-Medium	2.99	1.02	24	<0.01	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
	Rule*Intensity level	1-High	-0.94	1.44	24	0.52	0.77	.	.	.
2-Medium		-0.89	1.44	24	0.54	.	.	.	.	
3-Low		0.00	.	.	.	.	.	.	.	
Objective 7: Model 14	Intercept		2.57	0.56	8	<0.01	.	unit_id	0.14	135.11
	Rule	Rule=Yes	-0.71	0.41	24	0.10	0.10	experiment_number	0.57	.
	Job type	I1-Cut Outs	-0.49	0.70	24	0.49	<0.01	Residual	0.71	.
		I2-Replace Windows	0.25	0.72	24	0.73	.	.	.	.
		I3-Scrape Surface	1.39	0.75	24	0.08	.	.	.	.
		I4-Scrape Door	3.37	0.72	24	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	2.71	0.75	24	<0.01	.	.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
			.	.	.	.	.	.	.	
Objective 7: Model 15	Intercept		2.65	0.83	4	0.03	.	unit_id	0.07	122.49
	Rule	Rule=Yes	-0.84	1.17	24	0.48	0.14	experiment_number	0.95	.
	Job type	I1-Cut Outs	-0.77	1.15	24	0.51	<0.01	Residual	0.71	.
		I2-Replace Windows	-0.31	1.17	24	0.79	.	.	.	.
		I3-Scrape Surface	1.40	1.17	24	0.24	.	.	.	.
		I4-Scrape Door	3.39	1.15	24	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	2.88	1.17	24	0.02	.	.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
				.	.	.	.	.	.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	0.56	1.63	24	0.73	0.96	.	.	.
Rule=Yes; I2-Replace Windows		0.87	1.63	24	0.60	.	.	.	.	
Rule=Yes; I3-Scrape Surface		-0.07	1.63	24	0.97	.	.	.	.	

**Table I12. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Rule=Yes; I4-Scrape Door	-0.20	1.63	24	0.90			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-0.45	1.63	24	0.78			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

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## **APPENDIX J**

### **DETAILED STATISTICAL MODELING RESULTS OF RESIDENTIAL WINDOW SILL LEAD LEVELS**

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**Table J1. Post-Work Work Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept		6.78	0.72	15	<0.01	.	room_id(unit_id)	2.66	214.85
	Intensity level	1-High	-1.05	0.84	30	0.22	<0.01	Residual	4.24	.
		2-Medium	2.76	0.87	30	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 2	Intercept		4.50	0.74	15	<0.01	.	room_id(unit_id)	0.59	192.49
	Job type	I1-Cut Outs	1.60	1.02	27	0.13	<0.01	Residual	3.85	.
		I2-Replace Windows	3.28	1.07	27	<0.01			.	.
		I3-Scrape Surface	2.14	1.10	27	0.06			.	.
		I4-Scrape Door	6.04	1.04	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	3.11	1.09	27	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 3	Intercept		5.67	0.87	15	<0.01	.	room_id(unit_id)	1.53	215.20
	Square feet disturbed		-0.02	0.02	28	0.35	0.35	Residual	4.10	.
	Avg. paint lead		0.40	0.14	28	<0.01	<0.01		.	.
	Intensity level	1-High	-0.23	1.27	28	0.86	<0.01		.	.
		2-Medium	3.37	1.14	28	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 4	Intercept		2.55	1.74	15	0.16	.	room_id(unit_id)	0.81	197.19
	Square feet disturbed		0.03	0.03	25	0.33	0.33	Residual	3.68	.
	Avg. paint lead		0.14	0.15	25	0.35	0.35		.	.
	Job type	I1-Cut Outs	2.75	1.55	25	0.09	<0.01		.	.
		I2-Replace Windows	4.22	1.79	25	0.03			.	.
		I3-Scrape Surface	1.56	1.31	25	0.25			.	.
		I4-Scrape Door	6.56	1.25	25	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.15	1.26	25	0.10			.	.
I7-Kitchen		0.00	.	.	.			.	.	

**Table J2. Post-Work Tool Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 5	Intercept		4.31	0.49	15	<0.01	.	room_id(unit_id)	1.56	176.37
	Intensity level	1-High	-0.02	0.54	30	0.97	0.03	Residual	1.66	.
		2-Medium	1.41	0.56	30	0.02			.	.
		3-Low	0.00						.	.
Objective 1: Model 6	Intercept		3.83	0.57	15	<0.01	.	room_id(unit_id)	1.10	164.04
	Job type	I1-Cut Outs	0.48	0.70	27	0.50	0.02	Residual	1.60	.
		I2-Replace Windows	0.66	0.83	27	0.43			.	.
		I3-Scrape Surface	0.34	0.86	27	0.70			.	.
		I4-Scrape Door	2.61	0.73	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.37	0.85	27	0.12			.	.
		I7-Kitchen	0.00						.	.
Objective 1: Model 7	Intercept		3.35	0.53	15	<0.01	.	room_id(unit_id)	0.60	172.01
	Square feet disturbed		-0.02	0.01	28	0.09	0.09	Residual	1.48	.
	Avg. paint lead		0.35	0.09	28	<0.01	<0.01		.	.
	Intensity level	1-High	1.13	0.77	28	0.15	<0.01		.	.
		2-Medium	2.17	0.69	28	<0.01			.	.
	3-Low	0.00						.	.	
Objective 1: Model 8	Intercept		3.86	1.16	15	<0.01	.	room_id(unit_id)	0.74	164.86
	Square feet disturbed		-0.01	0.02	25	0.50	0.50	Residual	1.46	.
	Avg. paint lead		0.30	0.10	25	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	-0.21	1.01	25	0.84	0.04		.	.
		I2-Replace Windows	-0.65	1.22	25	0.60			.	.
		I3-Scrape Surface	0.71	0.89	25	0.43			.	.
		I4-Scrape Door	1.84	0.83	25	0.04			.	.
	I6-Heat gun over 1100 degrees	0.53	0.86	25	0.54			.	.	
	I7-Kitchen	0.00						.	.	

**Table J2. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 9	Intercept		4.52	0.53	15	<0.01	.	room_id(unit_id)	1.57	175.25
	Plastic	1-yes	-0.42	0.42	29	0.32	0.32	Residual	1.65	.
		2-no	0.00	.	.	.	.	.	.	.
	Intensity level	1-High	-0.02	0.54	29	0.97	0.02		.	.
		2-Medium	1.47	0.56	29	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept		4.02	0.60	15	<0.01	.	room_id(unit_id)	1.05	163.14
	Plastic	1-yes	-0.38	0.41	26	0.37	0.37	Residual	1.62	.
		2-no	0.00	.	.	.	.	.	.	.
	Job type	I1-Cut Outs	0.44	0.70	26	0.54	0.02		.	.
		I2-Replace Windows	0.66	0.83	26	0.43			.	.
		I3-Scrape Surface	0.39	0.86	26	0.66			.	.
		I4-Scrape Door	2.62	0.73	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.37	0.85	26	0.12			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table J3. Post-Work Observation Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 11	Intercept		3.99	0.43	15	<0.01	.	room_id(unit_id)	1.34	161.73
	Intensity level	1-High	-0.05	0.46	30	0.92	0.02	Residual	1.14	.
		2-Medium	1.22	0.47	30	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 12	Intercept		3.65	0.49	15	<0.01	.	room_id(unit_id)	0.82	151.91
	Job type	I1-Cut Outs	-0.26	0.60	27	0.67	0.04	Residual	1.20	.
		I2-Replace Windows	1.03	0.72	27	0.16			.	.
		I3-Scrape Surface	0.35	0.74	27	0.64			.	.
		I4-Scrape Door	1.83	0.63	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.91	0.73	27	0.23			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 13	Intercept		3.31	0.50	15	<0.01	.	room_id(unit_id)	0.57	165.33
	Square feet disturbed		-0.01	0.01	28	0.24	0.24	Residual	1.25	.
	Avg. paint lead		0.24	0.08	28	<0.01	<0.01		.	.
	Intensity level	1-High	0.77	0.71	28	0.29	0.03		.	.
		2-Medium	1.65	0.64	28	0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 14	Intercept		3.29	1.07	15	<0.01	.	room_id(unit_id)	0.55	158.06
	Square feet disturbed		0.00	0.02	25	0.97	0.97	Residual	1.27	.
	Avg. paint lead		0.17	0.10	25	0.09	0.09		.	.
	Job type	I1-Cut Outs	-0.39	0.93	25	0.68	0.09		.	.
		I2-Replace Windows	0.59	1.12	25	0.60			.	.
		I3-Scrape Surface	0.37	0.82	25	0.66			.	.
		I4-Scrape Door	1.57	0.76	25	0.05			.	.
	I6-Heat gun over 1100 degrees	0.49	0.79	25	0.54			.	.	
	I7-Kitchen	0.00	.	.	.			.	.	

**Table J3. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 15	Intercept		4.03	0.47	15	<0.01	.	room_id(unit_id)	1.34	161.90
	Plastic	1-yes	-0.08	0.36	29	0.83	0.83	Residual	1.17	.
		2-no	0.00	.	.	.	.	.	.	.
	Intensity level	1-High	-0.04	0.46	29	0.93	0.02	.	.	.
		2-Medium	1.22	0.48	29	0.02	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 16	Intercept		3.69	0.52	15	<0.01	.	room_id(unit_id)	0.80	152.06
	Plastic	1-yes	-0.09	0.36	26	0.80	0.80	Residual	1.24	.
		2-no	0.00	.	.	.	.	.	.	.
	Job type	I1-Cut Outs	-0.27	0.61	26	0.67	0.04	.	.	.
		I2-Replace Windows	1.03	0.72	26	0.17	.	.	.	.
		I3-Scrape Surface	0.36	0.75	26	0.64	.	.	.	.
		I4-Scrape Door	1.83	0.64	26	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	0.93	0.74	26	0.22	.	.	.	.
I7-Kitchen	0.00	.	.	.	.	.	.	.		

**Table J4. Post-Cleaning Work Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 17	Intercept		4.23	0.50	15	<0.01	.	room_id(unit_id)	1.91	173.58
	Intensity level	1-High	0.74	0.52	30	0.16	0.14	Residual	1.44	.
		2-Medium	1.04	0.53	30	0.06			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 18	Intercept		4.56	0.57	15	<0.01	.	room_id(unit_id)	1.16	164.11
	Job type	I1-Cut Outs	-0.50	0.70	27	0.48	0.14	Residual	1.58	.
		I2-Replace Windows	0.15	0.83	27	0.86			.	.
		I3-Scrape Surface	-0.64	0.86	27	0.47			.	.
		I4-Scrape Door	1.22	0.73	27	0.11			.	.
		I6-Heat gun over 1100 degrees	1.21	0.85	27	0.17			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 19	Intercept		3.91	0.60	15	<0.01	.	room_id(unit_id)	1.13	178.79
	Square feet disturbed		-0.02	0.01	28	0.18	0.18	Residual	1.57	.
	Avg. paint lead		0.20	0.10	28	0.05	0.05		.	.
	Intensity level	1-High	1.62	0.84	28	0.06	0.10		.	.
		2-Medium	1.62	0.73	28	0.03			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 20	Intercept		4.94	1.26	15	<0.01	.	room_id(unit_id)	0.96	171.24
	Square feet disturbed		-0.01	0.02	25	0.54	0.54	Residual	1.68	.
	Avg. paint lead		0.13	0.11	25	0.26	0.26		.	.
	Job type	I1-Cut Outs	-1.04	1.09	25	0.35	0.25		.	.
		I2-Replace Windows	-0.65	1.33	25	0.63			.	.
		I3-Scrape Surface	-0.32	0.97	25	0.74			.	.
		I4-Scrape Door	0.79	0.90	25	0.38			.	.
	I6-Heat gun over 1100 degrees	1.04	0.94	25	0.28			.	.	
I7-Kitchen	0.00	.	.	.			.	.		
Objective 1: Model 21	Intercept		4.62	0.63	15	<0.01	.	room_id(unit_id)	1.38	162.79

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Avg. paint lead		0.16	0.09	26	0.09	0.09	Residual	1.22	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.58	0.52	26	<0.01	0.02		.	.
		Clean=1-rule; Plastic=2-no	-1.27	0.50	26	0.02			.	.
		Clean=2-base; Plastic=1-yes	-0.82	0.50	26	0.11			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.67	0.47	26	0.17	0.10		.	.
		2-Medium	1.06	0.49	26	0.04			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 22	Intercept		5.35	0.66	15	<0.01	.	room_id(unit_id)	0.98	153.43
	Avg. paint lead		0.11	0.10	23	0.29	0.29	Residual	1.27	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.67	0.52	23	<0.01	0.02		.	.
		Clean=1-rule; Plastic=2-no	-1.42	0.51	23	0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.86	0.51	23	0.10			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.49	0.63	23	0.45	0.12		.	.
		I2-Replace Windows	-0.15	0.79	23	0.85			.	.
		I3-Scrape Surface	-0.76	0.79	23	0.35			.	.
		I4-Scrape Door	1.23	0.67	23	0.08			.	.
		I6-Heat gun over 1100 degrees	0.72	0.84	23	0.40			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 1	Intercept		5.08	0.43	15	<0.01	.	room_id(unit_id)	1.53	176.77
	Plastic	1-yes	-0.52	0.41	31	0.22	0.22	Residual	1.60	.
		2-no	0.00	.	.	.			.	.

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 2	Intercept		4.51	0.53	15	<0.01	.	room_id(unit_id)	1.87	171.40
	Intensity level	1-High	0.75	0.51	29	0.15	0.10	Residual	1.40	.
		2-Medium	1.14	0.53	29	0.04			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.59	0.40	29	0.15	0.15		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 3	Intercept		4.16	0.62	15	<0.01	.	room_id(unit_id)	1.94	165.28
	Intensity level	1-High	1.57	0.72	27	0.04	0.08	Residual	1.34	.
		2-Medium	1.29	0.65	27	0.06			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.02	0.75	27	0.98	0.15		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-1.52	0.98	27	0.13	0.25		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.18	0.94	27	0.85			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
	Objective 2: Model 4	Intercept		4.83	0.59	15	<0.01	.	room_id(unit_id)	1.05
Job type		I1-Cut Outs	-0.54	0.69	26	0.45	0.12	Residual	1.57	.
		I2-Replace Windows	0.19	0.82	26	0.82			.	.
		I3-Scrape Surface	-0.55	0.85	26	0.53			.	.
		I4-Scrape Door	1.27	0.72	26	0.09			.	.
		I6-Heat gun over 1100 degrees	1.25	0.84	26	0.15			.	.
		I7-Kitchen	0.00	.	.	.			.	.



**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1=yes	-0.58	0.41	26	0.17	0.17		.	.
		2=no	0.00	.	.	.			.	.
Objective 2: Model 5	Intercept		5.67	0.78	15	<0.01	.	room_id(unit_id)	1.19	147.09
	Job type	I1-Cut Outs	-1.57	0.97	21	0.12	0.14	Residual	1.57	.
		I2-Replace Windows	-1.07	1.18	21	0.37			.	.
		I3-Scrape Surface	-1.62	1.06	21	0.14			.	.
		I4-Scrape Door	0.50	1.01	21	0.62			.	.
		I6-Heat gun over 1100 degrees	0.48	1.12	21	0.67			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1=yes	-2.26	1.08	21	0.05	0.16		.	.
		2=no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1=yes	1.95	1.34	21	0.16	0.56		.	.
		Job_Type=I1-Cut Outs; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1=yes	2.47	1.64	21	0.15			.	.
		Job_Type=I2-Replace Windows; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1=yes	2.46	1.40	21	0.09			.	.
		Job_Type=I3-Scrape Surface; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1=yes	1.48	1.42	21	0.31			.	.
		Job_Type=I4-Scrape Door; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1=yes	1.48	1.45	21	0.32			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2=no	0.00	.	.	.			.	.

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 1	Intercept		5.32	0.41	15	<0.01	.	room_id(unit_id)	1.47	171.77
	Clean	1-rule	-1.00	0.37	31	0.01	0.01	Residual	1.40	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 2	Intercept		4.75	0.51	15	<0.01	.	room_id(unit_id)	1.73	167.00
	Intensity level	1-High	0.68	0.48	29	0.17	0.12	Residual	1.25	.
		2-Medium	1.01	0.50	29	0.05			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.96	0.36	29	0.01	0.01		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 3	Intercept		5.12	0.56	15	<0.01	.	room_id(unit_id)	1.76	161.56
	Intensity level	1-High	0.16	0.63	27	0.80	0.14	Residual	1.22	.
		2-Medium	0.34	0.66	27	0.61			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-1.71	0.57	27	<0.01	0.01		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	1.05	0.84	27	0.22	0.27		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	1.27	0.81	27	0.13			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 3: Model 4	Intercept		5.17	0.56	15	<0.01	.	room_id(unit_id)	1.04	156.08
	Job type	I1-Cut Outs	-0.43	0.64	26	0.50	0.07	Residual	1.31	.
		I2-Replace Windows	0.06	0.77	26	0.94			.	.
		I3-Scrape Surface	-0.87	0.80	26	0.29			.	.
		I4-Scrape Door	1.32	0.67	26	0.06			.	.
		I6-Heat gun over 1100 degrees	1.05	0.79	26	0.20			.	.
		I7-Kitchen	0.00	.	.	.			.	.
		Clean	1-rule	-1.08	0.36	26	<0.01	<0.01		.
	2-base		0.00	.	.	.			.	.
Objective 3: Model 5	Intercept		4.96	0.72	15	<0.01	.	room_id(unit_id)	1.13	140.94
	Job type	I1-Cut Outs	0.05	0.90	21	0.95	0.08	Residual	1.25	.
		I2-Replace Windows	0.70	1.01	21	0.49			.	.
		I3-Scrape Surface	-0.65	1.07	21	0.55			.	.
		I4-Scrape Door	0.53	0.88	21	0.55			.	.
		I6-Heat gun over 1100 degrees	1.29	1.02	21	0.22			.	.
		I7-Kitchen	0.00	.	.	.			.	.
		Clean	1-rule	-0.82	0.98	21	0.41	<0.01		.
	2-base		0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-1.05	1.27	21	0.42	0.36		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-1.00	1.28	21	0.44			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.47	1.26	21	0.71			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I4-Scrape Door; Clean=1-rule	1.46	1.28	21	0.27			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.19	1.31	21	0.88			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 1	Intercept		1.34	1.20	15	0.28	.	room_id(unit_id)	0.72	155.42
	Intensity level	1-High	0.19	0.47	26	0.69	0.49	Residual	1.20	.
		2-Medium	-0.45	0.59	26	0.46			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.49	0.14	26	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.47	0.50	26	<0.01	0.03		.	.
		Clean=1-rule; Plastic=2-no	-1.15	0.48	26	0.03			.	.
		Clean=2-base; Plastic=1-yes	-0.63	0.49	26	0.21			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 2	Intercept		2.19	1.59	15	0.19	.	room_id(unit_id)	0.72	148.45
	Job type	I1-Cut Outs	0.03	0.64	23	0.96	0.55	Residual	1.22	.
		I2-Replace Windows	-0.30	0.74	23	0.68			.	.
		I3-Scrape Surface	-1.21	0.76	23	0.13			.	.
		I4-Scrape Door	0.09	0.85	23	0.92			.	.

**Table J4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.27	0.83	23	0.75			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.42	0.18	23	0.03	0.03		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.54	0.51	23	<0.01	0.02		.	.
		Clean=1-rule; Plastic=2-no	-1.28	0.49	23	0.02			.	.
		Clean=2-base; Plastic=1-yes	-0.69	0.50	23	0.18			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table J5. Post-Cleaning Tool Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 23	Intercept		4.08	0.46	15	<0.01	.	room_id(unit_id)	1.27	171.40
	Intensity level	1-High	0.56	0.52	30	0.29	0.05	Residual	1.52	.
		2-Medium	1.35	0.53	30	0.02			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 24	Intercept		4.41	0.53	15	<0.01	.	room_id(unit_id)	1.00	157.92
	Job type	I1-Cut Outs	-0.39	0.65	27	0.55	0.02	Residual	1.36	.
		I2-Replace Windows	0.00	0.78	27	1.00			.	.
		I3-Scrape Surface	-0.68	0.80	27	0.41			.	.
		I4-Scrape Door	1.94	0.68	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.77	0.79	27	0.34			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 25	Intercept		3.29	0.50	15	<0.01	.	room_id(unit_id)	0.47	168.75
	Square feet disturbed		-0.02	0.01	28	0.06	0.06	Residual	1.41	.
	Avg. paint lead		0.31	0.08	28	<0.01	<0.01		.	.
	Intensity level	1-High	1.79	0.74	28	0.02	<0.01		.	.
		2-Medium	2.24	0.67	28	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 26	Intercept		3.87	1.11	15	<0.01	.	room_id(unit_id)	0.72	160.77
	Square feet disturbed		0.00	0.02	25	0.97	0.97	Residual	1.30	.
	Avg. paint lead		0.24	0.10	25	0.02	0.02		.	.
	Job type	I1-Cut Outs	-0.54	0.96	25	0.58	0.03		.	.
		I2-Replace Windows	-0.63	1.16	25	0.59			.	.
		I3-Scrape Surface	-0.53	0.85	25	0.54			.	.
		I4-Scrape Door	1.55	0.79	25	0.06			.	.
		I6-Heat gun over 1100 degrees	0.01	0.82	25	0.99			.	.
I7-Kitchen		0.00	.	.	.			.	.	

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 27	Intercept		3.13	0.61	15	<0.01	.	room_id(unit_id)	0.90	160.99	
	Avg. paint lead		0.27	0.09	26	<0.01	<0.01	Residual	1.31	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.45	0.52	26	0.40	0.36		.	.
		Clean=1-rule; Plastic=2-no		0.47	0.51	26	0.36			.	.
		Clean=2-base; Plastic=1-yes		-0.21	0.51	26	0.68			.	.
	Intensity level	Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
		1-High		0.57	0.47	26	0.24	0.02		.	.
		2-Medium		1.49	0.49	26	<0.01			.	.
		3-Low		0.00	.	.	.			.	.
Objective 1: Model 28	Intercept		3.99	0.63	15	<0.01	.	room_id(unit_id)	0.69	151.13	
	Avg. paint lead		0.23	0.09	23	0.02	0.02	Residual	1.28	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.55	0.51	23	0.30	0.44		.	.
		Clean=1-rule; Plastic=2-no		0.28	0.50	23	0.58			.	.
		Clean=2-base; Plastic=1-yes		-0.25	0.50	23	0.62			.	.
	Job type	Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
		I1-Cut Outs		-0.55	0.62	23	0.38	0.03		.	.
		I2-Replace Windows		-0.56	0.75	23	0.46			.	.
		I3-Scrape Surface		-0.43	0.75	23	0.58			.	.
		I4-Scrape Door		1.61	0.66	23	0.02			.	.
I6-Heat gun over 1100 degrees			0.05	0.80	23	0.96			.	.	
I7-Kitchen			0.00	.	.	.			.	.	
Objective 2: Model 6	Intercept		4.95	0.40	15	<0.01	.	room_id(unit_id)	0.97	176.43	
	Plastic	1-yes	-0.55	0.43	31	0.20	0.20	Residual	1.77	.	

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 7	Intercept		4.40	0.49	15	<0.01	.	room_id(unit_id)	1.31	168.72
	Intensity level	1-High	0.55	0.50	29	0.28	0.03	Residual	1.44	.
		2-Medium	1.46	0.52	29	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.66	0.39	29	0.11	0.11		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 8	Intercept		3.83	0.57	15	<0.01	.	room_id(unit_id)	1.38	160.74
	Intensity level	1-High	1.04	0.69	27	0.15	0.04	Residual	1.30	.
		2-Medium	2.37	0.64	27	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.58	0.72	27	0.43	0.24		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-1.10	0.95	27	0.26	0.10		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-2.06	0.91	27	0.03			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 9	Intercept		4.70	0.55	15	<0.01	.	room_id(unit_id)	0.96	155.47
	Job type	I1-Cut Outs	-0.43	0.64	26	0.50	0.01	Residual	1.31	.
		I2-Replace Windows	0.02	0.76	26	0.98			.	.
		I3-Scrape Surface	-0.57	0.79	26	0.48			.	.
		I4-Scrape Door	1.98	0.66	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.77	0.78	26	0.33			.	.



**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.60	0.37	26	0.12	0.12		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 10	Intercept		4.08	0.70	15	<0.01	.	room_id(unit_id)	1.37	137.85
	Job type	I1-Cut Outs	-0.51	0.83	21	0.55	0.01	Residual	1.08	.
		I2-Replace Windows	0.30	1.06	21	0.78			.	.
		I3-Scrape Surface	0.00	0.92	21	1.00			.	.
		I4-Scrape Door	3.18	0.87	21	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.44	1.00	21	0.16			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.59	0.96	21	0.55	0.40		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.48	1.14	21	0.68	0.16		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.24	1.47	21	0.87			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-1.72	1.21	21	0.17			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.41	1.23	21	0.06			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.53	1.26	21	0.24			.	.

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 6	Intercept		4.59	0.40	15	<0.01	.	room_id(unit_id)	1.08	178.06
	Clean	1-rule	0.12	0.42	31	0.77	0.77	Residual	1.81	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 7	Intercept		3.98	0.51	15	<0.01	.	room_id(unit_id)	1.36	171.20
	Intensity level	1-High	0.56	0.52	29	0.29	0.05	Residual	1.53	.
		2-Medium	1.36	0.53	29	0.02			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.20	0.39	29	0.61	0.61		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 8	Intercept		3.96	0.58	15	<0.01	.	room_id(unit_id)	1.28	168.00
	Intensity level	1-High	0.68	0.72	27	0.35	0.07	Residual	1.65	.
		2-Medium	1.32	0.74	27	0.09			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.22	0.66	27	0.74	0.68		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.19	0.96	27	0.84	0.97		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.05	0.94	27	0.96			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 9	Intercept		4.38	0.57	15	<0.01	.	room_id(unit_id)	1.02	158.04
	Job type	I1-Cut Outs	-0.40	0.66	26	0.55	0.02	Residual	1.40	.
		I2-Replace Windows	0.00	0.78	26	1.00			.	.
		I3-Scrape Surface	-0.67	0.82	26	0.42			.	.
		I4-Scrape Door	1.93	0.69	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.78	0.80	26	0.34			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.05	0.37	26	0.89	0.89		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 10	Intercept		4.84	0.77	15	<0.01	.	room_id(unit_id)	1.03	146.46
	Job type	I1-Cut Outs	-0.78	0.99	21	0.44	0.03	Residual	1.56	.
		I2-Replace Windows	-0.63	1.08	21	0.57			.	.
		I3-Scrape Surface	-1.23	1.14	21	0.30			.	.
		I4-Scrape Door	1.25	0.97	21	0.21			.	.
		I6-Heat gun over 1100 degrees	0.28	1.10	21	0.80			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.92	1.06	21	0.40	0.97		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.72	1.39	21	0.61	0.92		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.31	1.40	21	0.36			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.93	1.38	21	0.51			.	.

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.46	1.39	21	0.31			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	1.18	1.42	21	0.42			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 3	Intercept		1.29	1.23	15	0.31	.	room_id(unit_id)	0.63	165.05
	Intensity level	1-High	0.32	0.51	28	0.54	0.80	Residual	1.50	.
		2-Medium	0.33	0.63	28	0.60			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.39	0.15	28	0.01	0.01		.	.
	Plastic	1-yes	-0.52	0.39	28	0.19	0.19		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 4	Intercept		2.72	1.64	15	0.12	.	room_id(unit_id)	0.66	155.49
	Job type	I1-Cut Outs	-0.18	0.68	25	0.80	0.39	Residual	1.41	.
		I2-Replace Windows	-0.38	0.77	25	0.63			.	.
		I3-Scrape Surface	-0.84	0.79	25	0.30			.	.
		I4-Scrape Door	1.13	0.90	25	0.22			.	.
		I6-Heat gun over 1100 degrees	0.30	0.87	25	0.73			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table J5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Avg. PostWork Work Floor Lead		0.25	0.19	25	0.21	0.21		.	.
	Plastic	1-yes	-0.53	0.38	25	0.18	0.18		.	.
		2-no	0.00	.	.	.			.	.

**Table J6. Post-Cleaning Observation Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 29	Intercept		3.76	0.40	15	<0.01	.	room_id(unit_id)	1.14	154.59
	Intensity level	1-High	0.08	0.42	30	0.84	0.08	Residual	0.97	.
		2-Medium	0.94	0.43	30	0.04			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 30	Intercept		3.86	0.45	15	<0.01	.	room_id(unit_id)	1.12	137.53
	Job type	I1-Cut Outs	0.12	0.48	27	0.81	<0.01	Residual	0.71	.
		I2-Replace Windows	0.09	0.65	27	0.89			.	.
		I3-Scrape Surface	-0.90	0.64	27	0.17			.	.
		I4-Scrape Door	1.90	0.51	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.11	0.65	27	0.87			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 31	Intercept		3.00	0.44	15	<0.01	.	room_id(unit_id)	0.54	154.20
	Square feet disturbed		-0.01	0.01	28	0.19	0.19	Residual	0.92	.
	Avg. paint lead		0.25	0.07	28	<0.01	<0.01		.	.
	Intensity level	1-High	0.88	0.63	28	0.17	0.04		.	.
		2-Medium	1.43	0.55	28	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 32	Intercept		2.31	0.83	15	0.01	.	room_id(unit_id)	0.82	138.52
	Square feet disturbed		0.02	0.01	25	0.15	0.15	Residual	0.62	.
	Avg. paint lead		0.17	0.08	25	0.04	0.04		.	.
	Job type	I1-Cut Outs	0.78	0.69	25	0.27	<0.01		.	.
		I2-Replace Windows	0.62	0.90	25	0.50			.	.
		I3-Scrape Surface	-1.11	0.64	25	0.10			.	.
		I4-Scrape Door	2.04	0.58	25	<0.01			.	.
	I6-Heat gun over 1100 degrees	-0.58	0.64	25	0.37			.	.	
I7-Kitchen	0.00	.	.	.			.	.		

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 33	Intercept		3.09	0.51	15	<0.01	.	room_id(unit_id)	0.79	145.01	
	Avg. paint lead		0.22	0.07	26	<0.01	<0.01	Residual	0.82	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.45	0.42	26	0.30	0.26		.	.	
		Clean=1-rule; Plastic=2-no	0.25	0.41	26	0.54			.	.	
		Clean=2-base; Plastic=1-yes	-0.48	0.41	26	0.25			.	.	
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.	
		Intensity level	1-High	0.12	0.38	26	0.75	0.03		.	.
			2-Medium	1.06	0.40	26	0.01			.	.
			3-Low	0.00	.	.	.			.	.
Objective 1: Model 34	Intercept		3.66	0.50	15	<0.01	.	room_id(unit_id)	0.82	130.91	
	Avg. paint lead		0.19	0.07	23	0.02	0.02	Residual	0.62	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.56	0.37	23	0.14	0.26		.	.	
		Clean=1-rule; Plastic=2-no	0.01	0.36	23	0.98			.	.	
		Clean=2-base; Plastic=1-yes	-0.53	0.36	23	0.15			.	.	
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.	
		Job type	I1-Cut Outs	-0.02	0.45	23	0.96	<0.01		.	.
			I2-Replace Windows	-0.33	0.61	23	0.59			.	.
			I3-Scrape Surface	-0.61	0.60	23	0.32			.	.
		I4-Scrape Door	1.63	0.49	23	<0.01			.	.	
		I6-Heat gun over 1100 degrees	-0.42	0.63	23	0.52			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
Objective 2: Model 11	Intercept		4.32	0.33	15	<0.01	.	room_id(unit_id)	0.76	156.83	
	Plastic	1-yes	-0.57	0.34	31	0.10	0.10	Residual	1.11	.	

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 12	Intercept		4.12	0.42	15	<0.01	.	room_id(unit_id)	1.28	150.47
	Intensity level	1-High	0.03	0.40	29	0.95	0.02	Residual	0.84	.
		2-Medium	1.09	0.41	29	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.69	0.31	29	0.03	0.03		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 13	Intercept		3.91	0.50	15	<0.01	.	room_id(unit_id)	1.23	147.15
	Intensity level	1-High	0.19	0.58	27	0.75	0.05	Residual	0.88	.
		2-Medium	1.39	0.53	27	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.25	0.61	27	0.68	0.07		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.31	0.79	27	0.70	0.61		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.76	0.76	27	0.33			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 14	Intercept		4.16	0.46	15	<0.01	.	room_id(unit_id)	1.15	133.45
	Job type	I1-Cut Outs	0.10	0.46	26	0.82	<0.01	Residual	0.62	.
		I2-Replace Windows	0.11	0.63	26	0.86			.	.
		I3-Scrape Surface	-0.72	0.62	26	0.25			.	.
		I4-Scrape Door	1.97	0.48	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.05	0.63	26	0.94			.	.



**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.61	0.27	26	0.03	0.03		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 15	Intercept		3.87	0.57	15	<0.01	.	room_id(unit_id)	1.21	120.91
	Job type	I1-Cut Outs	0.32	0.63	21	0.62	<0.01	Residual	0.59	.
		I2-Replace Windows	-0.08	0.85	21	0.93			.	.
		I3-Scrape Surface	-0.65	0.71	21	0.37			.	.
		I4-Scrape Door	2.69	0.67	21	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.35	0.79	21	0.67			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.09	0.76	21	0.91	0.14		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.38	0.87	21	0.67	0.36		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.58	1.17	21	0.63			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.29	0.93	21	0.76			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.53	0.95	21	0.12			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.50	0.97	21	0.61			.	.

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 11	Intercept		3.93	0.33	15	<0.01	.	room_id(unit_id)	0.78	159.34
	Clean	1-rule	0.18	0.34	31	0.60	0.60	Residual	1.18	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 12	Intercept		3.65	0.44	15	<0.01	.	room_id(unit_id)	1.14	154.67
	Intensity level	1-High	0.10	0.42	29	0.82	0.08	Residual	0.99	.
		2-Medium	0.95	0.44	29	0.04			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.20	0.32	29	0.54	0.54		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 13	Intercept		3.79	0.48	15	<0.01	.	room_id(unit_id)	1.09	151.56
	Intensity level	1-High	-0.22	0.58	27	0.70	0.11	Residual	1.04	.
		2-Medium	0.78	0.60	27	0.21			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.11	0.53	27	0.84	0.49		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.70	0.77	27	0.37	0.66		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.29	0.75	27	0.70			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 14	Intercept		3.85	0.48	15	<0.01	.	room_id(unit_id)	1.11	138.26
	Job type	I1-Cut Outs	0.11	0.49	26	0.83	<0.01	Residual	0.73	.
		I2-Replace Windows	0.08	0.65	26	0.90			.	.
		I3-Scrape Surface	-0.89	0.65	26	0.19			.	.
		I4-Scrape Door	1.89	0.52	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.13	0.66	26	0.85			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.03	0.28	26	0.92	0.92		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 15	Intercept		3.53	0.61	15	<0.01	.	room_id(unit_id)	0.91	127.78
	Job type	I1-Cut Outs	0.21	0.74	21	0.78	0.02	Residual	0.83	.
		I2-Replace Windows	0.78	0.84	21	0.37			.	.
		I3-Scrape Surface	-0.31	0.90	21	0.73			.	.
		I4-Scrape Door	1.64	0.72	21	0.03			.	.
		I6-Heat gun over 1100 degrees	0.55	0.86	21	0.53			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.56	0.82	21	0.50	0.77		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.39	1.05	21	0.71	0.65		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-1.26	1.06	21	0.25			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.98	1.04	21	0.35			.	.

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.26	1.05	21	0.80			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.44	1.08	21	0.69			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 5	Intercept		1.81	1.05	15	0.11	.	room_id(unit_id)	0.77	148.49
	Intensity level	1-High	-0.12	0.42	28	0.78	0.81	Residual	0.89	.
		2-Medium	0.19	0.54	28	0.73			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.28	0.12	28	0.03	0.03		.	.
	Plastic	1-yes	-0.57	0.31	28	0.08	0.08		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 6	Intercept		3.02	1.20	15	0.02	.	room_id(unit_id)	1.02	134.56
	Job type	I1-Cut Outs	0.22	0.48	25	0.65	0.04	Residual	0.64	.
		I2-Replace Windows	-0.05	0.63	25	0.94			.	.
		I3-Scrape Surface	-0.91	0.64	25	0.17			.	.
		I4-Scrape Door	1.47	0.67	25	0.04			.	.
		I6-Heat gun over 1100 degrees	-0.22	0.69	25	0.76			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table J6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Avg. PostWork Work Floor Lead		0.14	0.14	25	0.32	0.32		.	.
	Plastic	1-yes	-0.56	0.28	25	0.05	0.05		.	.
		2-no	0.00	.	.	.			.	.

**Table J7. Post-Verification Work Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 35	Intercept		4.14	0.47	15	<0.01	.	room_id(unit_id)	1.63	167.90
	Intensity level	1-High	0.01	0.49	30	0.99	0.27	Residual	1.28	.
		2-Medium	0.75	0.50	30	0.15	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 36	Intercept		3.68	0.52	15	<0.01	.	room_id(unit_id)	1.06	155.60
	Job type	I1-Cut Outs	0.38	0.63	27	0.55	0.08	Residual	1.25	.
		I2-Replace Windows	0.82	0.76	27	0.29	.	.	.	.
		I3-Scrape Surface	-0.34	0.79	27	0.67	.	.	.	.
		I4-Scrape Door	1.87	0.65	27	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	1.33	0.78	27	0.10	.	.	.	.
		I7-Kitchen	0.00	.	.	.	.	.	.	.
Objective 1: Model 37	Intercept		3.57	0.59	15	<0.01	.	room_id(unit_id)	1.40	174.48
	Square feet disturbed		0.00	0.01	28	0.94	0.94	Residual	1.30	.
	Avg. paint lead		0.17	0.09	28	0.09	0.09	.	.	.
	Intensity level	1-High	0.04	0.79	28	0.96	0.28	.	.	.
		2-Medium	0.77	0.67	28	0.26	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 38	Intercept		1.99	1.11	15	0.09	.	room_id(unit_id)	1.33	161.47
	Square feet disturbed		0.03	0.02	25	0.12	0.12	Residual	1.14	.
	Avg. paint lead		0.04	0.10	25	0.69	0.69	.	.	.
	Job type	I1-Cut Outs	1.48	0.93	25	0.12	0.08	.	.	.
		I2-Replace Windows	1.93	1.19	25	0.12	.	.	.	.
		I3-Scrape Surface	-0.79	0.86	25	0.36	.	.	.	.
		I4-Scrape Door	2.41	0.77	25	<0.01	.	.	.	.
	I6-Heat gun over 1100 degrees	0.75	0.85	25	0.38	.	.	.	.	
I7-Kitchen	0.00	.	.	.	.	.	.	.		

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 39	Intercept		4.07	0.65	15	<0.01	.	room_id(unit_id)	1.38	164.39	
	Avg. paint lead		0.16	0.09	26	0.09	0.09	Residual	1.29	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.67	0.53	26	0.22	0.48		.	.	
		Clean=1-rule; Plastic=2-no	-0.57	0.51	26	0.27			.	.	
		Clean=2-base; Plastic=1-yes	-0.74	0.51	26	0.16			.	.	
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.	
		Intensity level	1-High	-0.02	0.48	26	0.96	0.24		.	.
			2-Medium	0.76	0.50	26	0.14			.	.
			3-Low	0.00	.	.	.			.	.
Objective 1: Model 40	Intercept		4.06	0.66	15	<0.01	.	room_id(unit_id)	1.08	153.53	
	Avg. paint lead		0.08	0.10	23	0.40	0.40	Residual	1.24	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.75	0.52	23	0.16	0.37		.	.	
		Clean=1-rule; Plastic=2-no	-0.72	0.50	23	0.17			.	.	
		Clean=2-base; Plastic=1-yes	-0.79	0.50	23	0.13			.	.	
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.	
		Job type	I1-Cut Outs	0.37	0.63	23	0.56	0.13		.	.
			I2-Replace Windows	0.62	0.79	23	0.44			.	.
			I3-Scrape Surface	-0.35	0.80	23	0.67			.	.
		I4-Scrape Door	1.83	0.67	23	0.01			.	.	
		I6-Heat gun over 1100 degrees	1.02	0.84	23	0.24			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
Objective 2: Model 16	Intercept		4.56	0.39	15	<0.01	.	room_id(unit_id)	1.22	169.95	
	Plastic	1-yes	-0.42	0.39	31	0.29	0.29	Residual	1.41	.	
		2-no	0.00	.	.	.			.	.	

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 17	Intercept		4.37	0.49	15	<0.01	.	room_id(unit_id)	1.56	166.47	
	Intensity level	1-High	0.02	0.48	29	0.97	0.22	Residual	1.28	.	
		2-Medium	0.81	0.50	29	0.12			.	.	
		3-Low	0.00	.	.	.			.	.	
	Plastic	1-yes	-0.47	0.38	29	0.22	0.22		.	.	
		2-no	0.00	.	.	.			.	.	
Objective 2: Model 18	Intercept		4.36	0.60	15	<0.01	.	room_id(unit_id)	1.61	163.15	
	Intensity level	1-High	0.15	0.71	27	0.84	0.22	Residual	1.33	.	
		2-Medium	0.73	0.65	27	0.27			.	.	
		3-Low	0.00	.	.	.			.	.	
	Plastic	1-yes	-0.49	0.74	27	0.52	0.22		.	.	
		2-no	0.00	.	.	.			.	.	
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes		-0.23	0.97	27	0.81	0.89		.	.
		Intensity=1-High; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes		0.21	0.93	27	0.83			.	.
		Intensity=2-Medium; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no		0.00	.	.	.			.	.
	Objective 2: Model 19	Intercept		3.90	0.54	15	<0.01	.	room_id(unit_id)	0.91	154.25
		Job type	I1-Cut Outs	0.33	0.63	26	0.60	0.07	Residual	1.28	.
I2-Replace Windows			0.89	0.75	26	0.25			.	.	
I3-Scrape Surface			-0.26	0.78	26	0.74			.	.	
I4-Scrape Door			1.89	0.66	26	<0.01			.	.	
I6-Heat gun over 1100 degrees			1.37	0.77	26	0.08			.	.	
I7-Kitchen			0.00	.	.	.			.	.	
Plastic		1-yes	-0.46	0.37	26	0.22	0.22		.	.	



**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 20	Intercept		3.64	0.73	15	<0.01	.	room_id(unit_id)	1.00	142.17
	Job type	I1-Cut Outs	0.46	0.91	21	0.62	0.10	Residual	1.39	.
		I2-Replace Windows	1.42	1.10	21	0.21			.	.
		I3-Scrape Surface	-0.39	0.99	21	0.70			.	.
		I4-Scrape Door	2.37	0.94	21	0.02			.	.
		I6-Heat gun over 1100 degrees	1.89	1.04	21	0.08			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.09	1.01	21	0.93	0.27		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.19	1.26	21	0.88	0.86		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-1.08	1.53	21	0.49			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	0.10	1.31	21	0.94			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-0.94	1.33	21	0.49			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.10	1.35	21	0.43			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 16	Intercept		4.45	0.40	15	<0.01	.	room_id(unit_id)	1.30	170.82
	Clean	1-rule	-0.22	0.37	31	0.56	0.56	Residual	1.41	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 17	Intercept		4.26	0.51	15	<0.01	.	room_id(unit_id)	1.61	167.78
	Intensity level	1-High	0.00	0.49	29	0.99	0.28	Residual	1.31	.
		2-Medium	0.73	0.50	29	0.16			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.20	0.36	29	0.58	0.58		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 18	Intercept		4.45	0.57	15	<0.01	.	room_id(unit_id)	1.62	164.28
	Intensity level	1-High	-0.30	0.67	27	0.66	0.33	Residual	1.37	.
		2-Medium	0.39	0.69	27	0.57			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.59	0.61	27	0.34	0.62		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.59	0.89	27	0.51	0.73		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.61	0.86	27	0.48			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 19	Intercept		3.86	0.56	15	<0.01	.	room_id(unit_id)	1.04	155.04
	Job type	I1-Cut Outs	0.40	0.63	26	0.53	0.07	Residual	1.27	.
		I2-Replace Windows	0.81	0.76	26	0.30			.	.

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I3-Scrape Surface	-0.41	0.79	26	0.61			.	.
		I4-Scrape Door	1.90	0.66	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.30	0.78	26	0.11			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.32	0.36	26	0.39	0.39		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 20	Intercept		3.76	0.74	15	<0.01	.	room_id(unit_id)	1.09	142.84
	Job type	I1-Cut Outs	0.41	0.93	21	0.67	0.10	Residual	1.35	.
		I2-Replace Windows	1.37	1.03	21	0.20			.	.
		I3-Scrape Surface	-0.20	1.10	21	0.86			.	.
		I4-Scrape Door	1.33	0.91	21	0.16			.	.
		I6-Heat gun over 1100 degrees	1.47	1.05	21	0.18			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.25	1.01	21	0.81	0.45		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.10	1.31	21	0.94	0.76		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-0.84	1.32	21	0.53			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.35	1.30	21	0.79			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.08	1.32	21	0.42			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.04	1.35	21	0.98			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 7	Intercept		0.62	1.20	15	0.61	.	room_id(unit_id)	0.56	156.53
	Intensity level	1-High	-0.51	0.48	26	0.30	0.39	Residual	1.31	.
		2-Medium	-0.79	0.59	26	0.19			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.52	0.14	26	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.60	0.52	26	0.25	0.64		.	.
		Clean=1-rule; Plastic=2-no	-0.40	0.50	26	0.43			.	.
		Clean=2-base; Plastic=1-yes	-0.55	0.51	26	0.28			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 8	Intercept		1.04	1.61	15	0.53	.	room_id(unit_id)	0.67	148.84
	Job type	I1-Cut Outs	0.80	0.65	23	0.23	0.42	Residual	1.25	.
		I2-Replace Windows	0.49	0.74	23	0.52			.	.
		I3-Scrape Surface	-0.75	0.76	23	0.34			.	.
		I4-Scrape Door	0.70	0.86	23	0.42			.	.
		I6-Heat gun over 1100 degrees	0.54	0.83	23	0.52			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.39	0.19	23	0.04	0.04		.	.
	Clean*Plastic	Clean=1-rule;	-0.66	0.51	23	0.21	0.54		.	.

**Table J7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean*Plastic	Plastic=1-yes Clean=1-rule;	-0.56	0.50	23	0.27	0.54			.
	Clean*Plastic	Plastic=2-no Clean=2-base;	-0.63	0.50	23	0.23	0.54			.
	Clean*Plastic	Plastic=1-yes Clean=2-base; Plastic=2-no	0.00	.	.	.	0.54			.

**Table J8. Post-Verification Tool Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 41	Intercept		4.28	0.50	15	<0.01	.	room_id(unit_id)	1.39	181.62
	Intensity level	1-High	0.08	0.58	30	0.89	0.25	Residual	1.98	.
		2-Medium	0.95	0.60	30	0.12			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 42	Intercept		4.37	0.63	15	<0.01	.	room_id(unit_id)	1.49	172.69
	Job type	I1-Cut Outs	-0.28	0.77	27	0.72	0.28	Residual	1.92	.
		I2-Replace Windows	0.33	0.93	27	0.72			.	.
		I3-Scrape Surface	-0.33	0.96	27	0.74			.	.
		I4-Scrape Door	1.52	0.80	27	0.07			.	.
		I6-Heat gun over 1100 degrees	0.03	0.95	27	0.97			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 43	Intercept		3.24	0.56	15	<0.01	.	room_id(unit_id)	0.47	179.82
	Square feet disturbed		-0.02	0.01	28	0.19	0.19	Residual	1.90	.
	Avg. paint lead		0.34	0.09	28	<0.01	<0.01		.	.
	Intensity level	1-High	1.09	0.84	28	0.20	0.08		.	.
		2-Medium	1.74	0.76	28	0.03			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 44	Intercept		3.71	1.29	15	0.01	.	room_id(unit_id)	0.82	172.96
	Square feet disturbed		0.00	0.02	25	0.89	0.89	Residual	1.83	.
	Avg. paint lead		0.33	0.12	25	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	-0.58	1.12	25	0.61	0.28		.	.
		I2-Replace Windows	-0.60	1.35	25	0.66			.	.
		I3-Scrape Surface	-0.09	0.99	25	0.92			.	.
		I4-Scrape Door	0.95	0.92	25	0.31			.	.
		I6-Heat gun over 1100 degrees	-0.88	0.95	25	0.37			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 45	Intercept		3.23	0.66	15	<0.01	.	room_id(unit_id)	0.40	170.21
	Avg. paint lead		0.32	0.09	26	<0.01	<0.01	Residual	1.99	.

**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.81	0.61	26	0.20	0.41		.	.
		Clean=1-rule; Plastic=2-no	-0.23	0.60	26	0.70			.	.
		Clean=2-base; Plastic=1-yes	0.15	0.61	26	0.80			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.26	0.54	26	0.64	0.17		.	.
		2-Medium	1.04	0.55	26	0.07			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 46	Intercept		3.80	0.72	15	<0.01	.	room_id(unit_id)	0.65	162.45
	Avg. paint lead		0.33	0.11	23	<0.01	<0.01	Residual	1.85	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.80	0.61	23	0.20	0.40		.	.
		Clean=1-rule; Plastic=2-no	-0.25	0.60	23	0.68			.	.
		Clean=2-base; Plastic=1-yes	0.18	0.60	23	0.77			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.49	0.73	23	0.51	0.25		.	.
		I2-Replace Windows	-0.50	0.84	23	0.56			.	.
		I3-Scrape Surface	-0.20	0.85	23	0.82			.	.
		I4-Scrape Door	1.06	0.77	23	0.18			.	.
		I6-Heat gun over 1100 degrees	-0.88	0.92	23	0.35			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 21	Intercept		4.68	0.42	15	<0.01	.	room_id(unit_id)	1.01	185.13
	Plastic	1-yes	-0.22	0.47	31	0.65	0.65	Residual	2.21	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 22	Intercept		4.41	0.55	15	<0.01	.	room_id(unit_id)	1.35	181.00
	Intensity level	1-High	0.10	0.59	29	0.86	0.24	Residual	2.03	.
		2-Medium	0.98	0.61	29	0.12			.	.

**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.27	0.46	29	0.56	0.56		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 23	Intercept		4.09	0.67	15	<0.01	.	room_id(unit_id)	1.33	176.40
	Intensity level	1-High	0.54	0.85	27	0.53	0.29	Residual	2.12	.
		2-Medium	1.37	0.80	27	0.10			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.35	0.88	27	0.69	0.66		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.83	1.17	27	0.48	0.71		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.86	1.14	27	0.46			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 24	Intercept		4.48	0.67	15	<0.01	.	room_id(unit_id)	1.42	172.14
	Job type	I1-Cut Outs	-0.30	0.78	26	0.70	0.28	Residual	1.98	.
		I2-Replace Windows	0.33	0.93	26	0.73			.	.
		I3-Scrape Surface	-0.29	0.97	26	0.77			.	.
		I4-Scrape Door	1.53	0.81	26	0.07			.	.
		I6-Heat gun over 1100 degrees	0.06	0.95	26	0.95			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.24	0.46	26	0.60	0.60		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 25	Intercept		4.28	0.90	15	<0.01	.	room_id(unit_id)	1.43	158.03
	Job type	I1-Cut Outs	-0.24	1.14	21	0.83	0.38	Residual	2.20	.



**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I2-Replace Windows	-0.10	1.36	21	0.94			.	.
		I3-Scrape Surface	-0.22	1.24	21	0.86			.	.
		I4-Scrape Door	2.00	1.18	21	0.10			.	.
		I6-Heat gun over 1100 degrees	0.66	1.30	21	0.62			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1=yes	0.16	1.26	21	0.90	0.81		.	.
		2=no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1=yes	-0.11	1.58	21	0.94	0.89		.	.
		Job_Type=I1-Cut Outs; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1=yes	0.80	1.90	21	0.68			.	.
		Job_Type=I2-Replace Windows; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1=yes	-0.25	1.64	21	0.88			.	.
		Job_Type=I3-Scrape Surface; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1=yes	-1.07	1.66	21	0.53			.	.
		Job_Type=I4-Scrape Door; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1=yes	-1.06	1.69	21	0.54			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1=yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2=no	0.00	.	.	.			.	.
Objective 3: Model 21	Intercept		4.84	0.41	15	<0.01	.	room_id(unit_id)	0.84	184.19
	Clean	1-rule	-0.52	0.46	31	0.26	0.26	Residual	2.23	.

**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.			.	.
Objective 3: Model 22	Intercept		4.50	0.54	15	<0.01	.	room_id(unit_id)	1.13	180.44
	Intensity level	1-High	0.14	0.59	29	0.82	0.29	Residual	2.08	.
		2-Medium	0.92	0.60	29	0.14			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.46	0.45	29	0.31	0.31		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 23	Intercept		4.35	0.63	15	<0.01	.	room_id(unit_id)	1.07	176.48
	Intensity level	1-High	0.38	0.81	27	0.64	0.31	Residual	2.22	.
		2-Medium	1.17	0.84	27	0.17			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.17	0.76	27	0.82	0.30		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.43	1.10	27	0.70	0.88		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.51	1.08	27	0.64			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 24	Intercept		4.66	0.66	15	<0.01	.	room_id(unit_id)	1.19	171.11
	Job type	I1-Cut Outs	-0.28	0.78	26	0.72	0.27	Residual	2.00	.
		I2-Replace Windows	0.28	0.91	26	0.76			.	.
		I3-Scrape Surface	-0.44	0.95	26	0.65			.	.
		I4-Scrape Door	1.54	0.81	26	0.07			.	.
		I6-Heat gun over 1100 degrees	0.10	0.93	26	0.92			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	-0.54	0.44	26	0.24	0.24		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 25	Intercept		5.18	0.88	15	<0.01	.	room_id(unit_id)	1.37	155.91
	Job type	I1-Cut Outs	-0.84	1.13	21	0.47	0.24	Residual	2.02	.
		I2-Replace Windows	-0.57	1.23	21	0.65			.	.
		I3-Scrape Surface	-0.56	1.30	21	0.67			.	.
		I4-Scrape Door	0.63	1.11	21	0.57			.	.
		I6-Heat gun over 1100 degrees	-0.78	1.25	21	0.54			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-1.66	1.21	21	0.18	0.27		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	1.10	1.58	21	0.49	0.62		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.86	1.60	21	0.26			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.07	1.57	21	0.96			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	2.01	1.59	21	0.22			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	1.86	1.62	21	0.26			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.

**Table J8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 9	Intercept		2.18	1.45	15	0.15	.	room_id(unit_id)	0.68	180.92
	Intensity level	1-High	0.03	0.62	28	0.97	0.94	Residual	2.29	.
		2-Medium	0.24	0.73	28	0.75			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.27	0.17	28	0.12	0.12		.	.
	Plastic	1-yes	-0.22	0.47	28	0.64	0.64		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 10	Intercept		3.87	2.02	15	0.08	.	room_id(unit_id)	1.28	173.10
	Job type	I1-Cut Outs	-0.24	0.84	25	0.78	0.74	Residual	2.09	.
		I2-Replace Windows	0.22	0.97	25	0.82			.	.
		I3-Scrape Surface	-0.37	1.00	25	0.71			.	.
		I4-Scrape Door	1.27	1.12	25	0.27			.	.
		I6-Heat gun over 1100 degrees	-0.04	1.09	25	0.97			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.08	0.24	25	0.75	0.75		.	.
	Plastic	1-yes	-0.23	0.47	25	0.64	0.64		.	.
		2-no	0.00	.	.	.			.	.

**Table J9. Post-Verification Observation Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 47	Intercept		3.63	0.37	15	<0.01	.	room_id(unit_id)	0.93	151.39
	Intensity level	1-High	0.21	0.41	30	0.61	0.07	Residual	0.94	.
		2-Medium	0.99	0.42	30	0.03			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 48	Intercept		3.88	0.43	15	<0.01	.	room_id(unit_id)	0.75	138.62
	Job type	I1-Cut Outs	-0.13	0.51	27	0.80	0.02	Residual	0.83	.
		I2-Replace Windows	-0.14	0.63	27	0.82			.	.
		I3-Scrape Surface	-0.70	0.64	27	0.29			.	.
		I4-Scrape Door	1.57	0.53	27	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.10	0.64	27	0.87			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 49	Intercept		2.73	0.38	15	<0.01	.	room_id(unit_id)	0.25	145.86
	Square feet disturbed		-0.02	0.01	28	0.10	0.10	Residual	0.84	.
	Avg. paint lead		0.29	0.06	28	<0.01	<0.01		.	.
	Intensity level	1-High	1.15	0.57	28	0.05	0.02		.	.
		2-Medium	1.56	0.51	28	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 50	Intercept		2.69	0.80	15	<0.01	.	room_id(unit_id)	0.47	135.18
	Square feet disturbed		0.01	0.01	25	0.46	0.46	Residual	0.65	.
	Avg. paint lead		0.25	0.07	25	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	0.12	0.69	25	0.86	<0.01		.	.
		I2-Replace Windows	-0.25	0.85	25	0.78			.	.
		I3-Scrape Surface	-0.74	0.62	25	0.24			.	.
		I4-Scrape Door	1.39	0.57	25	0.02			.	.
		I6-Heat gun over 1100 degrees	-0.77	0.60	25	0.21			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 51	Intercept		2.80	0.45	15	<0.01	.	room_id(unit_id)	0.61	134.59
	Avg. paint lead		0.25	0.06	26	<0.01	<0.01	Residual	0.64	.

**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.34	0.37	26	0.36	0.06		.	.
		Clean=1-rule; Plastic=2-no	0.44	0.36	26	0.23			.	.
		Clean=2-base; Plastic=1-yes	-0.54	0.36	26	0.15			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.21	0.34	26	0.54	<0.01		.	.
		2-Medium	1.15	0.35	26	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 52	Intercept		3.42	0.45	15	<0.01	.	room_id(unit_id)	0.51	123.78
	Avg. paint lead		0.25	0.07	23	<0.01	<0.01	Residual	0.56	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.42	0.35	23	0.25	0.10		.	.
		Clean=1-rule; Plastic=2-no	0.27	0.34	23	0.44			.	.
		Clean=2-base; Plastic=1-yes	-0.56	0.34	23	0.11			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.28	0.42	23	0.51	<0.01		.	.
		I2-Replace Windows	-0.66	0.54	23	0.23			.	.
		I3-Scrape Surface	-0.33	0.54	23	0.55			.	.
		I4-Scrape Door	1.23	0.45	23	0.01			.	.
		I6-Heat gun over 1100 degrees	-0.68	0.57	23	0.24			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 26	Intercept		4.30	0.31	15	<0.01	.	room_id(unit_id)	0.59	152.79
	Plastic	1-yes	-0.66	0.33	31	0.05	0.05	Residual	1.06	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 27	Intercept		4.03	0.40	15	<0.01	.	room_id(unit_id)	1.07	145.81
	Intensity level	1-High	0.15	0.38	29	0.71	0.01	Residual	0.77	.
		2-Medium	1.16	0.39	29	<0.01			.	.

**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.77	0.30	29	0.01	0.01		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 28	Intercept		3.66	0.46	15	<0.01	.	room_id(unit_id)	1.02	141.39
	Intensity level	1-High	0.58	0.54	27	0.30	0.03	Residual	0.78	.
		2-Medium	1.61	0.50	27	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.03	0.57	27	0.96	0.04		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.84	0.74	27	0.27	0.32		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-1.06	0.72	27	0.15			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 29	Intercept		4.24	0.44	15	<0.01	.	room_id(unit_id)	0.82	133.37
	Job type	I1-Cut Outs	-0.13	0.47	26	0.78	<0.01	Residual	0.69	.
		I2-Replace Windows	-0.14	0.60	26	0.82			.	.
		I3-Scrape Surface	-0.50	0.61	26	0.43			.	.
		I4-Scrape Door	1.65	0.50	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	-0.02	0.61	26	0.97			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.70	0.28	26	0.02	0.02		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 30	Intercept		3.94	0.54	15	<0.01	.	room_id(unit_id)	0.91	118.86
	Job type	I1-Cut Outs	-0.11	0.63	21	0.86	<0.01	Residual	0.61	.

**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I2-Replace Windows	-0.32	0.82	21	0.70			.	.
		I3-Scrape Surface	-0.47	0.71	21	0.51			.	.
		I4-Scrape Door	2.46	0.66	21	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.46	0.77	21	0.55			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.09	0.74	21	0.91	0.08		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.11	0.87	21	0.90	0.21		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.38	1.14	21	0.74			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.29	0.92	21	0.76			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.70	0.94	21	0.08			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.08	0.96	21	0.27			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 26	Intercept		3.77	0.31	15	<0.01	.	room_id(unit_id)	0.65	155.59
	Clean	1-rule	0.35	0.33	31	0.30	0.30	Residual	1.11	.



**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.			.	.
Objective 3: Model 27	Intercept		3.43	0.41	15	<0.01	.	room_id(unit_id)	0.98	150.40
	Intensity level	1-High	0.21	0.41	29	0.60	0.06	Residual	0.91	.
		2-Medium	1.01	0.42	29	0.02			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.38	0.30	29	0.22	0.22		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 28	Intercept		3.53	0.46	15	<0.01	.	room_id(unit_id)	0.93	147.95
	Intensity level	1-High	0.04	0.56	27	0.95	0.08	Residual	0.97	.
		2-Medium	0.84	0.58	27	0.16			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.16	0.51	27	0.76	0.22		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.41	0.75	27	0.59	0.85		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.29	0.72	27	0.69			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 29	Intercept		3.74	0.46	15	<0.01	.	room_id(unit_id)	0.74	138.51
	Job type	I1-Cut Outs	-0.15	0.51	26	0.77	0.02	Residual	0.83	.
		I2-Replace Windows	-0.13	0.63	26	0.84			.	.
		I3-Scrape Surface	-0.64	0.65	26	0.33			.	.
		I4-Scrape Door	1.54	0.54	26	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.14	0.64	26	0.83			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	0.25	0.29	26	0.40	0.40		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 30	Intercept		3.43	0.59	15	<0.01	.	room_id(unit_id)	0.60	126.85
	Job type	I1-Cut Outs	0.15	0.75	21	0.84	0.05	Residual	0.91	.
		I2-Replace Windows	0.33	0.82	21	0.69			.	.
		I3-Scrape Surface	-0.04	0.87	21	0.96			.	.
		I4-Scrape Door	1.10	0.74	21	0.15			.	.
		I6-Heat gun over 1100 degrees	0.70	0.84	21	0.41			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.74	0.81	21	0.37	0.33		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.77	1.06	21	0.47	0.55		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-0.69	1.07	21	0.53			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-1.17	1.05	21	0.28			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.67	1.06	21	0.54			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.67	1.08	21	0.55			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.

**Table J9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 11	Intercept		1.58	0.97	15	0.12	.	room_id(unit_id)	0.43	143.92
	Intensity level	1-High	0.08	0.40	28	0.84	0.93	Residual	0.90	.
		2-Medium	0.19	0.50	28	0.70			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.30	0.11	28	0.02	0.02		.	.
	Plastic	1-yes	-0.63	0.30	28	0.05	0.05		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 12	Intercept		2.64	1.23	15	0.05	.	room_id(unit_id)	0.59	133.78
	Job type	I1-Cut Outs	0.02	0.51	25	0.97	0.19	Residual	0.74	.
		I2-Replace Windows	-0.34	0.60	25	0.58			.	.
		I3-Scrape Surface	-0.79	0.62	25	0.22			.	.
		I4-Scrape Door	0.98	0.68	25	0.16			.	.
		I6-Heat gun over 1100 degrees	-0.29	0.67	25	0.67			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.20	0.14	25	0.19	0.19		.	.
	Plastic	1-yes	-0.64	0.29	25	0.04	0.04		.	.
		2-no	0.00	.	.	.			.	.

**Table J10. Rule vs. Non-Rule Work Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 1	Intercept	.	5.49	0.44	13	<0.01	.	room_id(unit_id)	1.52	78.07
	rule	.	-1.25	0.44	9	0.02	0.02	Residual	0.71	.
Objective 7: Model 2	Intercept	.	5.48	0.55	13	<0.01	.	room_id(unit_id)	1.49	76.37
	rule	.	-1.28	0.47	7	0.03	0.03	Residual	0.84	.
	Intensity level	.1-High	0.15	0.59	7	0.81	0.93	.	.	.
		.2-Medium	-0.11	0.69	7	0.88	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	.
Objective 7: Model 3	Intercept	.	5.60	0.67	13	<0.01	.	room_id(unit_id)	1.45	71.36
	rule	.	-1.64	0.88	5	0.12	0.04	Residual	0.92	.
	Intensity level	.1-High	0.33	0.87	5	0.72	0.69	.	.	.
		.2-Medium	-0.43	0.85	5	0.64	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	.
	rule*Intensity level	.1-High	-0.25	1.14	5	0.83	0.58	.	.	.
		.2-Medium	0.90	1.12	5	0.46	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	
Objective 7: Model 4	Intercept	.	5.12	0.70	11	<0.01	.	room_id(unit_id)	1.05	64.71
	rule	.	-1.40	0.46	6	0.02	0.02	Residual	0.82	.
	Job type	.I1-Cut Outs	-0.09	0.74	6	0.91	0.35	.	.	.
		.I2-Replace Windows	1.09	0.93	6	0.28	.	.	.	.
		.I3-Scrape Surface	-0.95	1.07	6	0.41	.	.	.	.
		.I4-Scrape Door	0.68	0.79	6	0.42	.	.	.	.
		.I6-Heat gun over 1100 degrees	1.56	0.97	6	0.16	.	.	.	.
		.I7-Kitchen	0.00	.	.	.	.	.	.	
Objective 7: Model 5	Intercept	.	5.62	0.94	10	<0.01	.	room_id(unit_id)	1.52	49.63
	rule	.	-2.63	1.25	2	0.17	0.10	Residual	0.75	.
	Job type	.I1-Cut Outs	-0.67	1.03	2	0.58	0.61	.	.	.
		.I2-Replace Windows	0.72	1.42	2	0.66	.	.	.	.
		.I3-Scrape Surface	-1.51	1.42	2	0.40	.	.	.	.

**Table J10. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		.I4-Scrape Door	-0.44	0.99	2	0.70			.	.
		.I6-Heat gun over 1100 degrees	1.08	1.36	2	0.51			.	.
		.I7-Kitchen	0.00	.	.	.			.	.
	rule*Job type	.I1-Cut Outs	0.87	1.48	2	0.62	0.66		.	.
		.I2-Replace Windows	1.05	1.91	2	0.64			.	.
		.I3-Scrape Surface	1.34	1.52	2	0.47			.	.
		.I4-Scrape Door	2.78	1.55	2	0.21			.	.
		.I6-Heat gun over 1100 degrees	1.08	1.63	2	0.57			.	.
		.I7-Kitchen	0.00	.	.	.			.	.

**Table J11. Rule vs. Non-Rule Tool Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 6	Intercept	.	4.74	0.54	13	<0.01	.	room_id(unit_id)	0.87	91.01
	rule	.	-0.84	0.68	9	0.24	0.24	Residual	2.22	.
Objective 7: Model 7	Intercept	.	3.78	0.66	13	<0.01	.	room_id(unit_id)	0.95	83.45
	rule	.	-0.93	0.63	7	0.18	0.18	Residual	1.81	.
	Intensity level	.1-High	1.30	0.77	7	0.13	0.14	.	.	.
		.2-Medium	1.81	0.84	7	0.07	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	.
Objective 7: Model 8	Intercept	.	3.22	0.80	13	<0.01	.	room_id(unit_id)	0.93	76.66
	rule	.	0.22	1.09	5	0.85	0.23	Residual	1.84	.
	Intensity level	.1-High	1.93	1.09	5	0.14	0.12	.	.	.
		.2-Medium	2.73	1.08	5	0.05	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	.
	rule*Intensity level	.1-High	-1.24	1.48	5	0.44	0.45	.	.	.
		.2-Medium	-1.98	1.46	5	0.23	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	
Objective 7: Model 9	Intercept	.	4.91	0.75	11	<0.01	.	room_id(unit_id)	0.14	69.16
	rule	.	-1.15	0.56	6	0.09	0.09	Residual	1.78	.
	Job type	.I1-Cut Outs	-1.01	0.96	6	0.33	0.07	.	.	.
		.I2-Replace Windows	-0.87	0.98	6	0.41	.	.	.	.
		.I3-Scrape Surface	-0.89	1.00	6	0.41	.	.	.	.
		.I4-Scrape Door	2.20	0.98	6	0.06	.	.	.	.
		.I6-Heat gun over 1100 degrees	1.24	0.99	6	0.25	.	.	.	.
	.I7-Kitchen	0.00	.	.	.	.	.	.	.	
Objective 7: Model 10	Intercept	.	4.96	1.06	10	<0.01	.	room_id(unit_id)	0.00	52.17
	rule	.	-1.21	1.50	2	0.51	0.19	Residual	2.26	.
	Job type	.I1-Cut Outs	-1.29	1.50	2	0.48	0.30	.	.	.
		.I2-Replace Windows	-1.81	1.50	2	0.35	.	.	.	.
		.I3-Scrape Surface	-0.53	1.50	2	0.76	.	.	.	.

**Table J11. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		.I4-Scrape Door	2.63	1.50	2	0.22			.	.
		.I6-Heat gun over 1100 degrees	1.58	1.50	2	0.40			.	.
		.I7-Kitchen	0.00	.	.	.			.	.
	rule*Job type	.I1-Cut Outs	0.55	2.13	2	0.82	0.80		.	.
		.I2-Replace Windows	1.75	2.13	2	0.50			.	.
		.I3-Scrape Surface	-0.79	2.13	2	0.75			.	.
		.I4-Scrape Door	-0.80	2.13	2	0.74			.	.
		.I6-Heat gun over 1100 degrees	-0.62	2.13	2	0.80			.	.
		.I7-Kitchen	0.00	.	.	.			.	.

**Table J12. Rule vs. Non-Rule Observation Room Residential Unit Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 11	Intercept	.	4.08	0.40	13	<0.01	.	room_id(unit_id)	0.44	78.25
	rule	.	-0.42	0.51	9	0.43	0.43	Residual	1.28	.
Objective 7: Model 12	Intercept	.	3.53	0.52	13	<0.01	.	room_id(unit_id)	0.43	73.99
	rule	.	-0.47	0.50	7	0.38	0.38	Residual	1.24	.
	Intensity level	.1-High	0.84	0.61	7	0.21	0.32		.	.
		.2-Medium	0.94	0.66	7	0.20			.	.
		.3-Low	0.00	.	.	.			.	.
Objective 7: Model 13	Intercept	.	3.39	0.66	13	<0.01	.	room_id(unit_id)	0.40	69.59
	rule	.	-0.18	0.91	5	0.85	0.43	Residual	1.41	.
	Intensity level	.1-High	1.00	0.91	5	0.32	0.44		.	.
		.2-Medium	1.19	0.91	5	0.25			.	.
		.3-Low	0.00	.	.	.			.	.
	rule*Intensity level	.1-High	-0.26	1.26	5	0.85	0.90		.	.
		.2-Medium	-0.58	1.24	5	0.66			.	.
		.3-Low	0.00	.	.	.			.	.
Objective 7: Model 14	Intercept	.	4.06	0.55	11	<0.01	.	room_id(unit_id)	0.00	58.93
	rule	.	-0.55	0.42	6	0.23	0.23	Residual	1.03	.
	Job type	.I1-Cut Outs	-0.62	0.72	6	0.42	0.06		.	.
		.I2-Replace Windows	-0.40	0.72	6	0.60			.	.
		.I3-Scrape Surface	-0.94	0.72	6	0.24			.	.
		.I4-Scrape Door	1.56	0.72	6	0.07			.	.
		.I6-Heat gun over 1100 degrees	1.12	0.72	6	0.17			.	.
		.I7-Kitchen	0.00	.	.	.			.	.
Objective 7: Model 15	Intercept	.	3.50	0.79	10	<0.01	.	room_id(unit_id)	0.00	44.95
	rule	.	0.56	1.11	2	0.67	0.35	Residual	1.24	.
	Job type	.I1-Cut Outs	-0.31	1.11	2	0.81	0.33		.	.
		.I2-Replace Windows	0.19	1.11	2	0.88			.	.
		.I3-Scrape Surface	-0.26	1.11	2	0.84			.	.
	.I4-Scrape Door	2.22	1.11	2	0.18			.	.	



**Table J12. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		.I6-Heat gun over 1100 degrees	2.21	1.11	2	0.19			.	.
		.I7-Kitchen	0.00	.	.	.			.	.
	rule*Job type	.I1-Cut Outs	-0.61	1.57	2	0.73	0.80		.	.
		.I2-Replace Windows	-1.19	1.57	2	0.53			.	.
		.I3-Scrape Surface	-1.36	1.57	2	0.48			.	.
		.I4-Scrape Door	-1.33	1.57	2	0.49			.	.
		.I6-Heat gun over 1100 degrees	-2.17	1.57	2	0.30			.	.
		.I7-Kitchen	0.00	.	.	.			.	.

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## **APPENDIX K**

### **DETAILED STATISTICAL MODELING RESULTS OF COF FLOOR LEAD LEVELS**

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**Table K1. Post-Work Work Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept		6.51	0.47	9	<0.01	.	experiment_number	0.23	181.14
	Intensity level	1-High	0.36	0.66	36	0.58	0.23	Residual	2.57	.
		2-Medium	1.13	0.66	36	0.09			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 2	Intercept		6.87	0.47	9	<0.01	.	experiment_number	0.23	181.14
	Job type	I1-Cut Outs	-0.36	0.66	36	0.58	0.23	Residual	2.57	.
		I5-Heat gun under 1100 degrees	0.77	0.66	36	0.25			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 3	Intercept		7.63	2.76	7	0.03	.	experiment_number	0.00	175.34
	Square feet disturbed		-0.50	0.44	36	0.26	0.26	Residual	2.35	.
	Avg. paint lead		0.24	0.08	36	<0.01	<0.01		.	.
	Intensity level	1-High	36.04	30.29	36	0.24	0.18		.	.
		2-Medium	23.85	19.46	36	0.23			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 4	Intercept		43.67	32.94	7	0.23	.	experiment_number	0.00	175.34
	Square feet disturbed		-0.50	0.44	36	0.26	0.26	Residual	2.35	.
	Avg. paint lead		0.24	0.08	36	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	-36.04	30.29	36	0.24	0.18		.	.
		I5-Heat gun under 1100 degrees	-12.19	10.85	36	0.27			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K2. Post-Work Tool Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 5	Intercept		3.61	0.26	9	<0.01	.	experiment_number	0.00	93.71
	Intensity level	1-High	-1.13	0.37	24	<0.01	0.02	Residual	0.80	.
		2-Medium	-0.42	0.37	24	0.26			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 6	Intercept		2.48	0.26	9	<0.01	.	experiment_number	0.00	93.71
	Job type	I1-Cut Outs	1.13	0.37	24	<0.01	0.02	Residual	0.80	.
		I5-Heat gun under 1100 degrees	0.71	0.37	24	0.06			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 7	Intercept		5.62	1.76	8	0.01	.	experiment_number	0.00	92.89
	Square feet disturbed		-0.46	0.28	23	0.12	0.12	Residual	0.72	.
		Avg. paint lead	0.09	0.05	23	0.09	0.09		.	.
	Intensity level	1-High	30.75	19.34	23	0.13	0.23		.	.
		2-Medium	19.98	12.43	23	0.12			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 8	Intercept		36.37	21.03	8	0.12	.	experiment_number	0.00	92.89
	Square feet disturbed		-0.46	0.28	23	0.12	0.12	Residual	0.72	.
		Avg. paint lead	0.09	0.05	23	0.09	0.09		.	.
	Job type	I1-Cut Outs	-30.75	19.34	23	0.13	0.23		.	.
		I5-Heat gun under 1100 degrees	-10.77	6.93	23	0.13			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 9	Intercept		3.64	0.31	8	<0.01	.	experiment_number	0.02	94.21
	Plastic	1-yes	-0.07	0.31	24	0.83	0.83	Residual	0.81	.
		2-no	0.00	.	.	.			.	.
	Intensity level	1-High	-1.13	0.38	24	<0.01	0.02		.	.
2-Medium		-0.42	0.38	24	0.28			.	.	

**Table K2. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept		2.51	0.31	8	<0.01	.	experiment_number	0.02	94.21
	Plastic	1-yes	-0.07	0.31	24	0.83	0.83	Residual	0.81	.
		2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	1.13	0.38	24	<0.01	0.02		.	.
		I5-Heat gun under 1100 degrees	0.71	0.38	24	0.07			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K3. Post-Work Observation Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 11	Intercept		3.46	0.21	9	<0.01	.	experiment_number	0.00	43.80
	Intensity level	1-High	-1.65	0.30	12	<0.01	<0.01	Residual	0.35	.
		2-Medium	-0.16	0.30	12	0.60			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 12	Intercept		1.81	0.21	9	<0.01	.	experiment_number	0.00	43.80
	Job type	I1-Cut Outs	1.65	0.30	12	<0.01	<0.01	Residual	0.35	.
		I5-Heat gun under 1100 degrees	1.49	0.30	12	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 13	Intercept		3.73	1.39	7	0.03	.	experiment_number	0.00	44.23
	Square feet disturbed		-0.17	0.22	12	0.47	0.47	Residual	0.30	.
	Avg. paint lead		0.09	0.04	12	0.05	0.05		.	.
	Intensity level	1-High	10.35	15.32	12	0.51	0.02		.	.
		2-Medium	7.47	9.84	12	0.46			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 14	Intercept		14.08	16.66	7	0.43	.	experiment_number	0.00	44.23
	Square feet disturbed		-0.17	0.22	12	0.47	0.47	Residual	0.30	.
	Avg. paint lead		0.09	0.04	12	0.05	0.05		.	.
	Job type	I1-Cut Outs	-10.35	15.32	12	0.51	0.02		.	.
		I5-Heat gun under 1100 degrees	-2.87	5.49	12	0.61			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 15	Intercept		3.28	0.23	8	<0.01	.	experiment_number	0.00	42.47
	Plastic	1-yes	0.37	0.23	12	0.14	0.14	Residual	0.33	.
		2-no	0.00	.	.	.			.	.



**Table K3. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level	1-High	-1.65	0.29	12	<0.01	<0.01		.	.
		2-Medium	-0.16	0.29	12	0.59			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 16	Intercept		1.63	0.23	8	<0.01	.	experiment_number	0.00	42.47
	Plastic	1-yes	0.37	0.23	12	0.14	0.14	Residual	0.33	.
		2-no	0.00	.	.	.			.	.
	Job type	l1-Cut Outs	1.65	0.29	12	<0.01	<0.01		.	.
		l5-Heat gun under 1100 degrees	1.49	0.29	12	<0.01			.	.
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K4. Post-Cleaning Work Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 17	Intercept		2.13	0.40	9	<0.01	.	experiment_number	0.55	111.17
	Intensity level	1-High	0.41	0.57	36	0.48	0.11	Residual	0.40	.
		2-Medium	1.21	0.57	36	0.04			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 18	Intercept		2.54	0.40	9	<0.01	.	experiment_number	0.55	111.17
	Job type	I1-Cut Outs	-0.41	0.57	36	0.48	0.11	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.80	0.57	36	0.17			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 19	Intercept		4.46	2.24	7	0.09	.	experiment_number	0.29	108.37
	Square feet disturbed		-0.59	0.36	36	0.11	0.11	Residual	0.40	.
	Avg. paint lead		0.15	0.07	36	0.03	0.03		.	.
	Intensity level	1-High	41.68	24.64	36	0.10	0.04		.	.
		2-Medium	27.60	15.83	36	0.09			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 20	Intercept		46.14	26.79	7	0.13	.	experiment_number	0.29	108.37
	Square feet disturbed		-0.59	0.36	36	0.11	0.11	Residual	0.40	.
	Avg. paint lead		0.15	0.07	36	0.03	0.03		.	.
	Job type	I1-Cut Outs	-41.68	24.64	36	0.10	0.04		.	.
		I5-Heat gun under 1100 degrees	-14.09	8.82	36	0.12			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 21	Intercept		0.97	0.53	5	0.13	.	experiment_number	0.14	102.59
	Avg. paint lead		0.24	0.06	36	<0.01	<0.01	Residual	0.40	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.35	0.44	36	<0.01	0.02		.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Clean=1-rule; Plastic=2-no	-1.00	0.40	36	0.02			.	.
		Clean=2-base; Plastic=1-yes	-0.46	0.40	36	0.26			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	1.75	0.48	36	<0.01	<0.01		.	.
		2-Medium	1.88	0.38	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 22	Intercept		2.72	0.35	5	<0.01	.	experiment_number	0.14	102.59
	Avg. paint lead		0.24	0.06	36	<0.01	<0.01	Residual	0.40	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.35	0.44	36	<0.01	0.02		.	.
		Clean=1-rule; Plastic=2-no	-1.00	0.40	36	0.02			.	.
		Clean=2-base; Plastic=1-yes	-0.46	0.40	36	0.26			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-1.75	0.48	36	<0.01	<0.01		.	.
		I5-Heat gun under 1100 degrees	0.13	0.38	36	0.73			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 1	Intercept		2.72	0.38	10	<0.01	.	experiment_number	0.78	116.13
	Plastic	1-yes	-0.10	0.54	36	0.86	0.86	Residual	0.40	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 2	Intercept		2.18	0.49	8	<0.01	.	experiment_number	0.62	110.77
	Intensity level	1-High	0.41	0.60	36	0.50	0.14	Residual	0.40	.
		2-Medium	1.21	0.60	36	0.05			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.10	0.49	36	0.85	0.85		.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 3	Intercept		2.51	0.60	6	<0.01	.	experiment_number	0.63	104.66
	Intensity level	1-High	0.23	0.85	36	0.79	0.14	Residual	0.40	.
		2-Medium	0.41	0.85	36	0.64			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.75	0.85	36	0.38	0.85		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.35	1.20	36	0.77	0.38		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	1.61	1.20	36	0.19			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 4	Intercept		2.59	0.49	8	<0.01	.	experiment_number	0.62	110.77
	Job type	I1-Cut Outs	-0.41	0.60	36	0.50	0.14	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.80	0.60	36	0.19			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	-0.10	0.49	36	0.85	0.85		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 5	Intercept		2.74	0.60	6	<0.01	.	experiment_number	0.63	104.66
	Job type	I1-Cut Outs	-0.23	0.85	36	0.79	0.14	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.17	0.85	36	0.84			.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	-0.40	0.85	36	0.64	0.85		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.35	1.20	36	0.77	0.38		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	1.26	1.20	36	0.30			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 1	Intercept		2.91	0.37	10	<0.01	.	experiment_number	0.72	115.38
	Clean	1-rule	-0.47	0.52	36	0.37	0.37	Residual	0.40	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 2	Intercept		2.37	0.46	8	<0.01	.	experiment_number	0.54	109.84
	Intensity level	1-High	0.41	0.57	36	0.48	0.11	Residual	0.40	.
		2-Medium	1.21	0.57	36	0.04			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.47	0.46	36	0.32	0.32		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 3	Intercept		2.06	0.56	6	0.01	.	experiment_number	0.53	103.80
	Intensity level	1-High	1.19	0.79	36	0.14	0.10	Residual	0.40	.
		2-Medium	1.35	0.79	36	0.10			.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.14	0.79	36	0.86	0.31		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-1.56	1.12	36	0.17	0.34		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.28	1.12	36	0.80			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 4	Intercept		2.78	0.46	8	<0.01	.	experiment_number	0.54	109.84
	Job type	I1-Cut Outs	-0.41	0.57	36	0.48	0.11	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.80	0.57	36	0.16			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.47	0.46	36	0.32	0.32		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 5	Intercept		3.25	0.56	6	<0.01	.	experiment_number	0.53	103.80
	Job type	I1-Cut Outs	-1.19	0.79	36	0.14	0.10	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.17	0.79	36	0.84			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-1.42	0.79	36	0.08	0.31		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	1.56	1.12	36	0.17	0.34		.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	1.28	1.12	36	0.26			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2- base	0.00	.	.	.			.	.
Objective Y: Model 1	Intercept		-3.04	2.80	5	0.33	.	experiment_number	0.43	103.59
	Intensity level	1-High	-0.24	0.60	36	0.69	0.92	Residual	0.40	.
		2-Medium	-0.21	0.86	36	0.81			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.83	0.41	36	0.05	0.05		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.29	0.69	36	0.07	0.33		.	.
		Clean=1-rule; Plastic=2-no	-0.37	0.63	36	0.56			.	.
		Clean=2-base; Plastic=1- yes	-0.54	0.59	36	0.37			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 2	Intercept		-3.28	3.11	5	0.34	.	experiment_number	0.43	103.59
	Job type	I1-Cut Outs	0.24	0.60	36	0.69	0.92	Residual	0.40	.
		I5-Heat gun under 1100 degrees	0.03	0.64	36	0.96			.	.

**Table K4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.83	0.41	36	0.05	0.05		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.29	0.69	36	0.07	0.33		.	.
		Clean=1-rule; Plastic=2-no	-0.37	0.63	36	0.56			.	.
		Clean=2-base; Plastic=1-yes	-0.54	0.59	36	0.37			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.



**Table K5. Post-Cleaning Tool Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 23	Intercept		3.27	0.31	9	<0.01	.	experiment_number	0.22	84.24
	Intensity level	1-High	-0.75	0.43	24	0.10	0.08	Residual	0.47	.
		2-Medium	0.24	0.43	24	0.58			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 24	Intercept		2.52	0.31	9	<0.01	.	experiment_number	0.22	84.24
	Job type	l1-Cut Outs	0.75	0.43	24	0.10	0.08	Residual	0.47	.
		l5-Heat gun under 1100 degrees	0.99	0.43	24	0.03			.	.
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 25	Intercept		2.83	2.02	8	0.20	.	experiment_number	0.16	84.88
	Square feet disturbed		-0.08	0.32	23	0.81	0.81	Residual	0.47	.
		Avg. paint lead		0.11	0.06	23	0.07	0.07		.
	Intensity level	1-High	5.34	22.16	23	0.81	0.22		.	.
		2-Medium	4.06	14.24	23	0.78			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 26	Intercept		8.18	24.10	8	0.74	.	experiment_number	0.16	84.88
	Square feet disturbed		-0.08	0.32	23	0.81	0.81	Residual	0.47	.
		Avg. paint lead		0.11	0.06	23	0.07	0.07		.
	Job type	l1-Cut Outs	-5.34	22.16	23	0.81	0.22		.	.
		l5-Heat gun under 1100 degrees	-1.28	7.94	23	0.87			.	.
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 27	Intercept		2.24	0.51	5	<0.01	.	experiment_number	0.06	80.20
	Avg. paint lead		0.17	0.06	24	<0.01	<0.01	Residual	0.47	.

**Table K5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.74	0.43	24	0.09	0.18		.	.
		Clean=1-rule; Plastic=2-no	-0.55	0.38	24	0.17			.	.
		Clean=2-base; Plastic=1-yes	0.04	0.38	24	0.92			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.21	0.46	24	0.65	0.11		.	.
		2-Medium	0.72	0.37	24	0.06			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 28	Intercept		2.46	0.34	5	<0.01	.	experiment_number	0.06	80.20
	Avg. paint lead		0.17	0.06	24	<0.01	<0.01	Residual	0.47	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.74	0.43	24	0.09	0.18		.	.
		Clean=1-rule; Plastic=2-no	-0.55	0.38	24	0.17			.	.
		Clean=2-base; Plastic=1-yes	0.04	0.38	24	0.92			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	l1-Cut Outs	-0.21	0.46	24	0.65	0.11		.	.
		l5-Heat gun under 1100 degrees	0.51	0.37	24	0.18			.	.
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 6	Intercept		3.02	0.30	10	<0.01	.	experiment_number	0.38	89.26
	Plastic	1-yes	0.14	0.43	24	0.74	0.74	Residual	0.47	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 7	Intercept		3.19	0.37	8	<0.01	.	experiment_number	0.25	84.28
	Intensity level	1-High	-0.75	0.45	24	0.11	0.10	Residual	0.47	.
		2-Medium	0.24	0.45	24	0.60			.	.

**Table K5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.14	0.37	24	0.70	0.70		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 8	Intercept		3.22	0.52	6	<0.01	.	experiment_number	0.38	80.91
	Intensity level	1-High	-0.72	0.74	24	0.34	0.16	Residual	0.47	.
		2-Medium	0.12	0.74	24	0.87			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.08	0.74	24	0.91	0.74		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.06	1.04	24	0.95	0.96		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	0.24	1.04	24	0.82			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 9	Intercept		2.45	0.37	8	<0.01	.	experiment_number	0.25	84.28
	Job type	I1-Cut Outs	0.75	0.45	24	0.11	0.10	Residual	0.47	.
		I5-Heat gun under 1100 degrees	0.99	0.45	24	0.04			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.14	0.37	24	0.70	0.70		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 10	Intercept		2.51	0.52	6	<0.01	.	experiment_number	0.38	80.91
	Job type	I1-Cut Outs	0.72	0.74	24	0.34	0.16	Residual	0.47	.

**Table K5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	0.84	0.74	24	0.26			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.02	0.74	24	0.98	0.74		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.06	1.04	24	0.95	0.96		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.30	1.04	24	0.78			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 6	Intercept		3.26	0.29	10	<0.01	.	experiment_number	0.36	88.77
	Clean	1-rule	-0.33	0.42	24	0.44	0.44	Residual	0.47	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 7	Intercept		3.43	0.36	8	<0.01	.	experiment_number	0.22	83.63
	Intensity level	1-High	-0.75	0.44	24	0.10	0.08	Residual	0.47	.
		2-Medium	0.24	0.44	24	0.58			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.33	0.36	24	0.37	0.37		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 8	Intercept		3.55	0.35	6	<0.01	.	experiment_number	0.09	76.29
	Intensity level	1-High	-0.51	0.50	24	0.32	0.03	Residual	0.47	.
		2-Medium	-0.37	0.50	24	0.47			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.58	0.50	24	0.26	0.27		.	.
		2-base	0.00	.	.	.			.	.

**Table K5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.47	0.71	24	0.51	0.07		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	1.23	0.71	24	0.10			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 9	Intercept		2.68	0.36	8	<0.01	.	experiment_number	0.22	83.63
	Job type	I1-Cut Outs	0.75	0.44	24	0.10	0.08	Residual	0.47	.
		I5-Heat gun under 1100 degrees	0.99	0.44	24	0.03			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.33	0.36	24	0.37	0.37		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 10	Intercept		3.04	0.35	6	<0.01	.	experiment_number	0.09	76.29
	Job type	I1-Cut Outs	0.51	0.50	24	0.32	0.03	Residual	0.47	.
		I5-Heat gun under 1100 degrees	0.14	0.50	24	0.78			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-1.05	0.50	24	0.05	0.27		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.47	0.71	24	0.51	0.07		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.

**Table K5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	1.70	0.71	24	0.02			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 3	Intercept		1.05	2.01	7	0.62	.	experiment_number	0.25	83.65
	Intensity level	1-High	-1.01	0.51	24	0.06	0.10	Residual	0.47	.
		2-Medium	-0.32	0.69	24	0.64			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.33	0.30	24	0.29	0.29		.	.
	Plastic	1-yes	-0.11	0.43	24	0.80	0.80		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 4	Intercept		0.04	2.25	7	0.99	.	experiment_number	0.25	83.65
	Job type	I1-Cut Outs	1.01	0.51	24	0.06	0.10	Residual	0.47	.
		I5-Heat gun under 1100 degrees	0.68	0.53	24	0.21			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.33	0.30	24	0.29	0.29		.	.
	Plastic	1-yes	-0.11	0.43	24	0.80	0.80		.	.
		2-no	0.00	.	.	.			.	.

**Table K6. Post-Cleaning Observation Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 29	Intercept		3.57	0.24	9	<0.01	.	experiment_number	0.09	44.36
	Intensity level	1-High	-1.80	0.34	12	<0.01	<0.01	Residual	0.29	.
		2-Medium	-0.23	0.34	12	0.52	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
Objective 1: Model 30	Intercept		1.77	0.24	9	<0.01	.	experiment_number	0.09	44.36
	Job type	I1-Cut Outs	1.80	0.34	12	<0.01	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.57	0.34	12	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.
Objective 1: Model 31	Intercept		2.52	1.87	7	0.22	.	experiment_number	0.12	47.98
	Square feet disturbed		0.11	0.30	12	0.73	0.73	Residual	0.29	.
		Avg. paint lead		0.05	0.06	12	0.38	0.38	.	.
	Intensity level	1-High	-8.78	20.50	12	0.68	0.05	.	.	
		2-Medium	-4.76	13.17	12	0.72	.	.		
		3-Low	0.00	.	.	.	.	.		
Objective 1: Model 32	Intercept		-6.25	22.29	7	0.79	.	experiment_number	0.12	47.98
	Square feet disturbed		0.11	0.30	12	0.73	0.73	Residual	0.29	.
		Avg. paint lead		0.05	0.06	12	0.38	0.38	.	.
	Job type	I1-Cut Outs	8.78	20.50	12	0.68	0.05	.	.	
		I5-Heat gun under 1100 degrees	4.02	7.34	12	0.59	.	.		
		I6-Heat gun over 1100 degrees	0.00	.	.	.	.	.		
Objective 1: Model 33	Intercept		2.89	0.58	5	<0.01	.	experiment_number	0.13	45.64
	Avg. paint lead		0.07	0.06	12	0.29	0.29	Residual	0.29	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.08	0.48	12	0.87	0.61	.	.	

**Table K6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Clean=1-rule; Plastic=2-no	0.02	0.43	12	0.96			.	.
		Clean=2-base; Plastic=1-yes	0.47	0.43	12	0.29			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	-1.38	0.53	12	0.02	0.02		.	.
		2-Medium	-0.02	0.42	12	0.95			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 34	Intercept		1.50	0.38	5	0.01	.	experiment_number	0.13	45.64
	Avg. paint lead		0.07	0.06	12	0.29	0.29	Residual	0.29	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.08	0.48	12	0.87	0.61		.	.
		Clean=1-rule; Plastic=2-no	0.02	0.43	12	0.96			.	.
		Clean=2-base; Plastic=1-yes	0.47	0.43	12	0.29			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	11-Cut Outs	1.38	0.53	12	0.02	0.02		.	.
		15-Heat gun under 1100 degrees	1.36	0.42	12	<0.01			.	.
		16-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 11	Intercept		2.75	0.40	10	<0.01	.	experiment_number	0.81	59.10
	Plastic	1-yes	0.28	0.56	12	0.63	0.63	Residual	0.29	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 12	Intercept		3.42	0.28	8	<0.01	.	experiment_number	0.09	44.06
	Intensity level	1-High	-1.80	0.34	12	<0.01	<0.01	Residual	0.29	.
		2-Medium	-0.23	0.34	12	0.52			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.28	0.28	12	0.34	0.34		.	.



**Table K6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 13	Intercept		3.27	0.34	6	<0.01	.	experiment_number	0.08	39.88
	Intensity level	1-High	-1.34	0.48	12	0.02	<0.01	Residual	0.29	.
		2-Medium	-0.22	0.48	12	0.66			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.59	0.48	12	0.24	0.33		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.91	0.67	12	0.20	0.34		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.02	0.67	12	0.97			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 14	Intercept		1.63	0.28	8	<0.01	.	experiment_number	0.09	44.06
	Job type	I1-Cut Outs	1.80	0.34	12	<0.01	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.57	0.34	12	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.28	0.28	12	0.34	0.34		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 15	Intercept		1.93	0.34	6	<0.01	.	experiment_number	0.08	39.88
	Job type	I1-Cut Outs	1.34	0.48	12	0.02	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.12	0.48	12	0.04			.	.

**Table K6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	-0.32	0.48	12	0.52	0.33		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.91	0.67	12	0.20	0.34		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.89	0.67	12	0.21			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 11	Intercept		2.95	0.40	10	<0.01	.	experiment_number	0.83	59.30
	Clean	1-rule	-0.12	0.57	12	0.84	0.84	Residual	0.29	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 12	Intercept		3.63	0.30	8	<0.01	.	experiment_number	0.12	44.84
	Intensity level	1-High	-1.80	0.36	12	<0.01	<0.01	Residual	0.29	.
		2-Medium	-0.23	0.36	12	0.54			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.12	0.30	12	0.69	0.69		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 13	Intercept		3.92	0.36	6	<0.01	.	experiment_number	0.11	40.61
	Intensity level	1-High	-2.31	0.51	12	<0.01	<0.01	Residual	0.29	.
		2-Medium	-0.60	0.51	12	0.26			.	.

**Table K6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.71	0.51	12	0.19	0.69		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	1.03	0.72	12	0.18	0.37		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.73	0.72	12	0.33			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 14	Intercept		1.83	0.30	8	<0.01	.	experiment_number	0.12	44.84
	Job type	I1-Cut Outs	1.80	0.36	12	<0.01	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.57	0.36	12	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.12	0.30	12	0.69	0.69		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 15	Intercept		1.61	0.36	6	<0.01	.	experiment_number	0.11	40.61
	Job type	I1-Cut Outs	2.31	0.51	12	<0.01	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.71	0.51	12	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	0.32	0.51	12	0.54	0.69		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-1.03	0.72	12	0.18	0.37		.	.

**Table K6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.29	0.72	12	0.69	.	.	.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.	.	.	.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.	.	.	.	.
Objective Y: Model 5	Intercept		2.40	1.60	7	0.18	.	experiment_number	0.11	44.66
	Intensity level	1-High	-1.92	0.40	12	<0.01	<0.01	Residual	0.29	.
		2-Medium	-0.50	0.55	12	0.38	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
	Avg. PostWork Work Floor Lead		0.16	0.24	12	0.53	0.53	.	.	.
	Plastic	1-yes	0.16	0.35	12	0.65	0.65	.	.	.
		2-no	0.00	.	.	.	.	.	.	.
Objective Y: Model 6	Intercept		0.48	1.79	7	0.79	.	experiment_number	0.11	44.66
	Job type	I1-Cut Outs	1.92	0.40	12	<0.01	<0.01	Residual	0.29	.
		I5-Heat gun under 1100 degrees	1.42	0.42	12	<0.01	.	.	.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.
	Avg. PostWork Work Floor Lead		0.16	0.24	12	0.53	0.53	.	.	.
	Plastic	1-yes	0.16	0.35	12	0.65	0.65	.	.	.
		2-no	0.00	.	.	.	.	.	.	.

**Table K7. Post-Verification Work Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 35	Intercept		1.61	0.26	9	<0.01	.	experiment_number	0.22	78.17
	Intensity level	1-High	0.26	0.37	36	0.49	<0.01	Residual	0.20	.
		2-Medium	1.26	0.37	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 36	Intercept		1.86	0.26	9	<0.01	.	experiment_number	0.22	78.17
	Job type	11-Cut Outs	-0.26	0.37	36	0.49	<0.01	Residual	0.20	.
		15-Heat gun under 1100 degrees	1.00	0.37	36	<0.01			.	.
		16-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 37	Intercept		1.02	2.05	7	0.63	.	experiment_number	0.27	82.00
	Square feet disturbed		0.04	0.33	36	0.89	0.89	Residual	0.20	.
		Avg. paint lead		0.04	0.06	36	0.51	0.51		.
	Intensity level	1-High	-2.59	22.51	36	0.91	0.02		.	.
		2-Medium	-0.60	14.46	36	0.97			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 38	Intercept		-1.57	24.48	7	0.95	.	experiment_number	0.27	82.00
	Square feet disturbed		0.04	0.33	36	0.89	0.89	Residual	0.20	.
		Avg. paint lead		0.04	0.06	36	0.51	0.51		.
	Job type	11-Cut Outs	2.59	22.51	36	0.91	0.02		.	.
		15-Heat gun under 1100 degrees	1.99	8.06	36	0.81			.	.
		16-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 39	Intercept		1.44	0.57	5	0.05	.	experiment_number	0.22	78.18
	Avg. paint lead		0.07	0.06	36	0.31	0.31	Residual	0.20	.
		Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.47	0.47	36	0.32	0.34		.

**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Clean=1-rule; Plastic=2-no	-0.75	0.43	36	0.09			.	.
		Clean=2-base; Plastic=1-yes	-0.18	0.42	36	0.68			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.63	0.52	36	0.23	<0.01		.	.
		2-Medium	1.45	0.41	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 40	Intercept		2.07	0.37	5	<0.01	.	experiment_number	0.22	78.18
	Avg. paint lead		0.07	0.06	36	0.31	0.31	Residual	0.20	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.47	0.47	36	0.32	0.34		.	.
		Clean=1-rule; Plastic=2-no	-0.75	0.43	36	0.09			.	.
		Clean=2-base; Plastic=1-yes	-0.18	0.42	36	0.68			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	11-Cut Outs	-0.63	0.52	36	0.23	<0.01		.	.
		15-Heat gun under 1100 degrees	0.81	0.41	36	0.05			.	.
		16-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 16	Intercept		2.05	0.31	10	<0.01	.	experiment_number	0.54	86.99
	Plastic	1-yes	0.14	0.44	36	0.76	0.76	Residual	0.20	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 17	Intercept		1.54	0.31	8	<0.01	.	experiment_number	0.25	78.50
	Intensity level	1-High	0.26	0.38	36	0.51	<0.01	Residual	0.20	.
		2-Medium	1.26	0.38	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.14	0.31	36	0.67	0.67		.	.

**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 18	Intercept		1.61	0.44	6	0.01	.	experiment_number	0.34	75.75
	Intensity level	1-High	0.09	0.62	36	0.88	0.02	Residual	0.20	.
		2-Medium	1.22	0.62	36	0.06			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.00	0.62	36	1.00	0.71		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.32	0.88	36	0.71	0.93		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	0.09	0.88	36	0.92			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 19	Intercept		1.80	0.31	8	<0.01	.	experiment_number	0.25	78.50
	Job type	I1-Cut Outs	-0.26	0.38	36	0.51	<0.01	Residual	0.20	.
		I5-Heat gun under 1100 degrees	1.00	0.38	36	0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.14	0.31	36	0.67	0.67		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 20	Intercept		1.70	0.44	6	<0.01	.	experiment_number	0.34	75.75
	Job type	I1-Cut Outs	-0.09	0.62	36	0.88	0.02	Residual	0.20	.
		I5-Heat gun under 1100 degrees	1.12	0.62	36	0.08			.	.

**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.32	0.62	36	0.61	0.71		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.32	0.88	36	0.71	0.93		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	-0.24	0.88	36	0.79			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 16	Intercept		2.31	0.30	10	<0.01	.	experiment_number	0.50	86.28
	Clean	1-rule	-0.39	0.43	36	0.37	0.37	Residual	0.20	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 17	Intercept		1.81	0.29	8	<0.01	.	experiment_number	0.20	77.00
	Intensity level	1-High	0.26	0.35	36	0.47	<0.01	Residual	0.20	.
		2-Medium	1.26	0.35	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.39	0.29	36	0.18	0.18		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 18	Intercept		1.61	0.38	6	<0.01	.	experiment_number	0.24	73.97
	Intensity level	1-High	0.51	0.53	36	0.35	<0.01	Residual	0.20	.
		2-Medium	1.59	0.53	36	<0.01			.	.



**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.00	0.53	36	1.00	0.21		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.51	0.76	36	0.50	0.66		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.66	0.76	36	0.39			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 19	Intercept		2.06	0.29	8	<0.01	.	experiment_number	0.20	77.00
	Job type	I1-Cut Outs	-0.26	0.35	36	0.47	<0.01	Residual	0.20	.
		I5-Heat gun under 1100 degrees	1.00	0.35	36	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.39	0.29	36	0.18	0.18		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 20	Intercept		2.12	0.38	6	<0.01	.	experiment_number	0.24	73.97
	Job type	I1-Cut Outs	-0.51	0.53	36	0.35	<0.01	Residual	0.20	.
		I5-Heat gun under 1100 degrees	1.08	0.53	36	0.05			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.51	0.53	36	0.35	0.21		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.51	0.76	36	0.50	0.66		.	.

**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.15	0.76	36	0.84			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 7	Intercept		1.80	2.21	5	0.45	.	experiment_number	0.28	76.11
	Intensity level	1-High	0.24	0.47	36	0.61	0.14	Residual	0.20	.
		2-Medium	1.24	0.68	36	0.08			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.01	0.32	36	0.97	0.97		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1- yes	-0.27	0.54	36	0.63	0.56		.	.
		Clean=1-rule; Plastic=2- no	-0.69	0.49	36	0.17			.	.
		Clean=2-base; Plastic=1- yes	-0.17	0.47	36	0.72			.	.
		Clean=2-base; Plastic=2- no	0.00	.	.	.			.	.
Objective Y: Model 8	Intercept		2.04	2.45	5	0.44	.	experiment_number	0.28	76.11
	Job type	I1-Cut Outs	-0.24	0.47	36	0.61	0.14	Residual	0.20	.
		I5-Heat gun under 1100 degrees	0.99	0.50	36	0.06			.	.

**Table K7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.01	0.32	36	0.97	0.97		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.27	0.54	36	0.63	0.56		.	.
		Clean=1-rule; Plastic=2-no	-0.69	0.49	36	0.17			.	.
		Clean=2-base; Plastic=1-yes	-0.17	0.47	36	0.72			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table K8. Post-Verification Tool Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 41	Intercept		3.33	0.23	9	<0.01	.	experiment_number	0.02	82.64
	Intensity level	1-High	-0.68	0.32	24	0.04	0.02	Residual	0.56	.
		2-Medium	0.24	0.32	24	0.47			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 42	Intercept		2.65	0.23	9	<0.01	.	experiment_number	0.02	82.64
	Job type	I1-Cut Outs	0.68	0.32	24	0.04	0.02	Residual	0.56	.
		I5-Heat gun under 1100 degrees	0.92	0.32	24	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 43	Intercept		3.59	1.80	8	0.08	.	experiment_number	0.06	87.08
	Square feet disturbed		-0.08	0.29	23	0.78	0.78	Residual	0.56	.
	Avg. paint lead		0.03	0.05	23	0.58	0.58		.	.
	Intensity level	1-High	5.16	19.78	23	0.80	0.14		.	.
		2-Medium	3.96	12.71	23	0.76			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 44	Intercept		8.75	21.51	8	0.69	.	experiment_number	0.06	87.08
	Square feet disturbed		-0.08	0.29	23	0.78	0.78	Residual	0.56	.
	Avg. paint lead		0.03	0.05	23	0.58	0.58		.	.
	Job type	I1-Cut Outs	-5.16	19.78	23	0.80	0.14		.	.
		I5-Heat gun under 1100 degrees	-1.20	7.08	23	0.87			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 45	Intercept		2.82	0.52	5	<0.01	.	experiment_number	0.04	84.20
	Avg. paint lead		0.07	0.06	24	0.23	0.23	Residual	0.56	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.45	0.43	24	0.32	0.43		.	.

**Table K8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Clean=1-rule; Plastic=2-no	-0.07	0.39	24	0.86			.	.
		Clean=2-base; Plastic=1-yes	0.28	0.39	24	0.48			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	-0.27	0.47	24	0.58	0.14		.	.
		2-Medium	0.44	0.37	24	0.25			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 46	Intercept		2.55	0.34	5	<0.01	.	experiment_number	0.04	84.20
	Avg. paint lead		0.07	0.06	24	0.23	0.23	Residual	0.56	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.45	0.43	24	0.32	0.43		.	.
		Clean=1-rule; Plastic=2-no	-0.07	0.39	24	0.86			.	.
		Clean=2-base; Plastic=1-yes	0.28	0.39	24	0.48			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.27	0.47	24	0.58	0.14		.	.
		I5-Heat gun under 1100 degrees	0.71	0.38	24	0.07			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 21	Intercept		3.16	0.25	10	<0.01	.	experiment_number	0.18	89.09
	Plastic	1-yes	0.05	0.35	24	0.89	0.89	Residual	0.56	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 22	Intercept		3.30	0.28	8	<0.01	.	experiment_number	0.04	83.40
	Intensity level	1-High	-0.68	0.34	24	0.06	0.03	Residual	0.56	.
		2-Medium	0.24	0.34	24	0.49			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.05	0.28	24	0.87	0.87		.	.
		2-no	0.00	.	.	.			.	.

**Table K8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 2: Model 23	Intercept		3.27	0.39	6	<0.01	.	experiment_number	0.12	81.26
	Intensity level	1-High	-0.61	0.55	24	0.28	0.07	Residual	0.56	.
		2-Medium	0.28	0.55	24	0.62			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.12	0.55	24	0.83	0.88		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.13	0.78	24	0.87	0.99		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.08	0.78	24	0.92			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 24	Intercept		2.62	0.28	8	<0.01	.	experiment_number	0.04	83.40
	Job type	I1-Cut Outs	0.68	0.34	24	0.06	0.03	Residual	0.56	.
		I5-Heat gun under 1100 degrees	0.92	0.34	24	0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.05	0.28	24	0.87	0.87		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 25	Intercept		2.65	0.39	6	<0.01	.	experiment_number	0.12	81.26
	Job type	I1-Cut Outs	0.61	0.55	24	0.28	0.07	Residual	0.56	.
		I5-Heat gun under 1100 degrees	0.89	0.55	24	0.12			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	-0.01	0.55	24	0.98	0.88		.	.

**Table K8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.13	0.78	24	0.87	0.99		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.05	0.78	24	0.95			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 21	Intercept		3.31	0.24	10	<0.01	.	experiment_number	0.16	88.57
	Clean	1-rule	-0.25	0.34	24	0.47	0.47	Residual	0.56	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 22	Intercept		3.45	0.26	8	<0.01	.	experiment_number	0.02	82.56
	Intensity level	1-High	-0.68	0.32	24	0.05	0.02	Residual	0.56	.
		2-Medium	0.24	0.32	24	0.47			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.25	0.26	24	0.35	0.35		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 23	Intercept		3.13	0.30	6	<0.01	.	experiment_number	0.00	76.64
	Intensity level	1-High	-0.03	0.42	24	0.94	0.01	Residual	0.53	.
		2-Medium	0.56	0.42	24	0.20			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.39	0.42	24	0.36	0.31		.	.
		2-base	0.00	.	.	.			.	.

**Table K8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-1.29	0.59	24	0.04	0.11		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.64	0.59	24	0.29			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 24	Intercept		2.77	0.26	8	<0.01	.	experiment_number	0.02	82.56
	Job type	I1-Cut Outs	0.68	0.32	24	0.05	0.02	Residual	0.56	.
		I5-Heat gun under 1100 degrees	0.92	0.32	24	<0.01			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.25	0.26	24	0.35	0.35		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 25	Intercept		3.10	0.30	6	<0.01	.	experiment_number	0.00	76.64
	Job type	I1-Cut Outs	0.03	0.42	24	0.94	0.01	Residual	0.53	.
		I5-Heat gun under 1100 degrees	0.59	0.42	24	0.17			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.90	0.42	24	0.04	0.31		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	1.29	0.59	24	0.04	0.11		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.



**Table K8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	0.65	0.59	24	0.28			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 9	Intercept		3.92	1.61	7	0.05	.	experiment_number	0.07	84.29
	Intensity level	1-High	-0.61	0.41	24	0.15	0.05	Residual	0.56	.
		2-Medium	0.40	0.55	24	0.48			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		-0.09	0.24	24	0.70	0.70		.	.
	Plastic	1-yes	0.12	0.35	24	0.74	0.74		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 10	Intercept		3.31	1.79	7	0.11	.	experiment_number	0.07	84.29
	Job type	I1-Cut Outs	0.61	0.41	24	0.15	0.05	Residual	0.56	.
		I5-Heat gun under 1100 degrees	1.00	0.42	24	0.03			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		-0.09	0.24	24	0.70	0.70		.	.
	Plastic	1-yes	0.12	0.35	24	0.74	0.74		.	.
		2-no	0.00	.	.	.			.	.

**Table K9. Post-Verification Observation Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 47	Intercept		3.27	0.38	9	<0.01	.	experiment_number	0.24	62.25
	Intensity level	1-High	-0.91	0.54	12	0.12	0.20	Residual	0.67	.
		2-Medium	-0.04	0.54	12	0.94			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 48	Intercept		2.36	0.38	9	<0.01	.	experiment_number	0.24	62.25
	Job type	I1-Cut Outs	0.91	0.54	12	0.12	0.20	Residual	0.67	.
		I5-Heat gun under 1100 degrees	0.87	0.54	12	0.13			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 49	Intercept		3.52	3.07	7	0.29	.	experiment_number	0.39	64.89
	Square feet disturbed		0.00	0.49	12	1.00	1.00	Residual	0.67	.
	Avg. paint lead		-0.03	0.09	12	0.74	0.74		.	.
	Intensity level	1-High	-0.98	33.76	12	0.98	0.58		.	.
		2-Medium	-0.06	21.69	12	1.00			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 50	Intercept		2.55	36.71	7	0.95	.	experiment_number	0.39	64.89
	Square feet disturbed		0.00	0.49	12	1.00	1.00	Residual	0.67	.
	Avg. paint lead		-0.03	0.09	12	0.74	0.74		.	.
	Job type	I1-Cut Outs	0.98	33.76	12	0.98	0.58		.	.
		I5-Heat gun under 1100 degrees	0.92	12.09	12	0.94			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 51	Intercept		3.34	0.81	5	<0.01	.	experiment_number	0.21	58.90
	Avg. paint lead		-0.04	0.09	12	0.66	0.66	Residual	0.67	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	0.46	0.67	12	0.51	0.27		.	.
		Clean=1-rule; Plastic=2-no	-0.30	0.61	12	0.63			.	.

**Table K9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Clean=2-base; Plastic=1-yes	0.87	0.60	12	0.17			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	-1.14	0.73	12	0.14	0.24		.	.
		2-Medium	-0.16	0.58	12	0.79			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 52	Intercept		2.19	0.53	5	<0.01	.	experiment_number	0.21	58.90
	Avg. paint lead		-0.04	0.09	12	0.66	0.66	Residual	0.67	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	0.46	0.67	12	0.51	0.27		.	.
		Clean=1-rule; Plastic=2-no	-0.30	0.61	12	0.63			.	.
		Clean=2-base; Plastic=1-yes	0.87	0.60	12	0.17			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	1.14	0.73	12	0.14	0.24		.	.
		I5-Heat gun under 1100 degrees	0.99	0.58	12	0.12			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 2: Model 26	Intercept		2.57	0.30	10	<0.01	.	experiment_number	0.22	63.59
	Plastic	1-yes	0.76	0.43	12	0.10	0.10	Residual	0.67	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 27	Intercept		2.89	0.38	8	<0.01	.	experiment_number	0.10	58.71
	Intensity level	1-High	-0.91	0.46	12	0.07	0.13	Residual	0.67	.
		2-Medium	-0.04	0.46	12	0.93			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.76	0.38	12	0.07	0.07		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 28	Intercept		3.18	0.47	6	<0.01	.	experiment_number	0.12	53.92
	Intensity level	1-High	-1.20	0.67	12	0.10	0.14	Residual	0.67	.
		2-Medium	-0.65	0.67	12	0.36			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.17	0.67	12	0.81	0.07		.	.
		2-no	0.00	.	.	.			.	.

**Table K9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.58	0.95	12	0.55	0.47		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	1.21	0.95	12	0.23			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 29	Intercept		1.98	0.38	8	<0.01	.	experiment_number	0.10	58.71
	Job type	I1-Cut Outs	0.91	0.46	12	0.07	0.13	Residual	0.67	.
		I5-Heat gun under 1100 degrees	0.87	0.46	12	0.09			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.76	0.38	12	0.07	0.07		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 30	Intercept		1.99	0.47	6	<0.01	.	experiment_number	0.12	53.92
	Job type	I1-Cut Outs	1.20	0.67	12	0.10	0.14	Residual	0.67	.
		I5-Heat gun under 1100 degrees	0.55	0.67	12	0.42			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Plastic	1-yes	0.75	0.67	12	0.29	0.07		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.58	0.95	12	0.55	0.47		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.

**Table K9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.63	0.95	12	0.52			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 26	Intercept		3.17	0.33	10	<0.01	.	experiment_number	0.34	65.50
	Clean	1-rule	-0.44	0.47	12	0.37	0.37	Residual	0.67	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 27	Intercept		3.49	0.44	8	<0.01	.	experiment_number	0.24	61.05
	Intensity level	1-High	-0.91	0.54	12	0.12	0.20	Residual	0.67	.
		2-Medium	-0.04	0.54	12	0.94			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.44	0.44	12	0.33	0.33		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 28	Intercept		3.02	0.48	6	<0.01	.	experiment_number	0.14	54.17
	Intensity level	1-High	-0.44	0.69	12	0.54	0.15	Residual	0.67	.
		2-Medium	0.90	0.69	12	0.21			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.51	0.69	12	0.48	0.29		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.95	0.97	12	0.35	0.19		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-1.89	0.97	12	0.08			.	.

**Table K9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 29	Intercept		2.58	0.44	8	<0.01	.	experiment_number	0.24	61.05
	Job type	I1-Cut Outs	0.91	0.54	12	0.12	0.20	Residual	0.67	.
		I5-Heat gun under 1100 degrees	0.87	0.54	12	0.13			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.44	0.44	12	0.33	0.33		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 30	Intercept		2.58	0.48	6	<0.01	.	experiment_number	0.14	54.17
	Job type	I1-Cut Outs	0.44	0.69	12	0.54	0.15	Residual	0.67	.
		I5-Heat gun under 1100 degrees	1.34	0.69	12	0.07			.	.
		I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Clean	1-rule	-0.44	0.69	12	0.53	0.29		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.95	0.97	12	0.35	0.19		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.94	0.97	12	0.35			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.00	.	.	.			.	.

**Table K9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=l6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 11	Intercept		3.28	2.21	7	0.18	.	experiment_number	0.15	59.09
	Intensity level	1-High	-0.86	0.56	12	0.15	0.16	Residual	0.67	.
		2-Medium	0.06	0.76	12	0.94			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		-0.06	0.33	12	0.86	0.86		.	.
	Plastic	1-yes	0.81	0.48	12	0.12	0.12		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 12	Intercept		2.42	2.47	7	0.36	.	experiment_number	0.15	59.09
	Job type	l1-Cut Outs	0.86	0.56	12	0.15	0.16	Residual	0.67	.
		l5-Heat gun under 1100 degrees	0.93	0.58	12	0.14			.	.
		l6-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		-0.06	0.33	12	0.86	0.86		.	.
	Plastic	1-yes	0.81	0.48	12	0.12	0.12		.	.
		2-no	0.00	.	.	.			.	.

**Table K10. Rule vs. Non-Rule Work Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 1	Intercept	.	3.12	0.49	4	<0.01	.	experiment_number	0.67	46.12	
	rule	.	-0.98	0.70	18	0.18	0.18	Residual	0.24	.	
Objective 7: Model 2	Intercept	.	2.40	0.42	2	0.03	.	experiment_number	0.20	39.31	
	rule	.	-0.98	0.42	18	0.03	0.03	Residual	0.24	.	
	Intensity level	.1-High	0.60	0.51	18	0.25	0.02	.	.	.	
		.2-Medium	1.54	0.51	18	<0.01	.	.	.	.	
		.3-Low	0.00	.	.	.	.	.	.	.	
Objective 7: Model 3	Intercept	.	2.22	0.25	0	.	.	experiment_number	0.00	33.82	
	rule	.	-0.61	0.35	18	0.10	<0.01	Residual	0.24	.	
	Intensity level	.1-High	1.21	0.35	18	<0.01	<0.01	.	.	.	
		.2-Medium	1.49	0.35	18	<0.01	.	.	.	.	
		.3-Low	0.00	.	.	.	.	.	.	.	
		rule*Intensity level	.1-High	-1.21	0.49	18	0.02	0.03	.	.	.
			.2-Medium	0.09	0.49	18	0.86	.	.	.	.
		.3-Low	0.00	.	.	.	.	.	.	.	
Objective 7: Model 4	Intercept	.	3.01	0.42	2	0.02	.	experiment_number	0.20	39.31	
	rule	.	-0.98	0.42	18	0.03	0.03	Residual	0.24	.	
	Job type	.11-Cut Outs	-0.60	0.51	18	0.25	0.02	.	.	.	
		.15-Heat gun under 1100 degrees	0.93	0.51	18	0.09	.	.	.	.	
		.16-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.	
Objective 7: Model 5	Intercept	.	3.43	0.25	0	.	.	experiment_number	0.00	33.82	
	rule	.	-1.82	0.35	18	<0.01	<0.01	Residual	0.24	.	
	Job type	.11-Cut Outs	-1.21	0.35	18	<0.01	<0.01	.	.	.	
		.15-Heat gun under 1100 degrees	0.28	0.35	18	0.42	.	.	.	.	
		.16-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.	



**Table K10. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	rule*Job type	.I1-Cut Outs	1.21	0.49	18	0.02	0.03		.	.
		.I5-Heat gun under 1100 degrees	1.30	0.49	18	0.02			.	.
		.I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K11. Rule vs. Non-Rule Tool Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 6	Intercept	.	3.23	0.45	4	<0.01	.	experiment_number	0.39	46.21	
	rule	.	-0.27	0.63	12	0.68	0.68	Residual	0.61	.	
Objective 7: Model 7	Intercept	.	3.61	0.36	2	<0.01	.	experiment_number	0.00	38.86	
	rule	.	-0.27	0.36	12	0.46	0.46	Residual	0.58	.	
	Intensity level	.1-High	-1.23	0.44	12	0.02	0.02	.	.	.	
		.2-Medium	0.08	0.44	12	0.86	.	.	.	.	
		.3-Low	0.00	.	.	.	.	.	.	.	
Objective 7: Model 8	Intercept	.	3.59	0.45	0	.	.	experiment_number	0.00	34.73	
	rule	.	-0.23	0.64	12	0.72	0.48	Residual	0.61	.	
	Intensity level	.1-High	-0.95	0.64	12	0.16	0.31	.	.	.	
		.2-Medium	-0.13	0.64	12	0.84	.	.	.	.	
		.3-Low	0.00	.	.	.	.	.	.	.	
		rule*Intensity level	.1-High	-0.55	0.90	12	0.55	0.57	.	.	.
			.2-Medium	0.43	0.90	12	0.64	.	.	.	.
			.3-Low	0.00	.	.	.	.	.	.	.
Objective 7: Model 9	Intercept	.	2.38	0.36	2	0.02	.	experiment_number	0.00	38.86	
	rule	.	-0.27	0.36	12	0.46	0.46	Residual	0.58	.	
	Job type	.11-Cut Outs	1.23	0.44	12	0.02	0.02	.	.	.	
		.15-Heat gun under 1100 degrees	1.31	0.44	12	0.01	.	.	.	.	
		.16-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.	
Objective 7: Model 10	Intercept	.	2.64	0.45	0	.	.	experiment_number	0.00	34.73	
	rule	.	-0.78	0.64	12	0.25	0.48	Residual	0.61	.	
	Job type	.11-Cut Outs	0.95	0.64	12	0.16	0.31	.	.	.	
		.15-Heat gun under 1100 degrees	0.82	0.64	12	0.22	.	.	.	.	
		.16-Heat gun over 1100 degrees	0.00	.	.	.	.	.	.	.	

**Table K11. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	rule*Job type	.I1-Cut Outs	0.55	0.90	12	0.55	0.57		.	.
		.I5-Heat gun under 1100 degrees	0.98	0.90	12	0.30			.	.
		.I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K12. Rule vs. Non-Rule Observation Room Child Occupied Facility Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 11	Intercept	.	2.71	0.43	4	<0.01	.	experiment_number	0.31	27.86
	rule	.	0.35	0.61	6	0.58	0.58	Residual	0.47	.
Objective 7: Model 12	Intercept	.	3.23	0.39	2	0.01	.	experiment_number	0.00	21.82
	rule	.	0.35	0.39	6	0.40	0.40	Residual	0.46	.
	Intensity level	.1-High	-1.27	0.48	6	0.04	0.09		.	.
		.2-Medium	-0.29	0.48	6	0.57			.	.
		.3-Low	0.00	.	.	.			.	.
Objective 7: Model 13	Intercept	.	3.27	0.49	0	.	.	experiment_number	0.00	16.70
	rule	.	0.27	0.69	6	0.71	0.41	Residual	0.47	.
	Intensity level	.1-High	-1.66	0.69	6	0.05	0.08		.	.
		.2-Medium	-0.03	0.69	6	0.97			.	.
		.3-Low	0.00	.	.	.			.	.
	rule*Intensity level	.1-High	0.79	0.97	6	0.45	0.45		.	.
		.2-Medium	-0.52	0.97	6	0.61			.	.
		.3-Low	0.00	.	.	.			.	.
Objective 7: Model 14	Intercept	.	1.96	0.39	2	0.04	.	experiment_number	0.00	21.82
	rule	.	0.35	0.39	6	0.40	0.40	Residual	0.46	.
	Job type	.11-Cut Outs	1.27	0.48	6	0.04	0.09		.	.
		.15-Heat gun under 1100 degrees	0.98	0.48	6	0.09			.	.
		.16-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 7: Model 15	Intercept	.	1.61	0.49	0	.	.	experiment_number	0.00	16.70
	rule	.	1.05	0.69	6	0.18	0.41	Residual	0.47	.
	Job type	.11-Cut Outs	1.66	0.69	6	0.05	0.08		.	.
		.15-Heat gun under 1100 degrees	1.63	0.69	6	0.06			.	.
		.16-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table K11. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	rule*Job type	.I1-Cut Outs	-0.79	0.97	6	0.45	0.45		.	.
		.I5-Heat gun under 1100 degrees	-1.31	0.97	6	0.23			.	.
		.I6-Heat gun over 1100 degrees	0.00	.	.	.			.	.

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## **APPENDIX L**

### **DETAILED STATISTICAL MODELING RESULTS OF COMBINED HOUSING UNIT/COF FLOOR LEAD LEVELS**

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**Table L1. Post-Work Work Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept		7.05	0.47	6	<0.01	.	unit_id	0.09	945.45
	COF		-1.45	1.13	181	0.20	0.20	room_id(unit_id)	1.90	.
	Intensity level	1-High	1.03	0.39	181	<0.01	<0.01	experiment_number	0.52	.
		2-Medium	3.19	0.43	181	<0.01		Residual	2.25	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 2	Intercept		7.06	0.44	16	<0.01	.	room_id(unit_id)	0.61	921.29
	COF		-1.53	0.77	181	0.05	0.05	experiment_number	0.46	.
	Job type	I1-Cut Outs	-0.29	0.53	181	0.58	<0.01	Residual	2.25	.
		I2-Replace Windows	1.00	0.64	181	0.12			.	.
		I3-Scrape Surface	1.30	0.67	181	0.06			.	.
		I4-Scrape Door	3.82	0.57	181	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.67	0.96	181	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.04	0.60	181	<0.01			.	.
I7-Kitchen		0.00	.	.	.			.	.	
Objective 1: Model 3	Intercept		6.17	0.50	16	<0.01	.	room_id(unit_id)	1.24	943.15
	COF		-1.75	0.90	180	0.05	0.05	experiment_number	0.39	.
	Square feet disturbed		0.00	0.01	180	0.76	0.76	Residual	2.25	.
	Avg. paint lead		0.23	0.06	180	<0.01	<0.01		.	.
	Intensity level	1-High	1.50	0.69	180	0.03	<0.01		.	.
		2-Medium	3.31	0.55	180	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 4	Intercept		6.48	0.83	10	<0.01	.	unit_id	0.19	915.41
	COF		-1.40	0.63	181	0.03	0.03	experiment_number	0.33	.
	Square feet disturbed		0.00	0.01	181	0.82	0.82	Residual	2.25	.
	Avg. paint lead		0.24	0.05	181	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	-0.91	0.75	181	0.22	<0.01		.	.
		I2-Replace Windows	0.96	0.77	181	0.22			.	.
		I3-Scrape Surface	1.25	0.62	181	0.05			.	.
I4-Scrape Door		3.43	0.59	181	<0.01			.	.	

**Table L1. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.50	0.73	181	0.04			.	.
		I6-Heat gun over 1100 degrees	1.95	0.56	181	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table L2. Post-Work Tool Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 5	Intercept		3.93	0.54	6	<0.01	.	unit_id	1.70	436.32
	COF		-1.37	1.48	72	0.36	0.36	room_id(unit_id)	0.38	.
	Intensity level	1-High	-0.06	0.38	72	0.87	<0.01	experiment_number	0.63	.
		2-Medium	1.65	0.40	72	<0.01		Residual	0.87	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 6	Intercept		3.50	0.55	6	<0.01	.	unit_id	1.77	413.41
	COF		-1.57	1.54	72	0.31	0.31	room_id(unit_id)	0.38	.
	Job type	I1-Cut Outs	0.95	0.50	72	0.06	<0.01	experiment_number	0.33	.
		I2-Replace Windows	0.53	0.64	72	0.40		Residual	0.87	.
		I3-Scrape Surface	0.71	0.69	72	0.31			.	.
		I4-Scrape Door	3.57	0.55	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.54	0.84	72	0.07			.	.
		I6-Heat gun over 1100 degrees	0.99	0.61	72	0.11			.	.
I7-Kitchen		0.00	.	.	.			.	.	
Objective 1: Model 7	Intercept		3.33	0.56	6	<0.01	.	unit_id	1.09	441.95
	COF		-1.55	1.22	72	0.21	0.21	room_id(unit_id)	0.32	.
	Square feet disturbed		0.00	0.01	72	0.78	0.78	experiment_number	0.63	.
	Avg. paint lead		0.14	0.06	72	0.02	0.02	Residual	0.88	.
	Intensity level	1-High	0.41	0.73	72	0.58	<0.01		.	.
		2-Medium	1.84	0.57	72	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 8	Intercept		2.32	0.92	6	0.04	.	unit_id	1.61	417.15
	COF		-1.64	1.42	72	0.25	0.25	room_id(unit_id)	0.12	.
	Square feet disturbed		0.01	0.01	72	0.32	0.32	experiment_number	0.31	.
	Avg. paint lead		0.13	0.05	72	0.01	0.01	Residual	0.88	.
	Job type	I1-Cut Outs	1.31	0.75	72	0.08	<0.01		.	.
		I2-Replace Windows	1.27	0.80	72	0.12			.	.
		I3-Scrape Surface	0.62	0.70	72	0.37			.	.
I4-Scrape Door		3.74	0.60	72	<0.01			.	.	

**Table L2. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.31	0.76	72	0.09			.	.
		I6-Heat gun over 1100 degrees	0.87	0.65	72	0.19			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 9	Intercept		4.11	0.55	6	<0.01	.	unit_id	1.72	435.21
	COF		-1.38	1.49	72	0.36	0.36	room_id(unit_id)	0.41	.
	Plastic	1-yes	-0.39	0.29	72	0.19	0.19	experiment_number	0.60	.
		2-no	0.00	.	.	.		Residual	0.87	.
	Intensity level	1-High	-0.04	0.38	72	0.91	<0.01		.	.
		2-Medium	1.72	0.40	72	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept		3.66	0.56	6	<0.01	.	unit_id	1.72	412.74
	COF		-1.56	1.53	72	0.31	0.31	room_id(unit_id)	0.44	.
	Plastic	1-yes	-0.32	0.25	72	0.20	0.20	experiment_number	0.31	.
		2-no	0.00	.	.	.		Residual	0.87	.
	Job type	I1-Cut Outs	0.92	0.50	72	0.07	<0.01		.	.
		I2-Replace Windows	0.49	0.64	72	0.45			.	.
		I3-Scrape Surface	0.82	0.70	72	0.24			.	.
		I4-Scrape Door	3.59	0.55	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.54	0.84	72	0.07			.	.
		I6-Heat gun over 1100 degrees	0.96	0.61	72	0.12			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table L3. Post-Work Observation Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 11	Intercept		2.82	0.47	10	<0.01	.	unit_id	1.25	368.55
	COF		-0.34	1.23	60	0.78	0.78	experiment_number	0.95	.
	Intensity level	1-High	-0.33	0.39	60	0.40	<0.01	Residual	0.53	.
		2-Medium	1.47	0.39	60	<0.01			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 12	Intercept		2.35	0.51	10	<0.01	.	unit_id	1.37	350.10
	COF		-0.25	1.32	60	0.85	0.85	experiment_number	0.70	.
	Job type	I1-Cut Outs	0.69	0.54	60	0.21	<0.01	Residual	0.53	.
		I2-Replace Windows	0.44	0.60	60	0.46			.	.
		I3-Scrape Surface	0.67	0.70	60	0.34			.	.
		I4-Scrape Door	3.30	0.59	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.21	0.80	60	0.14			.	.
		I6-Heat gun over 1100 degrees	0.39	0.63	60	0.54			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 13	Intercept		1.61	0.41	16	<0.01	.	room_id(unit_id)	0.44	362.92
	COF		-0.72	0.60	60	0.24	0.24	experiment_number	0.69	.
	Square feet disturbed		-0.01	0.01	60	0.58	0.58	Residual	0.53	.
	Avg. paint lead		0.25	0.05	60	<0.01	<0.01		.	.
	Intensity level	1-High	0.60	0.63	60	0.34	<0.01		.	.
		2-Medium	2.20	0.53	60	<0.01			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 14	Intercept		1.14	0.84	10	0.21	.	unit_id	0.66	344.49
	COF		-0.58	0.95	59	0.54	0.54	experiment_number	0.52	.
	Square feet disturbed		0.01	0.01	59	0.50	0.50	Residual	0.53	.
	Avg. paint lead		0.21	0.05	59	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	0.75	0.73	59	0.31	<0.01		.	.
		I2-Replace Windows	0.75	0.76	59	0.33			.	.
		I3-Scrape Surface	0.77	0.65	59	0.24			.	.
	I4-Scrape Door	3.41	0.58	59	<0.01			.	.	

**Table L3. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.20	0.71	59	0.10			.	.
		I6-Heat gun over 1100 degrees	0.50	0.60	59	0.41			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 15	Intercept		3.07	0.48	10	<0.01	.	unit_id	1.24	366.09
	COF		-0.35	1.22	60	0.78	0.78	experiment_number	0.91	.
	Plastic	1-yes	-0.53	0.30	60	0.09	0.09	Residual	0.53	.
		2-no	0.00	.	.	.		.	.	
	Intensity level	1-High	-0.32	0.39	60	0.42	<0.01		.	.
		2-Medium	1.53	0.38	60	<0.01		.	.	
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 16	Intercept		2.56	0.51	10	<0.01	.	unit_id	1.29	348.08
	COF		-0.22	1.28	60	0.86	0.86	experiment_number	0.67	.
	Plastic	1-yes	-0.46	0.28	60	0.10	0.10	Residual	0.53	.
		2-no	0.00	.	.	.		.	.	
	Job type	I1-Cut Outs	0.65	0.53	60	0.22	<0.01		.	.
		I2-Replace Windows	0.45	0.59	60	0.44		.	.	
		I3-Scrape Surface	0.83	0.70	60	0.24		.	.	
		I4-Scrape Door	3.31	0.58	60	<0.01		.	.	
		I5-Heat gun under 1100 degrees	1.19	0.79	60	0.14			.	.
		I6-Heat gun over 1100 degrees	0.39	0.62	60	0.53			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table L4. Post-Cleaning Work Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 17	Intercept		3.42	0.42	6	<0.01	.	unit_id	0.35	646.57	
	COF		-1.50	1.06	180	0.16	0.16	room_id(unit_id)	1.13	.	
	Intensity level	1-High		0.61	0.34	180	0.08	<0.01	experiment_number	0.68	.
		2-Medium		1.66	0.37	180	<0.01		Residual	0.48	.
		3-Low		0.00	.	.	.			.	.
Objective 1: Model 18	Intercept		3.39	0.41	16	<0.01	.	room_id(unit_id)	0.51	634.40	
	COF		-1.87	0.72	180	<0.01	<0.01	experiment_number	0.82	.	
	Job type	I1-Cut Outs		-0.17	0.51	180	0.73	<0.01	Residual	0.48	.
		I2-Replace Windows		0.88	0.61	180	0.15			.	.
		I3-Scrape Surface		0.71	0.64	180	0.27			.	.
		I4-Scrape Door		2.03	0.55	180	<0.01			.	.
		I5-Heat gun under 1100 degrees		2.10	0.92	180	0.02			.	.
		I6-Heat gun over 1100 degrees		1.56	0.57	180	<0.01			.	.
I7-Kitchen			0.00	.	.	.			.	.	
Objective 1: Model 19	Intercept		2.68	0.43	16	<0.01	.	room_id(unit_id)	0.85	646.46	
	COF		-1.84	0.75	179	0.02	0.02	experiment_number	0.62	.	
	Square feet disturbed		0.00	0.01	179	0.90	0.90	Residual	0.48	.	
	Avg. paint lead		0.19	0.05	179	<0.01	<0.01		.	.	
	Intensity level	1-High		0.80	0.60	179	0.18	<0.01		.	.
		2-Medium		1.66	0.48	179	<0.01			.	.
		3-Low		0.00	.	.	.			.	.
Objective 1: Model 20	Intercept		3.05	0.80	10	<0.01	.	unit_id	0.14	630.55	
	COF		-2.00	0.58	180	<0.01	<0.01	experiment_number	0.74	.	
	Square feet disturbed		-0.01	0.01	180	0.65	0.65	Residual	0.48	.	
	Avg. paint lead		0.21	0.05	180	<0.01	<0.01		.	.	
	Job type	I1-Cut Outs		-0.79	0.73	180	0.28	<0.01		.	.
		I2-Replace Windows		0.65	0.75	180	0.39			.	.
		I3-Scrape Surface		0.92	0.60	180	0.13			.	.
		I4-Scrape Door		1.80	0.57	180	<0.01			.	.

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.52	0.72	180	0.03			.	.
		I6-Heat gun over 1100 degrees	1.70	0.55	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 21	Intercept		3.42	0.40	16	<0.01	.	room_id(unit_id)	0.86	622.98
	COF		-1.88	0.74	180	0.01	0.01	experiment_number	0.38	.
	Avg. paint lead		0.20	0.04	180	<0.01	<0.01	Residual	0.48	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.24	0.29	180	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.08	0.29	180	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.70	0.28	180	0.01			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.85	0.28	180	<0.01	<0.01		.	.
		2-Medium	1.74	0.30	180	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 22	Intercept		3.56	0.37	16	<0.01	.	room_id(unit_id)	0.26	607.44
	COF		-1.94	0.52	180	<0.01	<0.01	experiment_number	0.42	.
	Avg. paint lead		0.21	0.04	180	<0.01	<0.01	Residual	0.48	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.22	0.29	180	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.11	0.29	180	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.66	0.29	180	0.02			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.50	0.39	180	0.20	<0.01		.	.
		I2-Replace Windows	0.57	0.45	180	0.22			.	.
		I3-Scrape Surface	0.71	0.48	180	0.14			.	.
		I4-Scrape Door	1.88	0.42	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.40	0.70	180	0.05			.	.



**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	1.30	0.43	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 1	Intercept		4.24	0.41	6	<0.01	.	unit_id	0.69	661.63
	COF		-1.43	1.09	180	0.19	0.19	room_id(unit_id)	0.52	.
	Plastic	1-yes	-0.28	0.31	180	0.37	0.37	experiment_number	1.08	.
		2-no	0.00	.	.	.		Residual	0.48	.
Objective 2: Model 2	Intercept		3.60	0.45	6	<0.01	.	unit_id	0.42	644.94
	COF		-1.51	1.10	180	0.17	0.17	room_id(unit_id)	1.14	.
	Intensity level	1-High	0.62	0.34	180	0.07	<0.01	experiment_number	0.65	.
		2-Medium	1.74	0.37	180	<0.01		Residual	0.48	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.41	0.26	180	0.11	0.11		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 3	Intercept		3.69	0.49	6	<0.01	.	unit_id	0.40	639.16
	COF		-1.52	1.14	180	0.18	0.18	room_id(unit_id)	1.36	.
	Intensity level	1-High	0.84	0.45	180	0.06	<0.01	experiment_number	0.57	.
		2-Medium	1.43	0.43	180	<0.01		Residual	0.48	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.69	0.46	180	0.14	0.05		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.34	0.62	180	0.58	0.10		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	0.88	0.59	180	0.14			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 4	Intercept		3.57	0.43	16	<0.01	.	room_id(unit_id)	0.53	633.39

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	COF		-1.86	0.72	180	0.01	0.01	experiment_number	0.80	.
	Job type	I1-Cut Outs	-0.19	0.50	180	0.70	<0.01	Residual	0.48	.
		I2-Replace Windows	0.87	0.60	180	0.15			.	.
		I3-Scrape Surface	0.77	0.64	180	0.23			.	.
		I4-Scrape Door	2.06	0.55	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.08	0.91	180	0.02			.	.
		I6-Heat gun over 1100 degrees	1.53	0.56	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.36	0.27	180	0.18	0.18		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 5	Intercept		3.40	0.55	16	<0.01	.	room_id(unit_id)	0.57	614.84
	COF		-1.84	0.73	180	0.01	0.01	experiment_number	0.70	.
	Job type	I1-Cut Outs	0.15	0.66	180	0.83	<0.01	Residual	0.48	.
		I2-Replace Windows	0.91	0.84	180	0.28			.	.
		I3-Scrape Surface	0.33	0.76	180	0.66			.	.
		I4-Scrape Door	2.56	0.72	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.63	1.07	180	0.13			.	.
		I6-Heat gun over 1100 degrees	2.08	0.73	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.02	0.77	180	0.97	0.52		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.70	0.90	180	0.44	0.13		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.19	1.17	180	0.87			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	0.90	1.00	180	0.37			.	.

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.04	1.02	180	0.31			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.84	1.19	180	0.48			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.24	0.95	180	0.19			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 1	Intercept		4.45	0.40	6	<0.01	.	unit_id	0.86	656.06
	COF		-1.40	1.13	180	0.21	0.21	room_id(unit_id)	0.36	.
	Clean	1-rule	-0.75	0.28	180	<0.01	<0.01	experiment_number	0.96	.
		2-base	0.00	.	.	.		Residual	0.48	.
Objective 3: Model 2	Intercept		3.76	0.45	6	<0.01	.	unit_id	0.68	639.46
	COF		-1.46	1.13	180	0.20	0.20	room_id(unit_id)	0.80	.
	Intensity level	1-High	0.55	0.32	180	0.09	<0.01	experiment_number	0.58	.
		2-Medium	1.63	0.35	180	<0.01		Residual	0.48	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.70	0.23	180	<0.01	<0.01		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 3	Intercept		3.63	0.48	6	<0.01	.	unit_id	0.77	636.57
	COF		-1.45	1.15	180	0.21	0.21	room_id(unit_id)	0.69	.
	Intensity level	1-High	0.91	0.43	180	0.04	<0.01	experiment_number	0.59	.

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-Medium	1.69	0.46	180	<0.01		Residual	0.48	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.45	0.39	180	0.24	<0.01		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.73	0.57	180	0.20	0.41		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.12	0.55	180	0.82			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 4	Intercept		3.79	0.41	16	<0.01	.	room_id(unit_id)	0.47	627.01
	COF		-1.88	0.68	180	<0.01	<0.01	experiment_number	0.69	.
	Job type	I1-Cut Outs	-0.15	0.47	180	0.75	<0.01	Residual	0.48	.
		I2-Replace Windows	0.84	0.57	180	0.14			.	.
		I3-Scrape Surface	0.57	0.60	180	0.34			.	.
		I4-Scrape Door	2.10	0.51	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.06	0.86	180	0.02			.	.
		I6-Heat gun over 1100 degrees	1.49	0.53	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.74	0.25	180	<0.01	<0.01		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 5	Intercept		4.09	0.54	16	<0.01	.	room_id(unit_id)	0.40	614.04
	COF		-1.89	0.66	180	<0.01	<0.01	experiment_number	0.74	.
	Job type	I1-Cut Outs	-0.69	0.67	180	0.31	<0.01	Residual	0.48	.
		I2-Replace Windows	0.60	0.76	180	0.43			.	.
		I3-Scrape Surface	0.41	0.81	180	0.61			.	.
		I4-Scrape Door	1.35	0.71	180	0.06			.	.

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.48	1.05	180	0.16			.	.
		I6-Heat gun over 1100 degrees	1.55	0.71	180	0.03			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-1.44	0.76	180	0.06	<0.01		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	1.06	0.93	180	0.26	0.58		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.74	1.01	180	0.47			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.32	1.00	180	0.75			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.58	1.01	180	0.12			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	1.30	1.19	180	0.28			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.16	0.94	180	0.87			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.

**Table L4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective Y: Model 1	Intercept		0.59	0.83	16	0.49	.	room_id(unit_id)	0.55	621.79	
	COF		-1.01	0.62	180	0.11	0.11	experiment_number	0.45	.	
	Intensity level	1-High	0.09	0.30	180	0.76	0.75	Residual	0.48	.	
		2-Medium	0.30	0.40	180	0.46			.	.	
		3-Low	0.00	.	.	.			.	.	
		Avg. PostWork Work Floor Lead		0.47	0.10	180	<0.01	<0.01		.	.
		Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.07	0.31	180	<0.01	<0.01		.	.
			Clean=1-rule; Plastic=2-no	-0.90	0.30	180	<0.01			.	.
			Clean=2-base; Plastic=1-yes	-0.57	0.30	180	0.06			.	.
			Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 2	Intercept		0.87	1.02	16	0.40	.	room_id(unit_id)	0.30	615.60	
	COF		-1.36	0.59	180	0.02	0.02	experiment_number	0.55	.	
	Job type	I1-Cut Outs	0.17	0.43	180	0.69	0.64	Residual	0.48	.	
		I2-Replace Windows	0.51	0.51	180	0.32			.	.	
		I3-Scrape Surface	0.25	0.53	180	0.64			.	.	
		I4-Scrape Door	0.93	0.58	180	0.11			.	.	
		I5-Heat gun under 1100 degrees	1.07	0.81	180	0.19			.	.	
		I6-Heat gun over 1100 degrees	0.93	0.50	180	0.07			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Avg. PostWork Work Floor Lead		0.40	0.12	180	<0.01	<0.01		.	.
		Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.06	0.32	180	<0.01	<0.01		.	.
			Clean=1-rule; Plastic=2-no	-0.93	0.32	180	<0.01			.	.
			Clean=2-base; Plastic=1-yes	-0.56	0.32	180	0.08			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.	

**Table L5. Post-Cleaning Tool Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 23	Intercept		3.95	0.57	6	<0.01	.	unit_id	1.95	411.61
	COF		-1.33	1.58	72	0.40	0.40	room_id(unit_id)	0.39	.
	Intensity level	1-High	-0.11	0.41	72	0.80	<0.01	experiment_number	0.92	.
		2-Medium	1.54	0.43	72	<0.01		Residual	0.56	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 24	Intercept		3.57	0.59	6	<0.01	.	unit_id	1.91	392.78
	COF		-1.39	1.61	72	0.39	0.39	room_id(unit_id)	0.40	.
	Job type	I1-Cut Outs	0.62	0.56	72	0.27	<0.01	experiment_number	0.69	.
		I2-Replace Windows	0.77	0.70	72	0.27		Residual	0.56	.
		I3-Scrape Surface	0.46	0.77	72	0.55			.	.
		I4-Scrape Door	3.28	0.61	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.36	0.95	72	0.16			.	.
		I6-Heat gun over 1100 degrees	0.79	0.68	72	0.25			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 25	Intercept		2.87	0.51	16	<0.01	.	room_id(unit_id)	1.10	415.43
	COF		-1.54	0.87	72	0.08	0.08	experiment_number	0.88	.
	Square feet disturbed		0.00	0.01	72	0.97	0.97	Residual	0.56	.
	Avg. paint lead		0.19	0.06	72	<0.01	<0.01		.	.
	Intensity level	1-High	0.44	0.74	72	0.55	<0.01		.	.
		2-Medium	1.83	0.60	72	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 26	Intercept		1.90	0.97	10	0.08	.	unit_id	1.57	392.20
	COF		-1.58	1.39	71	0.26	0.26	experiment_number	0.63	.
	Square feet disturbed		0.02	0.02	71	0.20	0.20	Residual	0.56	.
	Avg. paint lead		0.17	0.05	71	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	1.10	0.81	71	0.18	<0.01		.	.
		I2-Replace Windows	1.84	0.85	71	0.03			.	.
		I3-Scrape Surface	0.35	0.74	71	0.63			.	.
I4-Scrape Door		3.52	0.65	71	<0.01			.	.	

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.31	0.76	71	0.09			.	.
		I6-Heat gun over 1100 degrees	0.68	0.70	71	0.33			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 27	Intercept		3.42	0.61	6	<0.01	.	unit_id	1.18	405.94
	COF		-1.62	1.28	72	0.21	0.21	room_id(unit_id)	0.37	.
	Avg. paint lead		0.18	0.06	72	<0.01	<0.01	experiment_number	0.86	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.59	0.42	72	0.17	0.52	Residual	0.56	.
		Clean=1-rule; Plastic=2-no	-0.15	0.42	72	0.72			.	.
		Clean=2-base; Plastic=1-yes	-0.43	0.42	72	0.31			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.26	0.41	72	0.53	<0.01		.	.
		2-Medium	1.73	0.42	72	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 28	Intercept		3.31	0.61	10	<0.01	.	unit_id	1.82	385.51
	COF		-1.65	1.49	72	0.27	0.27	experiment_number	0.61	.
	Avg. paint lead		0.18	0.05	72	<0.01	<0.01	Residual	0.56	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.62	0.37	72	0.10	0.40		.	.
		Clean=1-rule; Plastic=2-no	-0.34	0.37	72	0.35			.	.
		Clean=2-base; Plastic=1-yes	-0.46	0.37	72	0.22			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.31	0.54	72	0.57	<0.01		.	.
		I2-Replace Windows	1.03	0.59	72	0.08			.	.
		I3-Scrape Surface	0.73	0.71	72	0.31			.	.
		I4-Scrape Door	3.20	0.58	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.29	0.76	72	0.09			.	.
		I6-Heat gun over 1100 degrees	1.05	0.63	72	0.10			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 6	Intercept		4.46	0.51	10	<0.01	.	unit_id	1.81	424.50
	COF		-1.22	1.47	72	0.41	0.41	experiment_number	1.41	.



**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.30	0.36	72	0.42	0.42	Residual	0.56	.
		2-no	0.00	.	.	.	.		.	.
Objective 2: Model 7	Intercept		4.14	0.59	6	<0.01	.	unit_id	1.93	410.26
	COF		-1.34	1.58	72	0.40	0.40	room_id(unit_id)	0.44	.
	Intensity level	1-High	-0.08	0.40	72	0.84	<0.01	experiment_number	0.89	.
		2-Medium	1.62	0.43	72	<0.01		Residual	0.56	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.42	0.31	72	0.18	0.18		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 8	Intercept		4.07	0.63	6	<0.01	.	unit_id	2.19	404.34
	COF		-1.34	1.63	72	0.41	0.41	room_id(unit_id)	0.25	.
	Intensity level	1-High	-0.35	0.54	72	0.52	<0.01	experiment_number	0.87	.
		2-Medium	1.97	0.52	72	<0.01		Residual	0.56	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.11	0.56	72	0.84	0.29		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.35	0.74	72	0.64	0.15		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-1.02	0.73	72	0.17			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 9	Intercept		3.75	0.60	6	<0.01	.	unit_id	1.80	391.86
	COF		-1.36	1.59	72	0.39	0.39	room_id(unit_id)	0.49	.
	Job type	I1-Cut Outs	0.59	0.55	72	0.29	<0.01	experiment_number	0.66	.
		I2-Replace Windows	0.70	0.70	72	0.32		Residual	0.56	.
		I3-Scrape Surface	0.57	0.77	72	0.46			.	.
		I4-Scrape Door	3.30	0.61	72	<0.01			.	.

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.32	0.95	72	0.17			.	.
		I6-Heat gun over 1100 degrees	0.75	0.68	72	0.27			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.36	0.28	72	0.20	0.20		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 10	Intercept		3.16	0.75	10	<0.01	.	unit_id	2.60	370.48
	COF		-1.41	1.75	72	0.42	0.42	experiment_number	0.59	.
	Job type	I1-Cut Outs	1.07	0.74	72	0.15	<0.01	Residual	0.56	.
		I2-Replace Windows	1.25	0.80	72	0.12			.	.
		I3-Scrape Surface	1.17	0.87	72	0.18			.	.
		I4-Scrape Door	4.81	0.80	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.59	1.00	72	0.12			.	.
		I6-Heat gun over 1100 degrees	1.10	0.83	72	0.19			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.78	0.92	72	0.40	0.52		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.82	1.00	72	0.42	0.04		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.23	1.09	72	0.83			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-1.56	1.13	72	0.17			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-3.16	1.13	72	<0.01			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=1-yes	-0.46	1.28	72	0.72			.	.
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=1-yes	-0.57	1.06	72	0.60			.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=l7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=l7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 6	Intercept		4.36	0.51	10	<0.01	.	unit_id	1.86	425.17
	COF		-1.21	1.49	72	0.42	0.42	experiment_number	1.43	.
	Clean	1-rule	-0.10	0.35	72	0.77	0.77	Residual	0.56	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 7	Intercept		4.02	0.60	6	<0.01	.	unit_id	2.06	412.06
	COF		-1.33	1.61	72	0.41	0.41	room_id(unit_id)	0.34	.
	Intensity level	1-High	-0.13	0.41	72	0.76	<0.01	experiment_number	0.95	.
		2-Medium	1.51	0.43	72	<0.01		Residual	0.56	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.11	0.30	72	0.72	0.72		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 8	Intercept		4.24	0.63	6	<0.01	.	unit_id	2.07	408.22
	COF		-1.33	1.61	72	0.41	0.41	room_id(unit_id)	0.35	.
	Intensity level	1-High	-0.30	0.56	72	0.59	<0.01	experiment_number	0.95	.
		2-Medium	1.02	0.58	72	0.08		Residual	0.56	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.53	0.50	72	0.29	0.73		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.36	0.74	72	0.63	0.43		.	.

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.93	0.71	72	0.20			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 9	Intercept		3.69	0.62	6	<0.01	.	unit_id	2.18	392.87
	COF		-1.39	1.68	72	0.41	0.41	room_id(unit_id)	0.28	.
	Job type	I1-Cut Outs	0.63	0.56	72	0.27	<0.01	experiment_number	0.70	.
		I2-Replace Windows	0.83	0.69	72	0.23		Residual	0.56	.
		I3-Scrape Surface	0.40	0.77	72	0.60			.	.
		I4-Scrape Door	3.30	0.62	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.34	0.93	72	0.15			.	.
		I6-Heat gun over 1100 degrees	0.77	0.68	72	0.26			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.23	0.27	72	0.40	0.40		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 10	Intercept		3.51	0.80	10	<0.01	.	unit_id	2.34	379.33
	COF		-1.39	1.68	72	0.41	0.41	experiment_number	0.83	.
	Job type	I1-Cut Outs	0.72	0.84	72	0.39	<0.01	Residual	0.56	.
		I2-Replace Windows	1.77	0.95	72	0.07			.	.
		I3-Scrape Surface	0.50	1.07	72	0.64			.	.
		I4-Scrape Door	2.95	0.86	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.06	1.11	72	0.35			.	.
		I6-Heat gun over 1100 degrees	1.26	0.92	72	0.18			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.01	1.01	72	0.99	0.70		.	.
		2-base	0.00	.	.	.			.	.

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.22	1.18	72	0.85	0.69		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-1.17	1.26	72	0.35			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.14	1.26	72	0.91			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.47	1.24	72	0.70			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	0.66	1.43	72	0.65			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.66	1.18	72	0.58			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 3	Intercept		0.99	1.04	10	0.36	.	unit_id	1.50	401.99
	COF		-0.89	1.33	72	0.51	0.51	experiment_number	0.83	.
	Intensity level	1-High	-0.48	0.38	72	0.21	0.12	Residual	0.56	.
		2-Medium	0.39	0.45	72	0.38			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.42	0.12	72	<0.01	<0.01		.	.

**Table L5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.36	0.29	72	0.22	0.22		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 4	Intercept		1.66	1.27	6	0.24	.	unit_id	1.72	391.16
	COF		-1.07	1.49	72	0.48	0.48	room_id(unit_id)	0.12	.
	Job type	I1-Cut Outs	0.72	0.57	72	0.21	0.06	experiment_number	0.72	.
		I2-Replace Windows	0.68	0.67	72	0.32		Residual	0.56	.
		I3-Scrape Surface	0.37	0.77	72	0.63			.	.
		I4-Scrape Door	2.39	0.77	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.86	0.92	72	0.35			.	.
		I6-Heat gun over 1100 degrees	0.50	0.69	72	0.47			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.26	0.14	72	0.08	0.08		.	.
	Plastic	1-yes	-0.34	0.29	72	0.24	0.24		.	.
		2-no	0.00	.	.	.			.	.

**Table L6. Post-Cleaning Observation Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 29	Intercept		2.64	0.39	16	<0.01	.	room_id(unit_id)	1.02	363.29
	COF		-0.43	0.84	60	0.61	0.61	experiment_number	0.91	.
	Intensity level	1-High	0.16	0.39	60	0.69	<0.01	Residual	0.47	.
		2-Medium	1.86	0.43	60	<0.01			.	.
		3-Low	0.00	.	.	.		.	.	.
Objective 1: Model 30	Intercept		2.60	0.47	16	<0.01	.	room_id(unit_id)	0.95	348.98
	COF		-0.61	0.90	60	0.50	0.50	experiment_number	0.81	.
	Job type	I1-Cut Outs	0.40	0.55	60	0.47	<0.01	Residual	0.47	.
		I2-Replace Windows	-0.08	0.69	60	0.91			.	.
		I3-Scrape Surface	0.64	0.72	60	0.38			.	.
		I4-Scrape Door	2.88	0.60	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.75	1.02	60	0.09			.	.
		I6-Heat gun over 1100 degrees	0.56	0.64	60	0.39			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 31	Intercept		1.80	0.42	16	<0.01	.	room_id(unit_id)	0.55	356.79
	COF		-0.74	0.65	60	0.26	0.26	experiment_number	0.70	.
	Square feet disturbed		-0.01	0.01	60	0.23	0.23	Residual	0.47	.
	Avg. paint lead		0.24	0.05	60	<0.01	<0.01		.	.
	Intensity level	1-High	1.12	0.63	60	0.08	<0.01		.	.
		2-Medium	2.40	0.53	60	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 32	Intercept		2.13	0.89	6	0.05	.	unit_id	0.33	344.57
	COF		-0.80	0.87	59	0.36	0.36	room_id(unit_id)	0.31	.
	Square feet disturbed		0.00	0.01	59	0.80	0.80	experiment_number	0.63	.
	Avg. paint lead		0.22	0.05	59	<0.01	<0.01	Residual	0.47	.
	Job type	I1-Cut Outs	-0.09	0.77	59	0.91	<0.01		.	.
		I2-Replace Windows	-0.24	0.85	59	0.78			.	.
		I3-Scrape Surface	0.86	0.69	59	0.22			.	.
		I4-Scrape Door	2.62	0.62	59	<0.01			.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.20	0.88	59	0.18			.	.
		I6-Heat gun over 1100 degrees	0.65	0.63	59	0.31			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 33	Intercept		1.81	0.44	16	<0.01	.	room_id(unit_id)	0.59	343.09
	COF		-0.78	0.65	60	0.24	0.24	experiment_number	0.57	.
	Avg. paint lead		0.24	0.05	60	<0.01	<0.01	Residual	0.47	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.73	0.36	60	0.05	0.03		.	.
		Clean=1-rule; Plastic=2-no	0.30	0.35	60	0.40			.	.
		Clean=2-base; Plastic=1-yes	-0.45	0.35	60	0.21			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.49	0.33	60	0.14	<0.01		.	.
		2-Medium	2.10	0.36	60	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 34	Intercept		2.20	0.47	6	<0.01	.	unit_id	0.37	330.42
	COF		-0.76	0.85	60	0.37	0.37	room_id(unit_id)	0.22	.
	Avg. paint lead		0.23	0.05	60	<0.01	<0.01	experiment_number	0.51	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.77	0.34	60	0.03	0.03	Residual	0.47	.
		Clean=1-rule; Plastic=2-no	0.18	0.34	60	0.60			.	.
		Clean=2-base; Plastic=1-yes	-0.52	0.34	60	0.14			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.00	0.47	60	1.00	<0.01		.	.
		I2-Replace Windows	-0.03	0.55	60	0.96			.	.
		I3-Scrape Surface	0.99	0.60	60	0.11			.	.
		I4-Scrape Door	2.75	0.51	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.21	0.81	60	0.14			.	.
		I6-Heat gun over 1100 degrees	0.56	0.54	60	0.30			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 11	Intercept		3.64	0.40	10	<0.01	.	unit_id	0.84	376.68
	COF		-0.42	1.05	60	0.69	0.69	experiment_number	1.44	.



**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.68	0.36	60	0.06	0.06	Residual	0.47	.
		2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 12	Intercept		2.99	0.40	16	<0.01	.	room_id(unit_id)	0.98	358.07
	COF		-0.45	0.82	60	0.59	0.59	experiment_number	0.81	.
	Intensity level	1-High	0.17	0.38	60	0.66	<0.01	Residual	0.47	.
		2-Medium	1.96	0.41	60	<0.01	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
	Plastic	1-yes	-0.72	0.29	60	0.02	0.02	.	.	.
		2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 13	Intercept		2.77	0.47	16	<0.01	.	room_id(unit_id)	1.01	355.10
	COF		-0.44	0.83	60	0.60	0.60	experiment_number	0.83	.
	Intensity level	1-High	0.46	0.54	60	0.39	<0.01	Residual	0.47	.
		2-Medium	2.24	0.52	60	<0.01	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
	Plastic	1-yes	-0.28	0.55	60	0.62	0.03	.	.	.
		2-no	0.00	.	.	.	.	.	.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.58	0.73	60	0.43	0.63	.	.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Intensity=2-Medium; Plastic=1-yes	-0.63	0.71	60	0.38	.	.	.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 14	Intercept		2.99	0.51	6	<0.01	.	unit_id	1.02	343.38
	COF		-0.44	1.21	60	0.72	0.72	room_id(unit_id)	0.19	.
	Job type	I1-Cut Outs	0.38	0.54	60	0.49	<0.01	experiment_number	0.71	.
		I2-Replace Windows	0.17	0.63	60	0.79	.	Residual	0.47	.
		I3-Scrape Surface	0.79	0.71	60	0.27	.	.	.	.
		I4-Scrape Door	2.97	0.59	60	<0.01	.	.	.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.32	0.89	60	0.14			.	.
		I6-Heat gun over 1100 degrees	0.37	0.63	60	0.56			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.70	0.28	60	0.01	0.01		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 15	Intercept		2.76	0.66	6	<0.01	.	unit_id	1.19	326.59
	COF		-0.43	1.28	60	0.74	0.74	room_id(unit_id)	0.18	.
	Job type	I1-Cut Outs	0.28	0.73	60	0.70	<0.01	experiment_number	0.66	.
		I2-Replace Windows	0.48	0.85	60	0.58		Residual	0.47	.
		I3-Scrape Surface	0.89	0.85	60	0.30			.	.
		I4-Scrape Door	3.87	0.79	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.90	1.09	60	0.41			.	.
		I6-Heat gun over 1100 degrees	0.68	0.82	60	0.41			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.17	0.88	60	0.85	0.06		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.22	0.98	60	0.82	0.27		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.64	1.15	60	0.58			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.48	1.10	60	0.66			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.88	1.11	60	0.09			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=1-yes	0.74	1.29	60	0.57			.	.
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=1-yes	-0.77	1.04	60	0.46			.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=l7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=l7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 11	Intercept		3.25	0.41	10	<0.01	.	unit_id	0.94	380.19
	COF		-0.40	1.11	60	0.72	0.72	experiment_number	1.54	.
	Clean	1-rule	0.08	0.35	60	0.81	0.81	Residual	0.47	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 12	Intercept		2.56	0.42	16	<0.01	.	room_id(unit_id)	1.04	363.61
	COF		-0.42	0.84	60	0.62	0.62	experiment_number	0.93	.
	Intensity level	1-High	0.17	0.40	60	0.68	<0.01	Residual	0.47	.
		2-Medium	1.86	0.43	60	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.15	0.30	60	0.61	0.61		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 13	Intercept		2.40	0.47	16	<0.01	.	room_id(unit_id)	1.06	360.71
	COF		-0.43	0.85	60	0.62	0.62	experiment_number	0.95	.
	Intensity level	1-High	0.33	0.54	60	0.54	<0.01	Residual	0.47	.
		2-Medium	2.21	0.58	60	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.48	0.50	60	0.34	0.61		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.33	0.72	60	0.65	0.66		.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.65	0.71	60	0.36			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 14	Intercept		2.57	0.50	16	<0.01	.	room_id(unit_id)	0.95	349.61
	COF		-0.61	0.90	60	0.50	0.50	experiment_number	0.83	.
	Job type	I1-Cut Outs	0.40	0.55	60	0.48	<0.01	Residual	0.47	.
		I2-Replace Windows	-0.07	0.70	60	0.92			.	.
		I3-Scrape Surface	0.66	0.73	60	0.37			.	.
		I4-Scrape Door	2.87	0.61	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.75	1.03	60	0.09			.	.
		I6-Heat gun over 1100 degrees	0.57	0.64	60	0.38			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.06	0.29	60	0.84	0.84		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 15	Intercept		2.59	0.68	16	<0.01	.	room_id(unit_id)	1.03	335.86
	COF		-0.62	0.93	60	0.51	0.51	experiment_number	0.87	.
	Job type	I1-Cut Outs	0.47	0.80	60	0.56	<0.01	Residual	0.47	.
		I2-Replace Windows	-0.68	0.94	60	0.47			.	.
		I3-Scrape Surface	1.02	1.01	60	0.32			.	.
		I4-Scrape Door	2.73	0.83	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.75	1.26	60	0.17			.	.
		I6-Heat gun over 1100 degrees	0.54	0.86	60	0.54			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.01	0.92	60	1.00	0.76		.	.
		2-base	0.00	.	.	.			.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.14	1.11	60	0.90	0.71		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.24	1.21	60	0.31			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.78	1.19	60	0.52			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.30	1.20	60	0.81			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	0.03	1.40	60	0.98			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.07	1.13	60	0.95			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 5	Intercept		0.35	0.94	10	0.71	.	unit_id	0.65	351.42
	COF		-0.10	0.92	59	0.92	0.92	experiment_number	0.81	.
	Intensity level	1-High	-0.32	0.37	59	0.38	0.04	Residual	0.47	.
		2-Medium	0.75	0.43	59	0.08			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.37	0.11	59	<0.01	<0.01		.	.

**Table L6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.74	0.28	59	0.01	0.01		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 6	Intercept		0.32	1.16	10	0.79	.	unit_id	0.85	340.24
	COF		-0.02	1.08	59	0.99	0.99	experiment_number	0.71	.
	Job type	I1-Cut Outs	0.63	0.53	59	0.24	0.02	Residual	0.47	.
		I2-Replace Windows	-0.12	0.60	59	0.85			.	.
		I3-Scrape Surface	0.55	0.68	59	0.42			.	.
		I4-Scrape Door	1.91	0.71	59	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.52	0.82	59	0.53			.	.
		I6-Heat gun over 1100 degrees	-0.05	0.63	59	0.93			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.33	0.13	59	0.02	0.02		.	.
	Plastic	1-yes	-0.71	0.27	59	0.01	0.01		.	.
		2-no	0.00	.	.	.			.	.

**Table L7. Post-verification Work Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 35	Intercept		2.91	0.42	6	<0.01	.	unit_id	0.48	640.61
	COF		-1.56	1.11	180	0.16	0.16	room_id(unit_id)	1.13	.
	Intensity level	1-High	0.64	0.30	180	0.04	<0.01	experiment_number	0.48	.
		2-Medium	1.64	0.33	180	<0.01		Residual	0.49	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 36	Intercept		2.84	0.37	16	<0.01	.	room_id(unit_id)	0.48	627.76
	COF		-2.25	0.67	180	<0.01	<0.01	experiment_number	0.60	.
	Job type	I1-Cut Outs	0.17	0.45	180	0.71	<0.01	Residual	0.49	.
		I2-Replace Windows	0.77	0.55	180	0.16			.	.
		I3-Scrape Surface	0.77	0.58	180	0.18			.	.
		I4-Scrape Door	2.12	0.49	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.53	0.82	180	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.87	0.51	180	<0.01			.	.
I7-Kitchen		0.00	.	.	.			.	.	
Objective 1: Model 37	Intercept		2.21	0.41	16	<0.01	.	room_id(unit_id)	1.09	639.80
	COF		-1.91	0.82	179	0.02	0.02	experiment_number	0.40	.
	Square feet disturbed		0.01	0.01	179	0.53	0.53	Residual	0.49	.
	Avg. paint lead		0.17	0.05	179	<0.01	<0.01		.	.
	Intensity level	1-High	0.59	0.53	179	0.26	<0.01		.	.
		2-Medium	1.52	0.41	179	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 38	Intercept		2.33	0.71	16	<0.01	.	room_id(unit_id)	0.24	623.75
	COF		-2.34	0.52	179	<0.01	<0.01	experiment_number	0.48	.
	Square feet disturbed		0.00	0.01	179	0.91	0.91	Residual	0.49	.
	Avg. paint lead		0.18	0.04	179	<0.01	<0.01		.	.
	Job type	I1-Cut Outs	-0.19	0.63	179	0.76	<0.01		.	.
		I2-Replace Windows	0.60	0.69	179	0.38			.	.
		I3-Scrape Surface	0.88	0.55	179	0.11			.	.
I4-Scrape Door		1.90	0.50	179	<0.01			.	.	

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	2.09	0.73	179	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.85	0.48	179	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 39	Intercept		2.66	0.41	16	<0.01	.	room_id(unit_id)	1.11	629.28
	COF		-1.93	0.82	180	0.02	0.02	experiment_number	0.35	.
	Avg. paint lead		0.18	0.04	180	<0.01	<0.01	Residual	0.49	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.70	0.29	180	0.02	0.10		.	.
		Clean=1-rule; Plastic=2-no	-0.47	0.28	180	0.10			.	.
		Clean=2-base; Plastic=1-yes	-0.41	0.28	180	0.14			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.88	0.27	180	<0.01	<0.01		.	.
		2-Medium	1.74	0.30	180	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 40	Intercept		2.64	0.38	16	<0.01	.	room_id(unit_id)	0.28	614.31
	COF		-2.32	0.54	180	<0.01	<0.01	experiment_number	0.42	.
	Avg. paint lead		0.19	0.04	180	<0.01	<0.01	Residual	0.49	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.65	0.29	180	0.03	0.17		.	.
		Clean=1-rule; Plastic=2-no	-0.43	0.29	180	0.14			.	.
		Clean=2-base; Plastic=1-yes	-0.37	0.29	180	0.20			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.14	0.39	180	0.72	<0.01		.	.
		I2-Replace Windows	0.58	0.46	180	0.21			.	.
		I3-Scrape Surface	0.85	0.49	180	0.08			.	.
		I4-Scrape Door	1.95	0.42	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.01	0.71	180	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.74	0.43	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.



**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 2: Model 16	Intercept		3.70	0.41	6	<0.01	.	unit_id	0.78	658.90	
	COF		-1.49	1.13	180	0.19	0.19	room_id(unit_id)	0.54	.	
	Plastic	1-yes		-0.19	0.28	180	0.51	0.51	experiment_number	0.86	.
		2-no		0.00	.	.	.	Residual	0.49	.	
Objective 2: Model 17	Intercept		3.05	0.44	6	<0.01	.	unit_id	0.52	639.91	
	COF		-1.56	1.13	180	0.17	0.17	room_id(unit_id)	1.12	.	
	Intensity level	1-High		0.65	0.30	180	0.03	<0.01	experiment_number	0.47	.
		2-Medium		1.70	0.33	180	<0.01		Residual	0.49	.
		3-Low		0.00	.	.	.		.	.	.
	Plastic	1-yes		-0.31	0.23	180	0.18	0.18		.	.
		2-no		0.00	.	.	.		.	.	.
Objective 2: Model 18	Intercept		2.99	0.48	6	<0.01	.	unit_id	0.50	637.37	
	COF		-1.57	1.14	180	0.17	0.17	room_id(unit_id)	1.19	.	
	Intensity level	1-High		0.92	0.42	180	0.03	<0.01	experiment_number	0.47	.
		2-Medium		1.66	0.40	180	<0.01		Residual	0.49	.
		3-Low		0.00	.	.	.		.	.	.
	Plastic	1-yes		-0.23	0.43	180	0.60	0.16		.	.
		2-no		0.00	.	.	.		.	.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes		-0.49	0.57	180	0.40	0.47		.	.
		Intensity=1-High; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes		0.17	0.55	180	0.76			.	.
		Intensity=2-Medium; Plastic=2-no		0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes		0.00	.	.	.			.	.
	Intensity=3-Low; Plastic=2-no		0.00	.	.	.			.	.	
Objective 2: Model 19	Intercept		2.96	0.39	16	<0.01	.	room_id(unit_id)	0.46	627.51	
	COF		-2.24	0.66	180	<0.01	<0.01	experiment_number	0.60	.	
	Job type	I1-Cut Outs		0.16	0.45	180	0.73	<0.01	Residual	0.49	.
		I2-Replace Windows		0.79	0.55	180	0.15		.	.	.

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I3-Scrape Surface	0.82	0.57	180	0.16			.	.
		I4-Scrape Door	2.14	0.49	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.53	0.82	180	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.89	0.51	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.27	0.24	180	0.26	0.26		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 20	Intercept		3.01	0.53	16	<0.01	.	room_id(unit_id)	0.48	616.96
	COF		-2.24	0.68	180	<0.01	<0.01	experiment_number	0.66	.
	Job type	I1-Cut Outs	0.04	0.64	180	0.95	<0.01	Residual	0.49	.
		I2-Replace Windows	0.76	0.80	180	0.34			.	.
		I3-Scrape Surface	0.43	0.74	180	0.56			.	.
		I4-Scrape Door	2.31	0.70	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.31	1.03	180	0.03			.	.
		I6-Heat gun over 1100 degrees	2.05	0.70	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.37	0.74	180	0.62	0.39		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.25	0.87	180	0.78	0.89		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.10	1.12	180	0.93			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	0.75	0.97	180	0.44			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-0.32	0.99	180	0.74			.	.

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=l4-Scrape Door; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=1-yes	0.45	1.16	180	0.70	.	.	.	.
		Job_Type=l5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=1-yes	-0.28	0.92	180	0.76	.	.	.	.
		Job_Type=l6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Job_Type=l7-Kitchen; Plastic=1-yes	0.00	.	.	.	.	.	.	.
		Job_Type=l7-Kitchen; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective 3: Model 16	Intercept		3.74	0.41	6	<0.01	.	unit_id	0.90	658.18
	COF		-1.48	1.17	180	0.21	0.21	room_id(unit_id)	0.49	.
	Clean	1-rule	-0.31	0.27	180	0.26	0.26	experiment_number	0.84	.
		2-base	0.00	.	.	.	.	Residual	0.49	.
Objective 3: Model 17	Intercept		3.04	0.45	6	<0.01	.	unit_id	0.64	640.23
	COF		-1.54	1.16	180	0.19	0.19	room_id(unit_id)	1.03	.
	Intensity level	1-High	0.62	0.30	180	0.04	<0.01	experiment_number	0.48	.
		2-Medium	1.63	0.33	180	<0.01	.	Residual	0.49	.
		3-Low	0.00	.	.	.	.	.	.	.
	Clean	1-rule	-0.28	0.22	180	0.20	0.20	.	.	.
		2-base	0.00	.	.	.	.	.	.	.
Objective 3: Model 18	Intercept		3.02	0.48	6	<0.01	.	unit_id	0.70	639.25
	COF		-1.54	1.18	180	0.20	0.20	room_id(unit_id)	0.99	.
	Intensity level	1-High	0.70	0.41	180	0.09	<0.01	experiment_number	0.50	.
		2-Medium	1.61	0.43	180	<0.01	.	Residual	0.49	.
		3-Low	0.00	.	.	.	.	.	.	.
	Clean	1-rule	-0.24	0.37	180	0.52	0.20	.	.	.
		2-base	0.00	.	.	.	.	.	.	.

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.18	0.54	180	0.73	0.92		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.02	0.52	180	0.97			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 19	Intercept		2.99	0.40	16	<0.01	.	room_id(unit_id)	0.50	627.49
	COF		-2.25	0.68	180	<0.01	<0.01	experiment_number	0.59	.
	Job type	I1-Cut Outs	0.18	0.45	180	0.69	<0.01	Residual	0.49	.
		I2-Replace Windows	0.74	0.55	180	0.18			.	.
		I3-Scrape Surface	0.72	0.58	180	0.21			.	.
		I4-Scrape Door	2.14	0.49	180	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.50	0.82	180	<0.01			.	.
		I6-Heat gun over 1100 degrees	1.84	0.51	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.27	0.23	180	0.25	0.25		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 20	Intercept		2.80	0.51	16	<0.01	.	room_id(unit_id)	0.46	612.70
	COF		-2.25	0.66	180	<0.01	<0.01	experiment_number	0.57	.
	Job type	I1-Cut Outs	0.44	0.62	180	0.48	<0.01	Residual	0.49	.
		I2-Replace Windows	0.83	0.71	180	0.25			.	.
		I3-Scrape Surface	1.18	0.76	180	0.12			.	.
		I4-Scrape Door	1.50	0.65	180	0.02			.	.
		I5-Heat gun under 1100 degrees	2.92	0.97	180	<0.01			.	.
		I6-Heat gun over 1100 degrees	2.25	0.66	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	-0.02	0.71	180	0.98	0.39		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.54	0.86	180	0.53	0.27		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.12	0.93	180	0.90			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.85	0.92	180	0.36			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.19	0.93	180	0.20			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.64	1.09	180	0.56			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.58	0.87	180	0.51			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 7	Intercept		0.01	0.85	10	0.99	.	unit_id	0.86	632.88
	COF		-1.03	1.02	180	0.31	0.31	experiment_number	0.56	.
	Intensity level	1-High	0.09	0.30	180	0.78	0.59	Residual	0.49	.
		2-Medium	0.36	0.36	180	0.32			.	.

**Table L7. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.42	0.09	180	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.58	0.32	180	0.07	0.35		.	.
		Clean=1-rule; Plastic=2-no	-0.27	0.32	180	0.41			.	.
		Clean=2-base; Plastic=1-yes	-0.25	0.33	180	0.45			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 8	Intercept		-0.01	1.02	48	0.99	.	experiment_number	0.75	623.87
	COF		-1.87	0.42	180	<0.01	<0.01	Residual	0.49	.
	Job type	I1-Cut Outs	0.52	0.46	180	0.26	0.01		.	.
		I2-Replace Windows	0.84	0.49	180	0.09			.	.
		I3-Scrape Surface	0.46	0.47	180	0.33			.	.
		I4-Scrape Door	1.30	0.57	180	0.02			.	.
		I5-Heat gun under 1100 degrees	1.85	0.73	180	0.01			.	.
		I6-Heat gun over 1100 degrees	1.90	0.50	180	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.37	0.12	180	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.53	0.34	180	0.12	0.48		.	.
		Clean=1-rule; Plastic=2-no	-0.21	0.34	180	0.55			.	.
		Clean=2-base; Plastic=1-yes	-0.27	0.34	180	0.43			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table L8. Post-verification Tool Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 41	Intercept		4.08	0.54	6	<0.01	.	unit_id	1.40	452.60
	COF		-1.11	1.36	72	0.42	0.42	room_id(unit_id)	0.22	.
	Intensity level	1-High	-0.30	0.46	72	0.52	0.03	experiment_number	1.22	.
		2-Medium	0.95	0.48	72	0.05		Residual	0.86	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 42	Intercept		3.00	0.53	16	<0.01	.	room_id(unit_id)	0.89	436.78
	COF		-1.79	0.92	72	0.06	0.06	experiment_number	1.09	.
	Job type	I1-Cut Outs	1.48	0.65	72	0.02	<0.01	Residual	0.85	.
		I2-Replace Windows	0.74	0.78	72	0.35			.	.
		I3-Scrape Surface	1.21	0.82	72	0.14			.	.
		I4-Scrape Door	2.74	0.70	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.46	1.14	72	0.04			.	.
		I6-Heat gun over 1100 degrees	1.96	0.72	72	<0.01			.	.
I7-Kitchen		0.00	.	.	.			.	.	
Objective 1: Model 43	Intercept		3.42	0.56	16	<0.01	.	room_id(unit_id)	0.96	461.15
	COF		-1.28	0.85	72	0.14	0.14	experiment_number	1.28	.
	Square feet disturbed		0.00	0.01	72	0.90	0.90	Residual	0.85	.
	Avg. paint lead		0.12	0.07	72	0.10	0.10		.	.
	Intensity level	1-High	-0.01	0.85	72	0.99	0.06		.	.
		2-Medium	1.07	0.71	72	0.14			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 44	Intercept		2.72	1.16	16	0.03	.	room_id(unit_id)	0.72	444.46
	COF		-1.82	0.87	72	0.04	0.04	experiment_number	1.15	.
	Square feet disturbed		0.00	0.02	72	0.98	0.98	Residual	0.85	.
	Avg. paint lead		0.10	0.07	72	0.16	0.16		.	.
	Job type	I1-Cut Outs	1.25	1.03	72	0.23	0.02		.	.
		I2-Replace Windows	0.64	1.12	72	0.57			.	.
I3-Scrape Surface		1.26	0.90	72	0.16			.	.	
	I4-Scrape Door	2.61	0.82	72	<0.01			.	.	

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	2.22	1.16	72	0.06			.	.
		I6-Heat gun over 1100 degrees	1.93	0.79	72	0.02			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 45	Intercept		3.29	0.59	16	<0.01	.	room_id(unit_id)	0.95	447.29
	COF		-1.29	0.84	72	0.13	0.13	experiment_number	1.12	.
	Avg. paint lead		0.11	0.07	72	0.10	0.10	Residual	0.85	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.29	0.49	72	0.56	0.09		.	.
		Clean=1-rule; Plastic=2-no	0.90	0.48	72	0.07			.	.
		Clean=2-base; Plastic=1-yes	-0.06	0.48	72	0.90			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.12	0.45	72	0.80	0.02		.	.
		2-Medium	1.28	0.49	72	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 46	Intercept		2.57	0.61	16	<0.01	.	room_id(unit_id)	0.67	431.67
	COF		-1.84	0.84	72	0.03	0.03	experiment_number	1.02	.
	Avg. paint lead		0.10	0.07	72	0.15	0.15	Residual	0.85	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.30	0.47	72	0.53	0.10		.	.
		Clean=1-rule; Plastic=2-no	0.82	0.47	72	0.08			.	.
		Clean=2-base; Plastic=1-yes	-0.10	0.47	72	0.83			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	1.19	0.64	72	0.07	<0.01		.	.
		I2-Replace Windows	0.69	0.74	72	0.36			.	.
		I3-Scrape Surface	1.46	0.78	72	0.07			.	.
		I4-Scrape Door	2.62	0.68	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.38	1.11	72	0.04			.	.
		I6-Heat gun over 1100 degrees	1.95	0.69	72	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 21	Intercept		4.50	0.44	6	<0.01	.	unit_id	0.91	457.76
	COF		-1.05	1.16	72	0.37	0.37	room_id(unit_id)	0.25	.



**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.54	0.38	72	0.16	0.16	experiment_number	1.43	.
		2-no	0.00	.	.	.		Residual	0.85	.
Objective 2: Model 22	Intercept		4.35	0.55	6	<0.01	.	unit_id	1.27	449.98
	COF		-1.12	1.31	72	0.39	0.39	room_id(unit_id)	0.25	.
	Intensity level	1-High	-0.27	0.46	72	0.56	0.02	experiment_number	1.17	.
		2-Medium	1.03	0.47	72	0.03		Residual	0.85	.
		3-Low	0.00	.	.	.		.	.	.
	Plastic	1-yes	-0.60	0.35	72	0.09	0.09	.	.	.
		2-no	0.00	.	.	.		.	.	.
Objective 2: Model 23	Intercept		4.51	0.61	6	<0.01	.	unit_id	1.30	445.69
	COF		-1.12	1.32	72	0.40	0.40	room_id(unit_id)	0.28	.
	Intensity level	1-High	-0.74	0.63	72	0.24	0.02	experiment_number	1.18	.
		2-Medium	1.02	0.61	72	0.10		Residual	0.85	.
		3-Low	0.00	.	.	.		.	.	.
	Plastic	1-yes	-0.91	0.64	72	0.16	0.10	.	.	.
		2-no	0.00	.	.	.		.	.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.93	0.86	72	0.28	0.46	.	.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.		.	.	.
		Intensity=2-Medium; Plastic=1-yes	0.02	0.85	72	0.98		.	.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.		.	.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.		.	.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.		.	.	.
Objective 2: Model 24	Intercept		3.28	0.55	16	<0.01	.	room_id(unit_id)	0.80	434.15
	COF		-1.77	0.89	72	0.05	0.05	experiment_number	1.06	.
	Job type	I1-Cut Outs	1.44	0.64	72	0.03	<0.01	Residual	0.85	.
		I2-Replace Windows	0.77	0.76	72	0.31		.	.	
		I3-Scrape Surface	1.29	0.80	72	0.11		.	.	
		I4-Scrape Door	2.79	0.69	72	<0.01		.	.	

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	2.46	1.12	72	0.03			.	.
		I6-Heat gun over 1100 degrees	1.97	0.71	72	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.59	0.34	72	0.09	0.09		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 25	Intercept		2.90	0.73	16	<0.01	.	room_id(unit_id)	0.80	417.34
	COF		-1.76	0.89	72	0.05	0.05	experiment_number	1.12	.
	Job type	I1-Cut Outs	2.11	0.89	72	0.02	<0.01	Residual	0.85	.
		I2-Replace Windows	1.11	1.09	72	0.31			.	.
		I3-Scrape Surface	1.45	1.02	72	0.16			.	.
		I4-Scrape Door	3.86	0.97	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.53	1.38	72	0.07			.	.
		I6-Heat gun over 1100 degrees	2.12	0.96	72	0.03			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.16	1.02	72	0.88	0.16		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-1.34	1.20	72	0.27	0.59		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.52	1.53	72	0.74			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.35	1.35	72	0.80			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.16	1.37	72	0.12			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	-0.12	1.56	72	0.94			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.25	1.26	72	0.84			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 21	Intercept		4.02	0.45	6	<0.01	.	unit_id	0.99	458.71
	COF		-1.04	1.20	72	0.39	0.39	room_id(unit_id)	0.30	.
	Clean	1-rule	0.39	0.36	72	0.29	0.29	experiment_number	1.43	.
		2-base	0.00	.	.	.		Residual	0.85	.
Objective 3: Model 22	Intercept		3.87	0.56	6	<0.01	.	unit_id	1.30	451.71
	COF		-1.11	1.33	72	0.41	0.41	room_id(unit_id)	0.30	.
	Intensity level	1-High	-0.28	0.46	72	0.55	0.03	experiment_number	1.21	.
		2-Medium	0.96	0.48	72	0.05		Residual	0.85	.
		3-Low	0.00	.	.	.		.	.	.
	Clean	1-rule	0.38	0.34	72	0.27	0.27	.	.	.
		2-base	0.00	.	.	.		.	.	.
Objective 3: Model 23	Intercept		3.56	0.61	6	<0.01	.	unit_id	1.43	447.10
	COF		-1.11	1.37	72	0.42	0.42	room_id(unit_id)	0.21	.
	Intensity level	1-High	0.20	0.63	72	0.75	0.03	experiment_number	1.22	.
		2-Medium	1.48	0.64	72	0.02		Residual	0.85	.
		3-Low	0.00	.	.	.		.	.	.
	Clean	1-rule	1.02	0.58	72	0.08	0.31	.	.	.
		2-base	0.00	.	.	.		.	.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-1.00	0.84	72	0.24	0.38	.	.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.		.	.	.

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=2-Medium; Clean=1-rule	-1.01	0.82	72	0.22			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 24	Intercept		2.81	0.56	16	<0.01	.	room_id(unit_id)	0.92	435.95
	COF		-1.78	0.93	72	0.06	0.06	experiment_number	1.08	.
	Job type	I1-Cut Outs	1.47	0.64	72	0.03	0.01	Residual	0.85	.
		I2-Replace Windows	0.74	0.78	72	0.35			.	.
		I3-Scrape Surface	1.28	0.82	72	0.12			.	.
		I4-Scrape Door	2.71	0.70	72	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.47	1.14	72	0.03			.	.
		I6-Heat gun over 1100 degrees	1.97	0.73	72	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.37	0.33	72	0.28	0.28		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 25	Intercept		2.76	0.76	16	<0.01	.	room_id(unit_id)	0.89	420.31
	COF		-1.76	0.93	72	0.06	0.06	experiment_number	1.18	.
	Job type	I1-Cut Outs	1.06	0.92	72	0.26	0.02	Residual	0.85	.
		I2-Replace Windows	0.67	1.06	72	0.53			.	.
		I3-Scrape Surface	1.88	1.13	72	0.10			.	.
		I4-Scrape Door	2.36	0.98	72	0.02			.	.
		I5-Heat gun under 1100 degrees	2.82	1.42	72	0.05			.	.
		I6-Heat gun over 1100 degrees	2.26	0.98	72	0.02			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.38	1.05	72	0.72	0.38		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.75	1.28	72	0.56	0.71		.	.

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.31	1.40	72	0.83			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-1.07	1.38	72	0.44			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.65	1.39	72	0.64			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.63	1.60	72	0.70			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.46	1.29	72	0.72			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2- base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 9	Intercept		2.09	1.18	10	0.11	.	unit_id	0.89	448.73
	COF		-0.82	1.09	72	0.45	0.45	experiment_number	1.27	.
	Intensity level	1-High	-0.45	0.46	72	0.33	0.27	Residual	0.85	.
		2-Medium	0.34	0.53	72	0.52			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.29	0.14	72	0.04	0.04		.	.
	Plastic	1-yes	-0.59	0.36	72	0.10	0.10		.	.
		2-no	0.00	.	.	.			.	.

**Table L8. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective Y: Model 10	Intercept		1.85	1.47	16	0.23	.	room_id(unit_id)	0.58	434.99	
	COF		-1.54	0.85	72	0.07	0.07	experiment_number	1.15	.	
	Job type	I1-Cut Outs	1.53	0.66	72	0.02	0.10	Residual	0.85	.	
		I2-Replace Windows	0.68	0.77	72	0.37			.	.	
		I3-Scrape Surface	1.10	0.80	72	0.17			.	.	
		I4-Scrape Door	2.25	0.87	72	0.01			.	.	
		I5-Heat gun under 1100 degrees	2.09	1.19	72	0.08			.	.	
		I6-Heat gun over 1100 degrees	1.80	0.75	72	0.02			.	.	
		I7-Kitchen	0.00	.	.	.			.	.	
		Avg. PostWork Work Floor Lead		0.18	0.17	72	0.31	0.31		.	.
		Plastic	1-yes	-0.60	0.34	72	0.09	0.09		.	.
			2-no	0.00	.	.	.			.	.

**Table L9. Post-verification Observation Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 47	Intercept		2.64	0.47	6	<0.01	.	unit_id	1.15	346.84	
	COF		-0.25	1.23	60	0.84	0.84	room_id(unit_id)	0.25	.	
	Intensity level	1-High		-0.07	0.37	60	0.86	<0.01	experiment_number	0.81	.
		2-Medium		1.75	0.39	60	<0.01		Residual	0.40	.
	3-Low		0.00	.	.	.			.	.	
Objective 1: Model 48	Intercept		2.06	0.46	10	<0.01	.	unit_id	1.02	325.72	
	COF		-0.30	1.15	60	0.80	0.80	experiment_number	0.64	.	
	Job type	l1-Cut Outs		0.87	0.50	60	0.09	<0.01	Residual	0.40	.
		l2-Replace Windows		1.01	0.55	60	0.07			.	.
		l3-Scrape Surface		1.22	0.65	60	0.06			.	.
		l4-Scrape Door		3.54	0.55	60	<0.01			.	.
		l5-Heat gun under 1100 degrees		1.47	0.75	60	0.05			.	.
		l6-Heat gun over 1100 degrees		1.24	0.58	60	0.04			.	.
l7-Kitchen			0.00	.	.	.			.	.	
Objective 1: Model 49	Intercept		1.71	0.43	16	<0.01	.	room_id(unit_id)	0.65	348.50	
	COF		-0.61	0.69	60	0.38	0.38	experiment_number	0.73	.	
	Square feet disturbed		0.01	0.01	60	0.56	0.56	Residual	0.40	.	
	Avg. paint lead		0.19	0.06	60	<0.01	<0.01		.	.	
	Intensity level	1-High		0.03	0.64	60	0.96	<0.01		.	.
		2-Medium		1.81	0.53	60	<0.01			.	.
		3-Low		0.00	.	.	.			.	.
Objective 1: Model 50	Intercept		0.35	0.80	6	0.68	.	unit_id	0.45	323.02	
	COF		-0.60	0.85	59	0.48	0.48	room_id(unit_id)	0.11	.	
	Square feet disturbed		0.02	0.01	59	0.10	0.10	experiment_number	0.49	.	
	Avg. paint lead		0.17	0.05	59	<0.01	<0.01	Residual	0.40	.	
	Job type	l1-Cut Outs		1.48	0.69	59	0.04	<0.01		.	.
		l2-Replace Windows		1.74	0.74	59	0.02			.	.
l3-Scrape Surface			0.99	0.62	59	0.11			.	.	

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	3.88	0.55	59	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.71	0.74	59	0.02			.	.
		I6-Heat gun over 1100 degrees	1.08	0.57	59	0.06			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 51	Intercept		1.69	0.46	16	<0.01	.	room_id(unit_id)	0.64	338.95
	COF		-0.61	0.68	60	0.37	0.37	experiment_number	0.71	.
	Avg. paint lead		0.19	0.05	60	<0.01	<0.01	Residual	0.40	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.23	0.38	60	0.55	0.31		.	.
		Clean=1-rule; Plastic=2-no	0.49	0.37	60	0.20			.	.
		Clean=2-base; Plastic=1-yes	0.09	0.37	60	0.82			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.38	0.35	60	0.29	<0.01		.	.
		2-Medium	2.12	0.38	60	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 52	Intercept		1.41	0.45	10	0.01	.	unit_id	0.45	317.38
	COF		-0.58	0.82	60	0.48	0.48	experiment_number	0.55	.
	Avg. paint lead		0.18	0.05	60	<0.01	<0.01	Residual	0.40	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.23	0.33	60	0.50	0.39		.	.
		Clean=1-rule; Plastic=2-no	0.35	0.33	60	0.30			.	.
		Clean=2-base; Plastic=1-yes	-0.02	0.34	60	0.96			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.58	0.46	60	0.22	<0.01		.	.
		I2-Replace Windows	0.95	0.50	60	0.06			.	.
		I3-Scrape Surface	1.58	0.57	60	<0.01			.	.
		I4-Scrape Door	3.44	0.50	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.46	0.69	60	0.04			.	.
		I6-Heat gun over 1100 degrees	1.52	0.52	60	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 26	Intercept		3.24	0.44	10	<0.01	.	unit_id	1.20	366.51



**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	COF		-0.20	1.22	60	0.87	0.87	experiment_number	1.39	.
	Plastic	1-yes	-0.19	0.35	60	0.59	0.59	Residual	0.40	.
		2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 27	Intercept		2.79	0.49	6	<0.01	.	unit_id	1.15	346.37
	COF		-0.26	1.23	60	0.83	0.83	room_id(unit_id)	0.25	.
	Intensity level	1-High	-0.06	0.37	60	0.87	<0.01	experiment_number	0.81	.
		2-Medium	1.79	0.39	60	<0.01	Residual	0.40	.	
		3-Low	0.00	.	.	.	.	.	.	.
	Plastic	1-yes	-0.31	0.29	60	0.29	0.29	.	.	.
		2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 28	Intercept		2.77	0.54	6	<0.01	.	unit_id	1.15	344.41
	COF		-0.26	1.24	60	0.83	0.83	room_id(unit_id)	0.25	.
	Intensity level	1-High	-0.06	0.52	60	0.91	<0.01	experiment_number	0.85	.
		2-Medium	1.83	0.50	60	<0.01	Residual	0.40	.	
		3-Low	0.00	.	.	.	.	.	.	.
	Plastic	1-yes	-0.27	0.54	60	0.62	0.32	.	.	.
		2-no	0.00	.	.	.	.	.	.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	0.00	0.71	60	1.00	0.99	.	.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Intensity=2-Medium; Plastic=1-yes	-0.10	0.70	60	0.89	.	.	.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.	.	.	.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.	.	.	.	.
Objective 2: Model 29	Intercept		2.18	0.47	10	<0.01	.	unit_id	0.98	325.55
	COF		-0.29	1.13	60	0.80	0.80	experiment_number	0.65	.
	Job type	I1-Cut Outs	0.85	0.50	60	0.09	<0.01	Residual	0.40	.
		I2-Replace Windows	1.02	0.55	60	0.07	.	.	.	.
		I3-Scrape Surface	1.31	0.65	60	0.05	.	.	.	.
		I4-Scrape Door	3.55	0.55	60	<0.01	.	.	.	.

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	1.47	0.75	60	0.05			.	.
		I6-Heat gun over 1100 degrees	1.25	0.58	60	0.04			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.26	0.26	60	0.32	0.32		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 30	Intercept		1.80	0.60	10	0.01	.	unit_id	1.19	306.30
	COF		-0.26	1.22	60	0.83	0.83	experiment_number	0.52	.
	Job type	I1-Cut Outs	1.13	0.65	60	0.09	<0.01	Residual	0.40	.
		I2-Replace Windows	1.34	0.71	60	0.06			.	.
		I3-Scrape Surface	1.35	0.76	60	0.08			.	.
		I4-Scrape Door	4.72	0.71	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.00	0.91	60	0.28			.	.
		I6-Heat gun over 1100 degrees	1.64	0.73	60	0.03			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.58	0.79	60	0.46	0.85		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.58	0.88	60	0.52	0.07		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.76	0.96	60	0.43			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.44	0.99	60	0.66			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.41	0.99	60	0.02			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.79	1.16	60	0.50			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.05	0.93	60	0.26			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 26	Intercept		3.07	0.44	10	<0.01	.	unit_id	1.24	366.67
	COF		-0.19	1.24	60	0.88	0.88	experiment_number	1.38	.
	Clean	1-rule	0.15	0.34	60	0.65	0.65	Residual	0.40	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 27	Intercept		2.56	0.49	6	<0.01	.	unit_id	1.11	347.26
	COF		-0.25	1.22	60	0.84	0.84	room_id(unit_id)	0.28	.
	Intensity level	1-High	-0.05	0.37	60	0.89	<0.01	experiment_number	0.82	.
		2-Medium	1.77	0.39	60	<0.01		Residual	0.40	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.16	0.28	60	0.58	0.58		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 28	Intercept		2.36	0.53	6	<0.01	.	unit_id	1.11	344.40
	COF		-0.26	1.23	60	0.83	0.83	room_id(unit_id)	0.29	.
	Intensity level	1-High	0.19	0.51	60	0.71	<0.01	experiment_number	0.84	.
		2-Medium	2.13	0.53	60	<0.01		Residual	0.40	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.53	0.46	60	0.26	0.60		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.47	0.68	60	0.49	0.59		.	.

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.66	0.66	60	0.32			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 29	Intercept		2.02	0.48	10	<0.01	.	unit_id	1.01	326.61
	COF		-0.30	1.14	60	0.79	0.79	experiment_number	0.67	.
	Job type	I1-Cut Outs	0.87	0.51	60	0.09	<0.01	Residual	0.40	.
		I2-Replace Windows	1.02	0.56	60	0.07			.	.
		I3-Scrape Surface	1.24	0.65	60	0.06			.	.
		I4-Scrape Door	3.54	0.55	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.48	0.76	60	0.05			.	.
		I6-Heat gun over 1100 degrees	1.26	0.59	60	0.04			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.05	0.25	60	0.84	0.84		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 30	Intercept		1.97	0.63	10	0.01	.	unit_id	0.97	313.60
	COF		-0.33	1.13	60	0.77	0.77	experiment_number	0.70	.
	Job type	I1-Cut Outs	0.72	0.72	60	0.32	<0.01	Residual	0.40	.
		I2-Replace Windows	0.92	0.81	60	0.26			.	.
		I3-Scrape Surface	1.46	0.90	60	0.11			.	.
		I4-Scrape Door	3.23	0.75	60	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.28	1.00	60	0.03			.	.
		I6-Heat gun over 1100 degrees	1.56	0.79	60	0.05			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	0.11	0.84	60	0.90	0.92		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.32	1.01	60	0.75	0.63		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	0.36	1.08	60	0.74			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.29	1.08	60	0.79			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.57	1.07	60	0.60			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-1.49	1.27	60	0.25			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.40	1.01	60	0.69			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 11	Intercept		0.41	0.95	10	0.68	.	unit_id	0.83	342.31
	COF		0.05	1.02	59	0.96	0.96	experiment_number	0.83	.
	Intensity level	1-High	-0.39	0.37	59	0.29	0.02	Residual	0.40	.
		2-Medium	0.82	0.43	59	0.06			.	.
		3-Low	0.00	.	.	.			.	.

**Table L9. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Avg. PostWork Work Floor Lead		0.32	0.11	59	<0.01	<0.01		.	.
	Plastic	1-yes	-0.27	0.28	59	0.34	0.34		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 12	Intercept		0.82	1.11	10	0.48	.	unit_id	0.75	326.29
	COF		-0.15	1.02	59	0.88	0.88	experiment_number	0.67	.
	Job type	I1-Cut Outs	0.99	0.51	59	0.06	<0.01	Residual	0.40	.
		I2-Replace Windows	0.83	0.58	59	0.15			.	.
		I3-Scrape Surface	1.22	0.65	59	0.06			.	.
		I4-Scrape Door	3.03	0.68	59	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.25	0.78	59	0.11			.	.
		I6-Heat gun over 1100 degrees	1.12	0.61	59	0.07			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.17	0.13	59	0.20	0.20		.	.
	Plastic	1-yes	-0.26	0.26	59	0.34	0.34		.	.
		2-no	0.00	.	.	.			.	.

**Table L10. Rule vs. Non-Rule Work Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 1	Intercept		4.67	0.44	6	<0.01	.	unit_id	0.52	293.35
	COF		-1.35	1.09	90	0.22	0.22	room_id(unit_id)	0.79	.
	Rule	Rule=Yes	-1.08	0.35	90	<0.01	<0.01	experiment_number	0.59	.
								Residual	0.35	.
Objective 7: Model 2	Intercept		4.13	0.45	6	<0.01	.	unit_id	0.23	285.54
	COF		-1.61	1.02	90	0.12	0.12	room_id(unit_id)	1.15	.
	Rule	Rule=Yes	-1.18	0.30	90	<0.01	<0.01	experiment_number	0.36	.
	Intensity level	1-High	0.58	0.37	90	0.12	0.01	Residual	0.35	.
		2-Medium	1.52	0.51	90	<0.01			.	.
	3-Low	0.00	.	.	.			.	.	
Objective 7: Model 3	Intercept		4.05	0.49	6	<0.01	.	unit_id	0.17	280.92
	COF		-1.65	1.02	90	0.11	0.11	room_id(unit_id)	1.28	.
	Rule	Rule=Yes	-1.15	0.51	90	0.03	<0.01	experiment_number	0.31	.
	Intensity level	1-High	0.97	0.51	90	0.06	0.02	Residual	0.35	.
		2-Medium	1.52	0.55	90	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Rule*Intensity level	1-High	-0.70	0.67	90	0.30	0.23		.	.
		2-Medium	0.41	0.66	90	0.53			.	.
3-Low		0.00	.	.	.			.	.	
Objective 7: Model 4	Intercept		4.02	0.49	9	<0.01	.	room_id(unit_id)	0.34	268.04
	COF		-2.09	0.77	90	<0.01	<0.01	experiment_number	0.46	.
	Rule	Rule=Yes	-1.30	0.30	90	<0.01	<0.01	Residual	0.35	.
	Job type	I1-Cut Outs	-0.06	0.55	90	0.92	<0.01		.	.
		I2-Replace Windows	0.88	0.65	90	0.18			.	.
		I3-Scrape Surface	0.43	0.72	90	0.55			.	.
		I4-Scrape Door	1.98	0.61	90	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.18	1.16	90	0.06			.	.
		I6-Heat gun over 1100 degrees	1.94	0.61	90	<0.01			.	.
I7-Kitchen		0.00	.	.	.			.	.	

**Table L10. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 5	Intercept		3.94	0.67	4	<0.01	.	room_id(unit_id)	0.34	253.19
	COF		-2.09	0.79	90	<0.01	<0.01	experiment_number	0.53	.
	Rule	Rule=Yes	-1.20	0.94	90	0.20	<0.01	Residual	0.35	.
	Job type	I1-Cut Outs	-0.05	0.81	90	0.95	<0.01		.	.
		I2-Replace Windows	0.97	0.96	90	0.32			.	.
		I3-Scrape Surface	0.25	0.96	90	0.80			.	.
		I4-Scrape Door	1.79	0.85	90	0.04			.	.
		I5-Heat gun under 1100 degrees	1.86	1.41	90	0.19			.	.
		I6-Heat gun over 1100 degrees	2.60	0.87	90	<0.01			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	-0.02	1.12	90	0.99	0.68		.	.
		Rule=Yes; I2-Replace Windows	-0.23	1.34	90	0.87			.	.
		Rule=Yes; I3-Scrape Surface	0.42	1.22	90	0.73			.	.
		Rule=Yes; I4-Scrape Door	0.37	1.23	90	0.76			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	0.68	1.45	90	0.64			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-1.23	1.16	90	0.29			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.



**Table L11. Rule vs. Non-Rule Tool Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 6	Intercept		4.30	0.60	6	<0.01	.	unit_id	1.13	233.17	
	COF		-0.97	1.34	36	0.47	0.47	room_id(unit_id)	0.02		
	Rule	Rule=Yes	-0.46	0.61	36	0.45	0.45	experiment_number	2.14		
								Residual	0.83		
Objective 7: Model 7	Intercept		3.66	0.68	6	<0.01	.	unit_id	0.36	224.80	
	COF		-1.38	1.41	36	0.33	0.33	room_id(unit_id)	2.18		
	Rule	Rule=Yes	-0.61	0.50	36	0.23	0.23	experiment_number	0.95		
	Intensity level	1-High	0.06	0.62	36	0.92	<0.01	Residual	0.83		
		2-Medium	2.54	0.81	36	<0.01					
	3-Low	0.00									
Objective 7: Model 8	Intercept		3.70	0.81	6	<0.01	.	unit_id	0.56	220.27	
	COF		-1.27	1.39	36	0.37	0.37	room_id(unit_id)	1.60		
	Rule	Rule=Yes	-0.52	0.96	36	0.59	0.31	experiment_number	1.29		
	Intensity level	1-High	-0.08	0.96	36	0.93	0.03	Residual	0.83		
		2-Medium	2.38	1.01	36	0.02					
		3-Low	0.00								
		Rule*Intensity level	1-High	0.30	1.29	36	0.82	0.84			
			2-Medium	-0.44	1.27	36	0.73				
		3-Low	0.00								
Objective 7: Model 9	Intercept		2.72	0.77	9	<0.01	.	room_id(unit_id)	0.26	205.13	
	COF		-1.20	0.98	36	0.23	0.23	experiment_number	1.42		
	Rule	Rule=Yes	-0.62	0.51	36	0.23	0.23	Residual	0.82		
	Job type	I1-Cut Outs	0.65	0.94	36	0.50	<0.01				
		I2-Replace Windows	1.92	1.02	36	0.07					
		I3-Scrape Surface	1.51	1.06	36	0.16					
		I4-Scrape Door	3.97	1.01	36	<0.01					
		I5-Heat gun under 1100 degrees	2.35	1.60	36	0.15					
		I6-Heat gun over 1100 degrees	2.66	0.97	36	<0.01					
	I7-Kitchen	0.00									
Objective 7: Model 10	Intercept		2.41	1.15	15	0.05	.	experiment_number	2.24	186.46	
	COF		-1.23	0.98	36	0.22	0.22	Residual	0.82		

**Table L11. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Rule	Rule=Yes	-0.10	1.63	36	0.95	0.36		.	.
	Job type	I1-Cut Outs	0.86	1.52	36	0.58	0.10		.	.
		I2-Replace Windows	2.14	1.63	36	0.20			.	.
		I3-Scrape Surface	1.92	1.63	36	0.25			.	.
		I4-Scrape Door	4.82	1.63	36	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.27	2.19	36	0.31			.	.
		I6-Heat gun over 1100 degrees	3.08	1.52	36	0.05			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	-0.53	2.09	36	0.80	0.99		.	.
		Rule=Yes; I2-Replace Windows	-0.29	2.30	36	0.90			.	.
		Rule=Yes; I3-Scrape Surface	-0.73	2.30	36	0.75			.	.
		Rule=Yes; I4-Scrape Door	-1.70	2.30	36	0.47			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	0.30	2.77	36	0.91			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-0.44	2.09	36	0.83			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

**Table L12. Rule vs. Non-Rule Observation Room Combined Floor Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 11	Intercept		3.47	0.51	8	<0.01	.	unit_id	0.72	201.20
	COF		-0.46	1.11	30	0.68	0.68	experiment_number	1.72	.
	Rule	Rule=Yes	-0.24	0.55	30	0.66	0.66	Residual	0.66	.
Objective 7: Model 12	Intercept		2.61	0.54	11	<0.01	.	room_id(unit_id)	0.53	191.46
	COF		-0.56	0.81	30	0.49	0.49	experiment_number	1.23	.
	Rule	Rule=Yes	-0.42	0.49	30	0.40	0.40	Residual	0.66	.
	Intensity level	1-High	0.68	0.60	30	0.27	0.01		.	.
		2-Medium	2.13	0.67	30	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 7: Model 13	Intercept		2.39	0.66	9	<0.01	.	room_id(unit_id)	0.40	186.86
	COF		-0.54	0.79	30	0.50	0.50	experiment_number	1.44	.
	Rule	Rule=Yes	0.02	0.89	30	0.98	0.41	Residual	0.66	.
	Intensity level	1-High	1.01	0.89	30	0.26	0.03		.	.
		2-Medium	2.48	0.90	30	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Rule*Intensity level	1-High	-0.50	1.23	30	0.69	0.79		.	.
		2-Medium	-0.83	1.22	30	0.50			.	.
		3-Low	0.00	.	.	.			.	.
Objective 7: Model 14	Intercept		2.50	0.66	21	<0.01	.	experiment_number	1.21	174.95
	COF		-0.53	0.76	30	0.49	0.49	Residual	0.66	.
	Rule	Rule=Yes	-0.52	0.45	30	0.26	0.26		.	.
	Job type	I1-Cut Outs	0.24	0.84	30	0.78	<0.01		.	.
		I2-Replace Windows	0.05	0.88	30	0.96			.	.
		I3-Scrape Surface	1.38	0.88	30	0.13			.	.
		I4-Scrape Door	3.24	0.88	30	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.41	1.32	30	0.29			.	.
		I6-Heat gun over 1100 degrees	1.89	0.84	30	0.03			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 7: Model 15	Intercept		2.67	1.02	15	0.02	.	experiment_number	1.74	157.90
	COF		-0.53	0.88	30	0.55	0.55	Residual	0.66	.
	Rule	Rule=Yes	-0.86	1.44	30	0.56	0.35		.	.

**Table L12. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Job type	I1-Cut Outs	-0.15	1.35	30	0.91	0.12		.	.
		I2-Replace Windows	-0.39	1.44	30	0.79			.	.
		I3-Scrape Surface	1.40	1.44	30	0.34			.	.
		I4-Scrape Door	3.37	1.44	30	0.03			.	.
		I5-Heat gun under 1100 degrees	1.11	1.97	30	0.58			.	.
		I6-Heat gun over 1100 degrees	1.72	1.35	30	0.21			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	0.76	1.86	30	0.68	1.00		.	.
		Rule=Yes; I2-Replace Windows	0.88	2.04	30	0.67			.	.
		Rule=Yes; I3-Scrape Surface	-0.05	2.04	30	0.98			.	.
		Rule=Yes; I4-Scrape Door	-0.26	2.04	30	0.90			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	0.60	2.49	30	0.81			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	0.35	1.86	30	0.85			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

## **APPENDIX M**

### **DETAILED STATISTICAL MODELING RESULTS OF COMBINED HOUSING UNIT/COF WINDOW SILL LEAD LEVELS**

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**Table M1. Post-Work Work Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept		6.61	0.65	16	<0.01	.	room_id(unit_id)	1.98	263.77
	COF		-1.39	1.26	40	0.28	0.28	Residual	4.23	.
	Intensity level	1-High	-0.35	0.73	40	0.63	<0.01		.	.
		2-Medium	2.29	0.79	40	<0.01			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 2	Intercept		4.51	0.70	16	<0.01	.	room_id(unit_id)	0.68	231.27
	COF		-0.99	1.04	36	0.35	0.35	Residual	3.26	.
	Job type	I1-Cut Outs	1.67	0.90	36	0.07	<0.01		.	.
		I2-Replace Windows	3.25	1.01	36	<0.01			.	.
		I3-Scrape Surface	2.16	1.05	36	0.05			.	.
		I4-Scrape Door	6.10	0.97	36	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.33	1.56	36	0.14			.	.
		I6-Heat gun over 1100 degrees	3.05	0.96	36	<0.01			.	.
		I7-Kitchen	0.00	.	.	.	.		.	.
Objective 1: Model 3	Intercept		5.87	0.84	16	<0.01	.	room_id(unit_id)	1.49	269.43
	COF		-1.64	1.16	38	0.16	0.16	Residual	4.37	.
	Square feet disturbed		0.00	0.02	38	0.95	0.95		.	.
	Avg. paint lead		0.19	0.11	38	0.10	0.10		.	.
	Intensity level	1-High	-0.13	1.30	38	0.92	<0.01		.	.
		2-Medium	2.31	1.11	38	0.04			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 4	Intercept		2.41	1.57	16	0.14	.	room_id(unit_id)	0.85	236.15
	COF		-1.05	1.08	34	0.34	0.34	Residual	3.08	.
	Square feet disturbed		0.03	0.03	34	0.21	0.21		.	.
	Avg. paint lead		0.13	0.10	34	0.19	0.19		.	.
	Job type	I1-Cut Outs	2.81	1.41	34	0.05	<0.01		.	.
		I2-Replace Windows	4.39	1.51	34	<0.01			.	.
		I3-Scrape Surface	1.53	1.20	34	0.21			.	.
		I4-Scrape Door	6.69	1.11	34	<0.01			.	.
		I5-Heat gun under 1100 degrees	2.21	1.59	34	0.17			.	.
		I6-Heat gun over 1100 degrees	2.29	1.06	34	0.04			.	.
I7-Kitchen		0.00	.	.	.	.		.	.	

**Table M2. Post-Work Tool Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 5	Intercept		4.37	0.45	16	<0.01	.	room_id(unit_id)	1.45	211.97
	COF		-1.00	0.99	40	0.32	0.32	Residual	1.48	.
	Intensity level	1-High	-0.09	0.45	40	0.85	0.01	.	.	.
		2-Medium	1.28	0.49	40	0.01	.	.	.	
		3-Low	0.00	.	.	.	.	.	.	
Objective 1: Model 6	Intercept		3.90	0.55	16	<0.01	.	room_id(unit_id)	1.19	198.19
	COF		-1.28	1.02	36	0.21	0.21	Residual	1.43	.
	Job type	11-Cut Outs	0.71	0.64	36	0.27	0.02	.	.	.
		12-Replace Windows	0.54	0.80	36	0.50	.	.	.	
		13-Scrape Surface	0.38	0.84	36	0.65	.	.	.	
		14-Scrape Door	2.65	0.70	36	<0.01	.	.	.	
		15-Heat gun under 1100 degrees	1.80	1.18	36	0.14	.	.	.	
		16-Heat gun over 1100 degrees	0.96	0.74	36	0.20	.	.	.	
17-Kitchen		0.00	.	.	.	.	.	.		
Objective 1: Model 7	Intercept		3.57	0.49	16	<0.01	.	room_id(unit_id)	0.52	211.07
	COF		-1.27	0.68	38	0.07	0.07	Residual	1.47	.
	Square feet disturbed		-0.02	0.01	38	0.18	0.18	.	.	.
	Avg. paint lead		0.23	0.07	38	<0.01	<0.01	.	.	.
	Intensity level	1-High	1.18	0.76	38	0.13	0.01	.	.	.
		2-Medium	1.87	0.64	38	<0.01	.	.	.	
		3-Low	0.00	.	.	.	.	.	.	
Objective 1: Model 8	Intercept		3.69	1.09	16	<0.01	.	room_id(unit_id)	0.71	199.55
	COF		-1.38	0.86	34	0.12	0.12	Residual	1.36	.
	Square feet disturbed		-0.01	0.02	34	0.72	0.72	.	.	.
	Avg. paint lead		0.20	0.07	34	<0.01	<0.01	.	.	.
	Job type	11-Cut Outs	0.04	0.96	34	0.97	0.03	.	.	.
		12-Replace Windows	-0.08	1.06	34	0.94	.	.	.	
		13-Scrape Surface	0.52	0.85	34	0.54	.	.	.	
		14-Scrape Door	2.13	0.76	34	<0.01	.	.	.	
15-Heat gun under 1100 degrees		1.16	1.12	34	0.31	.	.	.		
16-Heat gun over 1100 degrees		0.90	0.75	34	0.24	.	.	.		



**Table M2. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 9	Intercept		4.46	0.48	16	<0.01	.	room_id(unit_id)	1.44	211.95
	COF		-1.01	0.99	39	0.32	0.32	Residual	1.50	.
	Plastic	1-yes	-0.19	0.35	39	0.60	0.60		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level	1-High	-0.08	0.45	39	0.86	0.01		.	.
		2-Medium	1.30	0.49	39	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept		3.98	0.58	16	<0.01	.	room_id(unit_id)	1.17	198.29
	COF		-1.28	1.01	35	0.22	0.22	Residual	1.46	.
	Plastic	1-yes	-0.15	0.34	35	0.66	0.66		.	.
		2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.70	0.65	35	0.29	0.02		.	.
		I2-Replace Windows	0.54	0.80	35	0.51			.	.
		I3-Scrape Surface	0.40	0.84	35	0.64			.	.
		I4-Scrape Door	2.65	0.70	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.79	1.19	35	0.14			.	.
		I6-Heat gun over 1100 degrees	0.96	0.74	35	0.21			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table M3. Post-Work Observation Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 11	Intercept		3.93	0.39	16	<0.01	.	room_id(unit_id)	1.16	191.31
	COF		-1.06	0.88	40	0.23	0.23	Residual	0.98	.
	Intensity level	1-High	0.14	0.37	40	0.71	0.01		.	.
		2-Medium	1.14	0.40	40	<0.01			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 12	Intercept		3.68	0.46	16	<0.01	.	room_id(unit_id)	0.91	178.99
	COF		-0.83	0.87	36	0.35	0.35	Residual	0.97	.
	Job type	11-Cut Outs	-0.15	0.53	36	0.78	0.02		.	.
		12-Replace Windows	0.99	0.67	36	0.15			.	.
		13-Scrape Surface	0.42	0.70	36	0.55			.	.
		14-Scrape Door	1.84	0.58	36	<0.01			.	.
		15-Heat gun under 1100 degrees	0.85	0.98	36	0.39			.	.
		16-Heat gun over 1100 degrees	0.64	0.62	36	0.31			.	.
		17-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 13	Intercept		3.39	0.45	16	<0.01	.	room_id(unit_id)	0.66	197.50
	COF		-1.23	0.70	38	0.09	0.09	Residual	1.05	.
	Square feet disturbed		-0.01	0.01	38	0.64	0.64		.	.
	Avg. paint lead		0.14	0.06	38	0.02	0.02		.	.
	Intensity level	1-High	0.64	0.68	38	0.35	0.03		.	.
		2-Medium	1.31	0.56	38	0.02			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 14	Intercept		3.08	0.94	16	<0.01	.	room_id(unit_id)	0.60	184.45
	COF		-0.92	0.76	34	0.23	0.23	Residual	0.98	.
	Square feet disturbed		0.00	0.02	34	0.79	0.79		.	.
	Avg. paint lead		0.13	0.06	34	0.03	0.03		.	.
	Job type	11-Cut Outs	-0.22	0.82	34	0.79	0.03		.	.
		12-Replace Windows	0.94	0.91	34	0.31			.	.
		13-Scrape Surface	0.33	0.73	34	0.65			.	.
		14-Scrape Door	1.73	0.65	34	0.01			.	.
		15-Heat gun under 1100 degrees	0.54	0.97	34	0.58			.	.
16-Heat gun over 1100 degrees		0.55	0.65	34	0.40			.	.	

**Table M3. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 15	Intercept		3.89	0.41	16	<0.01	.	room_id(unit_id)	1.18	191.90
	COF		-1.06	0.88	39	0.24	0.24	Residual	1.00	.
	Plastic	1-yes	0.08	0.29	39	0.79	0.79		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.14	0.37	39	0.71	0.02		.	.
		2-Medium	1.13	0.41	39	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 16	Intercept		3.64	0.49	16	<0.01	.	room_id(unit_id)	0.92	179.62
	COF		-0.83	0.88	35	0.35	0.35	Residual	0.98	.
	Plastic	1-yes	0.07	0.28	35	0.81	0.81		.	.
		2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.14	0.53	35	0.79	0.03		.	.
		I2-Replace Windows	0.99	0.68	35	0.15			.	.
		I3-Scrape Surface	0.41	0.71	35	0.57			.	.
		I4-Scrape Door	1.84	0.58	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.85	0.99	35	0.40			.	.
		I6-Heat gun over 1100 degrees	0.64	0.62	35	0.31			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table M4. Post-Cleaning Work Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 17	Intercept		4.24	0.46	16	<0.01	.	room_id(unit_id)	1.80	208.47
	COF		-0.82	1.08	40	0.45	0.45	Residual	1.29	.
	Intensity level	1-High	0.68	0.43	40	0.12	0.07		.	.
		2-Medium	1.09	0.47	40	0.02			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 18	Intercept		4.64	0.55	16	<0.01	.	room_id(unit_id)	1.20	197.83
	COF		-1.29	1.02	36	0.21	0.21	Residual	1.41	.
	Job type	I1-Cut Outs	-0.36	0.64	36	0.58	0.15		.	.
		I2-Replace Windows	-0.02	0.80	36	0.98			.	.
		I3-Scrape Surface	-0.63	0.83	36	0.45			.	.
		I4-Scrape Door	1.19	0.70	36	0.09			.	.
		I5-Heat gun under 1100 degrees	1.49	1.18	36	0.21			.	.
		I6-Heat gun over 1100 degrees	0.83	0.74	36	0.27			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 1: Model 19	Intercept		4.04	0.56	16	<0.01	.	room_id(unit_id)	1.35	216.05
	COF		-0.94	0.96	38	0.33	0.33	Residual	1.37	.
	Square feet disturbed		-0.01	0.01	38	0.32	0.32		.	.
	Avg. paint lead		0.10	0.07	38	0.16	0.16		.	.
	Intensity level	1-High	1.49	0.81	38	0.07	0.08		.	.
		2-Medium	1.53	0.65	38	0.02			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 20	Intercept		4.96	1.16	16	<0.01	.	room_id(unit_id)	0.92	205.70
	COF		-1.39	0.94	34	0.15	0.15	Residual	1.50	.
	Square feet disturbed		-0.01	0.02	34	0.55	0.55		.	.
	Avg. paint lead		0.09	0.07	34	0.21	0.21		.	.
	Job type	I1-Cut Outs	-0.94	1.01	34	0.36	0.17		.	.
		I2-Replace Windows	-0.52	1.13	34	0.65			.	.
		I3-Scrape Surface	-0.38	0.90	34	0.68			.	.
		I4-Scrape Door	0.88	0.81	34	0.29			.	.
	I5-Heat gun under 1100 degrees	1.29	1.20	34	0.29			.	.	
	I6-Heat gun over 1100 degrees	1.09	0.80	34	0.18			.	.	

**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.	.		.	.
Objective 1: Model 21	Intercept		4.61	0.54	16	<0.01	.	room_id(unit_id)	1.36	195.59
	COF		-1.02	0.94	36	0.29	0.29	Residual	1.03	.
	Avg. paint lead		0.12	0.06	36	0.06	0.06		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.44	0.42	36	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.33	0.41	36	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.56	0.41	36	0.18			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.78	0.39	36	0.05	0.03		.	.
		2-Medium	1.11	0.42	36	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 22	Intercept		5.26	0.57	16	<0.01	.	room_id(unit_id)	0.94	184.05
	COF		-1.32	0.90	32	0.15	0.15	Residual	1.07	.
	Avg. paint lead		0.11	0.06	32	0.10	0.10		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.50	0.42	32	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.44	0.42	32	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.56	0.41	32	0.18			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.48	0.57	32	0.41	0.05		.	.
		I2-Replace Windows	-0.21	0.70	32	0.77			.	.
		I3-Scrape Surface	-0.81	0.74	32	0.28			.	.
		I4-Scrape Door	1.21	0.61	32	0.06			.	.
		I5-Heat gun under 1100 degrees	1.03	1.05	32	0.33			.	.
		I6-Heat gun over 1100 degrees	0.65	0.65	32	0.32			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 1	Intercept		4.93	0.41	16	<0.01	.	room_id(unit_id)	1.50	213.79
	COF		-0.80	1.00	41	0.43	0.43	Residual	1.47	.
	Plastic	1-yes	-0.25	0.35	41	0.48	0.48		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 2	Intercept		4.38	0.49	16	<0.01	.	room_id(unit_id)	1.77	208.02
	COF		-0.83	1.07	39	0.44	0.44	Residual	1.30	.
	Intensity level	1-High	0.69	0.43	39	0.12	0.06		.	.
		2-Medium	1.13	0.47	39	0.02			.	.
		3-Low	0.00	.	.	.			.	.

**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.30	0.33	39	0.37	0.37		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 3	Intercept		4.14	0.55	16	<0.01	.	room_id(unit_id)	1.79	202.90
	COF		-0.82	1.07	37	0.45	0.45	Residual	1.28	.
	Intensity level	1-High	1.31	0.60	37	0.03	0.05		.	.
		2-Medium	1.21	0.58	37	0.04			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.12	0.61	37	0.85	0.37		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-1.18	0.82	37	0.16	0.28		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.08	0.79	37	0.92			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 4	Intercept		4.77	0.57	16	<0.01	.	room_id(unit_id)	1.14	197.45
	COF		-1.29	1.00	35	0.21	0.21	Residual	1.44	.
	Job type	I1-Cut Outs	-0.36	0.64	35	0.57	0.15		.	.
		I2-Replace Windows	0.01	0.80	35	0.99			.	.
		I3-Scrape Surface	-0.58	0.84	35	0.49			.	.
		I4-Scrape Door	1.22	0.70	35	0.09			.	.
		I5-Heat gun under 1100 degrees	1.51	1.18	35	0.21			.	.
		I6-Heat gun over 1100 degrees	0.86	0.74	35	0.25			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.29	0.34	35	0.41	0.41		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 5	Intercept		5.72	0.75	16	<0.01	.	room_id(unit_id)	1.21	179.53
	COF		-1.25	1.02	29	0.23	0.23	Residual	1.43	.
	Job type	I1-Cut Outs	-1.51	0.88	29	0.10	0.16		.	.
		I2-Replace Windows	-1.16	1.13	29	0.32			.	.
		I3-Scrape Surface	-1.60	1.02	29	0.13			.	.

**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	0.51	0.97	29	0.60			.	.
		I5-Heat gun under 1100 degrees	-0.13	1.43	29	0.93			.	.
		I6-Heat gun over 1100 degrees	-0.09	0.98	29	0.93			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-2.19	1.04	29	0.04	0.44		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	2.18	1.19	29	0.08	0.46		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	2.33	1.58	29	0.15			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	2.39	1.34	29	0.08			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	1.40	1.36	29	0.31			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	3.21	1.58	29	0.05			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	1.83	1.27	29	0.16			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 1	Intercept		5.34	0.38	16	<0.01	.	room_id(unit_id)	1.42	203.49
	COF		-0.81	0.97	41	0.41	0.41	Residual	1.19	.
	Clean	1-rule	-1.05	0.30	41	<0.01	<0.01		.	.

**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.	.		.	.
Objective 3: Model 2	Intercept		4.78	0.46	16	<0.01	.	room_id(unit_id)	1.65	197.47
	COF		-0.84	1.02	39	0.42	0.42	Residual	1.04	.
	Intensity level	1-High	0.64	0.39	39	0.11	0.04		.	.
		2-Medium	1.08	0.42	39	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-1.02	0.29	39	<0.01	<0.01		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 3	Intercept		4.99	0.50	16	<0.01	.	room_id(unit_id)	1.65	194.35
	COF		-0.83	1.02	37	0.42	0.42	Residual	1.05	.
	Intensity level	1-High	0.39	0.52	37	0.46	0.05		.	.
		2-Medium	0.69	0.55	37	0.22			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-1.43	0.47	37	<0.01	<0.01		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.50	0.69	37	0.47	0.54		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.73	0.67	37	0.28			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 4	Intercept		5.29	0.52	16	<0.01	.	room_id(unit_id)	1.12	185.15
	COF		-1.28	0.95	35	0.19	0.19	Residual	1.07	.
	Job type	I1-Cut Outs	-0.33	0.56	35	0.56	0.05		.	.
		I2-Replace Windows	-0.16	0.72	35	0.83			.	.
		I3-Scrape Surface	-0.89	0.75	35	0.24			.	.
		I4-Scrape Door	1.29	0.61	35	0.04			.	.
		I5-Heat gun under 1100 degrees	1.34	1.04	35	0.21			.	.
		I6-Heat gun over 1100 degrees	0.66	0.66	35	0.33			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-1.12	0.29	35	<0.01	<0.01		.	.



**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.			.	.
Objective 3: Model 5	Intercept		5.04	0.68	16	<0.01	.	room_id(unit_id)	1.11	169.46
	COF		-1.29	0.95	29	0.19	0.19	Residual	1.08	.
	Job type	I1-Cut Outs	-0.06	0.79	29	0.94	0.08		.	.
		I2-Replace Windows	0.55	0.94	29	0.56			.	.
		I3-Scrape Surface	-0.59	1.01	29	0.56			.	.
		I4-Scrape Door	0.55	0.82	29	0.51			.	.
		I5-Heat gun under 1100 degrees	1.88	1.26	29	0.15			.	.
		I6-Heat gun over 1100 degrees	1.05	0.86	29	0.23			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.80	0.93	29	0.39	<0.01		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.56	1.11	29	0.62	0.47		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-1.02	1.21	29	0.40			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.48	1.18	29	0.69			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.36	1.19	29	0.26			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.80	1.39	29	0.57			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.47	1.13	29	0.68			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.

**Table M4. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.	.		.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.	.		.	.
Objective Y: Model 1	Intercept		1.42	1.05	16	0.20	.	room_id(unit_id)	0.75	186.30
	COF		-0.27	0.75	36	0.72	0.72	Residual	1.00	.
	Intensity level	1-High	0.13	0.39	36	0.74	0.61		.	.
		2-Medium	-0.30	0.51	36	0.56			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.47	0.12	36	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.38	0.40	36	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.18	0.39	36	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.45	0.39	36	0.26			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 2	Intercept		2.03	1.30	16	0.14	.	room_id(unit_id)	0.71	177.45
	COF		-0.75	0.83	32	0.37	0.37	Residual	1.01	.
	Job type	I1-Cut Outs	0.03	0.55	32	0.95	0.57		.	.
		I2-Replace Windows	-0.37	0.67	32	0.59			.	.
		I3-Scrape Surface	-1.27	0.71	32	0.08			.	.
		I4-Scrape Door	0.02	0.74	32	0.98			.	.
		I5-Heat gun under 1100 degrees	0.39	1.04	32	0.71			.	.
		I6-Heat gun over 1100 degrees	0.17	0.65	32	0.80			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.43	0.15	32	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-1.40	0.40	32	<0.01	<0.01		.	.
		Clean=1-rule; Plastic=2-no	-1.27	0.40	32	<0.01			.	.
		Clean=2-base; Plastic=1-yes	-0.45	0.40	32	0.27			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table M5. Post-Cleaning Tool Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 23	Intercept		4.21	0.42	16	<0.01	.	room_id(unit_id)	1.25	204.86	
	COF		-1.07	0.92	40	0.25	0.25	Residual	1.31	.	
	Intensity level	1-High		0.35	0.42	40	0.41	0.04		.	.
		2-Medium		1.21	0.46	40	0.01			.	.
3-Low			0.00	.	.	.			.	.	
Objective 1: Model 24	Intercept		4.49	0.51	16	<0.01	.	room_id(unit_id)	1.10	189.77	
	COF		-1.15	0.96	36	0.24	0.24	Residual	1.19	.	
	Job type	11-Cut Outs		-0.14	0.59	36	0.81	0.02		.	.
		12-Replace Windows		-0.13	0.74	36	0.86			.	.
		13-Scrape Surface		-0.68	0.77	36	0.39			.	.
		14-Scrape Door		1.96	0.64	36	<0.01			.	.
		15-Heat gun under 1100 degrees		0.81	1.09	36	0.46			.	.
		16-Heat gun over 1100 degrees		0.28	0.68	36	0.69			.	.
		17-Kitchen		0.00	.	.	.			.	.
Objective 1: Model 25	Intercept		3.59	0.47	16	<0.01	.	room_id(unit_id)	0.47	205.79	
	COF		-1.30	0.65	38	0.05	0.05	Residual	1.34	.	
	Square feet disturbed		-0.02	0.01	38	0.10	0.10		.	.	
	Avg. paint lead		0.19	0.06	38	<0.01	<0.01		.	.	
	Intensity level	1-High		1.74	0.72	38	0.02	0.01		.	.
		2-Medium		1.97	0.61	38	<0.01			.	.
	3-Low		0.00	.	.	.			.	.	
Objective 1: Model 26	Intercept		3.84	1.03	16	<0.01	.	room_id(unit_id)	0.76	193.98	
	COF		-1.25	0.85	34	0.15	0.15	Residual	1.18	.	
	Square feet disturbed		0.00	0.02	34	0.82	0.82		.	.	
	Avg. paint lead		0.16	0.06	34	0.02	0.02		.	.	
	Job type	11-Cut Outs		-0.28	0.90	34	0.76	0.03		.	.
		12-Replace Windows		-0.24	1.00	34	0.81			.	.
		13-Scrape Surface		-0.66	0.80	34	0.42			.	.
		14-Scrape Door		1.78	0.72	34	0.02			.	.
		15-Heat gun under 1100 degrees		0.45	1.07	34	0.68			.	.
		16-Heat gun over 1100 degrees		0.15	0.71	34	0.84			.	.

**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.	.		.	.
Objective 1: Model 27	Intercept		3.54	0.53	16	<0.01	.	room_id(unit_id)	0.72	197.52
	COF		-1.34	0.74	36	0.08	0.08	Residual	1.26	.
	Avg. paint lead		0.19	0.06	36	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.65	0.45	36	0.15	0.31		.	.
		Clean=1-rule; Plastic=2-no	0.17	0.44	36	0.71			.	.
		Clean=2-base; Plastic=1-yes	-0.25	0.44	36	0.57			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.68	0.41	36	0.11	0.01		.	.
		2-Medium	1.36	0.44	36	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 28	Intercept		4.28	0.56	16	<0.01	.	room_id(unit_id)	0.61	184.35
	COF		-1.28	0.80	32	0.12	0.12	Residual	1.18	.
	Avg. paint lead		0.17	0.06	32	0.01	0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.71	0.43	32	0.11	0.32		.	.
		Clean=1-rule; Plastic=2-no	0.01	0.43	32	0.99			.	.
		Clean=2-base; Plastic=1-yes	-0.30	0.43	32	0.48			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.50	0.58	32	0.40	0.02		.	.
		I2-Replace Windows	-0.45	0.68	32	0.52			.	.
		I3-Scrape Surface	-0.52	0.72	32	0.48			.	.
		I4-Scrape Door	1.70	0.62	32	0.01			.	.
		I5-Heat gun under 1100 degrees	0.46	1.04	32	0.66			.	.
		I6-Heat gun over 1100 degrees	0.21	0.64	32	0.74			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 6	Intercept		4.89	0.36	16	<0.01	.	room_id(unit_id)	0.94	210.26
	COF		-1.01	0.83	41	0.23	0.23	Residual	1.51	.
	Plastic	1-yes	-0.45	0.35	41	0.20	0.20		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 7	Intercept		4.46	0.45	16	<0.01	.	room_id(unit_id)	1.25	202.72
	COF		-1.09	0.92	39	0.24	0.24	Residual	1.26	.
	Intensity level	1-High	0.36	0.42	39	0.39	0.02		.	.
		2-Medium	1.28	0.45	39	<0.01			.	.
		3-Low	0.00	.	.	.			.	.

**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Plastic	1-yes	-0.52	0.32	39	0.11	0.11		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 8	Intercept		4.14	0.51	16	<0.01	.	room_id(unit_id)	1.26	198.24
	COF		-1.08	0.92	37	0.25	0.25	Residual	1.26	.
	Intensity level	1-High	0.66	0.59	37	0.27	0.03		.	.
		2-Medium	1.78	0.57	37	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.14	0.60	37	0.82	0.18		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.63	0.80	37	0.43	0.36		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-1.12	0.78	37	0.16			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 9	Intercept		4.73	0.53	16	<0.01	.	room_id(unit_id)	1.07	187.90
	COF		-1.13	0.95	35	0.24	0.24	Residual	1.16	.
	Job type	I1-Cut Outs	-0.17	0.58	35	0.77	0.02		.	.
		I2-Replace Windows	-0.12	0.73	35	0.87			.	.
		I3-Scrape Surface	-0.58	0.77	35	0.46			.	.
		I4-Scrape Door	1.99	0.63	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.79	1.07	35	0.47			.	.
		I6-Heat gun over 1100 degrees	0.26	0.67	35	0.70			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.48	0.31	35	0.13	0.13		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 10	Intercept		4.27	0.68	16	<0.01	.	room_id(unit_id)	1.25	168.66
	COF		-1.12	0.99	29	0.27	0.27	Residual	1.04	.
	Job type	I1-Cut Outs	-0.02	0.77	29	0.98	0.02		.	.
		I2-Replace Windows	0.07	1.02	29	0.95			.	.
		I3-Scrape Surface	0.04	0.90	29	0.96			.	.

**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	3.10	0.85	29	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.48	1.25	29	0.71			.	.
		I6-Heat gun over 1100 degrees	0.80	0.87	29	0.36			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.42	0.93	29	0.65	0.44		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.19	1.04	29	0.86	0.21		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	-0.17	1.42	29	0.90			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-1.55	1.17	29	0.20			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-2.27	1.20	29	0.07			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.61	1.38	29	0.66			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-1.14	1.12	29	0.32			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 6	Intercept		4.66	0.37	16	<0.01	.	room_id(unit_id)	0.99	211.97
	COF		-1.00	0.85	41	0.25	0.25	Residual	1.55	.
	Clean	1-rule	-0.01	0.34	41	0.97	0.97		.	.

**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.	.		.	.
Objective 3: Model 7	Intercept		4.18	0.46	16	<0.01	.	room_id(unit_id)	1.26	205.30
	COF		-1.07	0.93	39	0.25	0.25	Residual	1.33	.
	Intensity level	1-High	0.36	0.43	39	0.41	0.04		.	.
		2-Medium	1.21	0.46	39	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.04	0.32	39	0.90	0.90		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 8	Intercept		4.22	0.51	16	<0.01	.	room_id(unit_id)	1.26	202.90
	COF		-1.07	0.93	37	0.26	0.26	Residual	1.40	.
	Intensity level	1-High	0.28	0.59	37	0.63	0.05		.	.
		2-Medium	1.16	0.62	37	0.07			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.04	0.54	37	0.94	0.91		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.16	0.78	37	0.83	0.98		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.09	0.77	37	0.91			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 9	Intercept		4.54	0.54	16	<0.01	.	room_id(unit_id)	1.07	190.23
	COF		-1.16	0.96	35	0.24	0.24	Residual	1.23	.
	Job type	I1-Cut Outs	-0.14	0.59	35	0.81	0.02		.	.
		I2-Replace Windows	-0.14	0.75	35	0.85			.	.
		I3-Scrape Surface	-0.70	0.78	35	0.38			.	.
		I4-Scrape Door	1.96	0.65	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.81	1.10	35	0.47			.	.
		I6-Heat gun over 1100 degrees	0.28	0.69	35	0.69			.	.
		I7-Kitchen	0.00	.	.	.			.	.

**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Clean	1-rule	-0.08	0.31	35	0.79	0.79		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 10	Intercept		4.92	0.73	16	<0.01	.	room_id(unit_id)	1.13	176.67
	COF		-1.17	0.99	29	0.24	0.24	Residual	1.32	.
	Job type	I1-Cut Outs	-0.32	0.86	29	0.72	0.03		.	.
		I2-Replace Windows	-0.77	1.01	29	0.45			.	.
		I3-Scrape Surface	-1.26	1.09	29	0.26			.	.
		I4-Scrape Door	1.36	0.90	29	0.14			.	.
		I5-Heat gun under 1100 degrees	0.83	1.37	29	0.55			.	.
		I6-Heat gun over 1100 degrees	-0.27	0.94	29	0.77			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.89	1.00	29	0.38	0.68		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.37	1.20	29	0.76	0.85		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.34	1.31	29	0.32			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	0.90	1.29	29	0.49			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.32	1.30	29	0.32			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	0.06	1.52	29	0.97			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	1.23	1.22	29	0.32			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.



**Table M5. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.	.		.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.	.		.	.
Objective Y: Model 3	Intercept		1.41	1.09	16	0.22	.	room_id(unit_id)	0.68	197.51
	COF		-0.59	0.74	38	0.43	0.43	Residual	1.25	.
	Intensity level	1-High	0.05	0.42	38	0.90	0.92		.	.
		2-Medium	0.21	0.55	38	0.70			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.39	0.13	38	<0.01	<0.01		.	.
	Plastic	1-yes	-0.50	0.31	38	0.12	0.12		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 4	Intercept		2.16	1.34	16	0.13	.	room_id(unit_id)	0.66	186.11
	COF		-0.77	0.84	34	0.36	0.36	Residual	1.21	.
	Job type	I1-Cut Outs	0.06	0.59	34	0.92	0.43		.	.
		I2-Replace Windows	-0.50	0.70	34	0.48			.	.
		I3-Scrape Surface	-0.92	0.74	34	0.22			.	.
		I4-Scrape Door	0.92	0.79	34	0.25			.	.
		I5-Heat gun under 1100 degrees	0.08	1.11	34	0.95			.	.
		I6-Heat gun over 1100 degrees	-0.13	0.69	34	0.85			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.32	0.16	34	0.05	0.05		.	.
	Plastic	1-yes	-0.47	0.31	34	0.14	0.14		.	.
		2-no	0.00	.	.	.			.	.

**Table M6. Post-Cleaning Observation Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 29	Intercept		3.79	0.36	16	<0.01	.	room_id(unit_id)	1.04	179.55
	COF		-1.02	0.82	40	0.22	0.22	Residual	0.78	.
	Intensity level	1-High	0.12	0.33	40	0.73	0.07		.	.
		2-Medium	0.81	0.36	40	0.03			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 30	Intercept		3.85	0.41	16	<0.01	.	room_id(unit_id)	1.09	157.06
	COF		-0.87	0.87	36	0.33	0.33	Residual	0.54	.
	Job type	I1-Cut Outs	0.14	0.41	36	0.73	<0.01		.	.
		I2-Replace Windows	0.14	0.57	36	0.81			.	.
		I3-Scrape Surface	-0.89	0.58	36	0.13			.	.
		I4-Scrape Door	1.94	0.45	36	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.06	0.78	36	0.94			.	.
		I6-Heat gun over 1100 degrees	0.10	0.51	36	0.85			.	.
		I7-Kitchen	0.00	.	.	.		.	.	
Objective 1: Model 31	Intercept		3.26	0.40	16	<0.01	.	room_id(unit_id)	0.52	185.12
	COF		-1.16	0.63	38	0.07	0.07	Residual	0.84	.
	Square feet disturbed		-0.01	0.01	38	0.43	0.43		.	.
	Avg. paint lead		0.14	0.05	38	0.01	0.01		.	.
	Intensity level	1-High	0.81	0.60	38	0.19	0.09		.	.
		2-Medium	1.10	0.50	38	0.03			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 32	Intercept		2.18	0.72	16	<0.01	.	room_id(unit_id)	0.91	160.00
	COF		-0.88	0.80	34	0.28	0.28	Residual	0.48	.
	Square feet disturbed		0.03	0.01	34	0.03	0.03		.	.
	Avg. paint lead		0.08	0.04	34	0.09	0.09		.	.
	Job type	I1-Cut Outs	1.06	0.60	34	0.08	<0.01		.	.
		I2-Replace Windows	1.17	0.71	34	0.11			.	.
		I3-Scrape Surface	-1.23	0.57	34	0.04			.	.
		I4-Scrape Door	2.35	0.49	34	<0.01			.	.
	I5-Heat gun under 1100 degrees	0.05	0.75	34	0.95			.	.	
		I6-Heat gun over 1100 degrees	-0.37	0.52	34	0.49			.	.

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I7-Kitchen	0.00	.	.	.			.	.
Objective 1: Model 33	Intercept		3.32	0.44	16	<0.01	.	room_id(unit_id)	0.67	175.53
	COF		-1.19	0.68	36	0.09	0.09	Residual	0.76	.
	Avg. paint lead		0.13	0.05	36	0.02	0.02		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.42	0.35	36	0.24	0.25		.	.
		Clean=1-rule; Plastic=2-no	0.24	0.35	36	0.50			.	.
		Clean=2-base; Plastic=1-yes	-0.32	0.35	36	0.36			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.37	0.33	36	0.27	0.04		.	.
		2-Medium	0.93	0.35	36	0.01			.	.
		3-Low	0.00	.	.	.			.	.
Objective 1: Model 34	Intercept		3.78	0.44	16	<0.01	.	room_id(unit_id)	0.82	155.77
	COF		-0.92	0.78	32	0.25	0.25	Residual	0.53	.
	Avg. paint lead		0.09	0.05	32	0.05	0.05		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.49	0.30	32	0.11	0.22		.	.
		Clean=1-rule; Plastic=2-no	0.01	0.30	32	0.98			.	.
		Clean=2-base; Plastic=1-yes	-0.42	0.29	32	0.17			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	-0.06	0.41	32	0.88	<0.01		.	.
		I2-Replace Windows	0.03	0.54	32	0.96			.	.
		I3-Scrape Surface	-0.70	0.56	32	0.22			.	.
		I4-Scrape Door	1.81	0.45	32	<0.01			.	.
		I5-Heat gun under 1100 degrees	-0.13	0.77	32	0.86			.	.
		I6-Heat gun over 1100 degrees	0.10	0.49	32	0.83			.	.
		I7-Kitchen	0.00	.	.	.			.	.
Objective 2: Model 11	Intercept		4.25	0.30	16	<0.01	.	room_id(unit_id)	0.76	182.17
	COF		-0.96	0.72	41	0.19	0.19	Residual	0.87	.
	Plastic	1-yes	-0.42	0.26	41	0.12	0.12		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 12	Intercept		4.03	0.37	16	<0.01	.	room_id(unit_id)	1.08	176.71
	COF		-1.04	0.83	39	0.22	0.22	Residual	0.72	.
	Intensity level	1-High	0.11	0.32	39	0.73	0.03		.	.
		2-Medium	0.89	0.35	39	0.02			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.49	0.25	39	0.06	0.06		.	.

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 13	Intercept		3.86	0.42	16	<0.01	.	room_id(unit_id)	1.06	174.13
	COF		-1.03	0.82	37	0.22	0.22	Residual	0.74	.
	Intensity level	1-High	0.23	0.46	37	0.62	0.05		.	.
		2-Medium	1.17	0.44	37	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.14	0.47	37	0.77	0.09		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.25	0.62	37	0.69	0.55		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.65	0.60	37	0.29			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 14	Intercept		4.06	0.41	16	<0.01	.	room_id(unit_id)	1.09	153.97
	COF		-0.84	0.87	35	0.34	0.34	Residual	0.49	.
	Job type	I1-Cut Outs	0.12	0.40	35	0.76	<0.01		.	.
		I2-Replace Windows	0.16	0.55	35	0.78			.	.
		I3-Scrape Surface	-0.75	0.56	35	0.19			.	.
		I4-Scrape Door	1.99	0.44	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.03	0.76	35	0.97			.	.
		I6-Heat gun over 1100 degrees	0.07	0.49	35	0.89			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.44	0.21	35	0.04	0.04		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 15	Intercept		3.81	0.52	16	<0.01	.	room_id(unit_id)	1.18	139.43
	COF		-0.84	0.89	29	0.35	0.35	Residual	0.45	.
	Job type	I1-Cut Outs	0.30	0.53	29	0.58	<0.01		.	.
		I2-Replace Windows	0.07	0.76	29	0.92			.	.
		I3-Scrape Surface	-0.63	0.63	29	0.32			.	.
		I4-Scrape Door	2.78	0.59	29	<0.01			.	.

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I5-Heat gun under 1100 degrees	0.03	0.87	29	0.98			.	.
		I6-Heat gun over 1100 degrees	0.27	0.63	29	0.66			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.00	0.67	29	1.00	0.20		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.28	0.72	29	0.70	0.22		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.46	1.05	29	0.66			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.38	0.82	29	0.65			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.65	0.84	29	0.06			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.08	0.95	29	0.93			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.33	0.79	29	0.68			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 11	Intercept		3.95	0.30	16	<0.01	.	room_id(unit_id)	0.78	184.43
	COF		-0.94	0.73	41	0.21	0.21	Residual	0.91	.
	Clean	1-rule	0.14	0.26	41	0.60	0.60		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 12	Intercept		3.70	0.38	16	<0.01	.	room_id(unit_id)	1.04	180.13

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	COF		-1.01	0.82	39	0.22	0.22	Residual	0.79	.
	Intensity level	1-High	0.13	0.33	39	0.71	0.07		.	.
		2-Medium	0.82	0.36	39	0.03			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.15	0.25	39	0.55	0.55		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 13	Intercept		3.81	0.42	16	<0.01	.	room_id(unit_id)	1.00	178.07
	COF		-1.01	0.81	37	0.22	0.22	Residual	0.82	.
	Intensity level	1-High	-0.12	0.45	37	0.79	0.09		.	.
		2-Medium	0.68	0.48	37	0.17			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.08	0.42	37	0.84	0.51		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.52	0.61	37	0.39	0.69		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.23	0.59	37	0.69			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 14	Intercept		3.84	0.43	16	<0.01	.	room_id(unit_id)	1.08	158.33
	COF		-0.87	0.87	35	0.33	0.33	Residual	0.55	.
	Job type	11-Cut Outs	0.14	0.42	35	0.74	<0.01		.	.
		12-Replace Windows	0.13	0.57	35	0.82			.	.
		13-Scrape Surface	-0.88	0.59	35	0.14			.	.
		14-Scrape Door	1.93	0.46	35	<0.01			.	.
		15-Heat gun under 1100 degrees	0.06	0.79	35	0.94			.	.
		16-Heat gun over 1100 degrees	0.10	0.51	35	0.84			.	.
		17-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.01	0.21	35	0.95	0.95		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 15	Intercept		3.60	0.55	16	<0.01	.	room_id(unit_id)	0.97	147.90

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	COF		-0.88	0.84	29	0.30	0.30	Residual	0.60	.
	Job type	I1-Cut Outs	0.26	0.61	29	0.68	<0.01		.	.
		I2-Replace Windows	0.73	0.75	29	0.34			.	.
		I3-Scrape Surface	-0.39	0.81	29	0.63			.	.
		I4-Scrape Door	1.65	0.63	29	0.01			.	.
		I5-Heat gun under 1100 degrees	0.35	0.97	29	0.72			.	.
		I6-Heat gun over 1100 degrees	0.36	0.68	29	0.60			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.40	0.73	29	0.59	0.85		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.30	0.86	29	0.73	0.68		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-1.07	0.93	29	0.26			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.83	0.92	29	0.37			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.40	0.92	29	0.67			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.41	1.07	29	0.71			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.31	0.88	29	0.73			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1- rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2- base	0.00	.	.	.			.	.
Objective Y: Model 5	Intercept		1.80	0.90	16	0.06	.	room_id(unit_id)	0.71	173.12

**Table M6. (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	COF		-0.66	0.71	38	0.36	0.36	Residual	0.71	.
	Intensity level	1-High	-0.13	0.33	38	0.70	0.84		.	.
		2-Medium	0.06	0.45	38	0.89			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.28	0.11	38	0.01	0.01		.	.
	Plastic	1-yes	-0.47	0.24	38	0.06	0.06		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 6	Intercept		2.98	0.97	16	<0.01	.	room_id(unit_id)	0.96	155.12
	COF		-0.66	0.84	34	0.44	0.44	Residual	0.51	.
	Job type	I1-Cut Outs	0.20	0.41	34	0.63	0.01		.	.
		I2-Replace Windows	0.05	0.55	34	0.93			.	.
		I3-Scrape Surface	-0.93	0.57	34	0.12			.	.
		I4-Scrape Door	1.52	0.56	34	0.01			.	.
		I5-Heat gun under 1100 degrees	-0.30	0.81	34	0.71			.	.
		I6-Heat gun over 1100 degrees	-0.11	0.51	34	0.84			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.14	0.11	34	0.23	0.23		.	.
	Plastic	1-yes	-0.44	0.21	34	0.04	0.04		.	.
		2-no	0.00	.	.	.			.	.



**Table M7. Post-verification Work Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 35	Intercept		4.13	0.43	16	<0.01	.	room_id(unit_id)	1.57	194.28
	COF		-0.99	1.00	39	0.33	0.33	Residual	1.04	.
	Intensity level	1-High	0.00	0.39	39	1.00	0.10		.	.
		2-Medium	0.81	0.42	39	0.06			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 36	Intercept		3.77	0.49	16	<0.01	.	room_id(unit_id)	1.12	180.49
	COF		-1.49	0.95	35	0.12	0.12	Residual	1.02	.
	Job type	I1-Cut Outs	0.52	0.55	35	0.35	0.06		.	.
		I2-Replace Windows	0.63	0.71	35	0.38			.	.
		I3-Scrape Surface	-0.33	0.74	35	0.66			.	.
		I4-Scrape Door	1.86	0.60	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.92	1.07	35	0.08			.	.
		I6-Heat gun over 1100 degrees	0.99	0.65	35	0.13			.	.
		I7-Kitchen	0.00	.	.	.	.		.	.
Objective 1: Model 37	Intercept		3.87	0.54	16	<0.01	.	room_id(unit_id)	1.59	204.31
	COF		-1.06	1.02	37	0.30	0.30	Residual	1.07	.
	Square feet disturbed		0.00	0.01	37	0.70	0.70		.	.
	Avg. paint lead		0.04	0.06	37	0.50	0.50		.	.
	Intensity level	1-High	-0.18	0.74	37	0.81	0.13		.	.
		2-Medium	0.67	0.59	37	0.26			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 38	Intercept		2.28	0.99	16	0.04	.	room_id(unit_id)	1.39	187.76
	COF		-1.45	1.02	33	0.16	0.16	Residual	0.94	.
	Square feet disturbed		0.03	0.02	33	0.09	0.09		.	.
	Avg. paint lead		0.01	0.06	33	0.90	0.90		.	.
	Job type	I1-Cut Outs	1.61	0.83	33	0.06	0.03		.	.
		I2-Replace Windows	1.66	0.97	33	0.10			.	.
		I3-Scrape Surface	-0.76	0.78	33	0.34			.	.
		I4-Scrape Door	2.39	0.67	33	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.99	1.07	33	0.07			.	.
I6-Heat gun over 1100 degrees		0.41	0.71	33	0.57			.	.	
I7-Kitchen		0.00	.	.	.	.		.	.	

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 39	Intercept		4.33	0.56	16	<0.01	.	room_id(unit_id)	1.40	195.07
	COF		-1.09	0.96	35	0.27	0.27	Residual	1.10	.
	Avg. paint lead		0.06	0.06	35	0.40	0.40		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.65	0.43	35	0.14	0.44		.	.
		Clean=1-rule; Plastic=2-no	-0.47	0.43	35	0.28			.	.
		Clean=2-base; Plastic=1-yes	-0.54	0.42	35	0.20			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Intensity level	1-High	0.06	0.40	35	0.89	0.14		.	.
	2-Medium	0.81	0.44	35	0.07			.	.	
	3-Low	0.00	.	.	.			.	.	
Objective 1: Model 40	Intercept		4.13	0.58	16	<0.01	.	room_id(unit_id)	1.05	181.05
	COF		-1.48	0.93	31	0.12	0.12	Residual	1.05	.
	Avg. paint lead		0.03	0.06	31	0.59	0.59		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.69	0.42	31	0.11	0.35		.	.
		Clean=1-rule; Plastic=2-no	-0.60	0.43	31	0.17			.	.
		Clean=2-base; Plastic=1-yes	-0.56	0.41	31	0.18			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
	Job type	I1-Cut Outs	0.48	0.56	31	0.40	0.07		.	.
		I2-Replace Windows	0.61	0.71	31	0.40			.	.
		I3-Scrape Surface	-0.38	0.75	31	0.62			.	.
		I4-Scrape Door	1.89	0.61	31	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.65	1.11	31	0.15			.	.
		I6-Heat gun over 1100 degrees	0.95	0.65	31	0.15			.	.
	I7-Kitchen	0.00	.	.	.			.	.	
Objective 2: Model 16	Intercept		4.49	0.37	16	<0.01	.	room_id(unit_id)	1.19	198.01
	COF		-0.95	0.90	40	0.30	0.30	Residual	1.18	.
	Plastic	1-yes	-0.31	0.31	40	0.34	0.34		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 17	Intercept		4.30	0.45	16	<0.01	.	room_id(unit_id)	1.52	193.35
	COF		-0.98	0.99	38	0.33	0.33	Residual	1.04	.
	Intensity level	1-High	0.00	0.38	38	0.99	0.08		.	.
		2-Medium	0.87	0.43	38	0.05			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.37	0.30	38	0.23	0.23		.	.

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.	.		.	.
Objective 2: Model 18	Intercept		4.27	0.51	16	<0.01	.	room_id(unit_id)	1.54	191.06
	COF		-0.99	1.00	36	0.33	0.33	Residual	1.08	.
	Intensity level	1-High	0.12	0.55	36	0.84	0.09		.	.
		2-Medium	0.85	0.54	36	0.13			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.32	0.56	36	0.57	0.24		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.20	0.75	36	0.79	0.93		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	0.06	0.74	36	0.94			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 19	Intercept		3.92	0.50	16	<0.01	.	room_id(unit_id)	1.02	179.79
	COF		-1.48	0.92	34	0.12	0.12	Residual	1.04	.
	Job type	I1-Cut Outs	0.50	0.55	34	0.38	0.06		.	.
		I2-Replace Windows	0.68	0.70	34	0.34			.	.
		I3-Scrape Surface	-0.26	0.73	34	0.72			.	.
		I4-Scrape Door	1.88	0.60	34	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.98	1.07	34	0.07			.	.
		I6-Heat gun over 1100 degrees	1.01	0.64	34	0.13			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.34	0.30	34	0.26	0.26		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 20	Intercept		3.66	0.68	16	<0.01	.	room_id(unit_id)	1.03	166.75
	COF		-1.50	0.94	28	0.12	0.12	Residual	1.15	.
	Job type	I1-Cut Outs	0.62	0.80	28	0.44	0.08		.	.
		I2-Replace Windows	1.31	1.03	28	0.21			.	.
		I3-Scrape Surface	-0.36	0.93	28	0.70			.	.
		I4-Scrape Door	2.40	0.87	28	0.01			.	.
		I5-Heat gun under 1100 degrees	2.22	1.49	28	0.15			.	.

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	1.43	0.88	28	0.12			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1=yes	0.18	0.94	28	0.85	0.33		.	.
		2=no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1=yes	-0.20	1.08	28	0.86	0.92		.	.
		Job_Type=I1-Cut Outs; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1=yes	-1.18	1.43	28	0.42			.	.
		Job_Type=I2-Replace Windows; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1=yes	0.00	1.21	28	1.00			.	.
		Job_Type=I3-Scrape Surface; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1=yes	-1.03	1.23	28	0.41			.	.
		Job_Type=I4-Scrape Door; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1=yes	-0.47	1.62	28	0.77			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1=yes	-0.83	1.15	28	0.48			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2=no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1=yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2=no	0.00	.	.	.			.	.
Objective 3: Model 16	Intercept		4.47	0.37	16	<0.01	.	room_id(unit_id)	1.24	198.22
	COF		-0.97	0.92	40	0.30	0.30	Residual	1.17	.
	Clean	1-rule	-0.27	0.30	40	0.38	0.38		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 17	Intercept		4.26	0.45	16	<0.01	.	room_id(unit_id)	1.54	194.21
	COF		-1.00	1.00	38	0.32	0.32	Residual	1.05	.

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level	1-High	-0.01	0.39	38	0.98	0.11		.	.
		2-Medium	0.79	0.43	38	0.07			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.24	0.29	38	0.41	0.41		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 18	Intercept		4.37	0.50	16	<0.01	.	room_id(unit_id)	1.55	191.83
	COF		-1.00	1.00	36	0.32	0.32	Residual	1.09	.
	Intensity level	1-High	-0.24	0.53	36	0.65	0.13		.	.
		2-Medium	0.66	0.56	36	0.25			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.46	0.48	36	0.35	0.45		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.46	0.70	36	0.51	0.81		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.24	0.69	36	0.74			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 19	Intercept		3.95	0.51	16	<0.01	.	room_id(unit_id)	1.11	179.74
	COF		-1.50	0.94	34	0.12	0.12	Residual	1.02	.
	Job type	I1-Cut Outs	0.53	0.55	34	0.34	0.05		.	.
		I2-Replace Windows	0.62	0.71	34	0.39			.	.
		I3-Scrape Surface	-0.42	0.74	34	0.57			.	.
		I4-Scrape Door	1.90	0.60	34	<0.01			.	.
		I5-Heat gun under 1100 degrees	1.84	1.06	34	0.09			.	.
		I6-Heat gun over 1100 degrees	0.97	0.64	34	0.14			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.34	0.29	34	0.24	0.24		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 20	Intercept		3.87	0.68	16	<0.01	.	room_id(unit_id)	1.16	165.54
	COF		-1.50	0.96	28	0.13	0.13	Residual	1.06	.
	Job type	I1-Cut Outs	0.50	0.79	28	0.53	0.09		.	.
		I2-Replace Windows	1.12	0.94	28	0.24			.	.

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I3-Scrape Surface	-0.21	1.01	28	0.83			.	.
		I4-Scrape Door	1.35	0.82	28	0.11			.	.
		I5-Heat gun under 1100 degrees	2.36	1.25	28	0.07			.	.
		I6-Heat gun over 1100 degrees	1.01	0.86	28	0.25			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.28	0.92	28	0.76	0.18		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.03	1.10	28	0.97	0.68		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-0.78	1.20	28	0.52			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.31	1.18	28	0.79			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.05	1.19	28	0.38			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-1.25	1.56	28	0.43			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	0.13	1.12	28	0.91			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 7	Intercept		1.07	1.07	16	0.33	.	room_id(unit_id)	0.61	185.26
	COF		-0.51	0.70	35	0.47	0.47	Residual	1.10	.
	Intensity level	1-High	-0.47	0.40	35	0.24	0.45		.	.

**Table M7 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-Medium	-0.55	0.52	35	0.30			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.45	0.13	35	<0.01	<0.01		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.65	0.41	35	0.13	0.47		.	.
		Clean=1-rule; Plastic=2-no	-0.38	0.42	35	0.37			.	.
		Clean=2-base; Plastic=1-yes	-0.44	0.41	35	0.29			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.
Objective Y: Model 8	Intercept		1.50	1.33	16	0.28	.	room_id(unit_id)	0.68	175.41
	COF		-1.06	0.83	31	0.21	0.21	Residual	1.06	.
	Job type	I1-Cut Outs	0.77	0.55	31	0.17	0.43		.	.
		I2-Replace Windows	0.50	0.67	31	0.47			.	.
		I3-Scrape Surface	-0.70	0.71	31	0.33			.	.
		I4-Scrape Door	0.88	0.76	31	0.25			.	.
		I5-Heat gun under 1100 degrees	0.96	1.13	31	0.40			.	.
		I6-Heat gun over 1100 degrees	0.57	0.66	31	0.40			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.33	0.15	31	0.04	0.04		.	.
	Clean*Plastic	Clean=1-rule; Plastic=1-yes	-0.68	0.41	31	0.11	0.41		.	.
		Clean=1-rule; Plastic=2-no	-0.49	0.42	31	0.25			.	.
		Clean=2-base; Plastic=1-yes	-0.47	0.41	31	0.25			.	.
		Clean=2-base; Plastic=2-no	0.00	.	.	.			.	.

**Table M8. Post-verification Tool Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 41	Intercept		4.36	0.46	16	<0.01	.	room_id(unit_id)	1.40	217.21
	COF		-1.07	0.99	40	0.29	0.29	Residual	1.67	.
	Intensity level	1-High	-0.07	0.47	40	0.89	0.13		.	.
		2-Medium	0.89	0.52	40	0.09			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 42	Intercept		4.41	0.60	16	<0.01	.	room_id(unit_id)	1.56	206.37
	COF		-0.91	1.14	36	0.43	0.43	Residual	1.63	.
	Job type	I1-Cut Outs	-0.15	0.69	36	0.83	0.23		.	.
		I2-Replace Windows	0.27	0.87	36	0.76			.	.
		I3-Scrape Surface	-0.32	0.91	36	0.73			.	.
		I4-Scrape Door	1.54	0.75	36	0.05			.	.
		I5-Heat gun under 1100 degrees	0.60	1.28	36	0.64			.	.
		I6-Heat gun over 1100 degrees	-0.26	0.80	36	0.75			.	.
		I7-Kitchen	0.00	.	.	.	.		.	.
Objective 1: Model 43	Intercept		3.72	0.54	16	<0.01	.	room_id(unit_id)	0.57	222.17
	COF		-1.27	0.73	38	0.09	0.09	Residual	1.84	.
	Square feet disturbed		-0.01	0.01	38	0.33	0.33		.	.
	Avg. paint lead		0.18	0.07	38	0.02	0.02		.	.
	Intensity level	1-High	1.00	0.84	38	0.24	0.12		.	.
		2-Medium	1.46	0.72	38	0.05			.	.
		3-Low	0.00	.	.	.		.	.	
Objective 1: Model 44	Intercept		3.51	1.24	16	0.01	.	room_id(unit_id)	1.06	212.49
	COF		-1.02	1.01	34	0.32	0.32	Residual	1.72	.
	Square feet disturbed		0.01	0.02	34	0.64	0.64		.	.
	Avg. paint lead		0.14	0.08	34	0.08	0.08		.	.
	Job type	I1-Cut Outs	-0.02	1.09	34	0.99	0.32		.	.
		I2-Replace Windows	0.43	1.21	34	0.72			.	.
		I3-Scrape Surface	-0.43	0.97	34	0.66			.	.
		I4-Scrape Door	1.50	0.87	34	0.09			.	.
		I5-Heat gun under 1100 degrees	0.36	1.28	34	0.78			.	.
		I6-Heat gun over 1100 degrees	-0.42	0.86	34	0.63			.	.
I7-Kitchen		0.00	.	.	.	.		.	.	



**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 45	Intercept		3.85	0.57	16	<0.01	.	room_id(unit_id)	0.34	209.85	
	COF		-1.34	0.63	36	0.04	0.04	Residual	1.85	.	
	Avg. paint lead		0.21	0.07	36	<0.01	<0.01	.	.	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-1.15	0.52	36	0.03	0.13	.	.	.
		Clean=1-rule; Plastic=2-no		-0.54	0.52	36	0.30	.	.	.	.
		Clean=2-base; Plastic=1-yes		-0.12	0.52	36	0.82	.	.	.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.	.	.	.	.
	Intensity level	1-High		0.41	0.46	36	0.39	0.14	.	.	.
2-Medium			0.99	0.49	36	0.05	.	.	.	.	
3-Low			0.00	.	.	.	.	.	.	.	
Objective 1: Model 46	Intercept		4.39	0.65	16	<0.01	.	room_id(unit_id)	0.56	200.26	
	COF		-1.15	0.85	32	0.19	0.19	Residual	1.77	.	
	Avg. paint lead		0.18	0.07	32	0.02	0.02	.	.	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-1.13	0.52	32	0.04	0.13	.	.	.
		Clean=1-rule; Plastic=2-no		-0.55	0.51	32	0.29	.	.	.	.
		Clean=2-base; Plastic=1-yes		-0.12	0.51	32	0.82	.	.	.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.	.	.	.	.
	Job type	I1-Cut Outs		-0.51	0.69	32	0.46	0.28	.	.	.
		I2-Replace Windows		-0.15	0.79	32	0.85	.	.	.	.
		I3-Scrape Surface		-0.29	0.81	32	0.72	.	.	.	.
		I4-Scrape Door		1.28	0.74	32	0.09	.	.	.	.
		I5-Heat gun under 1100 degrees		0.33	1.21	32	0.79	.	.	.	.
		I6-Heat gun over 1100 degrees		-0.19	0.74	32	0.80	.	.	.	.
		I7-Kitchen		0.00	.	.	.	.	.	.	.
Objective 2: Model 21	Intercept		4.70	0.39	16	<0.01	.	room_id(unit_id)	0.96	221.29	
	COF		-1.00	0.86	41	0.25	0.25	Residual	1.90	.	
	Plastic	1-yes		-0.27	0.38	41	0.49	0.49	.	.	.
		2-no		0.00	.	.	.	.	.	.	.
Objective 2: Model 22	Intercept		4.51	0.49	16	<0.01	.	room_id(unit_id)	1.36	216.68	
	COF		-1.08	0.98	39	0.28	0.28	Residual	1.69	.	
	Intensity level	1-High		-0.05	0.48	39	0.91	0.12	.	.	.
		2-Medium		0.93	0.52	39	0.08	.	.	.	.
		3-Low		0.00	.	.	.	.	.	.	.
Plastic	1-yes		-0.31	0.37	39	0.41	0.41	.	.	.	

**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 23	Intercept		4.36	0.58	16	<0.01	.	room_id(unit_id)	1.34	213.41
	COF		-1.07	0.97	37	0.28	0.28	Residual	1.77	.
	Intensity level	1-High	0.11	0.68	37	0.87	0.15		.	.
		2-Medium	1.13	0.67	37	0.10			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	-0.02	0.70	37	0.98	0.47		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.32	0.94	37	0.74	0.88		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.46	0.91	37	0.62			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 24	Intercept		4.55	0.63	16	<0.01	.	room_id(unit_id)	1.51	205.95
	COF		-0.90	1.13	35	0.43	0.43	Residual	1.66	.
	Job type	11-Cut Outs	-0.16	0.69	35	0.81	0.23		.	.
		12-Replace Windows	0.27	0.87	35	0.76			.	.
		13-Scrape Surface	-0.27	0.92	35	0.77			.	.
		14-Scrape Door	1.55	0.76	35	0.05			.	.
		15-Heat gun under 1100 degrees	0.60	1.28	35	0.64			.	.
		16-Heat gun over 1100 degrees	-0.26	0.80	35	0.75			.	.
		17-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.28	0.37	35	0.45	0.45		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 25	Intercept		4.32	0.85	16	<0.01	.	room_id(unit_id)	1.47	190.96
	COF		-0.93	1.14	29	0.42	0.42	Residual	1.87	.
	Job type	11-Cut Outs	0.09	1.01	29	0.93	0.34		.	.
		12-Replace Windows	-0.11	1.28	29	0.93			.	.
		13-Scrape Surface	-0.18	1.16	29	0.88			.	.
		14-Scrape Door	2.04	1.10	29	0.07			.	.
		15-Heat gun under 1100 degrees	0.91	1.62	29	0.58			.	.

**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.17	1.11	29	0.88			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	0.17	1.18	29	0.89	0.70		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	-0.51	1.36	29	0.71	0.95		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.73	1.79	29	0.69			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.26	1.52	29	0.86			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.09	1.55	29	0.49			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	-0.52	1.80	29	0.77			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.71	1.44	29	0.63			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1-yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2-no	0.00	.	.	.			.	.
Objective 3: Model 21	Intercept		4.88	0.37	16	<0.01	.	room_id(unit_id)	0.79	219.22
	COF		-1.00	0.81	41	0.22	0.22	Residual	1.88	.
	Clean	1-rule	-0.62	0.37	41	0.10	0.10		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 22	Intercept		4.64	0.48	16	<0.01	.	room_id(unit_id)	1.13	215.12
	COF		-1.07	0.91	39	0.25	0.25	Residual	1.70	.

**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level	1-High	-0.04	0.47	39	0.93	0.15		.	.
		2-Medium	0.86	0.51	39	0.10			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.56	0.36	39	0.13	0.13		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 23	Intercept		4.53	0.55	16	<0.01	.	room_id(unit_id)	1.20	211.73
	COF		-1.07	0.93	37	0.26	0.26	Residual	1.73	.
	Intensity level	1-High	-0.02	0.65	37	0.97	0.15		.	.
		2-Medium	1.18	0.69	37	0.09			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	-0.33	0.60	37	0.59	0.14		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	-0.05	0.87	37	0.96	0.74		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	-0.60	0.85	37	0.49			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 24	Intercept		4.75	0.61	16	<0.01	.	room_id(unit_id)	1.29	203.61
	COF		-0.95	1.07	35	0.38	0.38	Residual	1.62	.
	Job type	I1-Cut Outs	-0.13	0.68	35	0.85	0.19		.	.
		I2-Replace Windows	0.22	0.85	35	0.79			.	.
		I3-Scrape Surface	-0.47	0.89	35	0.60			.	.
		I4-Scrape Door	1.58	0.74	35	0.04			.	.
		I5-Heat gun under 1100 degrees	0.60	1.25	35	0.63			.	.
		I6-Heat gun over 1100 degrees	-0.25	0.78	35	0.76			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-0.62	0.35	35	0.09	0.09		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 25	Intercept		5.19	0.81	16	<0.01	.	room_id(unit_id)	1.49	185.55
	COF		-0.94	1.12	29	0.41	0.41	Residual	1.57	.
	Job type	I1-Cut Outs	-0.53	0.95	29	0.58	0.16		.	.
		I2-Replace Windows	-0.62	1.12	29	0.59			.	.

**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I3-Scrape Surface	-0.56	1.21	29	0.64			.	.
		I4-Scrape Door	0.74	0.99	29	0.46			.	.
		I5-Heat gun under 1100 degrees	0.81	1.51	29	0.59			.	.
		I6-Heat gun over 1100 degrees	-1.09	1.03	29	0.30			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	-1.59	1.11	29	0.16	0.06		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	0.83	1.33	29	0.54	0.45		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	1.86	1.44	29	0.21			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-0.01	1.42	29	1.00			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	1.90	1.43	29	0.20			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.33	1.67	29	0.85			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	1.77	1.35	29	0.20			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 9	Intercept		2.92	1.31	16	0.04	.	room_id(unit_id)	0.90	217.36
	COF		-0.81	0.86	38	0.35	0.35	Residual	1.83	.
	Intensity level	1-High	-0.16	0.51	38	0.75	0.62		.	.

**Table M8 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-Medium	0.38	0.65	38	0.56			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.20	0.16	38	0.21	0.21		.	.
	Plastic	1-yes	-0.31	0.38	38	0.42	0.42		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 10	Intercept		4.16	1.66	16	0.02	.	room_id(unit_id)	1.42	207.37
	COF		-0.85	1.14	34	0.46	0.46	Residual	1.72	.
	Job type	11-Cut Outs	-0.13	0.72	34	0.86	0.58		.	.
		12-Replace Windows	0.22	0.89	34	0.81			.	.
		13-Scrape Surface	-0.32	0.94	34	0.73			.	.
		14-Scrape Door	1.39	0.97	34	0.16			.	.
		15-Heat gun under 1100 degrees	0.49	1.38	34	0.72			.	.
		16-Heat gun over 1100 degrees	-0.30	0.86	34	0.73			.	.
		17-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.05	0.19	34	0.80	0.80		.	.
	Plastic	1-yes	-0.28	0.37	34	0.45	0.45		.	.
		2-no	0.00	.	.	.			.	.

**Table M9. Post-verification Observation Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 47	Intercept		3.63	0.33	16	<0.01	.	room_id(unit_id)	0.85	176.22	
	COF		-0.88	0.75	40	0.25	0.25	Residual	0.76	.	
	Intensity level	1-High		0.28	0.32	40	0.39	0.05		.	.
		2-Medium		0.89	0.35	40	0.02			.	.
3-Low			0.00	.	.	.			.	.	
Objective 1: Model 48	Intercept		3.88	0.39	16	<0.01	.	room_id(unit_id)	0.74	159.75	
	COF		-0.72	0.77	36	0.35	0.35	Residual	0.64	.	
	Job type	I1-Cut Outs		-0.12	0.44	36	0.78	<0.01		.	.
		I2-Replace Windows		-0.12	0.57	36	0.84			.	.
		I3-Scrape Surface		-0.66	0.59	36	0.26			.	.
		I4-Scrape Door		1.60	0.48	36	<0.01			.	.
		I5-Heat gun under 1100 degrees		-0.01	0.81	36	0.99			.	.
		I6-Heat gun over 1100 degrees		0.08	0.52	36	0.88			.	.
		I7-Kitchen		0.00	.	.	.			.	.
	Objective 1: Model 49	Intercept		2.99	0.35	16	<0.01	.	room_id(unit_id)	0.21	179.22
COF			-1.04	0.47	38	0.03	0.03	Residual	0.85	.	
Square feet disturbed			-0.01	0.01	38	0.25	0.25		.	.	
Avg. paint lead			0.17	0.05	38	<0.01	<0.01		.	.	
Intensity level		1-High		1.19	0.56	38	0.04	0.05		.	.
		2-Medium		1.22	0.48	38	0.02			.	.
	3-Low		0.00	.	.	.			.	.	
Objective 1: Model 50	Intercept		2.42	0.74	16	<0.01	.	room_id(unit_id)	0.47	161.76	
	COF		-0.78	0.65	34	0.24	0.24	Residual	0.60	.	
	Square feet disturbed		0.02	0.01	34	0.10	0.10		.	.	
	Avg. paint lead		0.12	0.05	34	0.01	0.01		.	.	
	Job type	I1-Cut Outs		0.47	0.65	34	0.47	<0.01		.	.
		I2-Replace Windows		0.58	0.73	34	0.43			.	.
		I3-Scrape Surface		-1.00	0.58	34	0.10			.	.
		I4-Scrape Door		1.81	0.52	34	<0.01			.	.
		I5-Heat gun under 1100 degrees		-0.16	0.77	34	0.83			.	.
		I6-Heat gun over 1100 degrees		-0.29	0.52	34	0.59			.	.
I7-Kitchen			0.00	.	.	.			.	.	

**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 51	Intercept		3.03	0.40	16	<0.01	.	room_id(unit_id)	0.45	168.44	
	COF		-1.06	0.58	36	0.08	0.08	Residual	0.71	.	
	Avg. paint lead		0.14	0.05	36	<0.01	<0.01		.	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.29	0.34	36	0.39	0.12		.	.
		Clean=1-rule; Plastic=2-no		0.39	0.33	36	0.25			.	.
		Clean=2-base; Plastic=1-yes		-0.36	0.33	36	0.29			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
	Intensity level	1-High		0.55	0.31	36	0.08	0.02		.	.
2-Medium			0.98	0.33	36	<0.01			.	.	
3-Low			0.00	.	.	.			.	.	
Objective 1: Model 52	Intercept		3.62	0.41	16	<0.01	.	room_id(unit_id)	0.35	153.84	
	COF		-0.81	0.59	32	0.18	0.18	Residual	0.62	.	
	Avg. paint lead		0.13	0.05	32	<0.01	<0.01		.	.	
	Clean*Plastic	Clean=1-rule; Plastic=1-yes		-0.35	0.31	32	0.27	0.14		.	.
		Clean=1-rule; Plastic=2-no		0.24	0.31	32	0.45			.	.
		Clean=2-base; Plastic=1-yes		-0.42	0.31	32	0.18			.	.
		Clean=2-base; Plastic=2-no		0.00	.	.	.			.	.
	Job type	I1-Cut Outs		-0.45	0.42	32	0.29	<0.01		.	.
		I2-Replace Windows		-0.32	0.50	32	0.53			.	.
		I3-Scrape Surface		-0.53	0.53	32	0.32			.	.
		I4-Scrape Door		1.35	0.45	32	<0.01			.	.
		I5-Heat gun under 1100 degrees		-0.27	0.76	32	0.73			.	.
		I6-Heat gun over 1100 degrees		0.10	0.47	32	0.83			.	.
		I7-Kitchen		0.00	.	.	.			.	.
Objective 2: Model 26	Intercept		4.20	0.28	16	<0.01	.	room_id(unit_id)	0.59	178.81	
	COF		-0.83	0.65	41	0.21	0.21	Residual	0.86	.	
	Plastic	1-yes		-0.46	0.26	41	0.08	0.08		.	.
		2-no		0.00	.	.	.			.	.
Objective 2: Model 27	Intercept		3.88	0.35	16	<0.01	.	room_id(unit_id)	0.87	172.76	
	COF		-0.90	0.75	39	0.24	0.24	Residual	0.70	.	
	Intensity level	1-High		0.28	0.31	39	0.38	0.02		.	.
		2-Medium		0.97	0.34	39	<0.01			.	.
		3-Low		0.00	.	.	.			.	.
Plastic	1-yes		-0.52	0.24	39	0.04	0.04		.	.	



**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-no	0.00	.	.	.			.	.
Objective 2: Model 28	Intercept		3.62	0.40	16	<0.01	.	room_id(unit_id)	0.85	169.15
	COF		-0.89	0.75	37	0.24	0.24	Residual	0.70	.
	Intensity level	1-High	0.55	0.44	37	0.22	0.03		.	.
		2-Medium	1.36	0.43	37	<0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Plastic	1-yes	0.03	0.45	37	0.95	0.07		.	.
		2-no	0.00	.	.	.			.	.
	Intensity level*Plastic	Intensity=1-High; Plastic=1-yes	-0.57	0.60	37	0.35	0.32		.	.
		Intensity=1-High; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=2-Medium; Plastic=1-yes	-0.89	0.58	37	0.14			.	.
		Intensity=2-Medium; Plastic=2-no	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=1-yes	0.00	.	.	.			.	.
		Intensity=3-Low; Plastic=2-no	0.00	.	.	.			.	.
Objective 2: Model 29	Intercept		4.12	0.40	16	<0.01	.	room_id(unit_id)	0.75	156.24
	COF		-0.69	0.76	35	0.37	0.37	Residual	0.58	.
	Job type	I1-Cut Outs	-0.15	0.42	35	0.73	<0.01		.	.
		I2-Replace Windows	-0.10	0.55	35	0.85			.	.
		I3-Scrape Surface	-0.53	0.57	35	0.36			.	.
		I4-Scrape Door	1.65	0.46	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	-0.04	0.79	35	0.96			.	.
		I6-Heat gun over 1100 degrees	0.05	0.50	35	0.92			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.49	0.22	35	0.03	0.03		.	.
		2-no	0.00	.	.	.			.	.
Objective 2: Model 30	Intercept		3.91	0.50	16	<0.01	.	room_id(unit_id)	0.82	140.30
	COF		-0.69	0.78	29	0.38	0.38	Residual	0.52	.
	Job type	I1-Cut Outs	-0.15	0.56	29	0.79	<0.01		.	.
		I2-Replace Windows	-0.18	0.75	29	0.81			.	.
		I3-Scrape Surface	-0.47	0.65	29	0.48			.	.
		I4-Scrape Door	2.49	0.61	29	<0.01			.	.
		I5-Heat gun under 1100 degrees	-0.13	0.91	29	0.89			.	.

**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I6-Heat gun over 1100 degrees	0.27	0.64	29	0.67			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Plastic	1-yes	-0.10	0.68	29	0.88	0.13		.	.
		2-no	0.00	.	.	.			.	.
	Job type*Plastic	Job_Type=I1-Cut Outs; Plastic=1-yes	0.10	0.75	29	0.90	0.18		.	.
		Job_Type=I1-Cut Outs; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Plastic=1-yes	0.33	1.05	29	0.75			.	.
		Job_Type=I2-Replace Windows; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Plastic=1-yes	-0.28	0.85	29	0.75			.	.
		Job_Type=I3-Scrape Surface; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Plastic=1-yes	-1.75	0.87	29	0.05			.	.
		Job_Type=I4-Scrape Door; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=1-yes	0.18	0.99	29	0.85			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=1-yes	-0.46	0.81	29	0.57			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Plastic=2-no	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=1- yes	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Plastic=2- no	0.00	.	.	.			.	.
Objective 3: Model 26	Intercept		3.80	0.29	16	<0.01	.	room_id(unit_id)	0.65	180.56
	COF		-0.81	0.68	41	0.24	0.24	Residual	0.87	.
	Clean	1-rule	0.30	0.26	41	0.25	0.25		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 27	Intercept		3.46	0.36	16	<0.01	.	room_id(unit_id)	0.87	175.46
	COF		-0.88	0.76	39	0.26	0.26	Residual	0.74	.

**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Intensity level	1-High	0.29	0.32	39	0.38	0.04		.	.
		2-Medium	0.90	0.35	39	0.01			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.32	0.24	39	0.19	0.19		.	.
		2-base	0.00	.	.	.			.	.
Objective 3: Model 28	Intercept		3.55	0.40	16	<0.01	.	room_id(unit_id)	0.85	173.83
	COF		-0.87	0.75	37	0.25	0.25	Residual	0.78	.
	Intensity level	1-High	0.11	0.44	37	0.81	0.05		.	.
		2-Medium	0.77	0.47	37	0.11			.	.
		3-Low	0.00	.	.	.			.	.
	Clean	1-rule	0.13	0.41	37	0.75	0.19		.	.
		2-base	0.00	.	.	.			.	.
	Intensity level*Clean	Intensity=1-High; Clean=1-rule	0.38	0.59	37	0.52	0.81		.	.
		Intensity=1-High; Clean=2-base	0.00	.	.	.			.	.
		Intensity=2-Medium; Clean=1-rule	0.23	0.57	37	0.69			.	.
		Intensity=2-Medium; Clean=2-base	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=1-rule	0.00	.	.	.			.	.
		Intensity=3-Low; Clean=2-base	0.00	.	.	.			.	.
Objective 3: Model 29	Intercept		3.75	0.41	16	<0.01	.	room_id(unit_id)	0.75	159.93
	COF		-0.72	0.77	35	0.36	0.36	Residual	0.64	.
	Job type	I1-Cut Outs	-0.13	0.44	35	0.76	<0.01		.	.
		I2-Replace Windows	-0.11	0.57	35	0.85			.	.
		I3-Scrape Surface	-0.61	0.59	35	0.31			.	.
		I4-Scrape Door	1.58	0.48	35	<0.01			.	.
		I5-Heat gun under 1100 degrees	0.01	0.82	35	0.99			.	.
		I6-Heat gun over 1100 degrees	0.10	0.52	35	0.85			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.22	0.22	35	0.33	0.33		.	.

**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		2-base	0.00	.	.	.			.	.
Objective 3: Model 30	Intercept		3.49	0.53	16	<0.01	.	room_id(unit_id)	0.71	147.61
	COF		-0.72	0.76	29	0.35	0.35	Residual	0.66	.
	Job type	I1-Cut Outs	0.17	0.62	29	0.78	0.02		.	.
		I2-Replace Windows	0.25	0.74	29	0.73			.	.
		I3-Scrape Surface	-0.05	0.80	29	0.95			.	.
		I4-Scrape Door	1.12	0.64	29	0.09			.	.
		I5-Heat gun under 1100 degrees	0.42	0.98	29	0.67			.	.
		I6-Heat gun over 1100 degrees	0.41	0.68	29	0.55			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Clean	1-rule	0.62	0.73	29	0.40	0.26		.	.
		2-base	0.00	.	.	.			.	.
	Job type*Clean	Job_Type=I1-Cut Outs; Clean=1-rule	-0.64	0.87	29	0.47	0.51		.	.
		Job_Type=I1-Cut Outs; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I2-Replace Windows; Clean=1-rule	-0.48	0.94	29	0.62			.	.
		Job_Type=I2-Replace Windows; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I3-Scrape Surface; Clean=1-rule	-1.04	0.93	29	0.27			.	.
		Job_Type=I3-Scrape Surface; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I4-Scrape Door; Clean=1-rule	0.78	0.93	29	0.41			.	.
		Job_Type=I4-Scrape Door; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=1-rule	-0.62	1.09	29	0.57			.	.
		Job_Type=I5-Heat gun under 1100 degrees; Clean=2-base	0.00	.	.	.			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=1-rule	-0.38	0.88	29	0.67			.	.
		Job_Type=I6-Heat gun over 1100 degrees; Clean=2-base	0.00	.	.	.			.	.

**Table M9 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=I7-Kitchen; Clean=1-rule	0.00	.	.	.			.	.
		Job_Type=I7-Kitchen; Clean=2-base	0.00	.	.	.			.	.
Objective Y: Model 11	Intercept		1.55	0.84	16	0.08	.	room_id(unit_id)	0.40	168.94
	COF		-0.49	0.57	38	0.39	0.39	Residual	0.74	.
	Intensity level	1-High	0.08	0.33	38	0.81	0.97		.	.
		2-Medium	0.09	0.42	38	0.83			.	.
		3-Low	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.30	0.10	38	<0.01	<0.01		.	.
	Plastic	1-yes	-0.50	0.24	38	0.05	0.05		.	.
		2-no	0.00	.	.	.			.	.
Objective Y: Model 12	Intercept		2.62	1.00	16	0.02	.	room_id(unit_id)	0.52	156.49
	COF		-0.47	0.69	34	0.50	0.50	Residual	0.62	.
	Job type	I1-Cut Outs	-0.04	0.43	34	0.93	0.16		.	.
		I2-Replace Windows	-0.28	0.54	34	0.60			.	.
		I3-Scrape Surface	-0.80	0.57	34	0.17			.	.
		I4-Scrape Door	1.01	0.59	34	0.09			.	.
		I5-Heat gun under 1100 degrees	-0.45	0.83	34	0.59			.	.
		I6-Heat gun over 1100 degrees	-0.16	0.52	34	0.77			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Avg. PostWork Work Floor Lead		0.19	0.12	34	0.11	0.11		.	.
	Plastic	1-yes	-0.48	0.22	34	0.04	0.04		.	.
		2-no	0.00	.	.	.			.	.

**Table M10. Rule vs. Non-Rule Work Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 1	Intercept		5.50	0.41	14	<0.01	.	room_id(unit_id)	1.40	92.79	
	COF		-1.03	0.98	13	0.31	0.31	Residual	0.67	.	
	Rule	Rule=Yes	-1.27	0.36	13	<0.01	<0.01	.	.	.	
Objective 7: Model 2	Intercept		5.36	0.49	14	<0.01	.	room_id(unit_id)	1.44	91.30	
	COF		-1.03	1.00	11	0.33	0.33	Residual	0.72	.	
	Rule	Rule=Yes	-1.29	0.37	11	<0.01	<0.01	.	.	.	
	Intensity level	1-High		0.34	0.46	11	0.48	0.77	.	.	.
		2-Medium		0.11	0.61	11	0.85	.	.	.	.
	3-Low		0.00	.	.	.	.	.	.	.	
Objective 7: Model 3	Intercept		5.27	0.58	14	<0.01	.	room_id(unit_id)	1.39	87.76	
	COF		-1.02	1.00	9	0.33	0.33	Residual	0.81	.	
	Rule	Rule=Yes	-1.16	0.69	9	0.13	<0.01	.	.	.	
	Intensity level	1-High		0.66	0.69	9	0.36	0.61	.	.	.
		2-Medium		0.11	0.74	9	0.88	.	.	.	.
		3-Low		0.00	.	.	.	.	.	.	.
	Rule*Intensity level	1-High		-0.59	0.92	9	0.54	0.74	.	.	.
		2-Medium		0.06	0.90	9	0.95	.	.	.	.
3-Low			0.00	.	.	.	.	.	.	.	
Objective 7: Model 4	Intercept		5.17	0.65	12	<0.01	.	room_id(unit_id)	1.05	76.65	
	COF		-1.70	1.21	9	0.19	0.19	Residual	0.72	.	
	Rule	Rule=Yes	-1.35	0.37	9	<0.01	<0.01	.	.	.	
	Job type	I1-Cut Outs		0.05	0.67	9	0.95	0.34	.	.	.
		I2-Replace Windows		0.98	0.87	9	0.29	.	.	.	.
		I3-Scrape Surface		-1.03	1.04	9	0.35	.	.	.	.
		I4-Scrape Door		0.66	0.75	9	0.40	.	.	.	.
		I5-Heat gun under 1100 degrees		1.47	1.75	9	0.42	.	.	.	.
		I6-Heat gun over 1100 degrees		1.22	0.79	9	0.16	.	.	.	.
I7-Kitchen			0.00	.	.	.	.	.	.	.	
Objective 7: Model 5	Intercept		5.61	0.88	11	<0.01	.	room_id(unit_id)	1.46	59.37	
	COF		-1.55	1.38	4	0.33	0.33	Residual	0.66	.	
	Rule	Rule=Yes	-2.43	1.18	4	0.11	0.02	.	.	.	
	Job type	I1-Cut Outs		-0.71	0.94	4	0.49	0.52	.	.	.
		I2-Replace Windows		0.73	1.36	4	0.62	.	.	.	.
	I3-Scrape Surface		-1.49	1.36	4	0.33	.	.	.	.	

**Table M10 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	-0.46	0.93	4	0.64			.	.
		I5-Heat gun under 1100 degrees	1.45	2.14	4	0.54			.	.
		I6-Heat gun over 1100 degrees	0.69	1.09	4	0.56			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	1.43	1.31	4	0.34	0.60		.	.
		Rule=Yes; I2-Replace Windows	0.73	1.80	4	0.71			.	.
		Rule=Yes; I3-Scrape Surface	1.14	1.43	4	0.47			.	.
		Rule=Yes; I4-Scrape Door	2.62	1.46	4	0.15			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	-0.04	1.64	4	0.98			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	0.97	1.40	4	0.52			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

**Table M11. Rule vs. Non-Rule Tool Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 7: Model 6	Intercept		4.75	0.48	14	<0.01	.	room_id(unit_id)	0.82	107.58
	COF		-0.73	0.94	13	0.45	0.45	Residual	1.84	.
	Rule	Rule=Yes	-0.88	0.54	13	0.13	0.13	.	.	.
Objective 7: Model 7	Intercept		4.10	0.59	14	<0.01	.	room_id(unit_id)	1.01	102.11
	COF		-0.86	0.98	11	0.40	0.40	Residual	1.61	.
	Rule	Rule=Yes	-0.93	0.52	11	0.10	0.10	.	.	.
	Intensity level	1-High	0.71	0.64	11	0.29	0.20	.	.	.
		2-Medium	1.40	0.74	11	0.09	.	.	.	.
	3-Low	0.00	.	.	.	.	.	.	.	
Objective 7: Model 8	Intercept		3.82	0.71	14	<0.01	.	room_id(unit_id)	0.97	96.73
	COF		-0.86	0.98	9	0.40	0.40	Residual	1.71	.
	Rule	Rule=Yes	-0.32	0.92	9	0.73	0.13	.	.	.
	Intensity level	1-High	0.92	0.92	9	0.34	0.17	.	.	.
		2-Medium	1.97	0.95	9	0.07	.	.	.	.
		3-Low	0.00	.	.	.	.	.	.	.
	Rule*Intensity level	1-High	-0.40	1.26	9	0.76	0.59	.	.	.
		2-Medium	-1.28	1.24	9	0.33	.	.	.	.
3-Low		0.00	.	.	.	.	.	.	.	
Objective 7: Model 9	Intercept		4.91	0.77	12	<0.01	.	room_id(unit_id)	0.55	85.79
	COF		-0.71	1.11	9	0.54	0.54	Residual	1.57	.
	Rule	Rule=Yes	-1.07	0.50	9	0.06	0.06	.	.	.
	Job type	I1-Cut Outs	-0.47	0.90	9	0.61	0.16	.	.	.
		I2-Replace Windows	-0.87	1.02	9	0.42	.	.	.	.
		I3-Scrape Surface	-0.93	1.09	9	0.41	.	.	.	.
		I4-Scrape Door	2.20	0.99	9	0.05	.	.	.	.
		I5-Heat gun under 1100 degrees	-0.12	1.72	9	0.95	.	.	.	.
		I6-Heat gun over 1100 degrees	0.37	0.96	9	0.71	.	.	.	.
I7-Kitchen		0.00	.	.	.	.	.	.	.	
Objective 7: Model 10	Intercept		4.91	1.10	11	<0.01	.	room_id(unit_id)	0.17	66.63
	COF		-0.85	1.03	4	0.46	0.46	Residual	2.27	.
	Rule	Rule=Yes	-1.09	1.56	4	0.52	0.14	.	.	.
	Job type	I1-Cut Outs	-0.44	1.44	4	0.77	0.36	.	.	.
		I2-Replace Windows	-1.76	1.56	4	0.32	.	.	.	.
	I3-Scrape Surface	-0.48	1.56	4	0.78	.	.	.	.	



**Table M11 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	2.63	1.53	4	0.16			.	.
		I5-Heat gun under 1100 degrees	-0.02	2.17	4	0.99			.	.
		I6-Heat gun over 1100 degrees	0.69	1.45	4	0.66			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	-0.03	1.98	4	0.99	0.91		.	.
		Rule=Yes; I2-Replace Windows	1.68	2.21	4	0.49			.	.
		Rule=Yes; I3-Scrape Surface	-0.91	2.17	4	0.70			.	.
		Rule=Yes; I4-Scrape Door	-0.85	2.17	4	0.72			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	0.08	2.64	4	0.98			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-0.09	2.00	4	0.97			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

**Table M12. Rule vs. Non-Rule Observation Room Combined Sill Modeling Results**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 7: Model 11	Intercept		3.98	0.36	14	<0.01	.	room_id(unit_id)	0.47	91.70	
	COF		-0.72	0.70	13	0.33	0.33	Residual	1.02	.	
	Rule	Rule=Yes	-0.24	0.40	13	0.56	0.56		.	.	
Objective 7: Model 12	Intercept		3.52	0.44	14	<0.01	.	room_id(unit_id)	0.50	87.98	
	COF		-0.78	0.71	11	0.29	0.29	Residual	0.96	.	
	Rule	Rule=Yes	-0.28	0.40	11	0.50	0.50		.	.	
	Intensity level	1-High		0.68	0.48	11	0.19	0.27		.	.
		2-Medium		0.82	0.55	11	0.17			.	.
	3-Low		0.00	.	.	.			.	.	
Objective 7: Model 13	Intercept		3.43	0.54	14	<0.01	.	room_id(unit_id)	0.49	84.45	
	COF		-0.78	0.72	9	0.31	0.31	Residual	1.05	.	
	Rule	Rule=Yes	-0.07	0.71	9	0.92	0.54		.	.	
	Intensity level	1-High		0.73	0.71	9	0.33	0.38		.	.
		2-Medium		1.03	0.73	9	0.19			.	.
		3-Low		0.00	.	.	.			.	.
	Rule*Intensity level	1-High		-0.06	0.98	9	0.95	0.85		.	.
		2-Medium		-0.51	0.97	9	0.61			.	.
3-Low			0.00	.	.	.			.	.	
Objective 7: Model 14	Intercept		3.98	0.53	12	<0.01	.	room_id(unit_id)	0.21	70.73	
	COF		-0.75	0.74	9	0.34	0.34	Residual	0.80	.	
	Rule	Rule=Yes	-0.37	0.35	9	0.32	0.32		.	.	
	Job type	I1-Cut Outs		-0.33	0.63	9	0.61	0.07		.	.
		I2-Replace Windows		-0.34	0.70	9	0.64			.	.
		I3-Scrape Surface		-0.95	0.74	9	0.23			.	.
		I4-Scrape Door		1.64	0.69	9	0.04			.	.
		I5-Heat gun under 1100 degrees		-0.05	1.17	9	0.97			.	.
	I6-Heat gun over 1100 degrees		0.77	0.67	9	0.28			.	.	
	I7-Kitchen		0.00	.	.	.			.	.	
Objective 7: Model 15	Intercept		3.49	0.78	11	<0.01	.	room_id(unit_id)	0.09	56.03	
	COF		-0.77	0.72	4	0.35	0.35	Residual	1.11	.	
	Rule	Rule=Yes	0.59	1.10	4	0.62	0.47		.	.	
	Job type	I1-Cut Outs		-0.06	1.01	4	0.96	0.32		.	.
		I2-Replace Windows		0.20	1.10	4	0.86			.	.
	I3-Scrape Surface		-0.25	1.10	4	0.83			.	.	

**Table M12 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		I4-Scrape Door	2.23	1.07	4	0.11			.	.
		I5-Heat gun under 1100 degrees	0.23	1.52	4	0.89			.	.
		I6-Heat gun over 1100 degrees	1.56	1.02	4	0.20			.	.
		I7-Kitchen	0.00	.	.	.			.	.
	Rule*Job type	Rule=Yes; I1-Cut Outs	-0.63	1.39	4	0.68	0.93		.	.
		Rule=Yes; I2-Replace Windows	-1.18	1.55	4	0.49			.	.
		Rule=Yes; I3-Scrape Surface	-1.40	1.52	4	0.41			.	.
		Rule=Yes; I4-Scrape Door	-1.35	1.52	4	0.42			.	.
		Rule=Yes; I5-Heat gun under 1100 degrees	-0.51	1.85	4	0.80			.	.
		Rule=Yes; I6-Heat gun over 1100 degrees	-1.41	1.40	4	0.37			.	.
		Rule=Yes; I7-Kitchen	0.00	.	.	.			.	.

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## **APPENDIX N**

### **DETAILED STATISTICAL MODELING RESULTS OF EXTERIOR DUST LEAD LEVELS FOR COMBINED RESIDENTIAL AND COF DATA**

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**Table N1. Modeling Results for Exterior Dust Lead Levels with Bulk Debris Samples**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
Objective 1: Model 1	Intercept	.	5.98	0.57	6	<0.01	.	unit_id	0.45	619.90
	cof	.	0.89	1.19	118	0.45	0.45	experiment_number	1.59	.
	DUST PAN	N-Near	2.49	0.48	118	<0.01	<0.01	Residual	5.14	.
		O-Top	6.22	0.48	118	<0.01			.	.
U-Under		0.00	.	.	.			.	.	
Objective 1: Model 2	Intercept	.	4.88	1.08	6	<0.01	.	unit_id	0.59	619.10
	cof	.	0.98	1.30	117	0.45	0.45	experiment_number	1.87	.
	DUST PAN	N-Near	2.50	0.47	117	<0.01	<0.01	Residual	5.05	.
		O-Top	6.22	0.47	117	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
Distance from Wall (feet)	.	0.38	0.31	117	0.22	0.22		.	.	
Objective 1: Model 3	Intercept	.	2.86	1.37	6	0.08	.	unit_id	0.55	612.30
	cof	.	0.99	1.29	115	0.44	0.44	experiment_number	1.91	.
	DUST PAN	N-Near	6.03	1.53	115	<0.01	<0.01	Residual	4.88	.
		O-Top	8.64	1.54	115	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	1.09	0.43	115	0.01	0.20		.	.
Distance from Wall (feet)*DUST PAN	Near	-1.25	0.52	115	0.02	0.05		.	.	
	Top	-0.85	0.51	115	0.10			.	.	
	Under	0.00	.	.	.			.	.	
Objective 1: Model 4	Intercept	.	5.90	0.80	11	<0.01	.	experiment_number	2.00	614.90
	cof	.	0.88	1.03	118	0.40	0.40	Residual	5.14	.
	DUST PAN	N-Near	2.49	0.48	118	<0.01	<0.01		.	.
		O-Top	6.22	0.48	118	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Intensity level	1-High	0.82	1.01	118	0.42	0.41		.	.
2-Medium		-0.54	1.01	118	0.60			.	.	
3-Low	0.00	.	.	.			.	.		
Objective 1: Model 5	Intercept	.	4.93	0.87	11	<0.01	.	experiment_number	2.08	585.70
	cof	.	0.88	1.03	114	0.40	0.40	Residual	4.40	.
	DUST PAN	N-Near	4.86	0.77	114	<0.01	<0.01		.	.
		O-Top	6.78	0.77	114	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
Intensity level	. 1-High	3.11	1.19	114	0.01	0.41		.	.	

**Table N1 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		. 2-Medium	0.10	1.19	114	0.93			.	.
		. 3-Low	0.00	.	.	.			.	.
	intensity_I*DUST PAN	Intensity=1-High; Dust_Pan=N-Near	-5.09	1.08	114	<0.01	<0.01		.	.
		Intensity=1-High; Dust_Pan=O -TOP	-1.79	1.08	114	0.10			.	.
		Intensity=1-High; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Intensity=2-Medium; Dust_Pan=N-Near	-2.03	1.08	114	0.06			.	.
		Intensity=2-Medium; Dust_Pan=O-Top	0.12	1.08	114	0.91			.	.
		Intensity=2-Medium; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=U-Under	0.00	.	.	.			.	.
Objective 1: Model 6	Intercept	.	5.77	1.14	7	<0.01	.	experiment_number	0.66	593.10
	DUST PAN	N-Near	2.49	0.48	118	<0.01	<0.01	Residual	5.14	.
		O-Top	6.22	0.48	118	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-0.68	1.36	118	0.62	<0.01		.	.
		. E2-Trim Soffit Replacement	1.35	1.36	118	0.32			.	.
		. E3-Rotopene	0.17	1.57	118	0.92			.	.
		. E4-Heat gun under 1100 degrees	3.13	1.57	118	0.05			.	.
		. E5-Dry Scrape	-1.07	1.24	118	0.39			.	.
		. E6-Power Sanding	2.04	1.36	118	0.14			.	.
		. E7-Torching	0.77	1.36	118	0.57			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 7	Intercept	.	5.96	1.47	7	<0.01	.	experiment_number	0.76	520.50
	DUST PAN	N-Near	1.14	1.68	104	0.50	<0.01	Residual	4.23	.
		O-Top	7.02	1.68	104	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-2.48	1.80	104	0.17	<0.01		.	.
		. E2-Trim Soffit Replacement	0.51	1.80	104	0.78			.	.
		. E3-Rotopene	-0.37	2.08	104	0.86			.	.
		. E4-Heat gun under 1100 degrees	2.09	2.08	104	0.32			.	.
		. E5-Dry Scrape	-1.47	1.65	104	0.37			.	.
		. E6-Power Sanding	2.53	1.80	104	0.16			.	.
		. E7-Torching	3.09	1.80	104	0.09			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	4.90	2.06	104	0.02	<0.01		.	.



Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E1-Door Replacement ; Dust_Pan=O=Top	0.52	2.06	104	0.80			.	.
		Job_Type= E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	3.41	2.06	104	0.10			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-0.89	2.06	104	0.67			.	.
		Job_Type=E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E3-Rotopene; Dust_Pan=N- Near	2.02	2.37	104	0.40			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.43	2.37	104	0.86			.	.
		Job_Type= E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	2.40	2.37	104	0.31			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	0.72	2.37	104	0.76			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	1.52	1.88	104	0.42			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=O-Top	-0.33	1.88	104	0.86			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=N-Near	0.73	2.06	104	0.72			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=O-Top	-2.22	2.06	104	0.28			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= .NE7-Torching; Dust_Pan=N-Near	-4.14	2.06	104	0.05			.	.
		Job_Type=E7-Torching; Dust_Pan=O- Top	-2.83	2.06	104	0.17			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type=E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type=E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
Objective 1: Model 8	Intercept	.	5.44	1.66	7	0.01	.	experiment_number	1.04	520.50
	DUST PAN	N-Near	1.14	1.67	103	0.50	<0.01	Residual	4.18	.
		O-Top	7.02	1.67	103	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-2.74	1.93	103	0.16	0.02		.	.
		. E2-Trim Soffit Replacement	0.34	1.92	103	0.86			.	.
		. E3-Rotopene	-0.62	2.22	103	0.78			.	.
		. E4-Heat gun under 1100 degrees	1.83	2.22	103	0.41			.	.
		. E5-Dry Scrape	-1.69	1.76	103	0.34			.	.
		. E6-Power Sanding	2.53	1.91	103	0.19			.	.
		. E7-Torching	2.58	2.00	103	0.20			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	4.90	2.05	103	0.02	<0.01		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	0.52	2.05	103	0.80			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	3.37	2.05	103	0.10			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-0.89	2.05	103	0.66			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	2.02	2.36	103	0.39			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.43	2.36	103	0.86			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	2.40	2.36	103	0.31			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	0.72	2.36	103	0.76			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	1.52	1.87	103	0.42			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	-0.37	1.87	103	0.84			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	2.05	103	0.72			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-2.22	2.05	103	0.28			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-4.05	2.05	103	0.05			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-2.74	2.05	103	0.18			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	0.26	0.29	103	0.38	0.38		.	.
Objective 1: Model 9	Intercept	.	3.95	1.81	7	0.07	.	experiment_number	1.04	515.20
	DUST PAN	N-Near	3.25	2.03	101	0.11	<0.01	Residual	4.10	.
		O-Top	9.11	2.03	101	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-3.49	1.96	101	0.08	0.02		.	.
		. E2-Trim Soffit Replacement	-0.16	1.93	101	0.93			.	.
		. E3-Rotopene	-1.37	2.24	101	0.54			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		. E4-Heat gun under 1100 degrees	1.09	2.24	101	0.63			.	.
		. E5-Dry Scrape	-2.31	1.78	101	0.20			.	.
		. E6-Power Sanding	2.53	1.90	101	0.19			.	.
		. E7-Torching	1.08	2.12	101	0.61			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	5.95	2.11	101	<0.01	<0.01		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	1.57	2.11	101	0.46			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	4.12	2.07	101	0.05			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-0.19	2.06	101	0.93			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	3.08	2.41	101	0.20			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	0.62	2.41	101	0.80			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U- Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	3.45	2.41	101	0.15			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	1.77	2.41	101	0.46			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	2.40	1.91	101	0.21			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	0.55	1.92	101	0.77			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	2.02	101	0.72			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-2.22	2.02	101	0.28			.	.

**Table N1 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-2.04	2.30	101	0.38			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-0.75	2.30	101	0.75			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	1.01	0.46	101	0.03	0.30		.	.
	Distance from Wall (feet)*DUST PAN	Near	-1.06	0.59	101	0.07	0.13		.	.
	Distance from Wall (feet)*DUST PAN	Top	-1.05	0.59	101	0.08			.	.
	Distance from Wall (feet)*DUST PAN	Under	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept	.	3.83	2.49	6	0.18	.	experiment_number	1.03	507.60
	DUST PAN	N-Near	3.21	2.04	99	0.12	<0.01	Residual	4.10	.
		O-Top	9.12	2.04	99	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-3.55	2.13	99	0.10	0.64		.	.
		. E2-Trim Soffit Replacement	-2.60	3.07	99	0.40			.	.
		. E3-Rotopene	-1.43	2.40	99	0.55			.	.
		. E4-Heat gun under 1100 degrees	1.03	2.40	99	0.67			.	.
		. E5-Dry Scrape	-1.20	2.63	99	0.65			.	.
		. E6-Power Sanding	2.62	3.07	99	0.39			.	.
		. E7-Torching	0.96	2.72	99	0.72			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	5.94	2.11	99	<0.01	<0.01		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	1.57	2.11	99	0.46			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	3.95	2.08	99	0.06			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-0.19	2.06	99	0.93			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	3.06	2.41	99	0.21			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	0.63	2.41	99	0.80			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	3.44	2.41	99	0.16			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	1.78	2.41	99	0.46			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	2.38	1.91	99	0.22			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	0.62	1.93	99	0.75			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	2.03	99	0.72			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-2.22	2.03	99	0.28			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-2.05	2.34	99	0.38			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-0.72	2.34	99	0.76			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.

**Table N1 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	1.07	0.98	99	0.28	0.18		.	.
	Distance from Wall (feet)*DUST PAN	Near	-1.04	0.60	99	0.08	0.14		.	.
		Top	-1.05	0.60	99	0.08			.	.
		Under	0.00	.	.	.			.	.
	Distance from Wall (feet)*Job type	. E1-Door Replacement	0.00	.	.	.	0.40		.	.
		. E2-Trim Soffit Replacement	0.90	1.07	99	0.40			.	.
		. E3-Rotopene	0.00	.	.	.			.	.
		. E4-Heat gun under 1100 degrees	0.00	.	.	.			.	.
		. E5-Dry Scrape	-0.41	0.92	99	0.66			.	.
		. E6-Power Sanding	-0.04	1.21	99	0.97			.	.
		. E7-Torching	0.00	.	.	.			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 11	Intercept	.	5.42	3.64	6	0.19	.	experiment_number	1.04	491.20
	DUST PAN	N-Near	1.50	4.29	94	0.73	<0.01	Residual	4.18	.
		O-Top	7.66	2.89	94	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-2.75	2.52	94	0.28	0.63		.	.
		. E2-Trim Soffit Replacement	-6.27	4.84	94	0.20			.	.
		. E3-Rotopene	-0.63	2.75	94	0.82			.	.
		. E4-Heat gun under 1100 degrees	1.82	2.75	94	0.51			.	.
		. E5-Dry Scrape	-3.22	4.10	94	0.43			.	.
		. E6-Power Sanding	2.56	3.71	94	0.49			.	.
		. E7-Torching	2.56	3.81	94	0.50			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	5.08	2.84	94	0.08	0.41		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	0.84	2.36	94	0.72			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	8.37	6.38	94	0.19			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	4.96	5.25	94	0.35			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	2.21	3.08	94	0.47			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.11	2.64	94	0.97			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	2.58	3.08	94	0.40			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	1.04	2.64	94	0.69			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	5.42	4.91	94	0.27			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	1.99	3.81	94	0.60			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	-0.70	4.45	94	0.88			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-2.22	2.04	94	0.28			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-3.74	4.27	94	0.38			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-2.20	3.15	94	0.49			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.



Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	0.27	1.65	94	0.87	0.19		.	.
	Distance from Wall (feet)*DUST PAN	N-Near	-0.18	1.98	94	0.93	0.18		.	.
		O-Top	-0.32	1.18	94	0.79			.	.
		U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)*Job type	. E1-Door Replacement	0.00	.	.	.	0.42		.	.
		. E2-Trim Soffit Replacement	2.48	1.99	94	0.22			.	.
		. E3-Rotopene	0.00	.	.	.			.	.
		. E4-Heat gun under 1100 degrees	0.00	.	.	.			.	.
		. E5-Dry Scrape	0.54	1.75	94	0.76			.	.
		. E6-Power Sanding	-0.01	1.59	94	0.99			.	.
		. E7-Torching	0.00	.	.	.			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Distance from Wall (feet)*job_typ*DUST_PA	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	0.00	.	.	.	0.69		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	-1.86	2.58	94	0.47			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-2.11	1.98	94	0.29			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	0.00	.	.	.			.	.

Table N1 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	-1.32	2.13	94	0.54			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	-0.71	1.43	94	0.62			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.71	1.98	94	0.72			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.

**Table N2. Modeling Results for Exterior Dust Lead Levels excluding Bulk Debris Samples**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood	
Objective 1: Model 1	Intercept	.	6.11	0.49	6	<0.01	.	unit_id	0.40	578.80	
	cof	.	0.18	1.05	118	0.86	0.86	experiment_number	1.12	.	
	DUST PAN	Near		2.42	0.41	118	<0.01	<0.01	Residual	3.76	.
		Top		3.79	0.41	118	<0.01		.	.	.
Under			0.00	.	.	.		.	.	.	
Objective 1: Model 2	Intercept	.	5.16	0.93	6	<0.01	.	unit_id	0.53	578.30	
	cof	.	0.26	1.17	117	0.83	0.83	experiment_number	1.39	.	
	DUST PAN	Near		2.43	0.40	117	<0.01	<0.01	Residual	3.68	.
		Top		3.79	0.40	117	<0.01		.	.	.
Under			0.00	.	.	.		.	.	.	
	Distance from Wall (feet)	.	0.33	0.27	117	0.22	0.22		.	.	
Objective 1: Model 3	Intercept	.	2.78	1.16	6	0.05	.	unit_id	0.51	567.90	
	cof	.	0.27	1.16	115	0.82	0.82	experiment_number	1.47	.	
	DUST PAN	Near		6.17	1.28	115	<0.01	<0.01	Residual	3.41	.
		Top		6.94	1.29	115	<0.01		.	.	.
		Under		0.00	.	.	.		.	.	.
		Distance from Wall (feet)	.	1.16	0.36	115	<0.01	0.17		.	.
	Distance from Wall (feet)*DUST PAN	Near		-1.32	0.43	115	<0.01	<0.01		.	.
Top			-1.11	0.43	115	0.01		.	.	.	
Under			0.00	.	.	.		.	.	.	
Objective 1: Model 4	Intercept	.	6.33	0.68	11	<0.01	.	experiment_number	1.46	574.40	
	cof	.	0.15	0.89	118	0.86	0.86	Residual	3.76	.	
	DUST PAN	Near		2.42	0.41	118	<0.01	<0.01		.	.
		Top		3.79	0.41	118	<0.01		.	.	.
		Under		0.00	.	.	.		.	.	.
	Intensity level	1-High		0.32	0.87	118	0.71	0.36		.	.
2-Medium			-0.88	0.87	118	0.31		.	.	.	
3-Low			0.00	.	.	.		.	.	.	
Objective 1: Model 5	Intercept	.	5.07	0.73	11	<0.01	.	experiment_number	1.55	537.50	
	cof	.	0.15	0.89	114	0.86	0.86	Residual	2.97	.	
	DUST PAN	N-Near		4.86	0.63	114	<0.01	<0.01		.	.
		O-Top		5.13	0.63	114	<0.01		.	.	.
		U-Under		0.00	.	.	.		.	.	.
Intensity level	1-High		3.11	1.01	114	<0.01	0.36		.	.	
	2-Medium		0.10	1.01	114	0.92		.	.	.	

Table N2 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		. 3-Low	0.00	.	.	.			.	.
	intensity_I*DUST PAN	Intensity=1-High; Dust_Pan=N-Near	-5.09	0.89	114	<0.01	<0.01		.	.
		Intensity=1-High; Dust_Pan=O -TOP	-3.29	0.89	114	<0.01			.	.
		Intensity=1-High; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Intensity=2-Medium; Dust_Pan=N-Near	-2.24	0.89	114	0.01			.	.
		Intensity=2-Medium; Dust_Pan=O-Top	-0.71	0.89	114	0.43			.	.
		Intensity=2-Medium; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Intensity=3-Low; Dust_Pan=U-Under	0.00	.	.	.			.	.
Objective 1: Model 6	Intercept	.	5.55	0.89	7	<0.01	.	experiment_number	0.31	552.40
	DUST PAN	N-Near	2.42	0.41	118	<0.01	<0.01	Residual	3.76	.
		O-Top	3.79	0.41	118	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	0.18	1.05	118	0.87	<0.01		.	.
		. E2-Trim Soffit Replacement	1.78	1.05	118	0.09			.	.
		. E3-Rotopene	0.15	1.21	118	0.90			.	.
		. E4-Heat gun under 1100 degrees	2.09	1.21	118	0.09			.	.
		. E5-Dry Scrape	-0.61	0.96	118	0.53			.	.
		. E6-Power Sanding	2.54	1.05	118	0.02			.	.
		. E7-Torching	0.28	1.05	118	0.79			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 7	Intercept	.	5.96	1.20	2	0.04	.	unit_id	0.58	463.90
	DUST PAN	N-Near	1.14	1.30	104	0.39	<0.01	experiment_number	0.02	.
		O-Top	3.84	1.30	104	<0.01		Residual	2.55	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-2.48	1.47	104	0.10	<0.01		.	.
		. E2-Trim Soffit Replacement	0.95	1.46	104	0.52			.	.
		. E3-Rotopene	-0.37	1.32	104	0.78			.	.
		. E4-Heat gun under 1100 degrees	2.09	1.32	104	0.12			.	.
		. E5-Dry Scrape	-1.30	1.37	104	0.34			.	.
		. E6-Power Sanding	2.26	1.48	104	0.13			.	.
		. E7-Torching	2.89	1.46	104	0.05			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	4.90	1.60	104	<0.01	<0.01		.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E1-Door Replacement ; Dust_Pan=O=Top	3.08	1.60	104	0.06			.	.
		Job_Type= E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	3.41	1.60	104	0.04			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	0.39	1.60	104	0.81			.	.
		Job_Type=E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E3-Rotopene; Dust_Pan=N- Near	2.02	1.85	104	0.28			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.48	1.85	104	0.79			.	.
		Job_Type= E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	1.35	1.85	104	0.46			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	-1.36	1.85	104	0.46			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	1.52	1.46	104	0.30			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=O-Top	1.07	1.46	104	0.47			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=N-Near	0.73	1.60	104	0.65			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=O-Top	-0.71	1.60	104	0.66			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= .NE7-Torching; Dust_Pan=N-Near	-4.14	1.60	104	0.01			.	.
		Job_Type=E7-Torching; Dust_Pan=O- Top	-4.29	1.60	104	<0.01			.	.
		Job_Type= E7-Torching; Dust_Pan=U- Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type=E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type=E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
Objective 1: Model 8	Intercept	.	5.49	1.29	7	<0.01	.	experiment_number	0.61	464.70
	DUST PAN	N-Near	1.14	1.30	103	0.38	<0.01	Residual	2.52	.
		O-Top	3.84	1.30	103	<0.01			.	.
		U-Under	0.00	.	.	.			.	.
	Job type	E1-Door Replacement	-2.72	1.49	103	0.07	<0.01		.	.
		E2-Trim Soffit Replacement	0.36	1.48	103	0.81			.	.
		E3-Rotopene	-0.60	1.72	103	0.73			.	.
		E4-Heat gun under 1100 degrees	1.86	1.72	103	0.28			.	.
		E5-Dry Scrape	-1.67	1.36	103	0.22			.	.
		E6-Power Sanding	2.53	1.48	103	0.09			.	.
		E7-Torching	2.62	1.54	103	0.09			.	.
		E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	4.90	1.59	103	<0.01	<0.01		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	3.08	1.59	103	0.06			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	3.37	1.59	103	0.04			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	0.39	1.59	103	0.81			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	2.02	1.83	103	0.27			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.48	1.83	103	0.79			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	1.35	1.83	103	0.46			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	-1.36	1.83	103	0.46			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	1.52	1.45	103	0.30			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	1.03	1.45	103	0.48			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	1.59	103	0.65			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-0.71	1.59	103	0.65			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-4.06	1.59	103	0.01			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-4.21	1.59	103	<0.01			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	0.24	0.23	103	0.30	0.30		.	.
Objective 1: Model 9	Intercept	.	4.07	1.47	2	0.11	.	unit_id	0.88	457.40
	DUST PAN	N-Near	3.19	1.55	101	0.04	<0.01	experiment_number	0.01	.
		O-Top	5.43	1.55	101	<0.01		Residual	2.41	.
		U-Under	0.00	.	.	.			.	.
Job type	. E1-Door Replacement		-3.43	1.63	101	0.04	<0.01		.	.
	. E2-Trim Soffit Replacement		0.42	1.58	101	0.79			.	.
	. E3-Rotopene		-1.31	1.32	101	0.32			.	.
	. E4-Heat gun under 1100 degrees		1.15	1.32	101	0.39			.	.
	. E5-Dry Scrape		-2.02	1.51	101	0.18			.	.
	. E6-Power Sanding		2.31	1.59	101	0.15			.	.
	. E7-Torching		0.93	1.70	101	0.59			.	.
	. E8-Heat gun over 1100 degrees		0.00	.	.	.			.	.
Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near		5.93	1.62	101	<0.01	<0.01		.	.

Table N2 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	3.87	1.61	101	0.02			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	4.11	1.59	101	0.01			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	0.92	1.58	101	0.56			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	3.05	1.85	101	0.10			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	0.31	1.85	101	0.87			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	2.38	1.85	101	0.20			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	-0.57	1.85	101	0.76			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	2.38	1.47	101	0.11			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	1.70	1.47	101	0.25			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	1.55	101	0.64			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-0.71	1.55	101	0.65			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-2.11	1.76	101	0.23			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-2.65	1.76	101	0.13			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.



**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	0.95	0.34	101	<0.01	0.10		.	.
	Distance from Wall (feet)*DUST PAN	Near	-1.03	0.45	101	0.02	0.06		.	.
	Distance from Wall (feet)*DUST PAN	Top	-0.80	0.44	101	0.08			.	.
	Distance from Wall (feet)*DUST PAN	Under	0.00	.	.	.			.	.
Objective 1: Model 10	Intercept	.	3.55	1.91	1	0.31	.	unit_id	0.23	451.00
	DUST PAN	N-Near	3.29	1.56	99	0.04	<0.01	experiment_number	0.39	.
		O-Top	5.62	1.56	99	<0.01		Residual	2.39	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-3.69	1.64	99	0.03	0.48		.	.
		. E2-Trim Soffit Replacement	-1.56	2.36	99	0.51			.	.
		. E3-Rotopene	-1.57	1.71	99	0.36			.	.
		. E4-Heat gun under 1100 degrees	0.89	1.71	99	0.61			.	.
		. E5-Dry Scrape	-0.64	2.01	99	0.75			.	.
		. E6-Power Sanding	2.66	2.27	99	0.24			.	.
		. E7-Torching	0.63	2.08	99	0.76			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	5.98	1.61	99	<0.01	<0.01		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	3.97	1.61	99	0.02			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	4.02	1.59	99	0.01			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	0.99	1.58	99	0.53			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	3.10	1.84	99	0.10			.	.
		Job_Type= E3-Rotopene;	0.41	1.84	99	0.82			.	.

Table N2 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Dust_Pan=O-Top								
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	2.43	1.84	99	0.19			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	-0.47	1.84	99	0.80			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	2.42	1.46	99	0.10			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	1.86	1.47	99	0.21			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	0.73	1.55	99	0.64			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-0.71	1.55	99	0.65			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-1.94	1.79	99	0.28			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-2.40	1.79	99	0.18			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	1.21	0.75	99	0.11	0.06		.	.
	Distance from Wall (feet)*DUST PAN	Near	-1.08	0.45	99	0.02	0.05		.	.
		Top	-0.89	0.45	99	0.05			.	.
		Under	0.00	.	.	.			.	.
	Distance from Wall (feet)*Job type	. E1-Door Replacement	0.00	.	.	.	0.24		.	.
		. E2-Trim Soffit Replacement	0.54	0.82	99	0.51			.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		. E3-Rotopene	0.00	.	.	.			.	.
		. E4-Heat gun under 1100 degrees	0.00	.	.	.			.	.
		. E5-Dry Scrape	-0.62	0.71	99	0.38			.	.
		. E6-Power Sanding	-0.13	0.86	99	0.88			.	.
		. E7-Torching	0.00	.	.	.			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
Objective 1: Model 11	Intercept	.	4.83	2.74	1	0.33	.	unit_id	0.24	433.70
	DUST PAN	N-Near	2.41	3.21	94	0.46	<0.01	experiment_number	0.40	.
		O-Top	3.91	2.17	94	0.07		Residual	2.35	.
		U-Under	0.00	.	.	.			.	.
	Job type	. E1-Door Replacement	-3.05	1.91	94	0.11	0.30		.	.
		. E2-Trim Soffit Replacement	-5.51	3.64	94	0.13			.	.
		. E3-Rotopene	-0.93	1.97	94	0.64			.	.
		. E4-Heat gun under 1100 degrees	1.53	1.97	94	0.44			.	.
		. E5-Dry Scrape	-2.28	3.09	94	0.46			.	.
		. E6-Power Sanding	3.02	2.75	94	0.27			.	.
		. E7-Torching	1.91	2.87	94	0.51			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.
	Job type*DUST PAN	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	5.53	2.13	94	0.01	0.11		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	3.11	1.77	94	0.08			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=N-Near	7.71	4.78	94	0.11			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	7.94	3.94	94	0.05			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	2.66	2.31	94	0.25			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	-0.45	1.98	94	0.82			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U- Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	1.99	2.31	94	0.39			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	-1.32	1.98	94	0.50			.	.

Table N2 (Continued)

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	4.44	3.68	94	0.23			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	3.42	2.85	94	0.23			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	-1.60	3.33	94	0.63			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	-0.71	1.53	94	0.64			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	-2.89	3.20	94	0.37			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	-4.04	2.36	94	0.09			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)	.	0.57	1.23	94	0.65	0.06		.	.
	Distance from Wall (feet)*DUST PAN	N-Near	-0.64	1.48	94	0.67	0.05		.	.
		O-Top	-0.04	0.88	94	0.97			.	.
		U-Under	0.00	.	.	.			.	.
	Distance from Wall (feet)* Job type	. E1-Door Replacement	0.00	.	.	.	0.24		.	.
		. E2-Trim Soffit Replacement	2.18	1.49	94	0.15			.	.
		. E3-Rotopene	0.00	.	.	.			.	.
		. E4-Heat gun under 1100 degrees	0.00	.	.	.			.	.
		. E5-Dry Scrape	0.15	1.31	94	0.91			.	.
		. E6-Power Sanding	-0.31	1.15	94	0.79			.	.
		. E7-Torching	0.00	.	.	.			.	.
		. E8-Heat gun over 1100 degrees	0.00	.	.	.			.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
	Distance from Wall (feet)*job_typ*DUST_PA	Job_Type= E1-Door Replacement; Dust_Pan=N-Near	0.00	.	.	.	0.24		.	.
		Job_Type= E1-Door Replacement; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type=E1-Door Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan==N-Near	-1.49	1.93	94	0.44			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=O-Top	-2.82	1.48	94	0.06			.	.
		Job_Type= E2-Trim Soffit Replacement; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E3-Rotopene; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type=E3-Rotopene; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E4-Heat gun under 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type=E4-Heat gun under 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= .UE4-Heat gun under 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=N-Near	-0.85	1.59	94	0.60			.	.
		Job_Type=E5-Dry Scrape; Dust_Pan=O-Top	-0.81	1.07	94	0.45			.	.
		Job_Type= E5-Dry Scrape; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan==N-Near	1.16	1.48	94	0.43			.	.
		Job_Type=E6-Power Sanding; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E6-Power Sanding; Dust_Pan=U-Under	0.00	.	.	.			.	.
		Job_Type=E7-Torching; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E7-Torching; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E7-Torching; Dust_Pan=U-Under	0.00	.	.	.			.	.

**Table N2 (Continued)**

Model Description	Effect	Covariate Level	Estimate	StdErr of Estimate	DF	Estimate p-Value	Overall Effect Significance	CovParms	CovParms Estimate	-2 Log-Likelihood
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=N-Near	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=O-Top	0.00	.	.	.			.	.
		Job_Type= E8-Heat gun over 1100 degrees; Dust_Pan=U-Under	0.00	.	.	.			.	.

## **APPENDIX O**

### **HISTOGRAMS OF RESIDUALS FROM BEST-FITTING MODELS**

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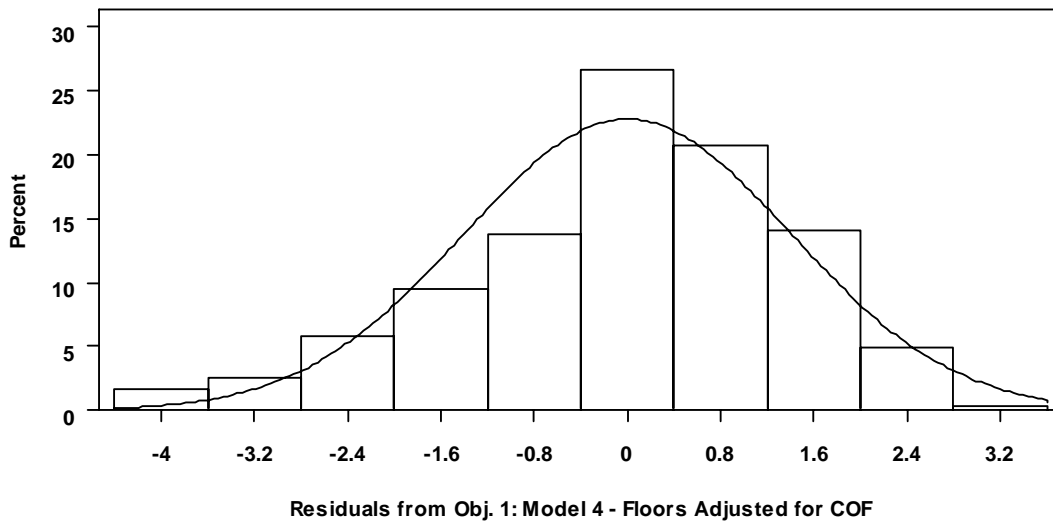
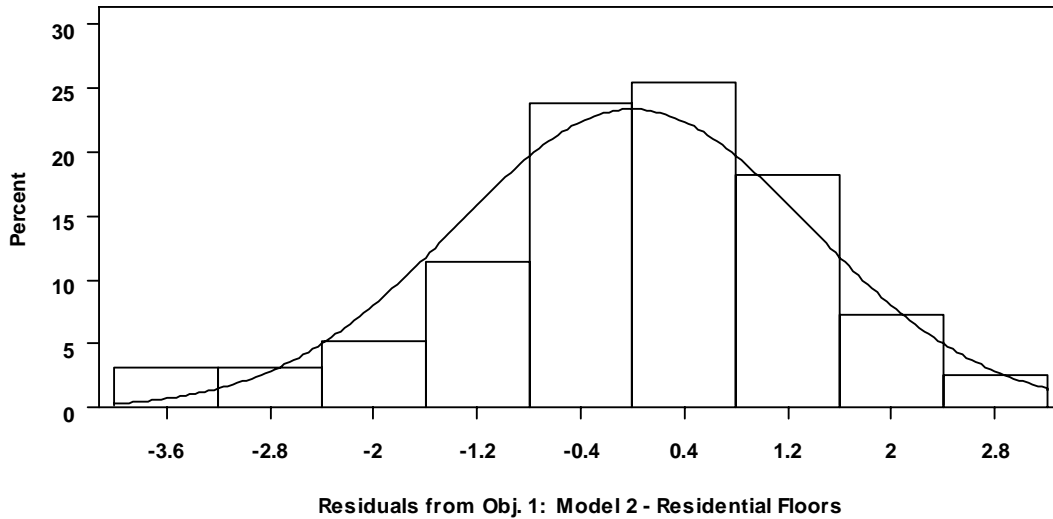


**Validity of the Model Fit for Best Models Selected in Section 7: Validation of Normality Assumption**  
**By Examining Histograms of the Residuals from Model Fit**

**O1. Post-Work Work Room**

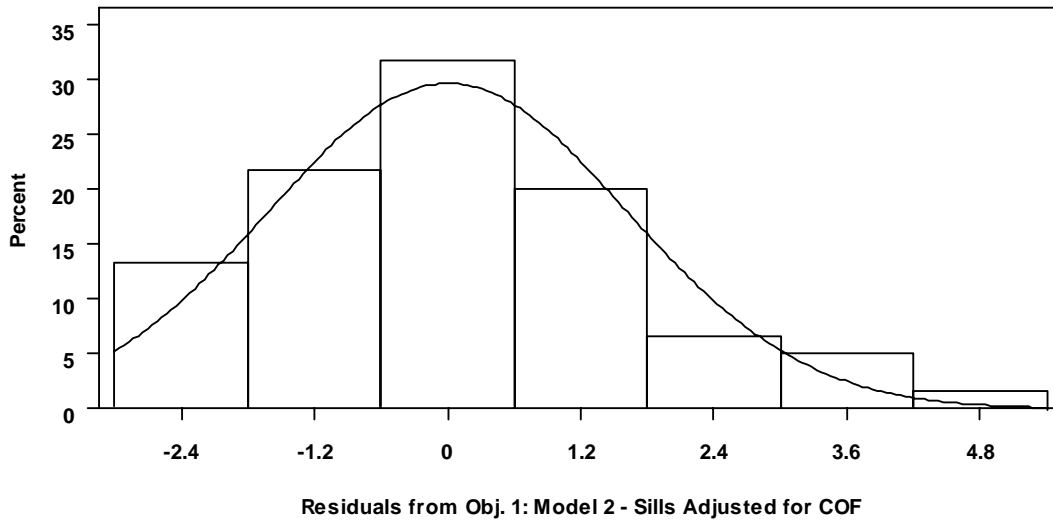
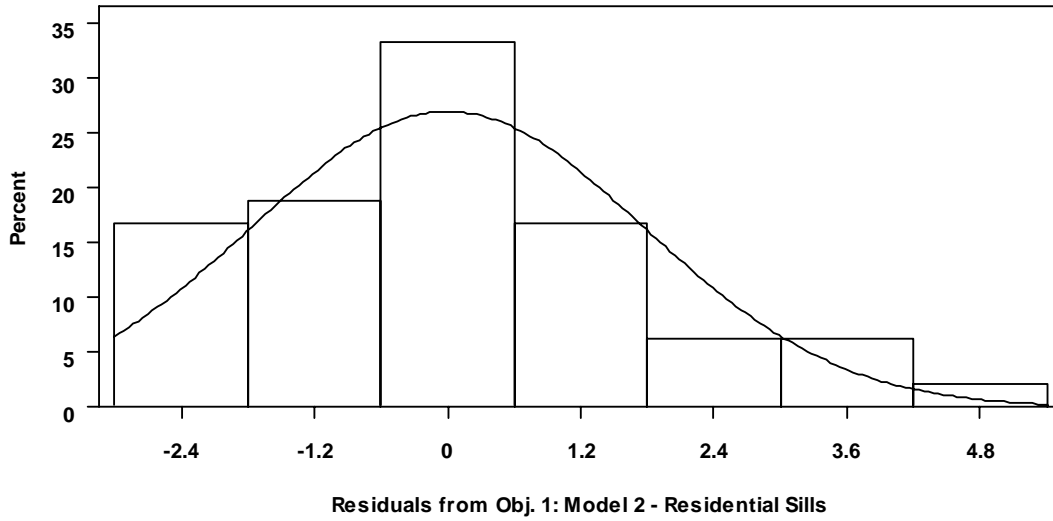
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 1 –Model 2	Job Type
	Combined (adj. for COF)	Obj. 1 –Model 4	COF, Sq. feet disturbed, Avg. paint lead, Job Type

**Floors**



## Window Sills

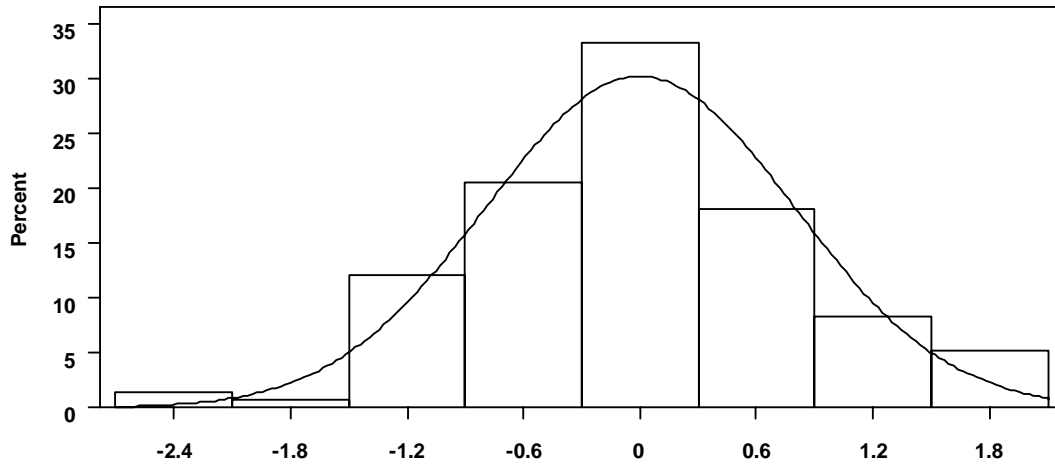
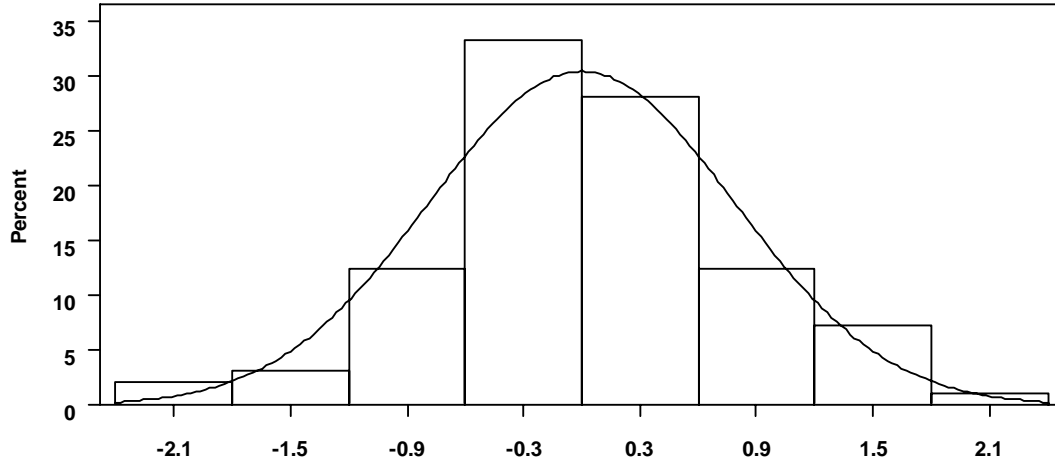
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 1 -Model 2	Job Type
	Combined (adj. for COF)	Obj. 1 -Model 2	COF, Job Type



## O2. Post-Work Tool Room

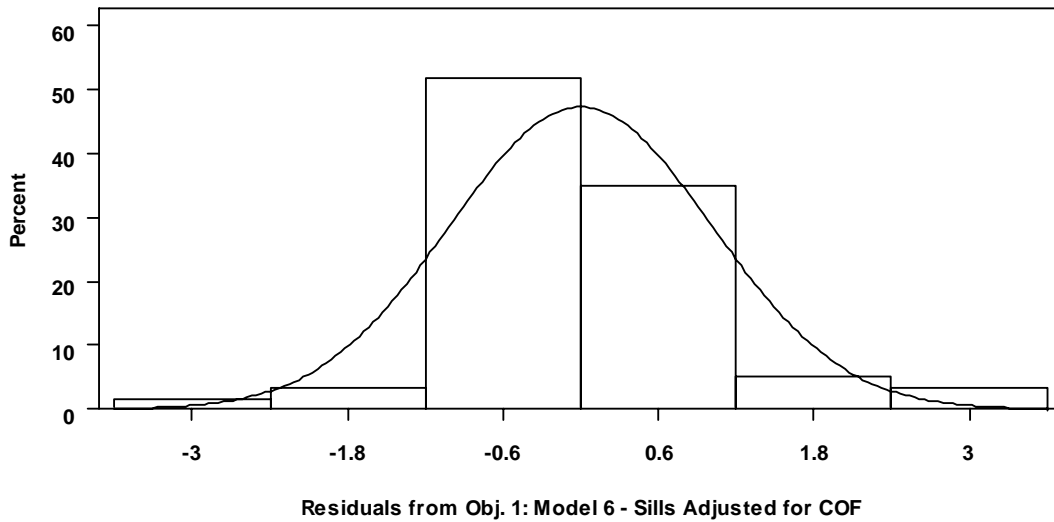
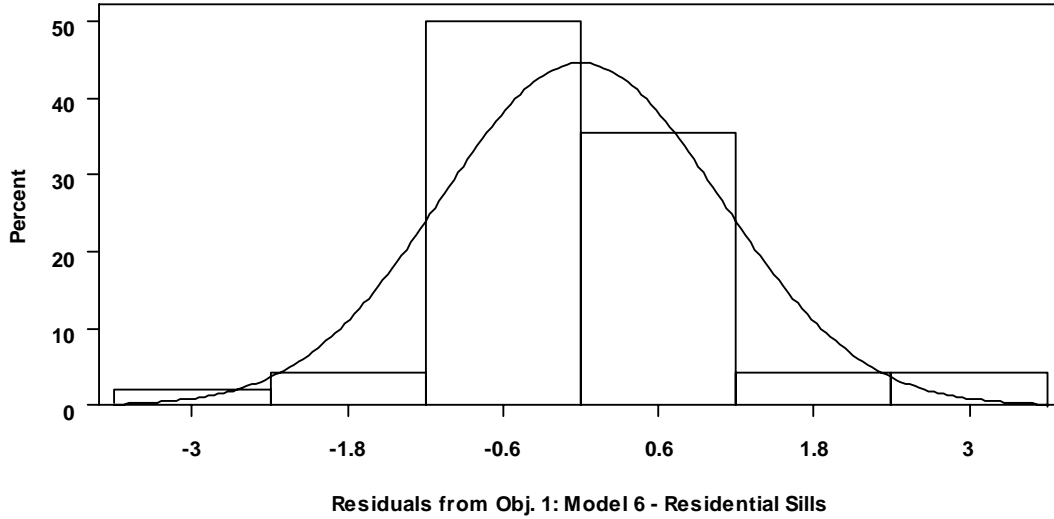
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 1 –Model 6	Job Type
	Combined (adj. for COF)	Obj. 1 –Model 6	COF, Job Type

### Floors



## Window Sills

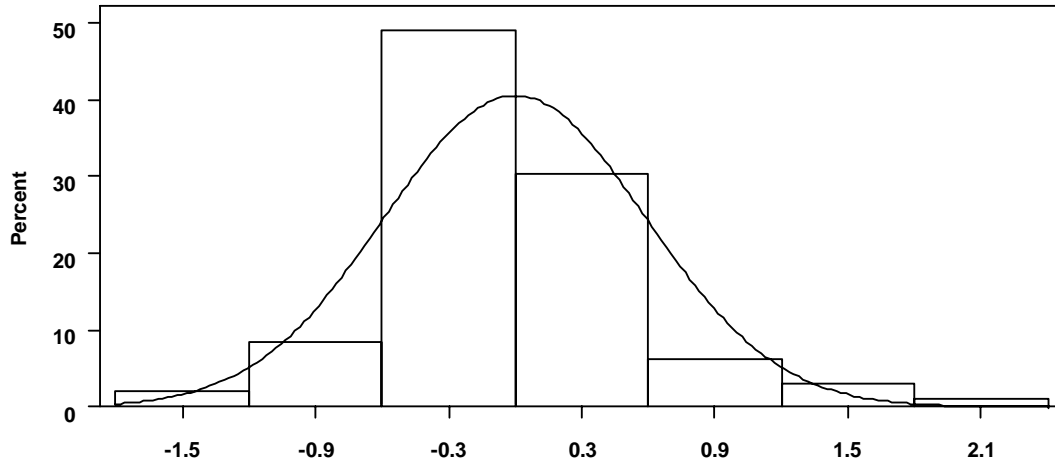
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 1 –Model 6	Job Type
	Combined (adj. for COF)	Obj. 1 –Model 6	COF, Job Type



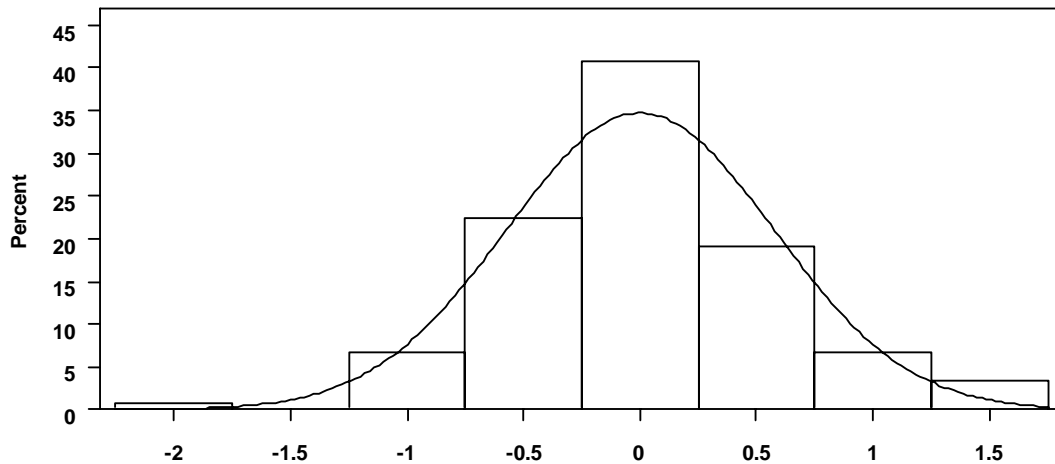
### O3. Post-Work Observation Room

Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 1 – Model 16	Plastic, Job Type
	Combined (adj. for COF)	Obj. 1 – Model 14	COF, Sq. feet disturbed, Avg. paint lead, Job Type

#### Floors



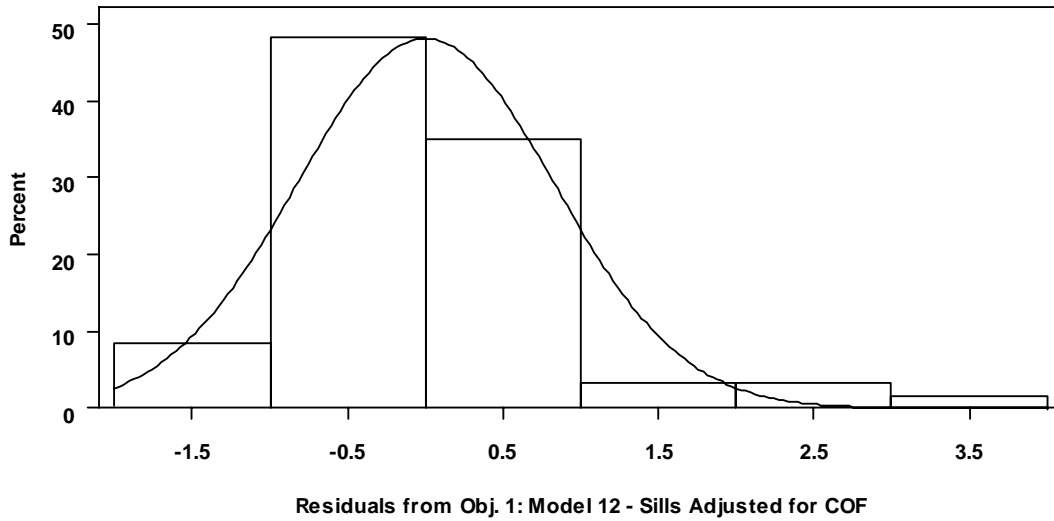
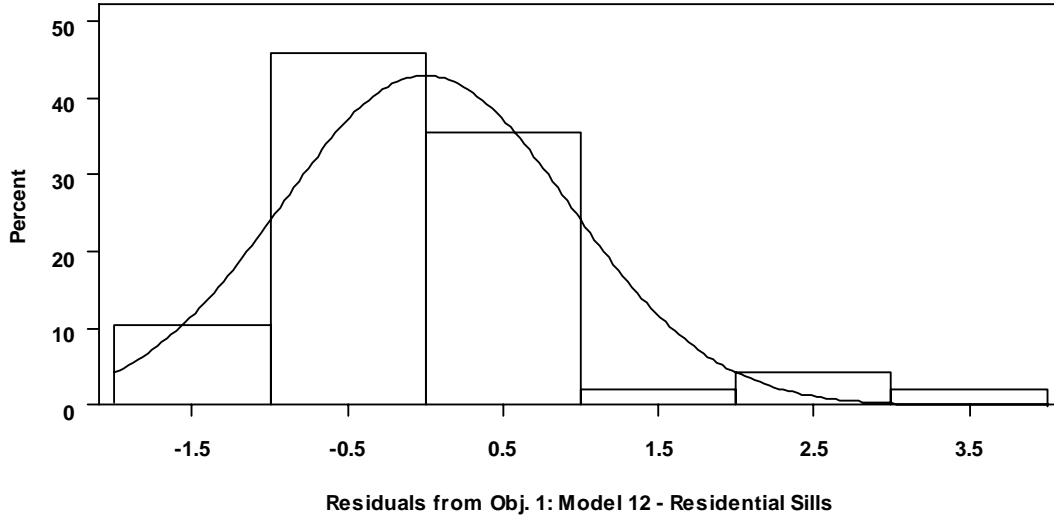
Residuals from Obj. 1: Model 16 - Residential Floors



Residuals from Obj. 1: Model 14 - Floors Adjusted for COF

## Window Sills

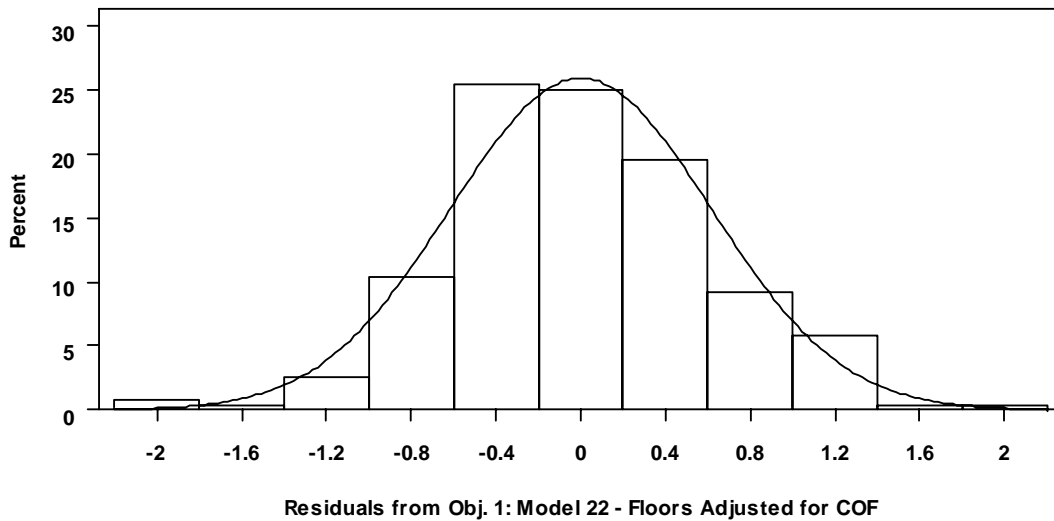
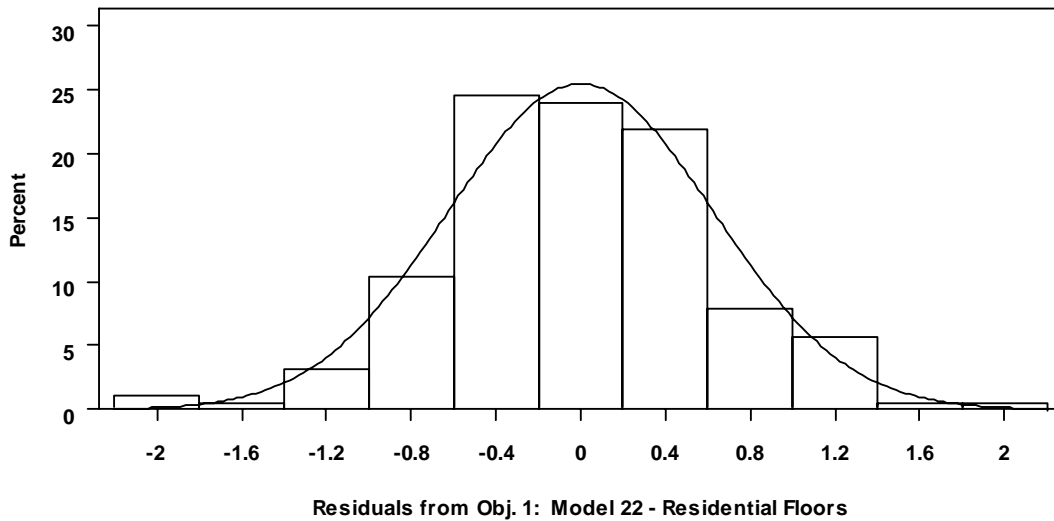
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 1 – Model 12	Job Type
	Combined (adj. for COF)	Obj. 1 – Model 12	COF, Job Type



## O4. Post-Cleaning Work Room

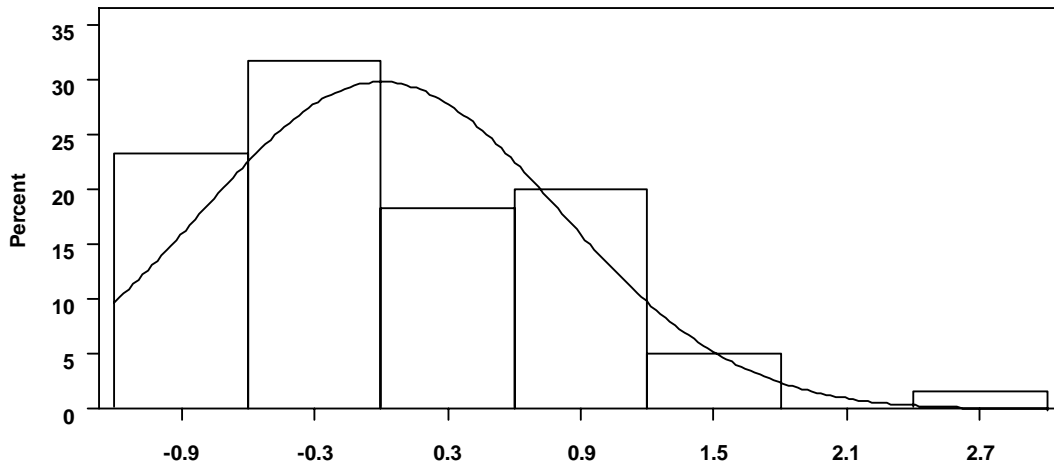
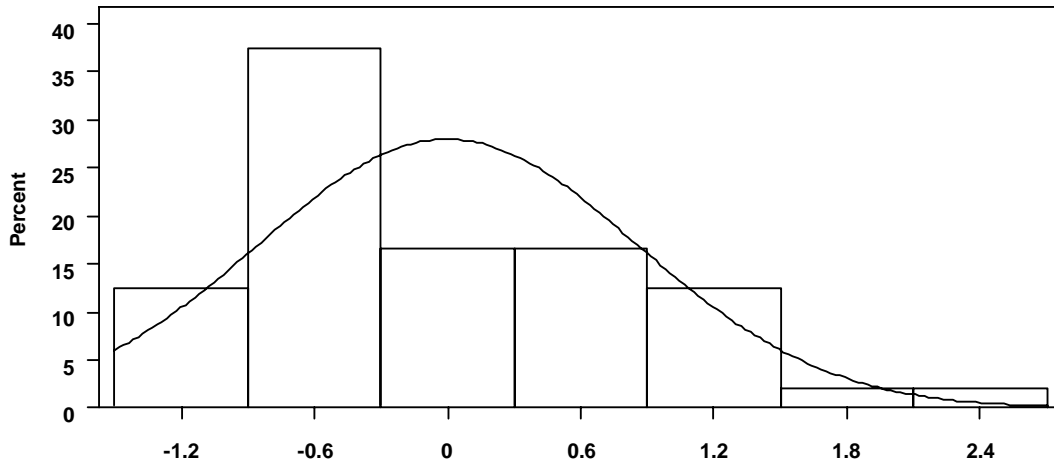
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 1 – Model 22	Avg. paint lead, Clean*Plastic, Job Type
	Combined (adj. for COF)	Obj. 1 – Model 22	COF, Avg. paint lead, Clean*Plastic, Job Type

### Floors



## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 3 – Model 5	Job Type, Cleaning Method, Job Type*Cleaning
	Combined (adj. for COF)	Obj. 3 – Model 5	COF, Job Type, Cleaning Method, Job Type*Cleaning

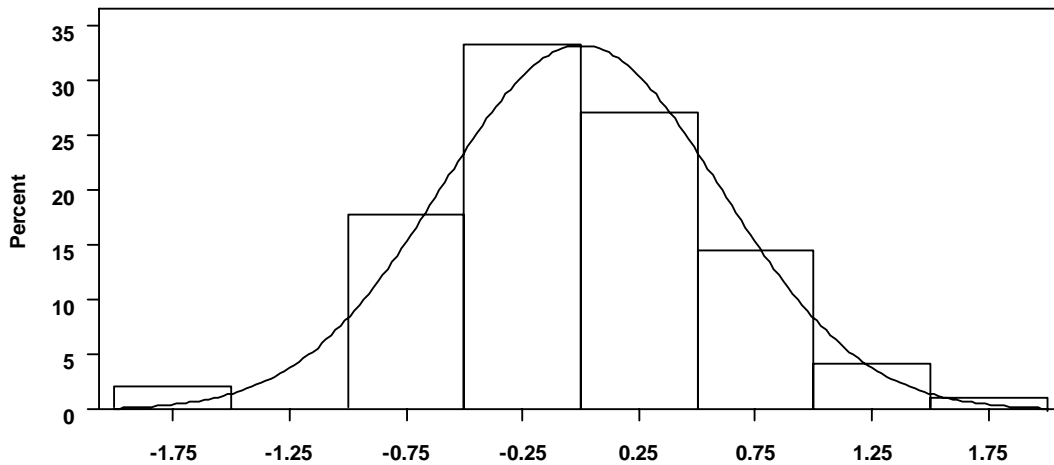




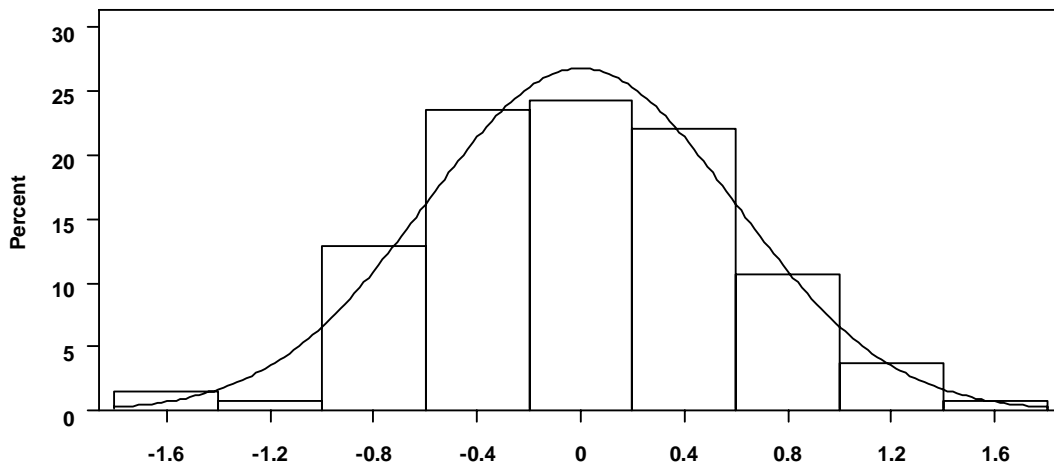
## O5. Post-Cleaning Tool Room

Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 2 – Model 10	Job Type, Plastic, Clean*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 10	COF, Job Type, Plastic, Clean*Plastic

### Floors



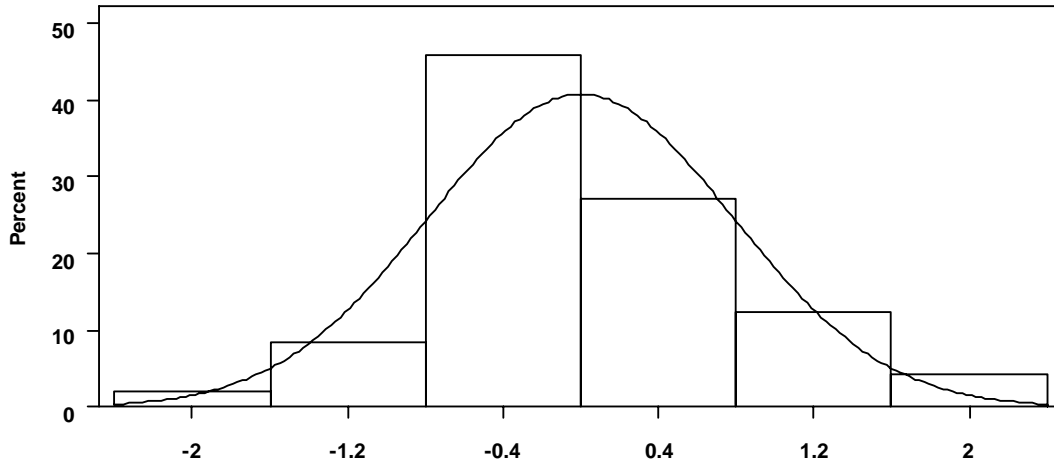
Residuals from Obj. 2: Model 10 - Residential Floors



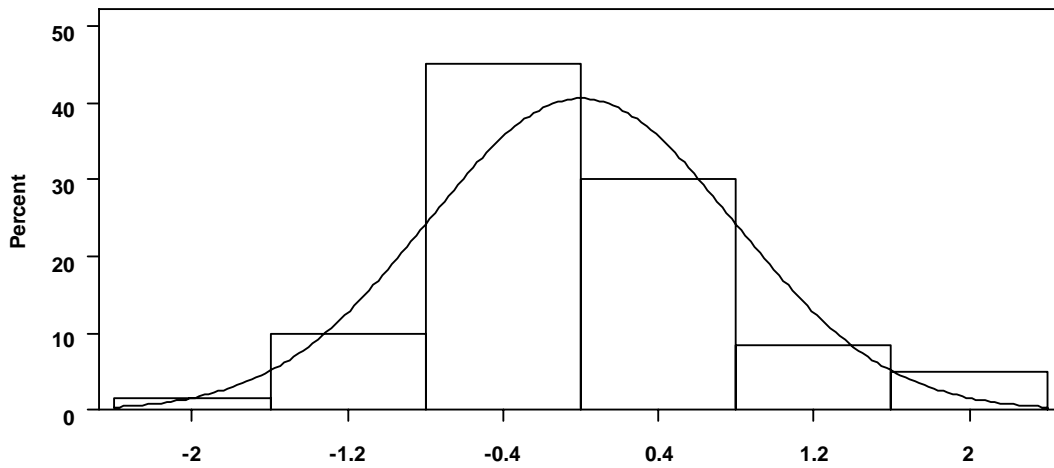
Residuals from Obj. 2: Model 10 - Floors Adjusted for COF

## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 2 – Model 10	Job Type, Plastic, Clean*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 10	COF, Job Type, Plastic, Clean*Plastic



Residuals from Obj. 2: Model 10 - Residential Sills

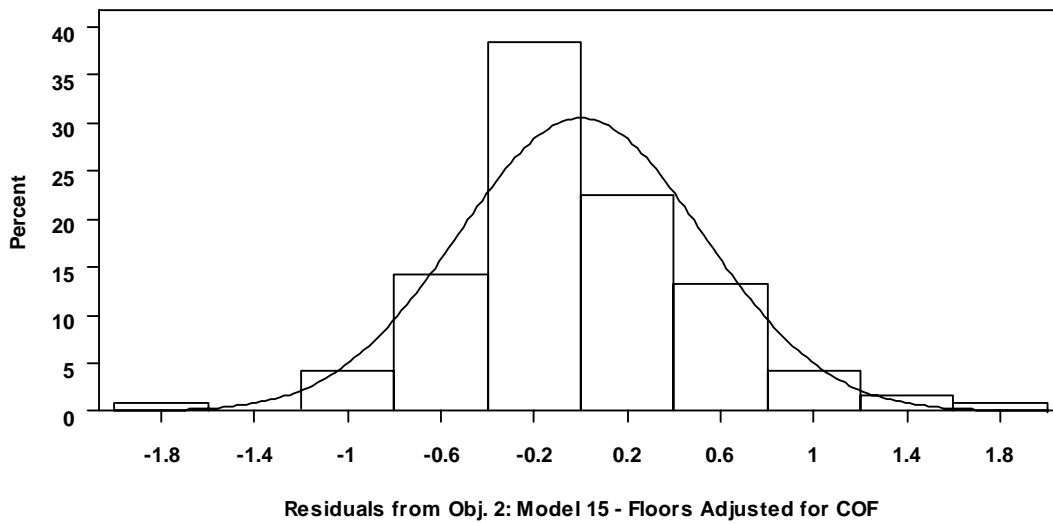
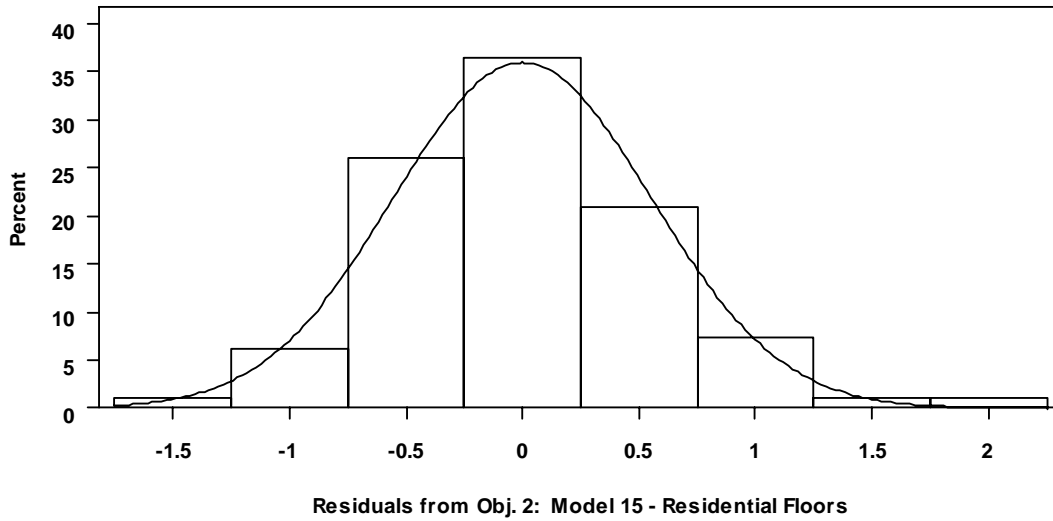


Residuals from Obj. 2: Model 10 - Sills Adjusted for COF

## O6. Post-Cleaning Observation Room

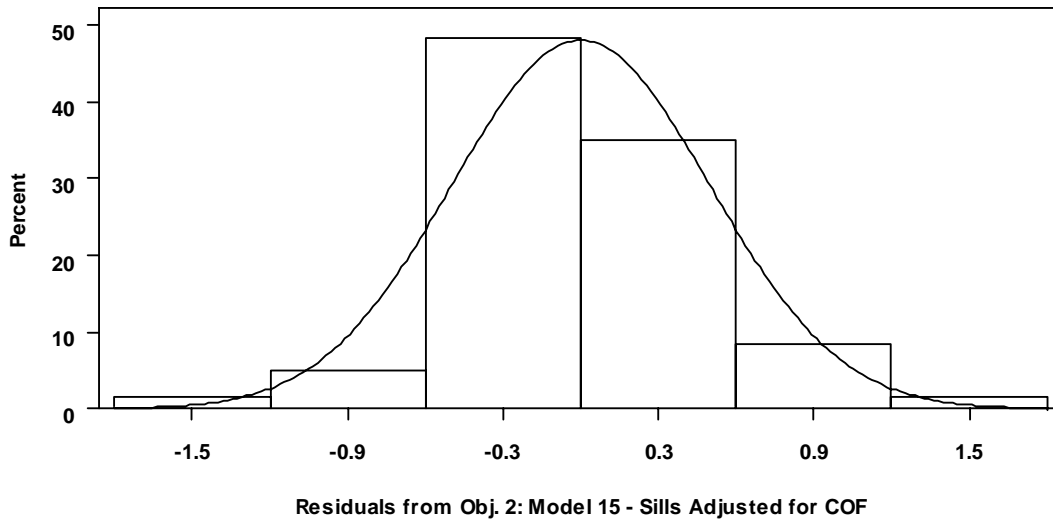
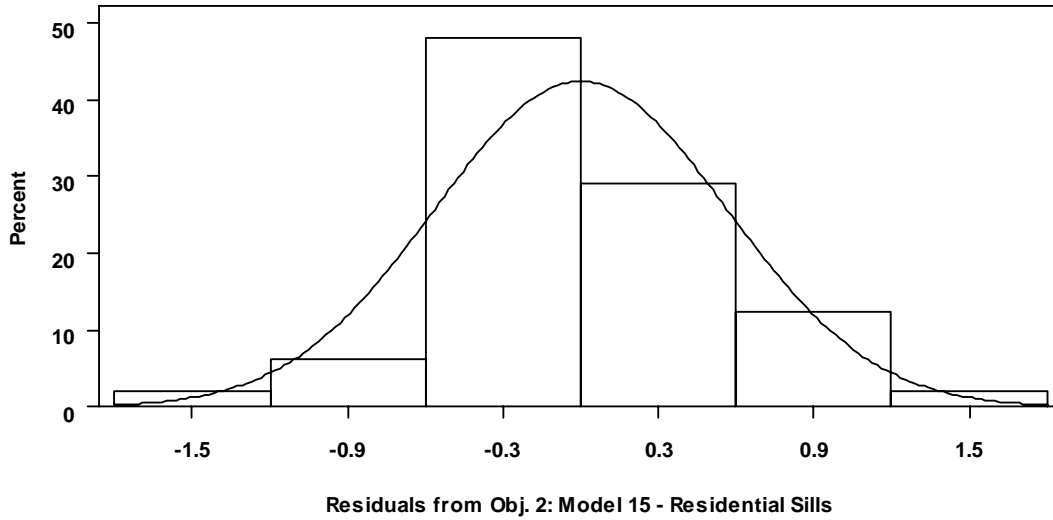
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 2 – Model 15	Job Type, Plastic, Job Type*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 15	COF, Job Type, Plastic, Job Type*Plastic

### Floors



## Window Sills

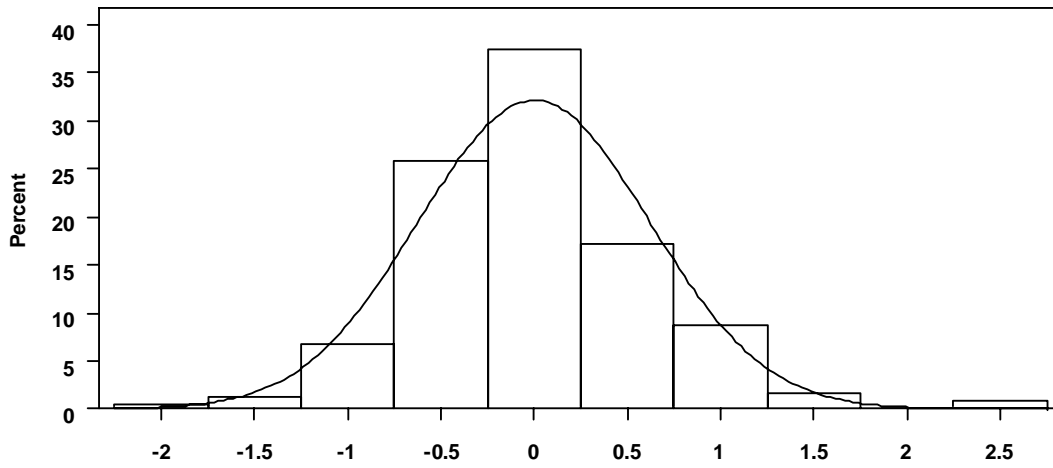
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 2 – Model 15	Job Type, Plastic, Job Type*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 15	COF, Job Type, Plastic, Job Type*Plastic



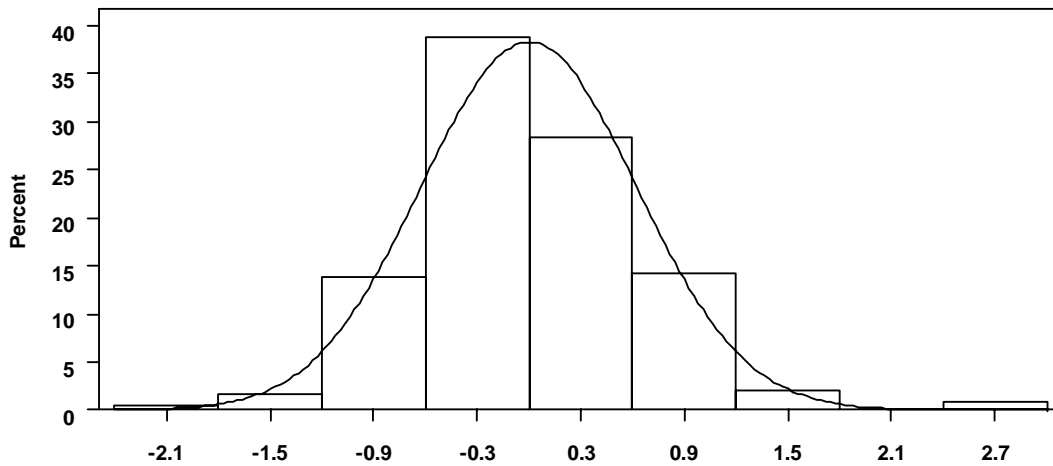
## **O7. Post-Verification Work Room**

<b>Component</b>	<b>Dataset</b>	<b>Best Model</b>	<b>Parameters</b>
Floor	Residential	Obj. 3 – Model 20	Job Type, Clean, Job Type*Clean
	Combined (adj. for COF)	Obj. 1 – Model 40	COF, Avg. paint lead, Clean*Plastic, Job type

### **Floors**



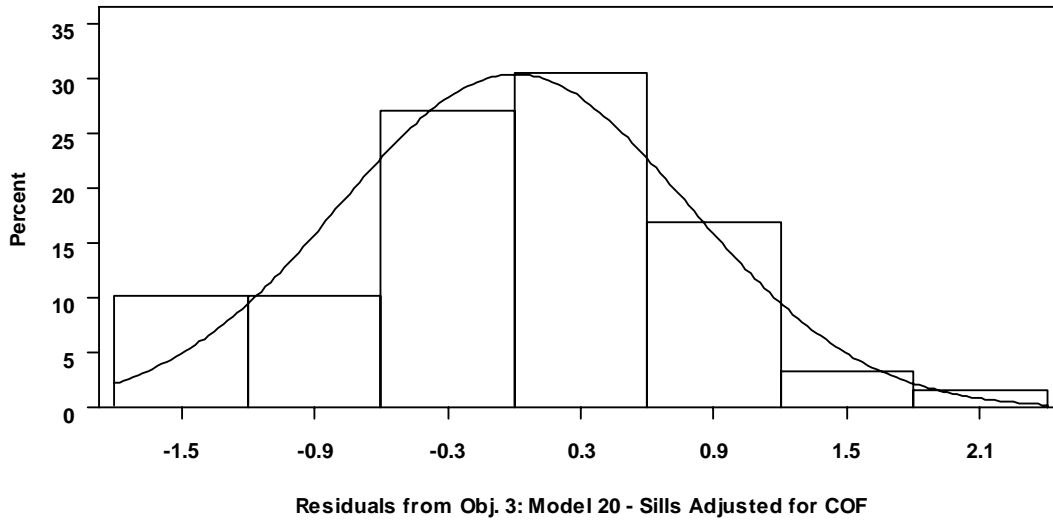
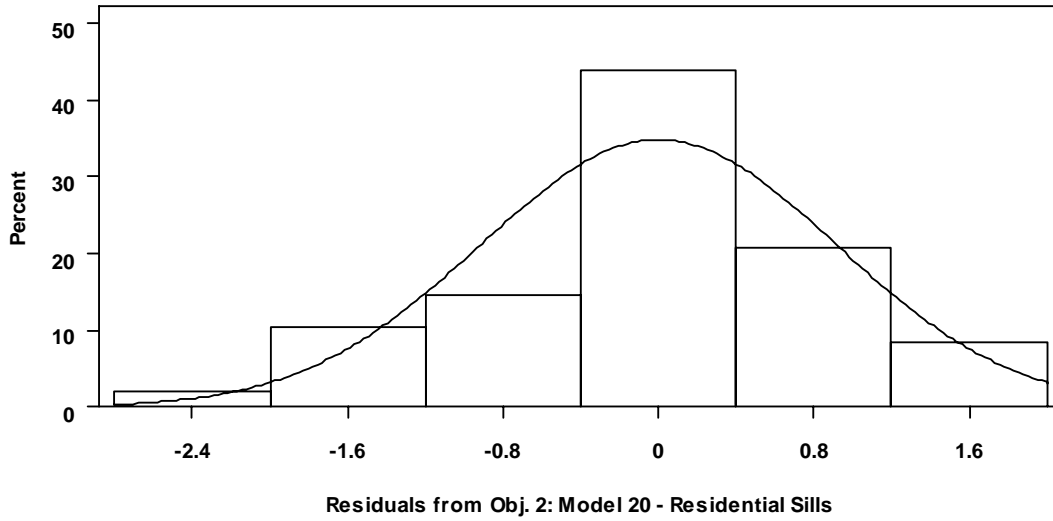
Residuals from Obj. 3: Model 20 - Floors Adjusted for COF



Residuals from Obj. 1: Model 40 - Floors Adjusted for COF

## Window Sills

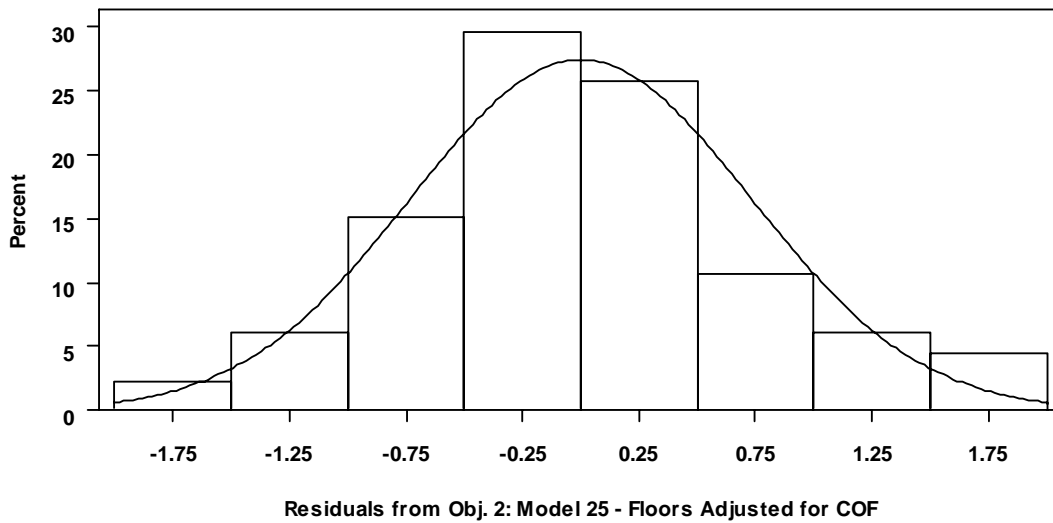
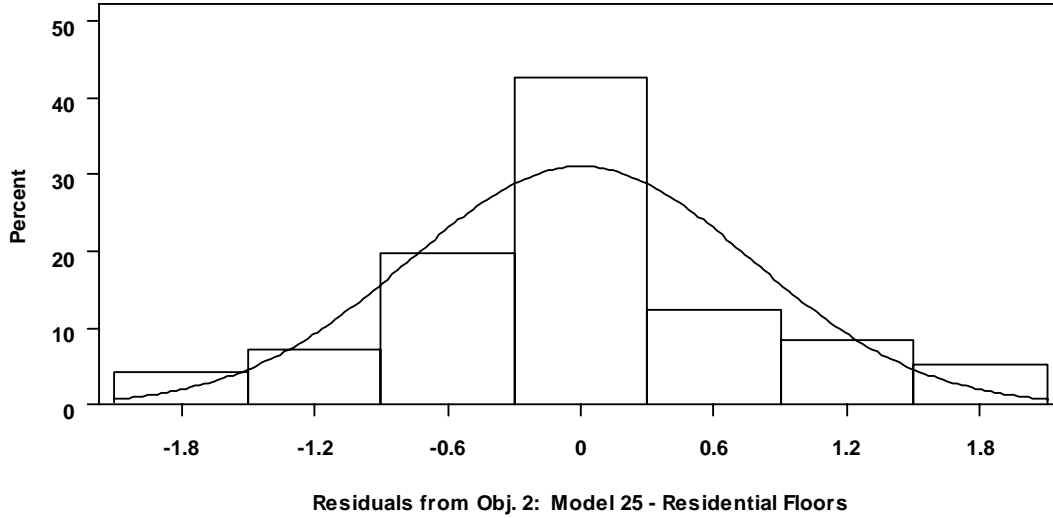
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 2 – Model 20	Job Type, Plastic, Job Type*Plastic
	Combined (adj. for COF)	Obj. 3 – Model 20	COF, Job Type, Clean, Job Type*Clean



## O8. Post-Verification Tool Room

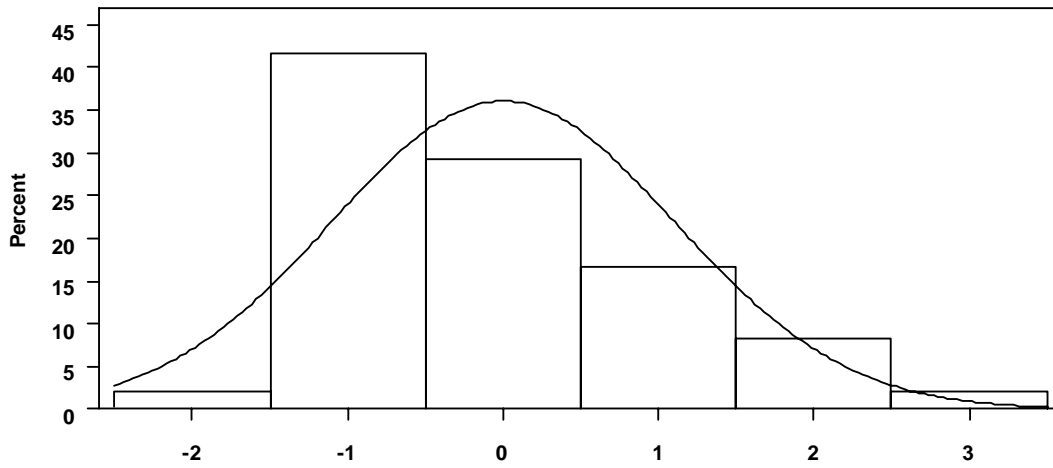
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 2 – Model 25	Job Type, Plastic, Job Type*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 25	COF, Job Type, Plastic, Job Type*Plastic

### Floors

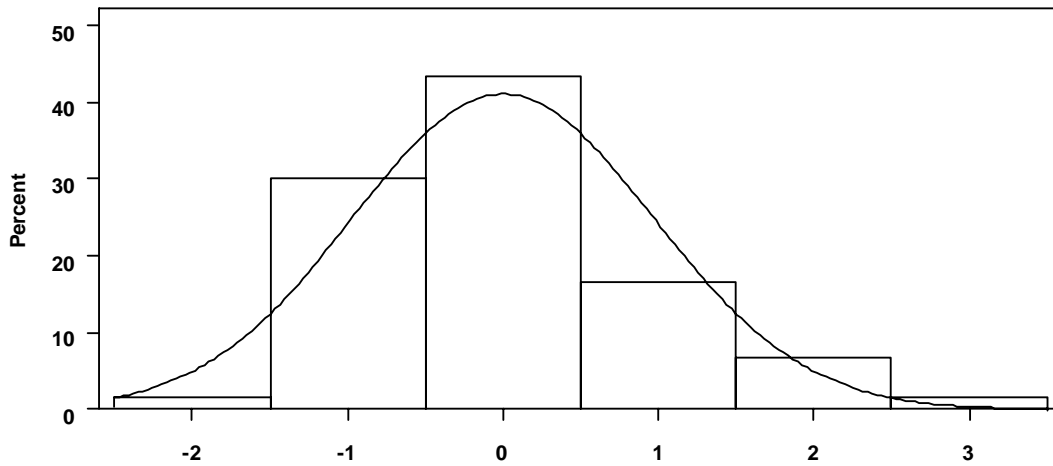


## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 3 – Model 25	Job Type, Plastic, Job Type*Plastic
	Combined (adj. for COF)	Obj. 3 – Model 25	COF, Job Type, Plastic, Job Type*Plastic



Residuals from Obj. 3: Model 25 - Residential Sills



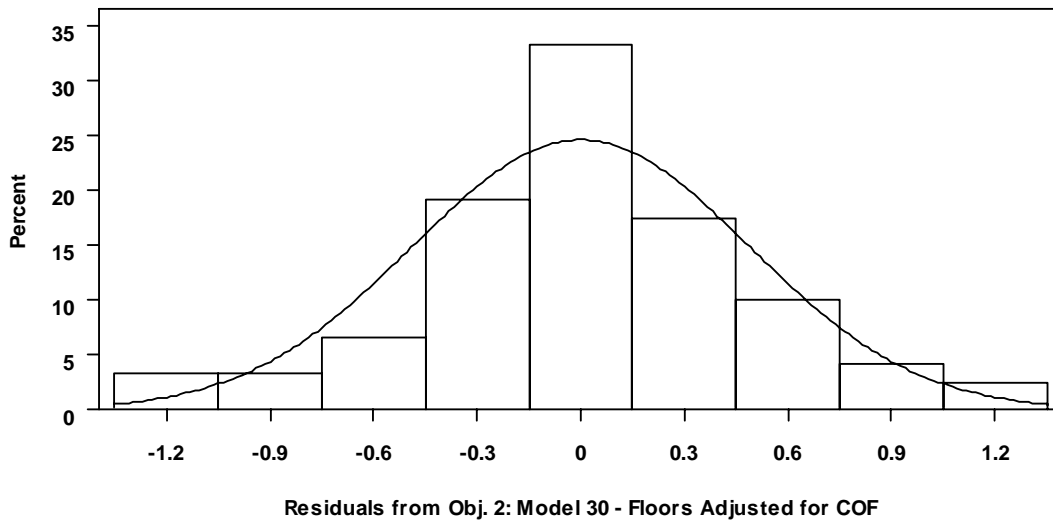
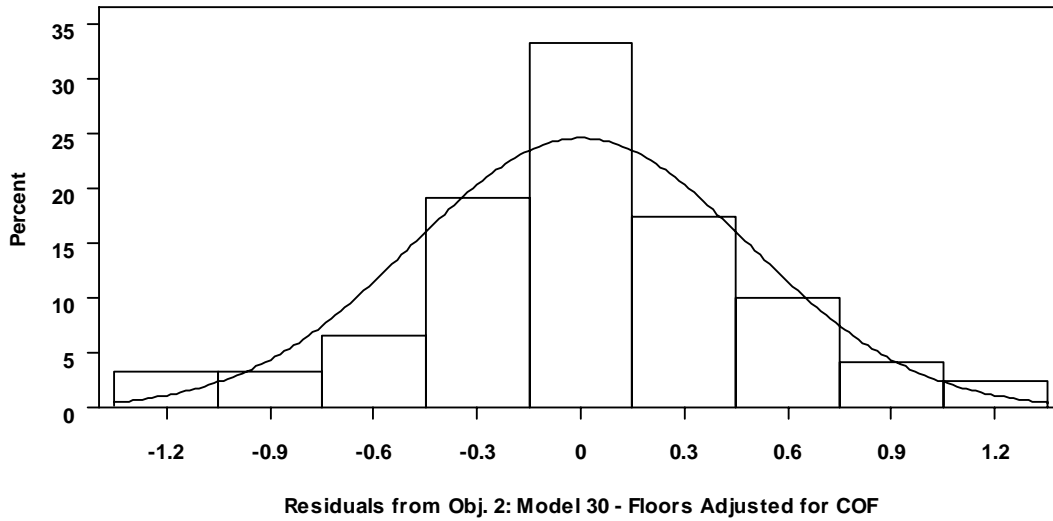
Residuals from Obj. 3: Model 25 - Sills Adjusted for COF



## O9. Post-Verification Observation Room

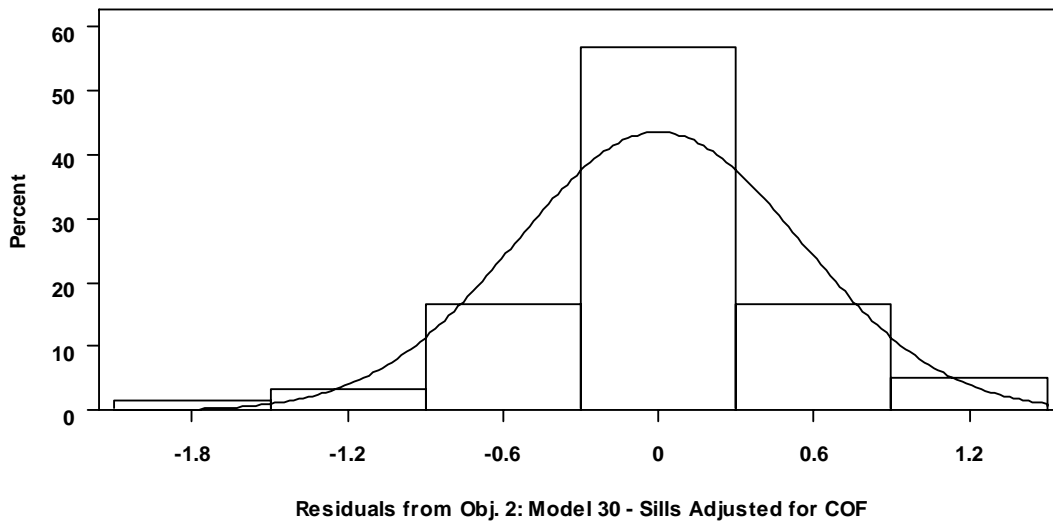
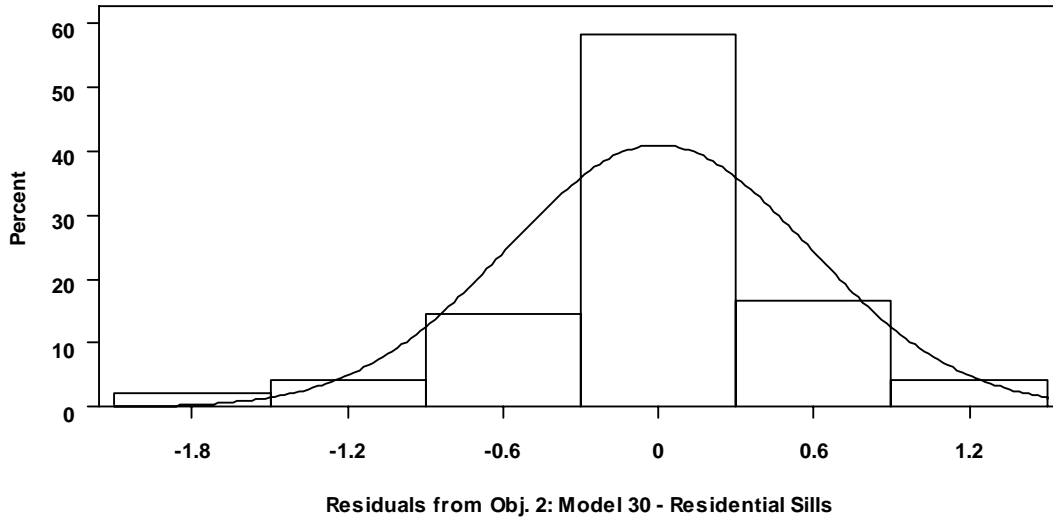
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. 2 – Model 30	Job Type, Plastic, Job type*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 30	COF, Job Type, Plastic, Job type*Plastic

### Floors



## Window Sills

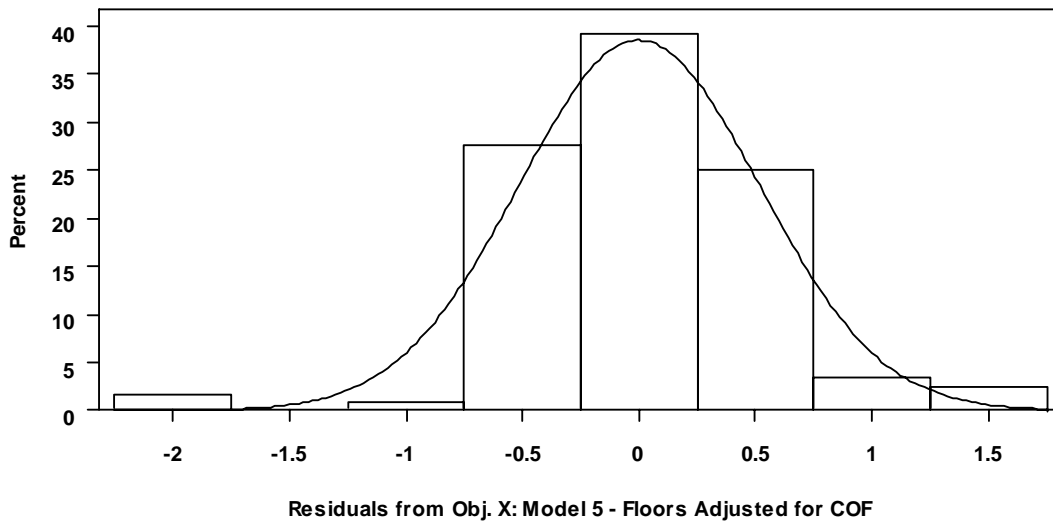
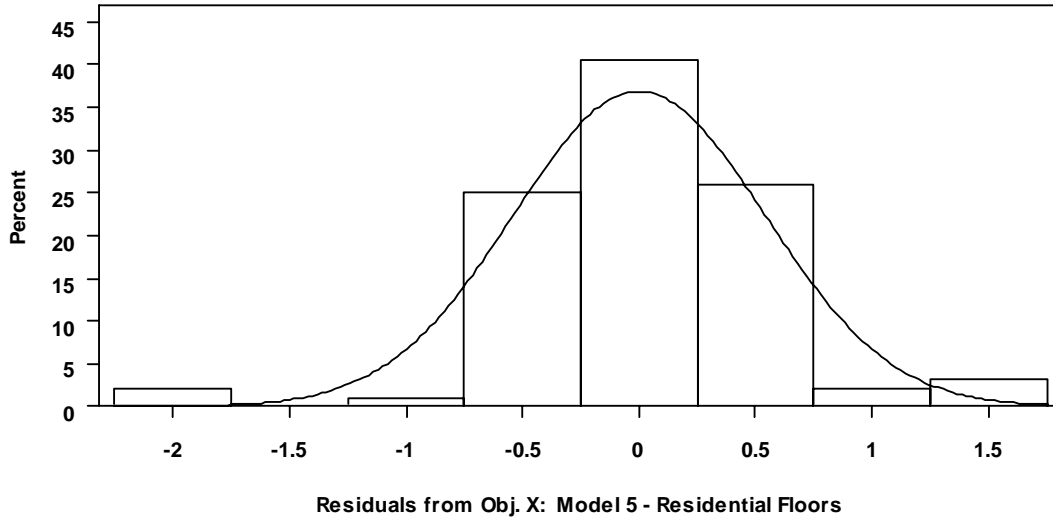
Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. 2 – Model 30	Job Type, Plastic, Job type*Plastic
	Combined (adj. for COF)	Obj. 2 – Model 30	COF, Job Type, Plastic, Job type*Plastic



## O10. Rule vs. No Rule Work Room

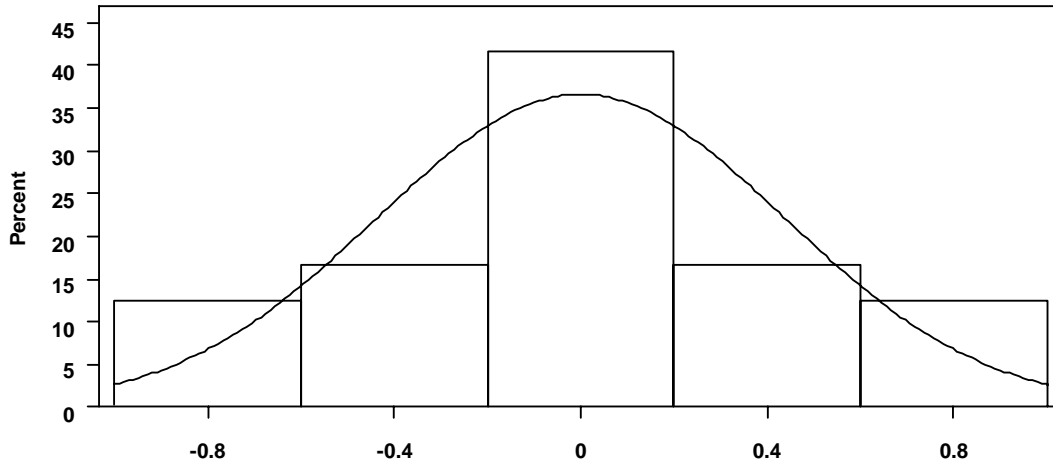
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. X – Model 5	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 5	COF, Job Type, Rule, Rule* Job type

### Floors

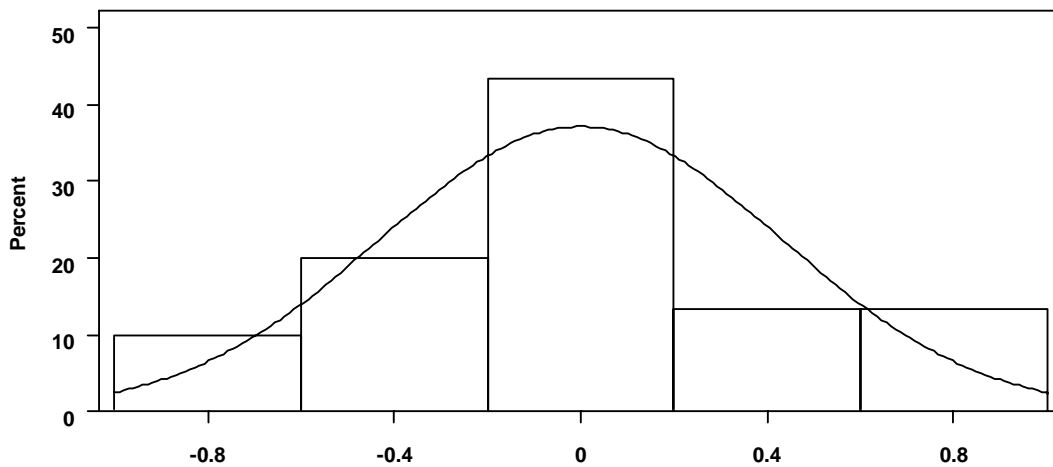


## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. X – Model 5	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 5	COF, Job Type, Rule, Rule* Job type



Residuals from Obj. X: Model 5 - Residential Sills

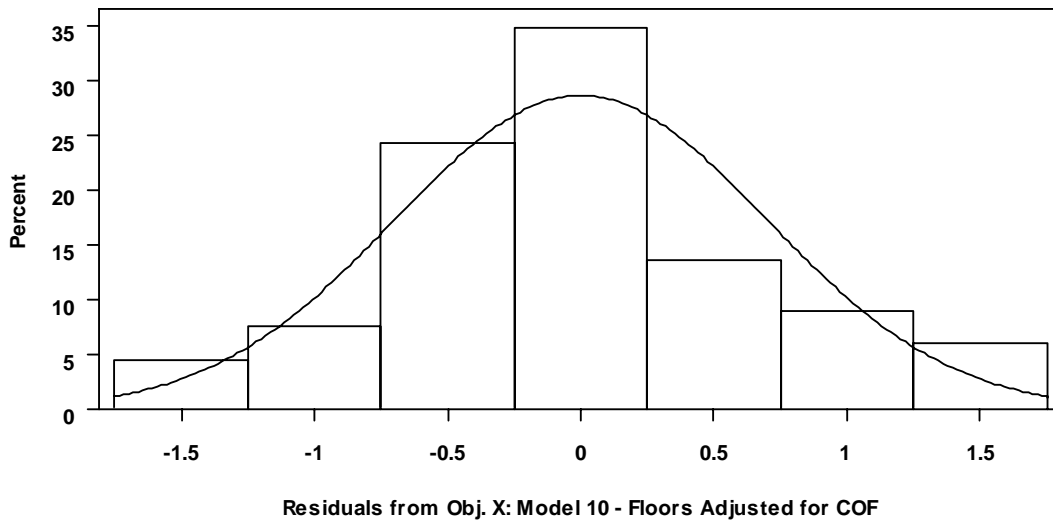
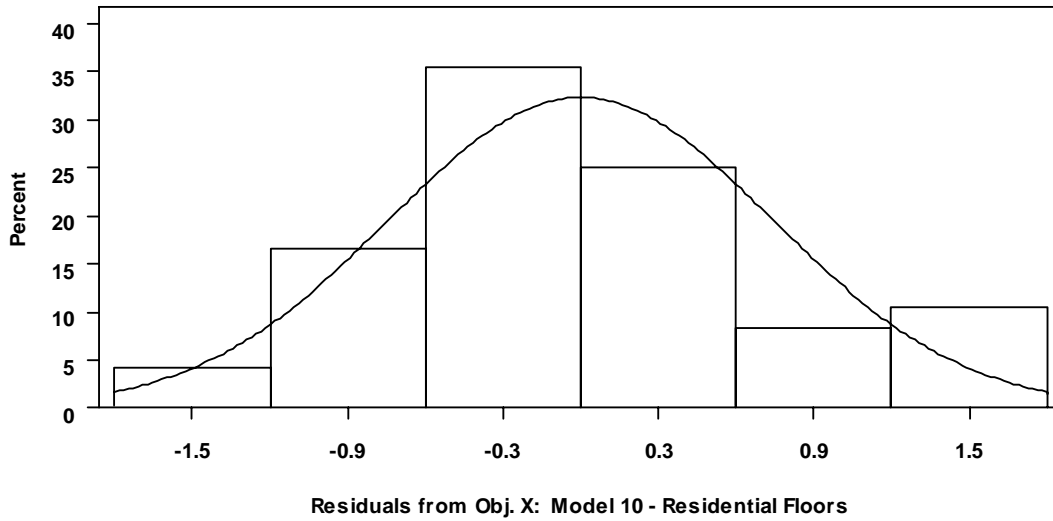


Residuals from Obj. X: Model 5 - Sills Adjusted for COF

## O11. Rule vs. No Rule Tool Room

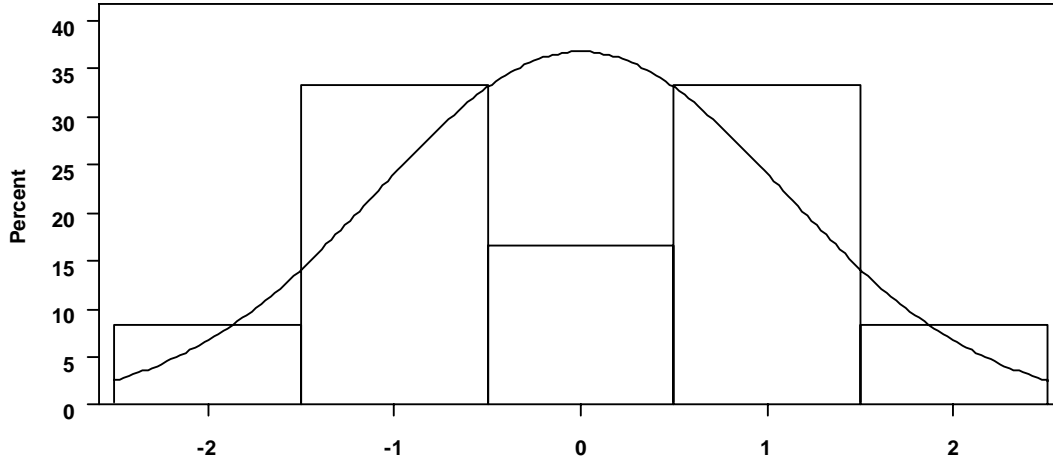
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. X – Model 10	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 10	COF, Job Type, Rule, Rule* Job type

### Floors

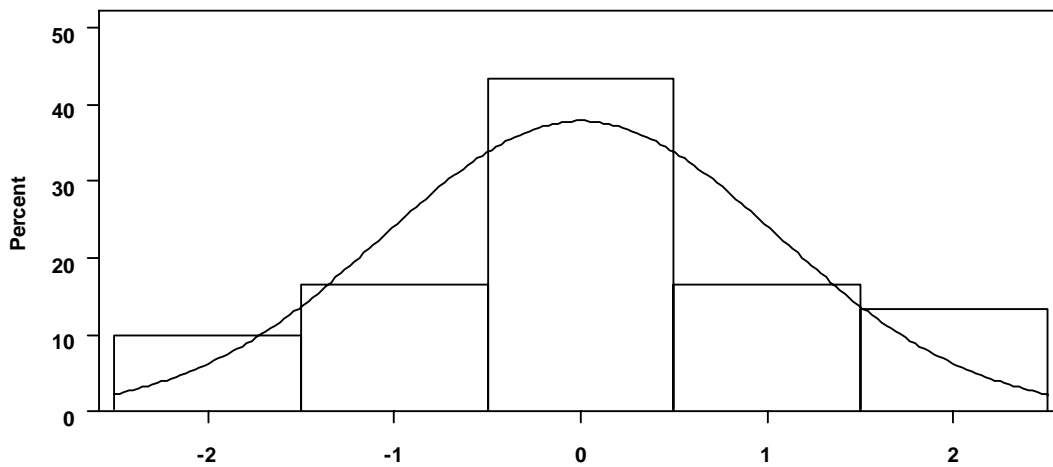


## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. X – Model 10	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 10	COF, Job Type, Rule, Rule* Job type



Residuals from Obj. X: Model 10 - Residential Sills

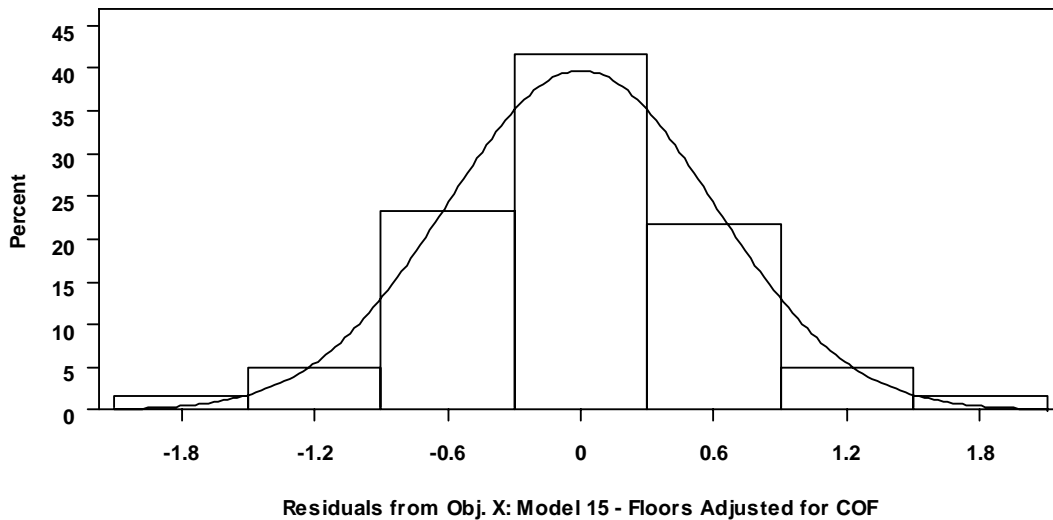
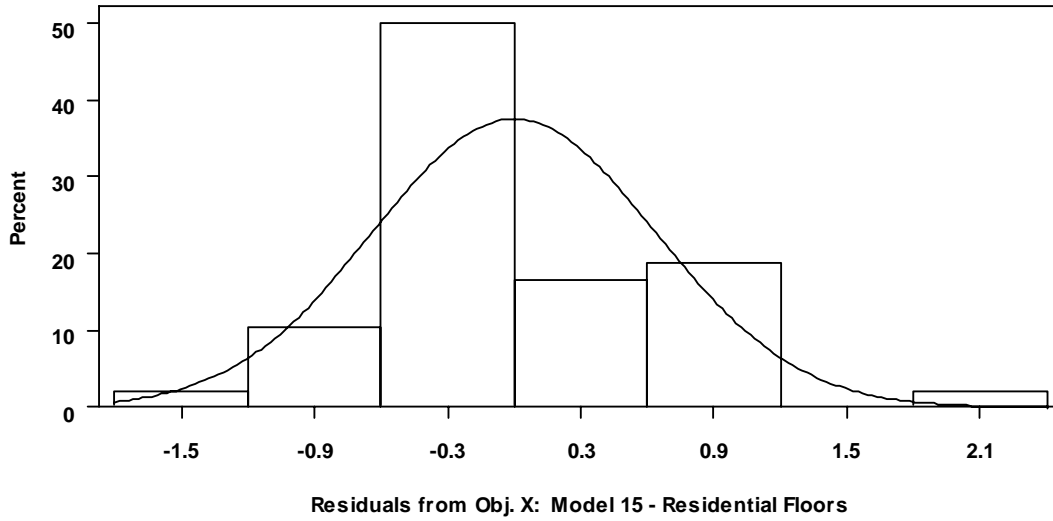


Residuals from Obj. X: Model 10 - Sills Adjusted for COF

## O12. Rule vs. No Rule Observation Room

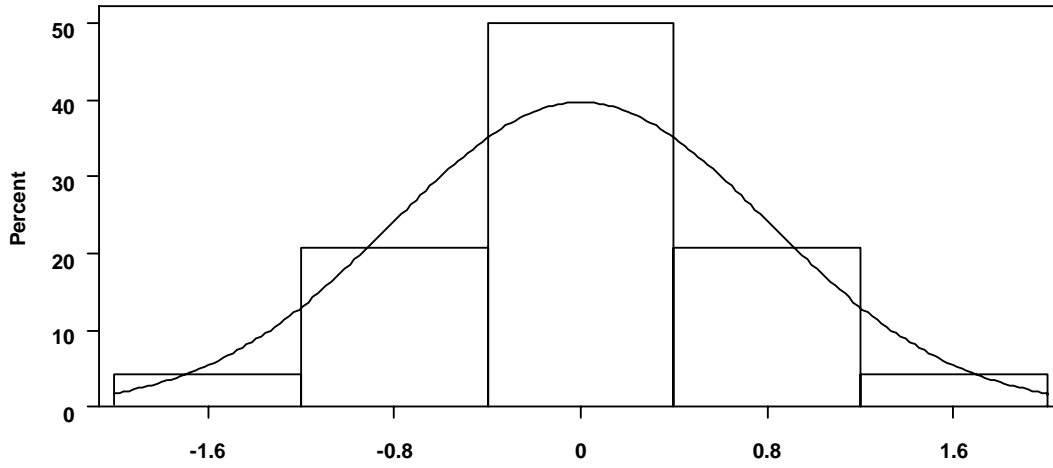
Component	Dataset	Best Model	Parameters
Floor	Residential	Obj. X – Model 15	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 15	COF, Job Type, Rule, Rule* Job type

### Floors

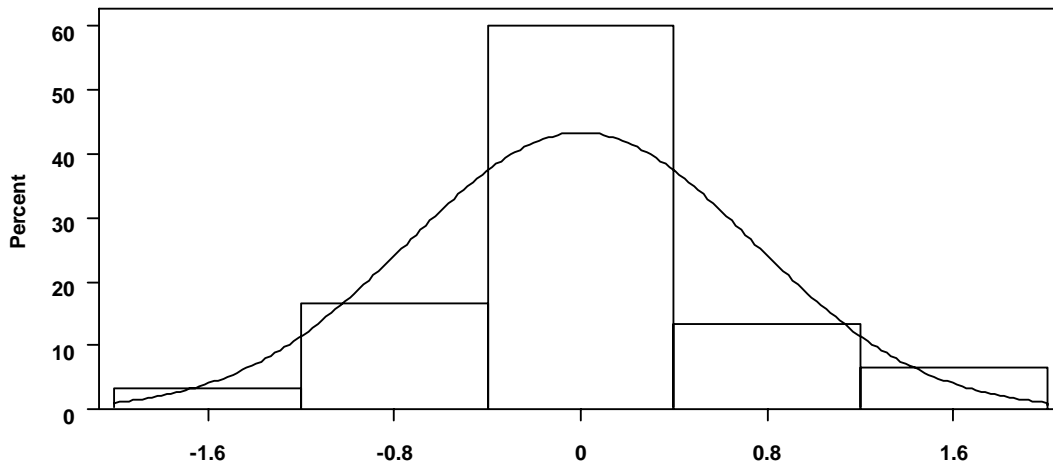


## Window Sills

Component	Dataset	Best Model	Parameters
Window Sills	Residential	Obj. X – Model 15	Job Type, Rule, Rule* Job type
	Combined (adj. for COF)	Obj. X – Model 15	COF, Job Type, Rule, Rule* Job type



Residuals from Obj. X: Model 15 - Residential Sills



Residuals from Obj. X: Model 15 - Sills Adjusted for COF