

ASSAY: AEID2494 (NHEERL\_MEA\_dev\_firing\_rate\_mean\_dn)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36467640

HILL MODEL (in red):

	tp	ga	gw
val:	93.8	1.62	8
sd:	15.4	1.87	101

GAIN-LOSS MODEL (in blue):

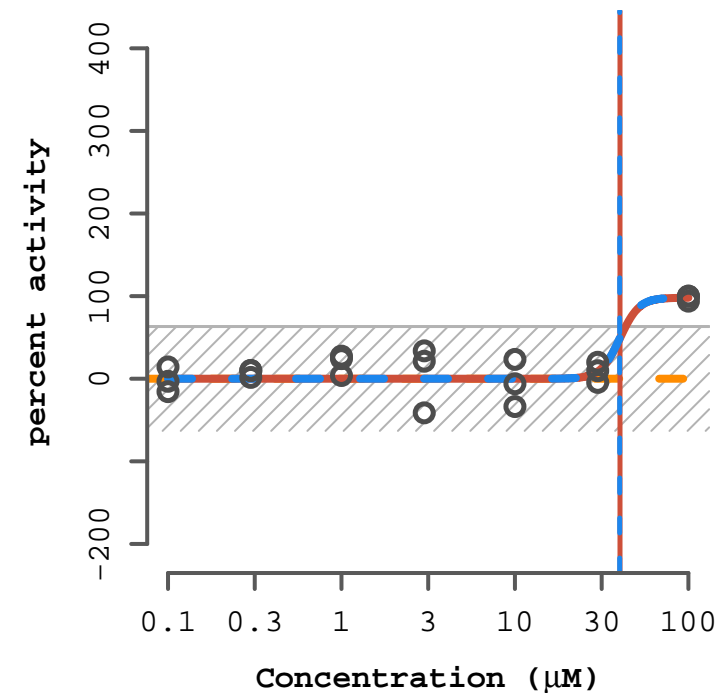
	tp	ga	gw	la	lw
val:	93.8	1.62	7.99	3.31	7.22
sd:	14.4	1.62	87.2	120000	665000

	CNST	<b>HILL</b>	GNLS
AIC:	216.76	<b>199.37</b>	203.37
PROB:	0	<b>0.88</b>	0.12
RMSE:	41.89	<b>22.5</b>	22.5

MAX\_MEAN: 93.3      MAX\_MED: 100      BMAD: 20.6

COFF: 61.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 6



ASSAY: AEID2496 (NHEERL\_MEA\_dev\_burst\_rate\_dn)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36468078

HILL MODEL (in red):

	tp	ga	gw
val:	98.1	1.61	7.89
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

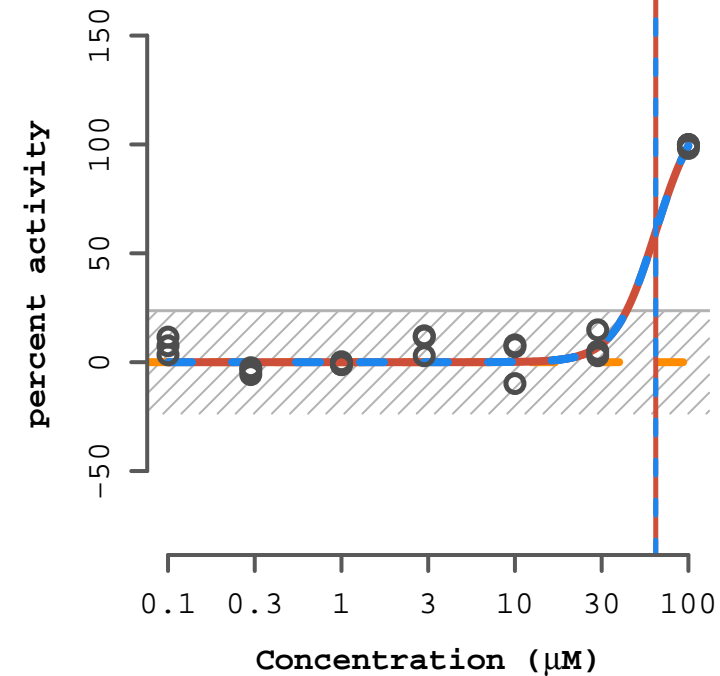
	tp	ga	gw	la	lw
val:	98.1	1.6	8	3.31	13.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	214.72	191.67	195.67
PROB:	0	0.88	0.12
RMSE:	41.62	18.72	18.72

MAX\_MEAN: 98 MAX\_MED: 100 BMAD: 21.1

COFF: 63.2 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2498 (NHEERL\_MEA\_dev\_active\_electrodes\_num)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36468583

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.81	3.63
sd:	210	0.848	7.22

GAIN-LOSS MODEL (in blue):

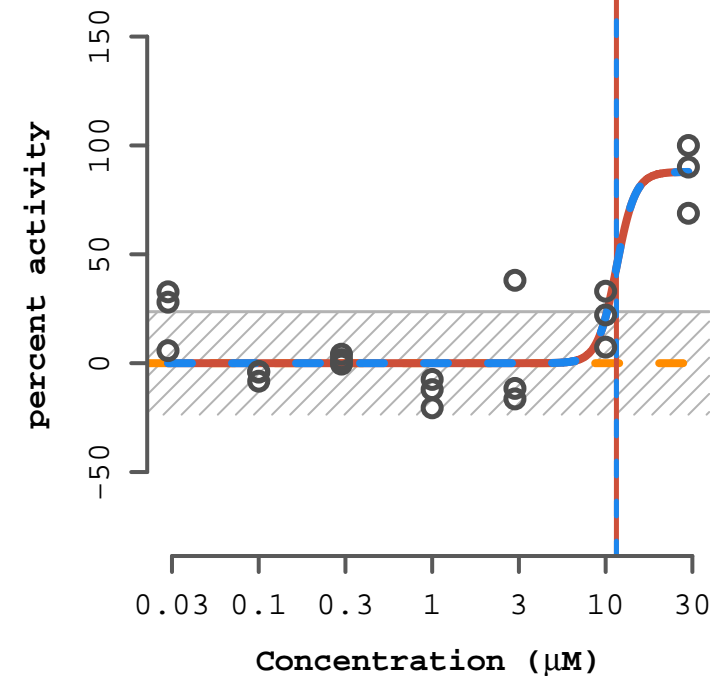
	tp	ga	gw	la	lw
val:	120	1.81	3.63	3.39	17.8
sd:	NA	NA	NA	NA	NA

	CNST	<b>HILL</b>	GNLS
AIC:	198.99	<b>146.67</b>	150.67
PROB:	0	<b>0.88</b>	0.12
RMSE:	38.2	<b>6.32</b>	6.32

MAX\_MEAN: 99.4      MAX\_MED: 100      BMAD: 7.88

COFF: 23.6      HIT-CALL: 1      FITC: 42      ACTP: 1

FLAGS: 6



ASSAY: AEID2498 (NHEERL\_MEA\_dev\_active\_electrodes\_num)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36468612

HILL MODEL (in red):

	tp	ga	gw
val:	87.9	1.06	8
sd:	9.73	0.697	89.2

GAIN-LOSS MODEL (in blue):

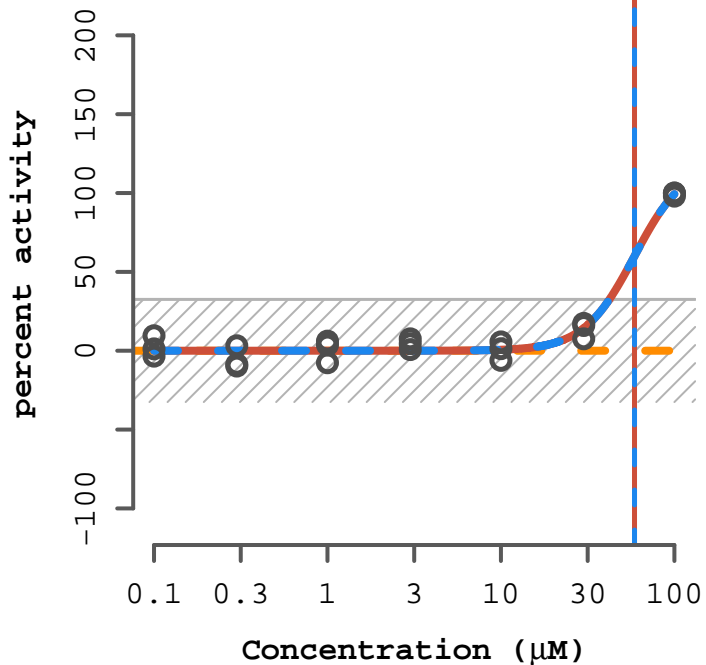
	tp	ga	gw	la	lw
val:	87.9	1.06	8	2.44	13.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	209.46	184.07	188.07
PROB:	0	0.88	0.12
RMSE:	37.15	15.94	15.94

MAX\_MEAN: 86.3 MAX\_MED: 90.1 BMAD: 7.88

COFF: 23.6 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2500 (NHEERL\_MEA\_dev\_bursting\_electrodes\_m

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36469006

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.77	2.96
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

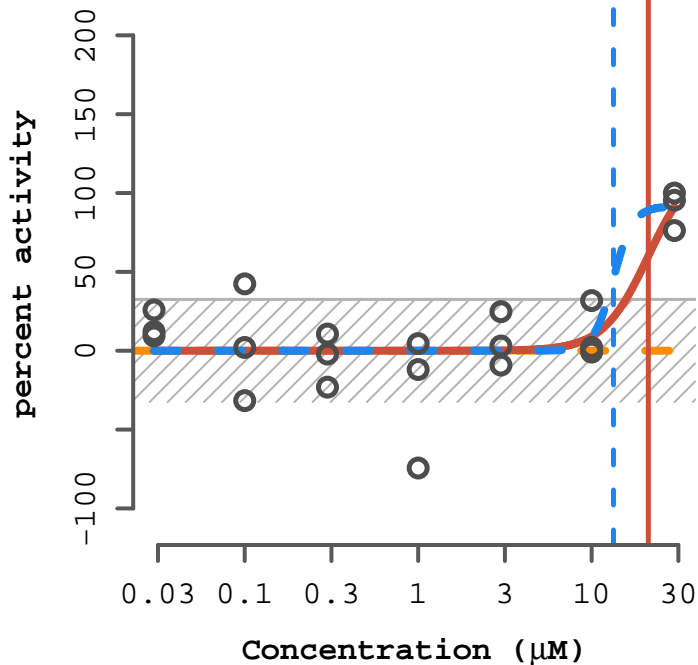
	tp	ga	gw	la	lw
val:	120	1.77	2.96	4	4.43
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	199.8	140.37	144.37
PROB:	0	0.88	0.12
RMSE:	38.28	5.34	5.34

MAX\_MEAN: 99.3 MAX\_MED: 100 BMAD: 10.8

COFF: 32.5 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2500 (NHEERL\_MEA\_dev\_bursting\_electrodes\_m

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36469038

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.33	3.32
sd:	508	1.75	12.2

GAIN-LOSS MODEL (in blue):

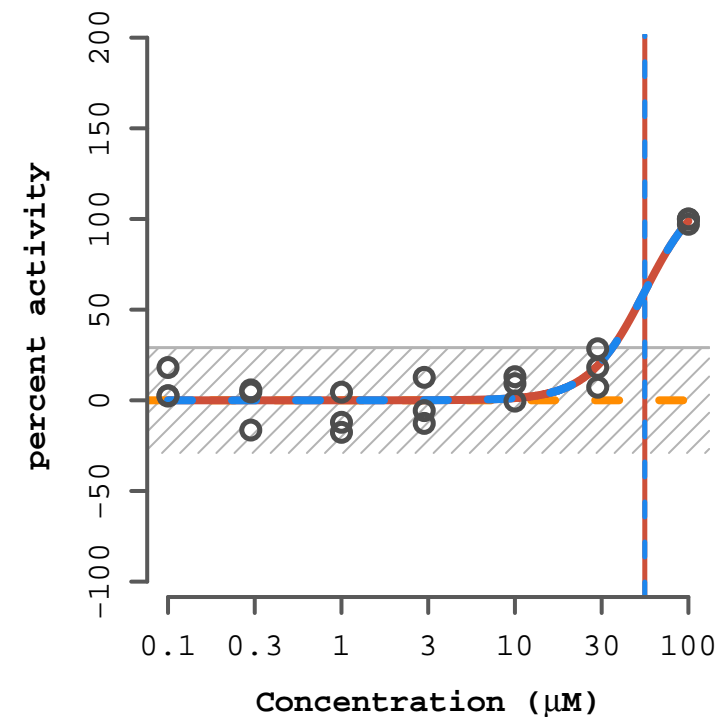
	tp	ga	gw	la	lw
val:	91.5	1.13	7.7	1.66	14.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	216.09	197.33	201.34
PROB:	0	0.88	0.12
RMSE:	41.8	23.64	23.65

MAX\_MEAN: 90.6 MAX\_MED: 95.5 BMAD: 10.8

COFF: 32.5 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2504 (NHEERL\_MEA\_dev\_per\_burst\_spike\_perce)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36469915

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.75	2.66
sd:	60.4	0.282	1.98

GAIN-LOSS MODEL (in blue):

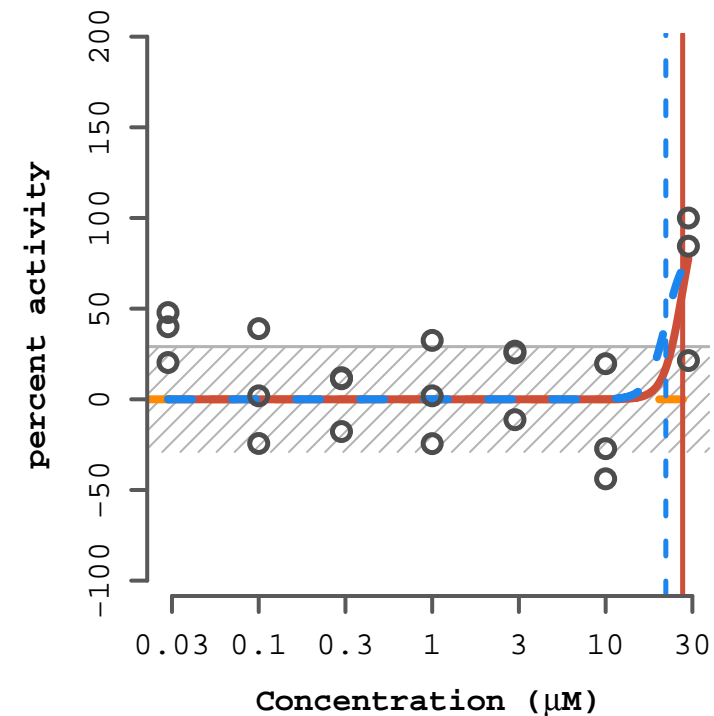
	tp	ga	gw	la	lw
val:	120	1.75	2.66	3.92	10.1
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	206.74	164.71	168.71
PROB:	0	0.88	0.12
RMSE:	39.26	9.61	9.61

MAX\_MEAN: 99 MAX\_MED: 100 BMAD: 9.69

COFF: 29.1 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2504 (NHEERL\_MEA\_dev\_per\_burst\_spike\_perce)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36470043

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.44	8
sd:	633	0.764	24.4

GAIN-LOSS MODEL (in blue):

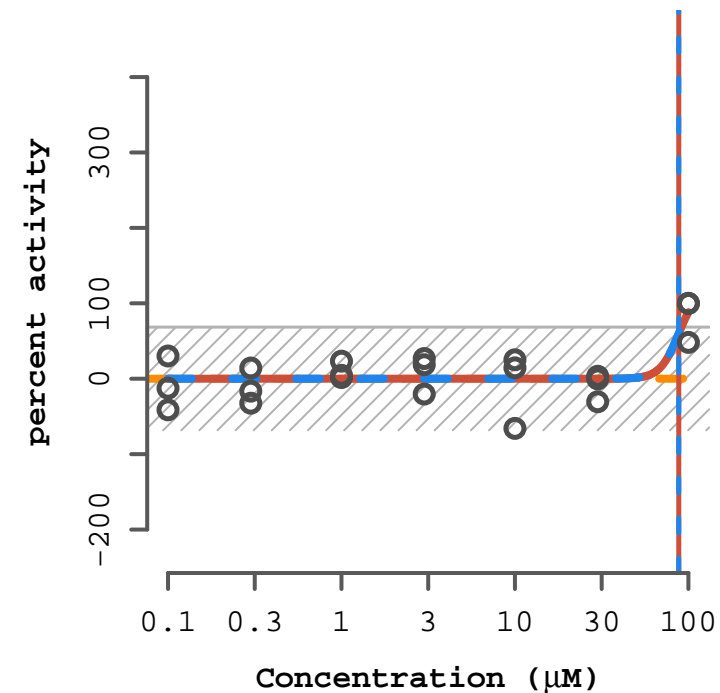
	tp	ga	gw	la	lw
val:	84.3	1.35	8	3.47	7.88
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	214.46	210.9	214.91
PROB:	0.13	0.77	0.1
RMSE:	38.29	28.38	28.37

MAX\_MEAN: 68.6 MAX\_MED: 84.5 BMAD: 9.69

COFF: 29.1 HIT-CALL: 1 FITC: 42 ACTP: 0.87

FLAGS: 11



ASSAY: AEID2506 (NHEERL\_MEA\_dev\_burst\_duration\_mean\_d

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36470514

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.94	8
sd:	279	0.329	32.4

GAIN-LOSS MODEL (in blue):

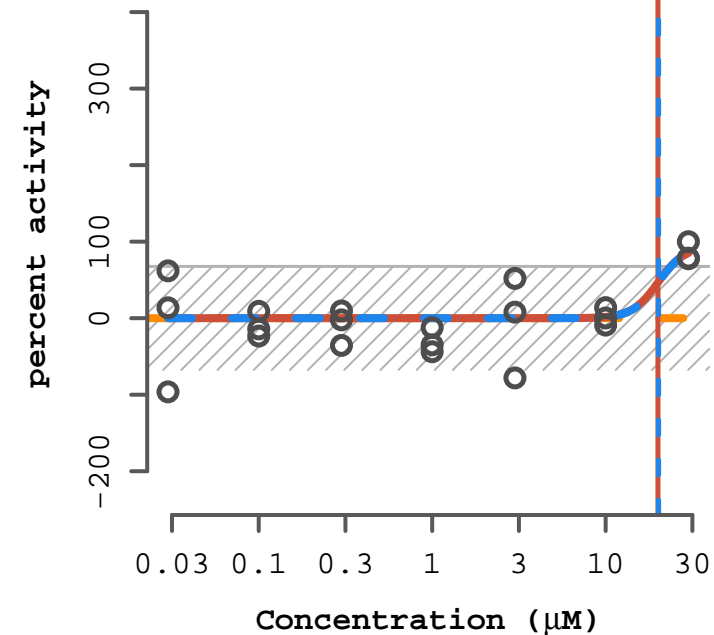
	tp	ga	gw	la	lw
val:	120	1.94	7.96	2.25	16.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	215.87	205.97	209.97
PROB:	0.01	0.88	0.12
RMSE:	40.69	26.12	26.12

MAX\_MEAN: 82.7 MAX\_MED: 100 BMAD: 22.8

COFF: 68.4 HIT-CALL: 1 FITC: 42 ACTP: 0.99

FLAGS: 6



ASSAY: AEID2508 (NHEERL\_MEA\_dev\_interburst\_interval\_m

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36470945

HILL MODEL (in red):

	tp	ga	gw
val:	93.3	1.3	5.78
sd:	1800	10.9	183

GAIN-LOSS MODEL (in blue):

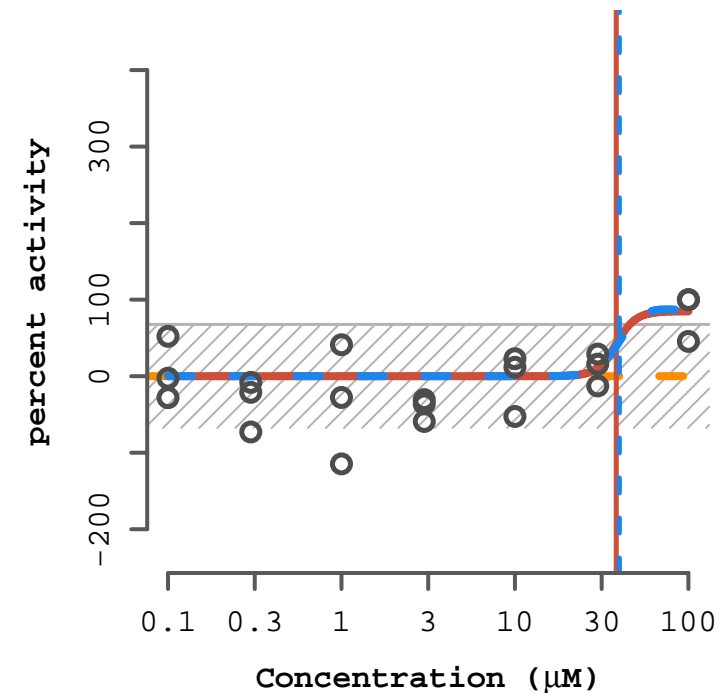
	tp	ga	gw	la	lw
val:	93.9	1.31	5.72	3.47	6.89
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	225.74	217.04	221.04
PROB:	0.01	0.87	0.12
RMSE:	48.83	36.63	36.63

MAX\_MEAN: 85.4 MAX\_MED: 78.5 BMAD: 22.5

COFF: 67.6 HIT-CALL: 1 FITC: 42 ACTP: 0.99

FLAGS: 11; 6



ASSAY: AEID2508 (NHEERL\_MEA\_dev\_interburst\_interval\_m

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36471023

HILL MODEL (in red):

	tp	ga	gw
val:	84.7	1.58	7.65
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

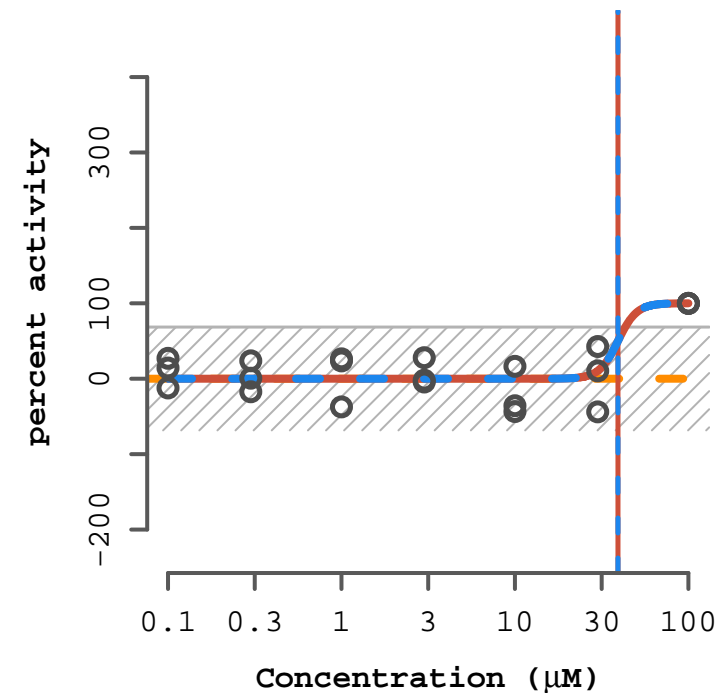
	tp	ga	gw	la	lw
val:	90.4	1.6	6.81	2.29	4.11
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	228.87	224.69	228.69
PROB:	0.1	0.79	0.11
RMSE:	52.29	41.98	41.98

MAX\_MEAN: 81.8 MAX\_MED: 100 BMAD: 22.5

COFF: 67.6 HIT-CALL: 1 FITC: 41 ACTP: 0.9

FLAGS: 6



ASSAY: AEID2510 (NHEERL\_MEA\_dev\_network\_spike\_number\_6)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36471307

HILL MODEL (in red):

	tp	ga	gw
val:	100	1.59	8
sd:	12.4	1.26	85.7

GAIN-LOSS MODEL (in blue):

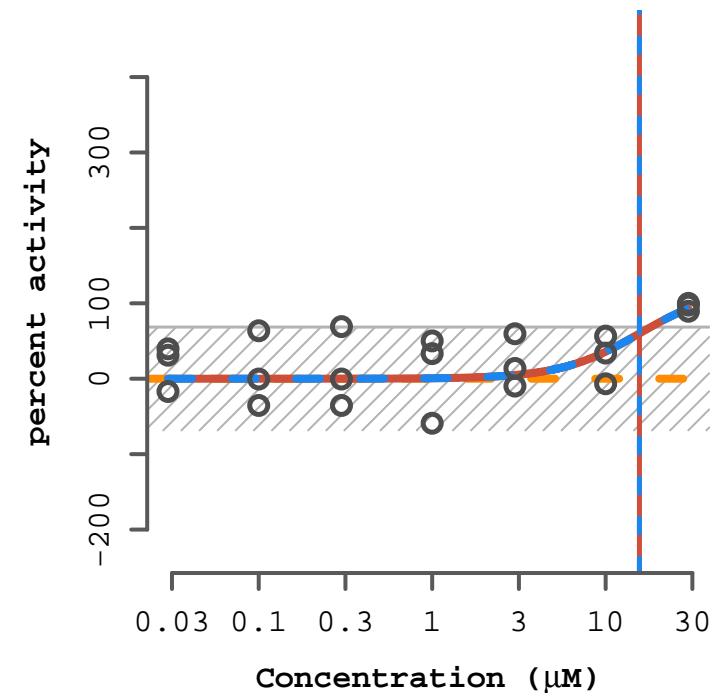
	tp	ga	gw	la	lw
val:	100	1.59	8	4	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	220.71	204.1	208.1
PROB:	0	0.88	0.12
RMSE:	45.1	24.73	24.73

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 22.8

COFF: 68.5 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2510 (NHEERL\_MEA\_dev\_network\_spike\_number\_0)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36471445

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.19	1.91
sd:	95.1	0.431	2.97

GAIN-LOSS MODEL (in blue):

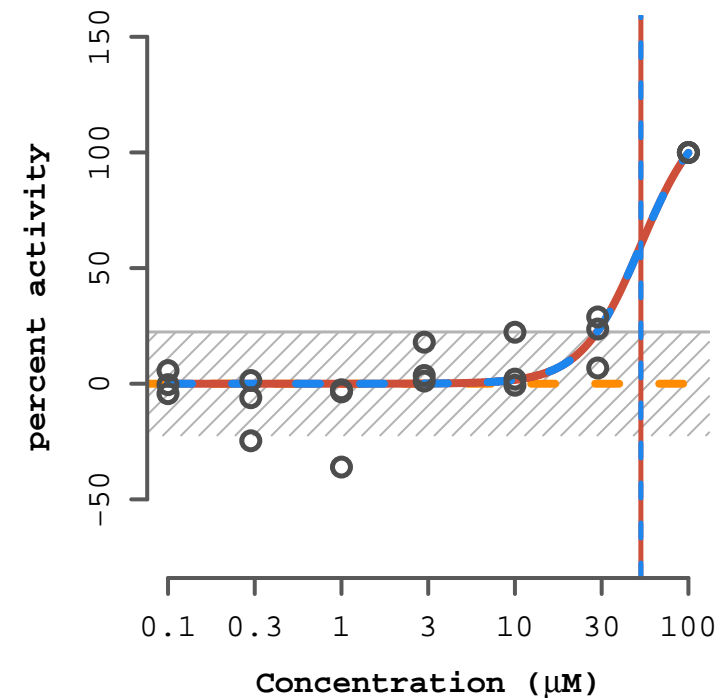
	tp	ga	gw	la	lw
val:	120	1.19	1.91	3.24	8.19
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	229.97	219.87	223.87
PROB:	0.01	0.88	0.12
RMSE:	52.13	35.76	35.76

MAX\_MEAN: 95.7 MAX\_MED: 97.6 BMAD: 22.8

COFF: 68.5 HIT-CALL: 1 FITC: 42 ACTP: 0.99

FLAGS: 6



ASSAY: AEID2512 (NHEERL\_MEA\_dev\_network\_spike\_peak\_dn

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36471838

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.73	2.54
sd:	58	0.285	1.94

GAIN-LOSS MODEL (in blue):

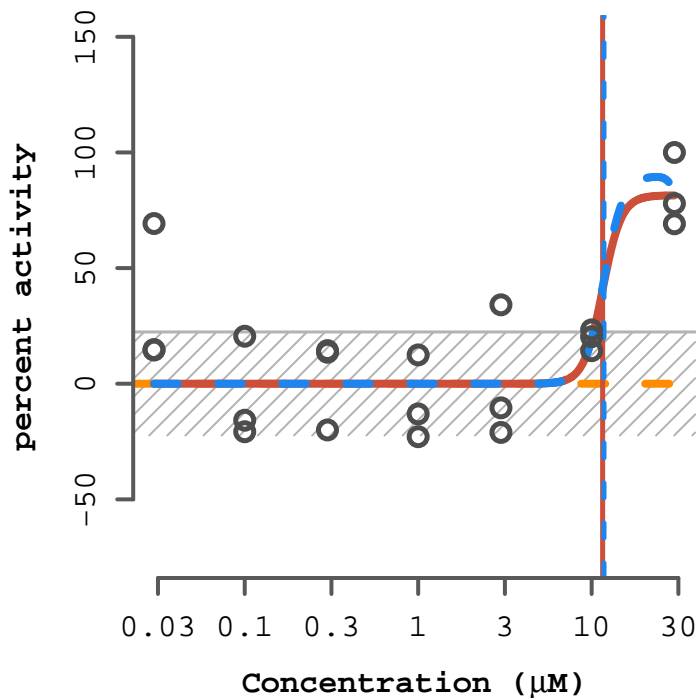
	tp	ga	gw	la	lw
val:	120	1.73	2.54	3.43	4.98
sd:	56.4	0.278	1.88	819	2850

	CNST	HILL	GNLS
AIC:	209.64	166.85	170.85
PROB:	0	0.88	0.12
RMSE:	40.41	12.09	12.09

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 7.46

COFF: 22.4 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS:



ASSAY: AEID2512 (NHEERL\_MEA\_dev\_network\_spike\_peak\_dn

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36471979

HILL MODEL (in red):

	tp	ga	gw
val:	81.5	1.06	8
sd:	12.2	1.1	138

GAIN-LOSS MODEL (in blue):

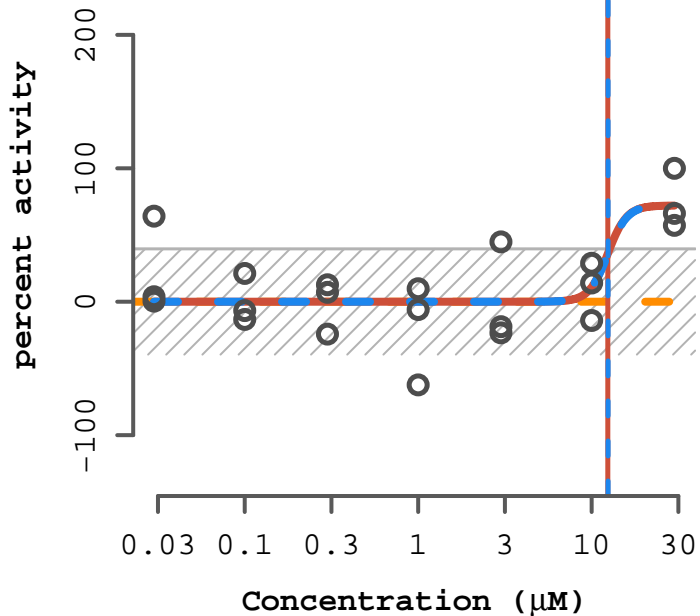
	tp	ga	gw	la	lw
val:	90	1.07	7.9	1.54	16
sd:	77.7	1.11	122	0.00468	34.4

	CNST	HILL	GNLS
AIC:	213.91	196.15	200.15
PROB:	0	0.88	0.12
RMSE:	38.86	22.08	22.08

MAX\_MEAN: 82.4 MAX\_MED: 77.9 BMAD: 7.46

COFF: 22.4 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2514 (NHEERL\_MEA\_dev\_spike\_duration\_mean\_d)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36472260

HILL MODEL (in red):

	tp	ga	gw
val:	72.1	1.09	8
sd:	17.1	1.9	162

GAIN-LOSS MODEL (in blue):

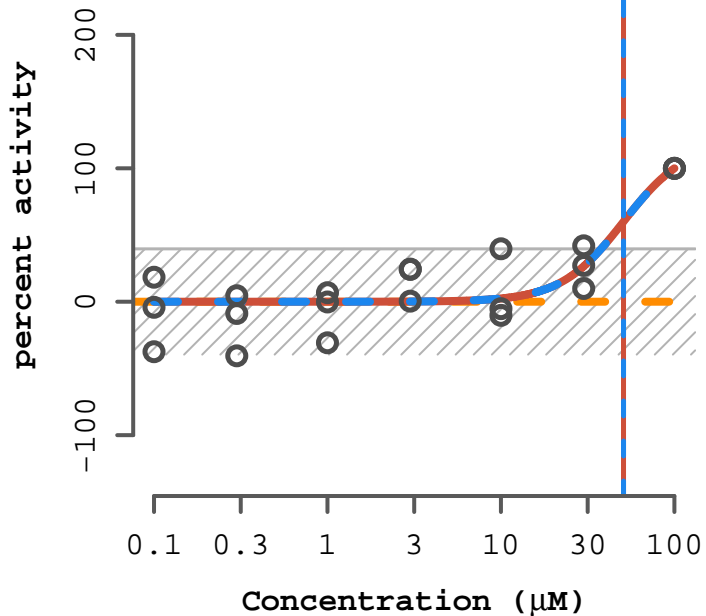
	tp	ga	gw	la	lw
val:	72.1	1.09	7.86	2.95	2.54
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	214.46	203.92	207.92
PROB:	0	0.88	0.12
RMSE:	38.67	26.28	26.28

MAX\_MEAN: 74.5 MAX\_MED: 66.2 BMAD: 13.2

COFF: 39.6 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2514 (NHEERL\_MEA\_dev\_spike\_duration\_mean\_d

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36472468

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.71	2.38
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

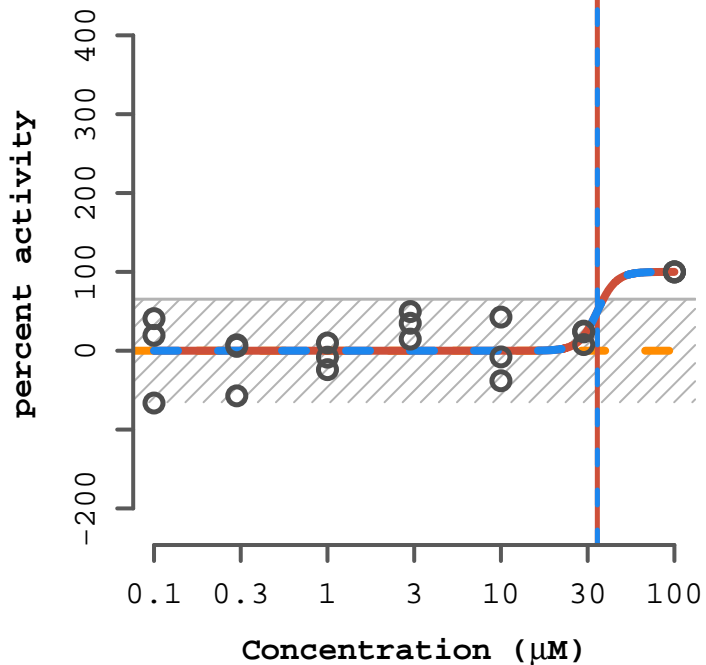
	tp	ga	gw	la	lw
val:	120	1.71	2.38	3.58	5.83
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	217.91	192.19	196.19
PROB:	0	0.88	0.12
RMSE:	43.63	19.25	19.25

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 13.2

COFF: 39.6 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2516 (NHEERL\_MEA\_dev\_network\_spike\_duration)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36472790

HILL MODEL (in red):

	tp	ga	gw
val:	100	1.56	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

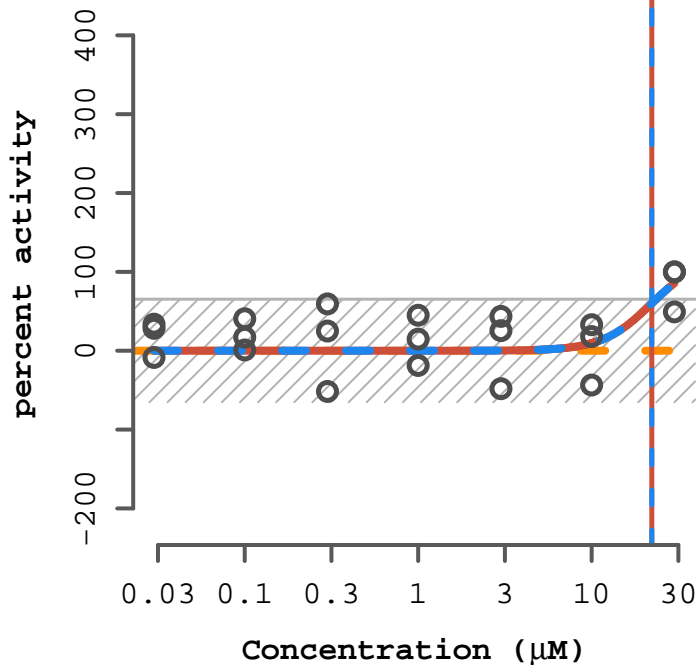
	tp	ga	gw	la	lw
val:	100	1.56	7.97	3.97	1.43
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	224.89	209.6	213.6
PROB:	0	0.88	0.12
RMSE:	48.32	29.24	29.24

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 21.8

COFF: 65.4 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2516 (NHEERL\_MEA\_dev\_network\_spike\_duration)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36472964

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.35	3.05
sd:	559	1.84	11.7

GAIN-LOSS MODEL (in blue):

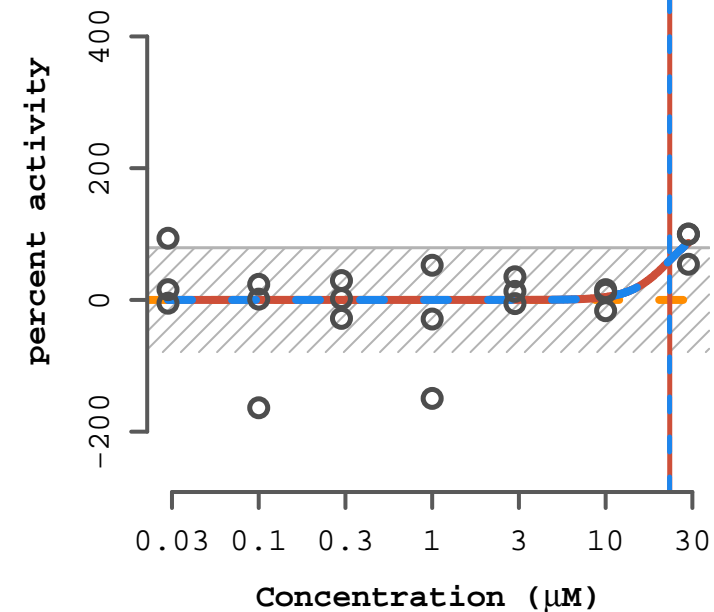
	tp	ga	gw	la	lw
val:	120	1.35	3.06	2.34	12.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	223.85	218.02	222.02
PROB:	0.05	0.84	0.11
RMSE:	45.77	33.39	33.39

MAX\_MEAN: 83.1 MAX\_MED: 100 BMAD: 21.8

COFF: 65.4 HIT-CALL: 1 FITC: 42 ACTP: 0.95

FLAGS: 6



ASSAY: AEID2518 (NHEERL\_MEA\_dev\_per\_network\_spike\_int)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36473233

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.37	3.83
sd:	1420	3.97	29.7

GAIN-LOSS MODEL (in blue):

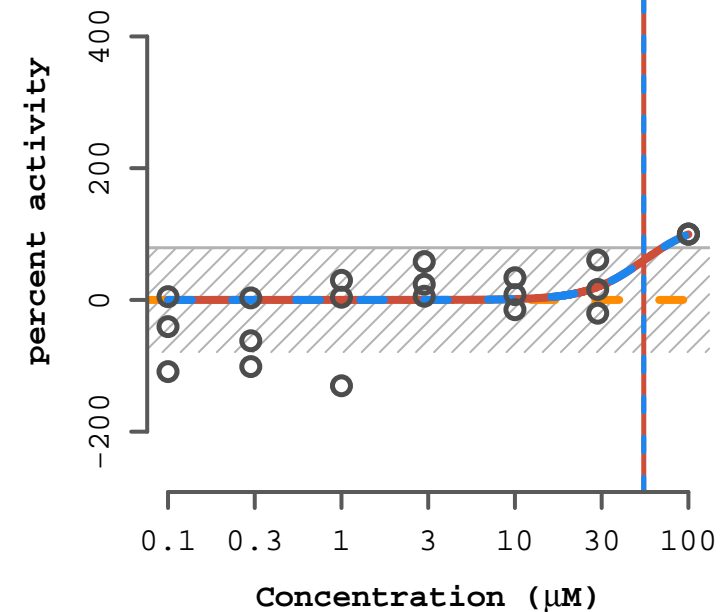
	tp	ga	gw	la	lw
val:	120	1.37	3.84	2.56	6.52
sd:	1320	3.71	28	7540	45500

	CNST	HILL	GNLS
AIC:	234.92	230.08	234.08
PROB:	0.07	0.82	0.11
RMSE:	65.11	56.68	56.68

MAX\_MEAN: 84.7 MAX\_MED: 100 BMAD: 26.4

COFF: 79.2 HIT-CALL: 1 FITC: 42 ACTP: 0.93

FLAGS: 6



ASSAY: AEID2518 (NHEERL\_MEA\_dev\_per\_network\_spike\_int)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36473291

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.74	2.66
sd:	262	1.19	9.52

GAIN-LOSS MODEL (in blue):

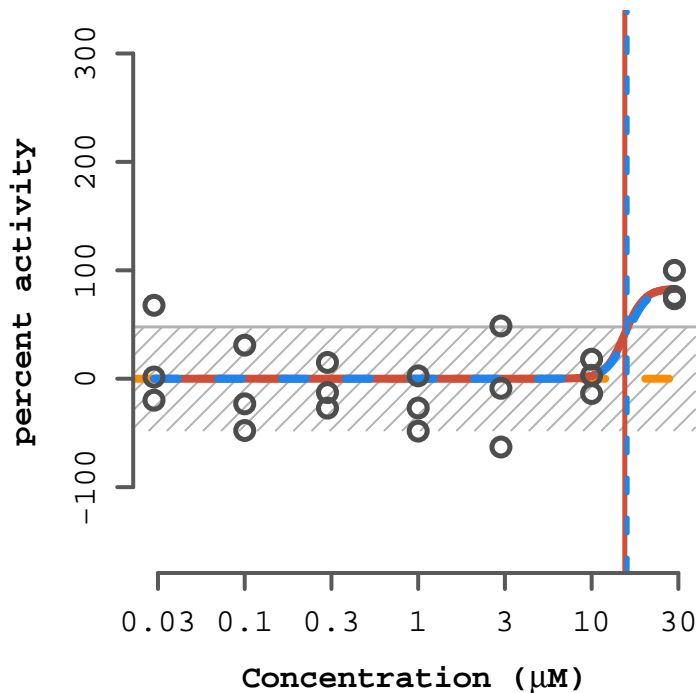
	tp	ga	gw	la	lw
val:	120	1.74	2.66	2.49	18
sd:	264	1.2	9.59	2240	80200

	CNST	HILL	GNLS
AIC:	237.38	230.37	234.37
PROB:	0.03	0.86	0.12
RMSE:	63.71	50.75	50.75

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 26.4

COFF: 79.2 HIT-CALL: 1 FITC: 42 ACTP: 0.97

FLAGS: 6



ASSAY: AEID2520 (NHEERL\_MEA\_dev\_per\_network\_spike\_spi)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36473817

HILL MODEL (in red):

	tp	ga	gw
val:	83.3	1.19	7.79
sd:	226	10.3	414

GAIN-LOSS MODEL (in blue):

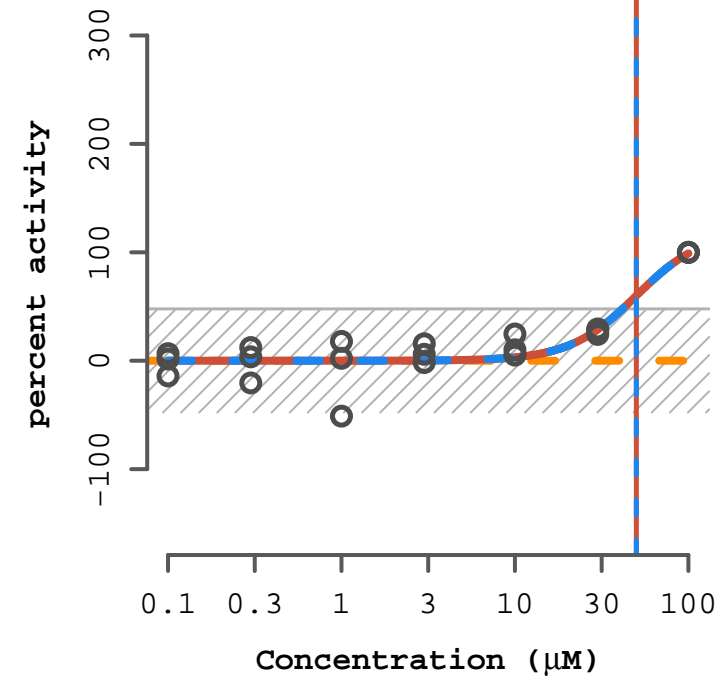
	tp	ga	gw	la	lw
val:	83.7	1.2	7.29	3.44	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	221.94	212.79	216.79
PROB:	0.01	0.87	0.12
RMSE:	44.24	31.08	31.08

MAX\_MEAN: 83.3 MAX\_MED: 76 BMAD: 15.9

COFF: 47.8 HIT-CALL: 1 FITC: 41 ACTP: 0.99

FLAGS: 6



ASSAY: AEID2520 (NHEERL\_MEA\_dev\_per\_network\_spike\_spi)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36473931

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.7	2.24
sd:	34	0.169	1.1

GAIN-LOSS MODEL (in blue):

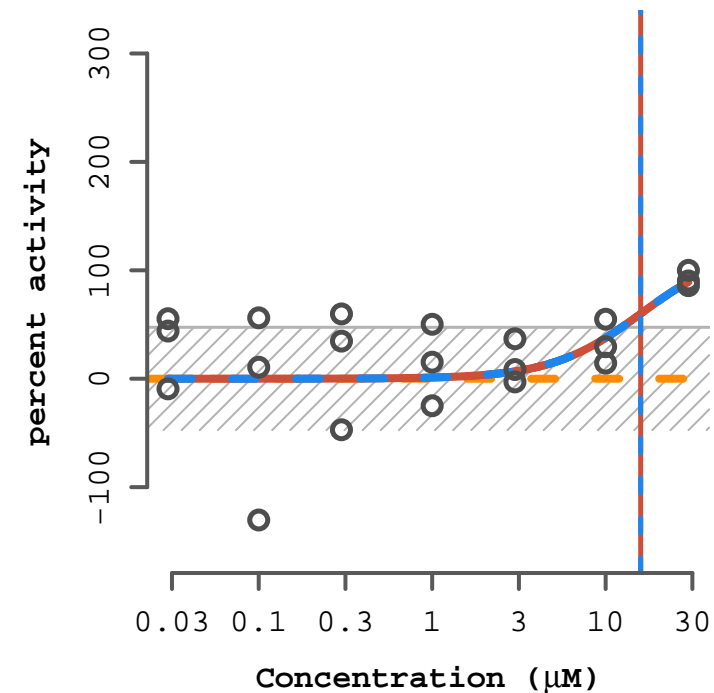
	tp	ga	gw	la	lw
val:	120	1.7	2.24	4	8.46
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	214.02	174.16	178.16
PROB:	0	0.88	0.12
RMSE:	41.98	14.76	14.76

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 15.9

COFF: 47.8 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2522 (NHEERL\_MEA\_dev\_per\_network\_spike\_spi)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36474299

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.2	1.68
sd:	89.7	0.467	2

GAIN-LOSS MODEL (in blue):

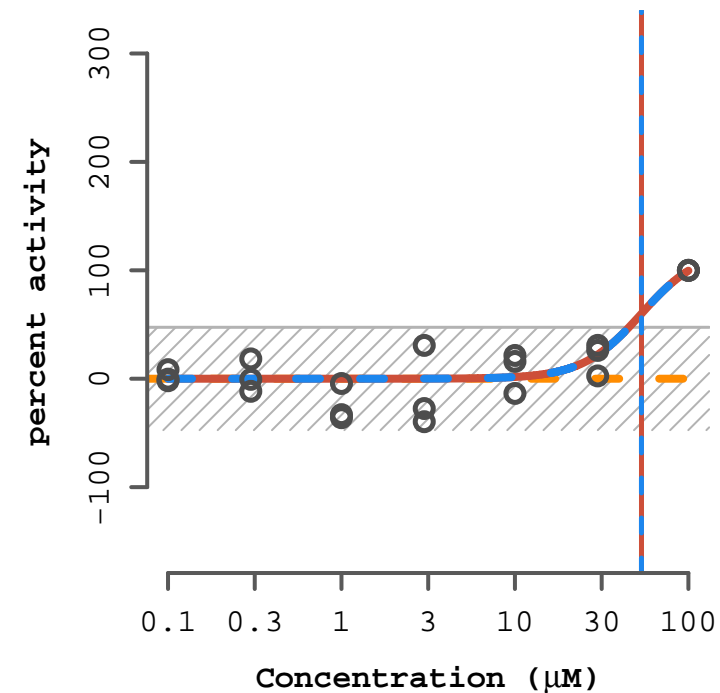
	tp	ga	gw	la	lw
val:	120	1.2	1.68	2.19	17.2
sd:	89.3	0.465	1.99	50800	1180000

	CNST	HILL	GNLS
AIC:	232.46	222.97	226.97
PROB:	0.01	0.87	0.12
RMSE:	56.38	42.34	42.34

MAX\_MEAN: 92 MAX\_MED: 90.2 BMAD: 15.8

COFF: 47.4 HIT-CALL: 1 FITC: 42 ACTP: 0.99

FLAGS: 6



ASSAY: AEID2522 (NHEERL\_MEA\_dev\_per\_network\_spike\_spi)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36474310

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.73	2.55
sd:	86.8	0.421	2.93

GAIN-LOSS MODEL (in blue):

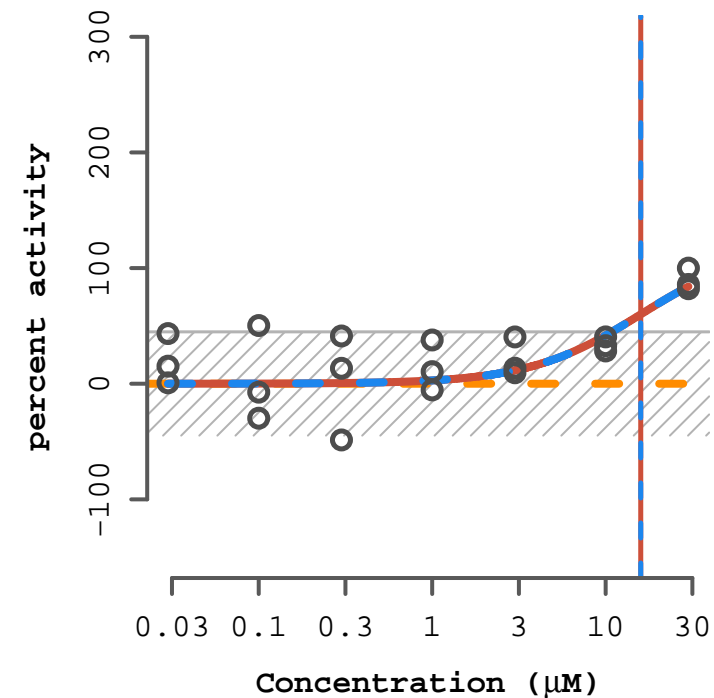
	tp	ga	gw	la	lw
val:	120	1.73	2.55	2.65	17.8
sd:	86.4	0.419	2.92	22100	564000

	CNST	HILL	GNLS
AIC:	216.76	192.07	196.07
PROB:	0	0.88	0.12
RMSE:	42.96	18.93	18.93

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 15.8

COFF: 47.4 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2524 (NHEERL\_MEA\_dev\_correlation\_coefficie

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36474714

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.2	1.34
sd:	46.3	0.286	0.74

GAIN-LOSS MODEL (in blue):

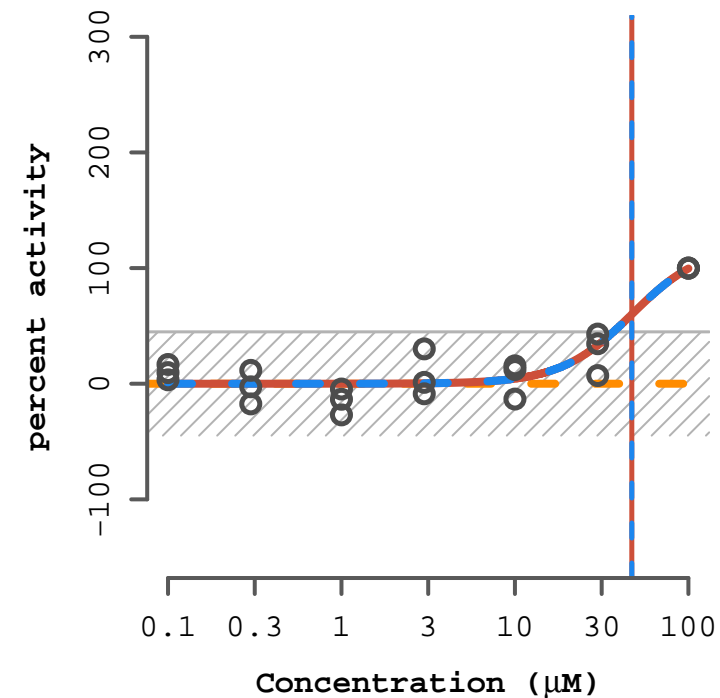
	tp	ga	gw	la	lw
val:	120	1.2	1.34	2.76	6.44
sd:	46.3	0.286	0.739	1420	7170

	CNST	HILL	GNLS
AIC:	221.77	202.22	206.22
PROB:	0	0.88	0.12
RMSE:	44.18	24.44	24.44

MAX\_MEAN: 89.4 MAX\_MED: 85.9 BMAD: 15

COFF: 44.9 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2524 (NHEERL\_MEA\_dev\_correlation\_coefficie

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36474874

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.67	2.11
sd:	46.1	0.246	1.44

GAIN-LOSS MODEL (in blue):

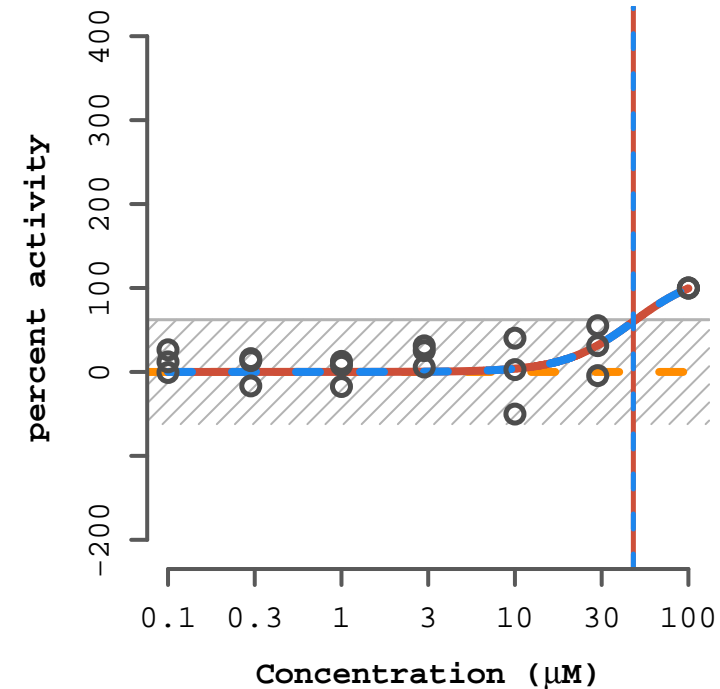
	tp	ga	gw	la	lw
val:	120	1.67	2.11	4	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	213.38	178.82	182.82
PROB:	0	0.88	0.12
RMSE:	41.63	13.81	13.81

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 15

COFF: 44.9 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2526 (NHEERL\_MEA\_dev\_mutual\_information\_no:

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36474925

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.68	2.16
sd:	282	1.4	9.56

GAIN-LOSS MODEL (in blue):

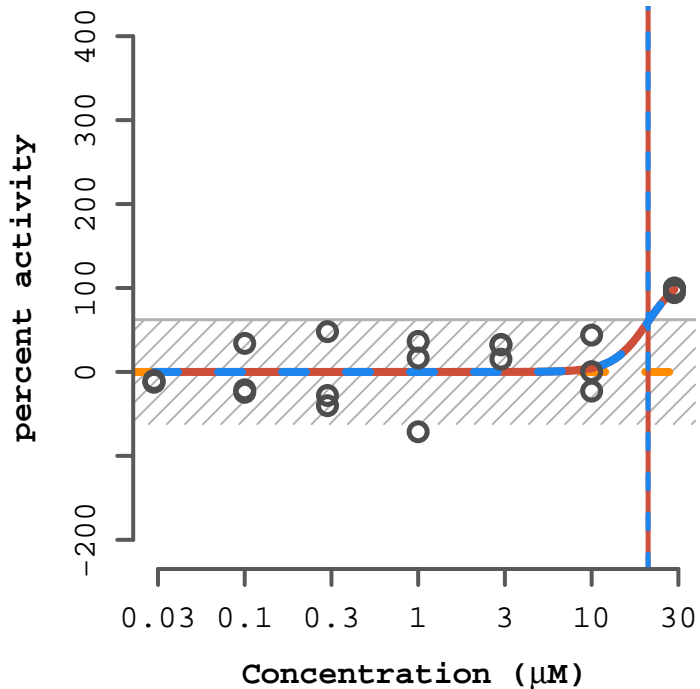
	tp	ga	gw	la	lw
val:	120	1.68	2.16	3.72	16.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	219.51	197.15	201.15
PROB:	0	0.88	0.12
RMSE:	44.68	21.59	21.59

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 20.7

COFF: 62.2 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2526 (NHEERL\_MEA\_dev\_mutual\_information\_no:

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36475104

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.33	4.29
sd:	584	1.91	22.8

GAIN-LOSS MODEL (in blue):

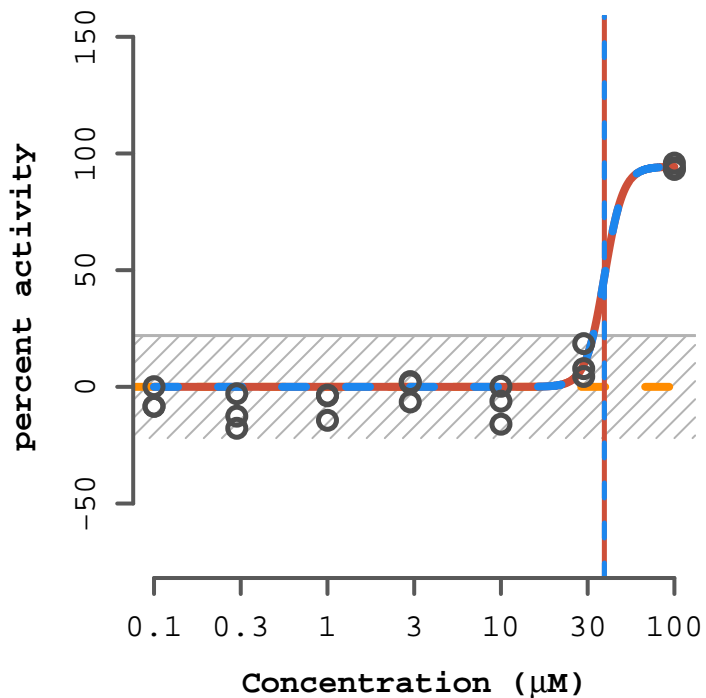
	tp	ga	gw	la	lw
val:	120	1.33	4.3	1.86	18
sd:	1350	4.43	52.2	967	45400

	CNST	HILL	GNLS
AIC:	224.52	212.02	216.02
PROB:	0	0.88	0.12
RMSE:	47.65	29.81	29.81

MAX\_MEAN: 98.1 MAX\_MED: 99.9 BMAD: 20.7

COFF: 62.2 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2529 (NHEERL\_MEA\_dev\_LDH\_up)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36475404

HILL MODEL (in red):

	tp	ga	gw
val:	94.3	1.6	8
sd:	3.33	0.172	11.5

GAIN-LOSS MODEL (in blue):

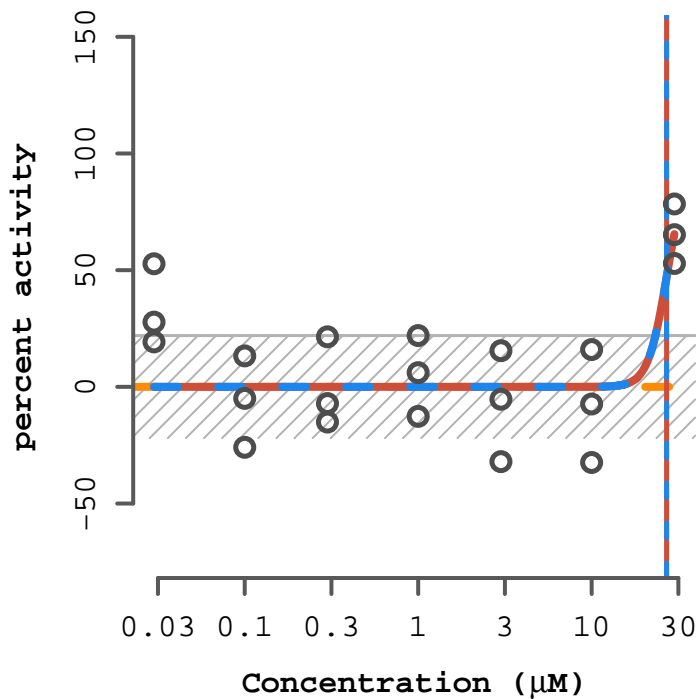
	tp	ga	gw	la	lw
val:	94.4	1.6	8	2.99	8.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	200.79	154.58	158.58
PROB:	0	0.88	0.12
RMSE:	36.71	7.9	7.9

MAX\_MEAN: 94.3 MAX\_MED: 93.8 BMAD: 7.33

COFF: 22 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2529 (NHEERL\_MEA\_dev\_LDH\_up)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36475603

HILL MODEL (in red):

	tp	ga	gw
val:	94	1.43	8
sd:	1210	2.04	52

GAIN-LOSS MODEL (in blue):

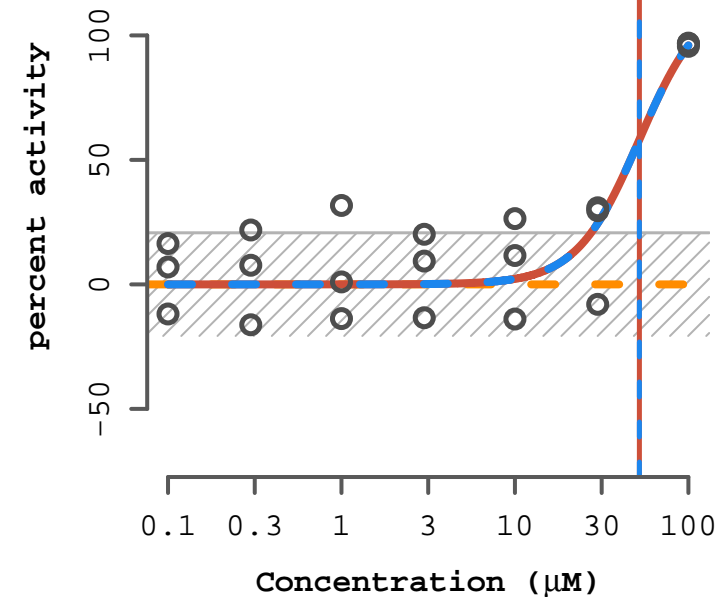
	tp	ga	gw	la	lw
val:	94	1.43	8	1.76	17.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	207.88	196.68	200.68
PROB:	0	0.88	0.12
RMSE:	32.42	20.93	20.93

MAX\_MEAN: 65.5      MAX\_MED: 65.2      BMAD: 7.33

COFF: 22      HIT-CALL: 1      FITC: 42      ACTP: 1

FLAGS:



ASSAY: AEID2530 (NHEERL\_MEA\_dev\_AB\_dn)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): TT0000177H02

M4ID: 36475700

HILL MODEL (in red):

	tp	ga	gw
val:	116	1.72	2.39
sd:	78.6	0.394	2.69

GAIN-LOSS MODEL (in blue):

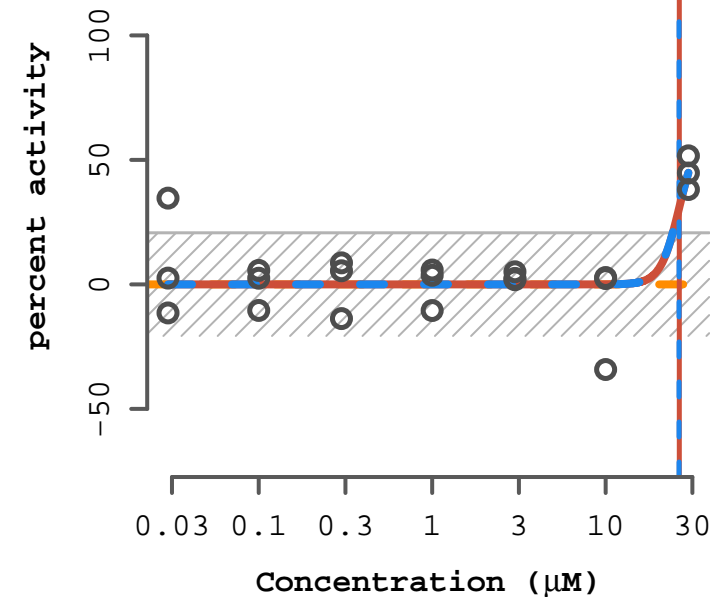
	tp	ga	gw	la	lw
val:	116	1.72	2.39	3.8	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	212.45	185.06	189.06
PROB:	0	0.88	0.12
RMSE:	40.2	15.71	15.71

MAX\_MEAN: 96.4 MAX\_MED: 96.7 BMAD: 6.91

COFF: 20.7 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS:



ASSAY: AEID2530 (NHEERL\_MEA\_dev\_AB\_dn)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36475755

HILL MODEL (in red):

	tp	ga	gw
val:	61.9	1.42	7.98
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

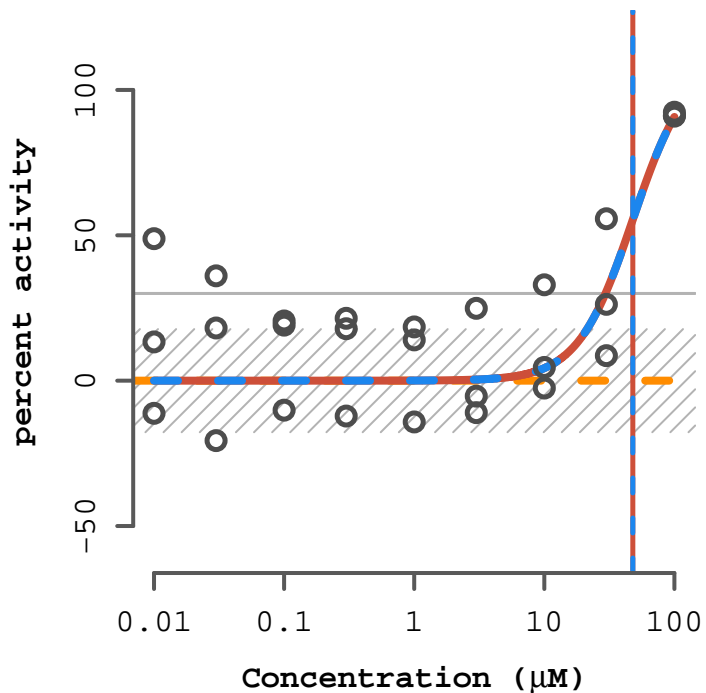
	tp	ga	gw	la	lw
val:	61.5	1.42	8	3.47	1.4
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	186.91	168.28	172.28
PROB:	0	0.88	0.12
RMSE:	21.02	12.43	12.43

MAX\_MEAN: 44.8 MAX\_MED: 44.8 BMAD: 6.91

COFF: 20.7 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 17; 6



ASSAY: AEID2781 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_1

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489396

HILL MODEL (in red):

	tp	ga	gw
val:	111	1.68	2.05
sd:	54.1	0.312	1.74

GAIN-LOSS MODEL (in blue):

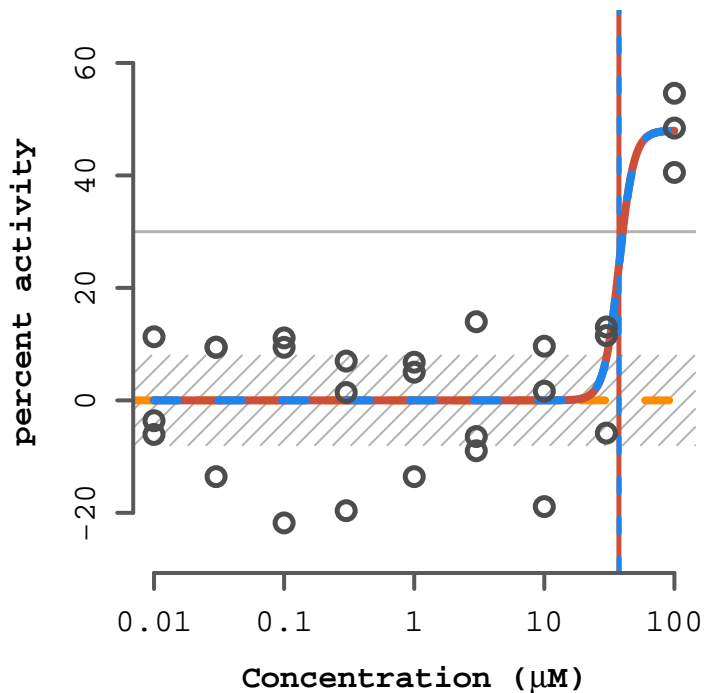
	tp	ga	gw	la	lw
val:	111	1.68	2.05	3.09	8.19
sd:	53.9	0.31	1.73	4940	37100

	CNST	HILL	GNLS
AIC:	271.61	246.76	250.76
PROB:	0	0.88	0.12
RMSE:	37.61	19.31	19.31

MAX\_MEAN: 91.5 MAX\_MED: 91.2 BMAD: 5.91

COFF: 30 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS:



ASSAY: AEID2783 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_1

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489337

HILL MODEL (in red):

	tp	ga	gw
val:	48	1.57	7.55
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

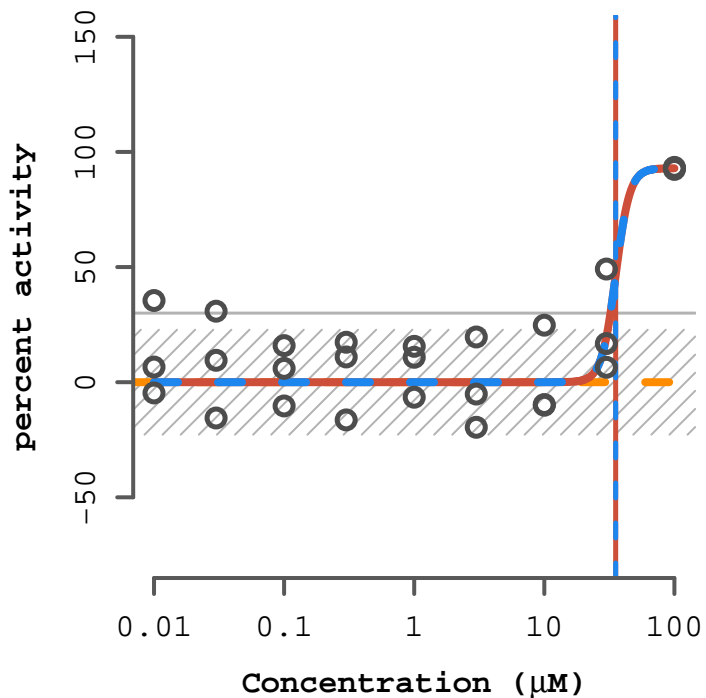
	tp	ga	gw	la	lw
val:	48	1.57	7.46	3.92	13.3
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	234.8	215.29	219.29
PROB:	0	0.88	0.12
RMSE:	19.24	10.56	10.56

MAX\_MEAN: 47.9 MAX\_MED: 48.4 BMAD: 2.66

COFF: 30 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 17



ASSAY: AEID2784 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_I

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489315

HILL MODEL (in red):

	tp	ga	gw
val:	92.9	1.55	8
sd:	7	0.244	27.1

GAIN-LOSS MODEL (in blue):

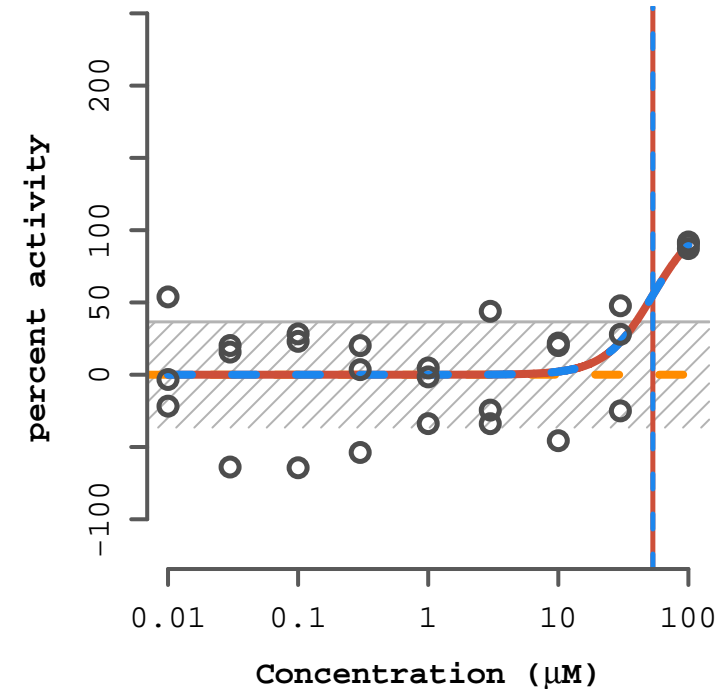
	tp	ga	gw	la	lw
val:	92.9	1.55	8	3.54	5.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	265.04	235.86	239.86
PROB:	0	0.88	0.12
RMSE:	35.66	15.81	15.81

MAX\_MEAN: 92.9 MAX\_MED: 92.9 BMAD: 7.6

COFF: 30 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2786 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_1

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489141

HILL MODEL (in red):

	tp	ga	gw
val:	110	1.73	2.35
sd:	161	0.876	5

GAIN-LOSS MODEL (in blue):

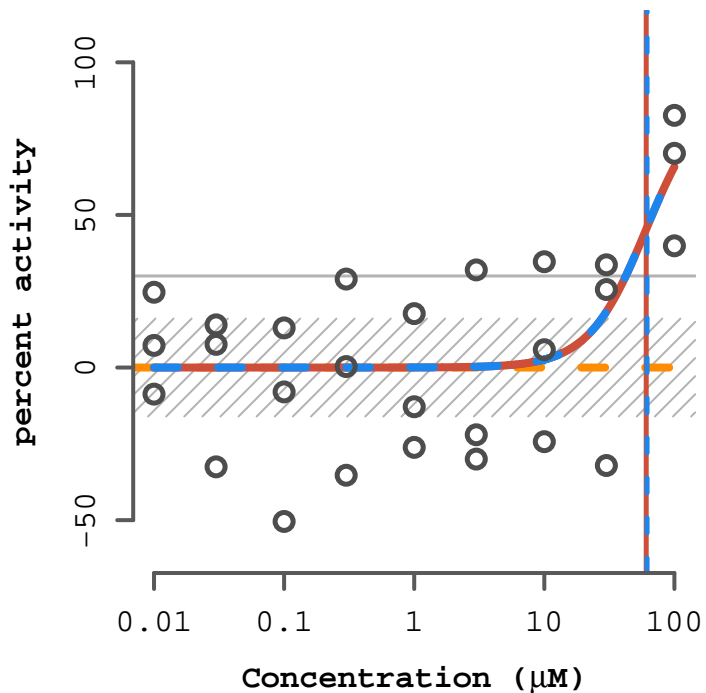
	tp	ga	gw	la	lw
val:	110	1.73	2.35	3.43	6.88
sd:	161	0.879	5.02	98300	472000

	CNST	HILL	GNLS
AIC:	285.19	273.98	277.98
PROB:	0	0.88	0.12
RMSE:	44.16	32.02	32.02

MAX\_MEAN: 89.9 MAX\_MED: 90.5 BMAD: 12.2

COFF: 36.6 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2787 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_1

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36488867

HILL MODEL (in red):

	tp	ga	gw
val:	90.6	1.78	1.95
sd:	186	1.23	3.8

GAIN-LOSS MODEL (in blue):

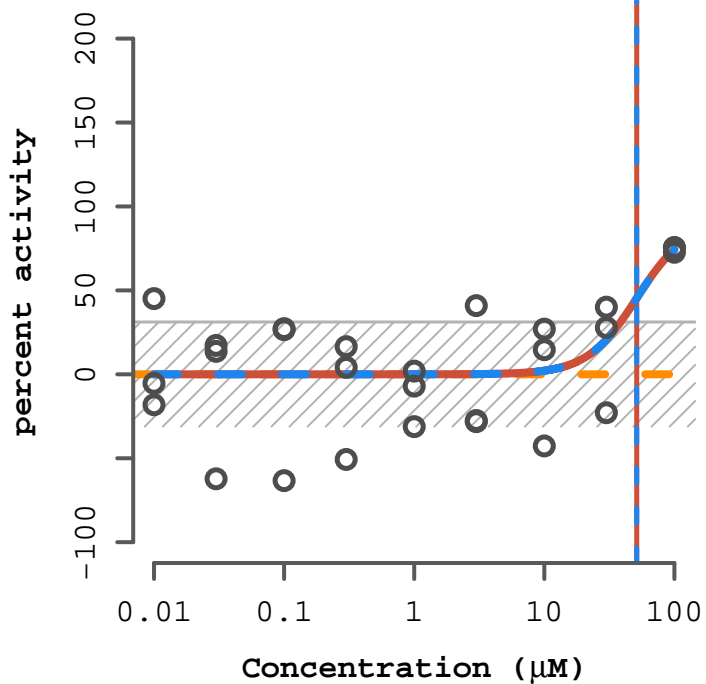
	tp	ga	gw	la	lw
val:	93.6	1.79	1.95	3.86	0.868
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	268.12	260.12	264.12
PROB:	0.02	0.87	0.12
RMSE:	32.47	24.38	24.38

MAX\_MEAN: 64.2 MAX\_MED: 70.2 BMAD: 5.35

COFF: 30 HIT-CALL: 1 FITC: 42 ACTP: 0.98

FLAGS:



ASSAY: AEID2788 (MUNDY\_HCI\_Cortical\_Synap&Neur\_Matur\_)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489519

HILL MODEL (in red):

	tp	ga	gw
val:	90.7	1.71	2.27
sd:	120	0.817	4.65

GAIN-LOSS MODEL (in blue):

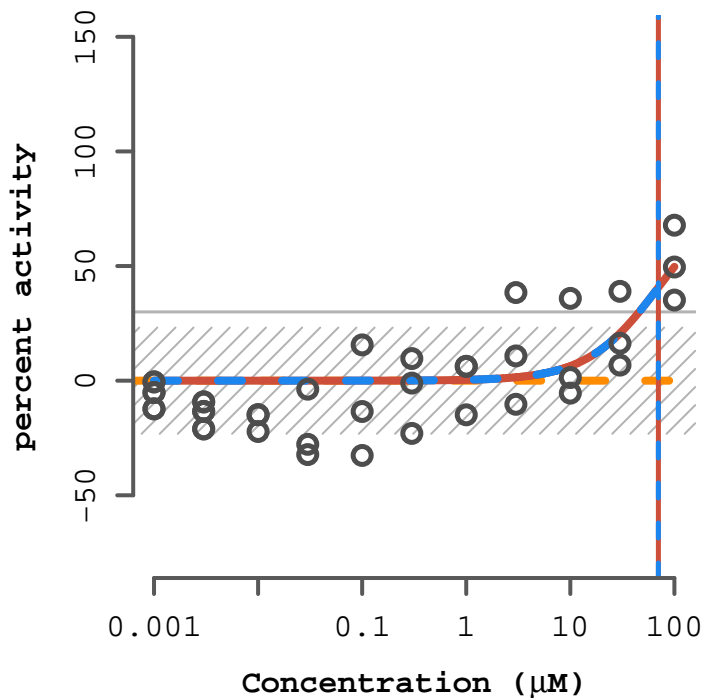
	tp	ga	gw	la	lw
val:	90.7	1.71	2.27	3.54	4.14
sd:	120	0.816	4.65	1630	4370

	CNST	HILL	GNLS
AIC:	279.6	270.46	274.46
PROB:	0.01	0.87	0.12
RMSE:	39.28	30.08	30.08

MAX\_MEAN: 74.6 MAX\_MED: 75.3 BMAD: 10.4

COFF: 31.2 HIT-CALL: 1 FITC: 42 ACTP: 0.99

FLAGS: 6



ASSAY: AEID2796 (MUNDY\_HCI\_hNPl\_Pro\_ObjectCount\_loss)

NAME: Dimethoate

CHID: 20479 CASRN: 60-51-5

SPID(S): EPAPLT0167G06

M4ID: 36489587

HILL MODEL (in red):

	tp	ga	gw
val:	81.4	1.85	1.27
sd:	96	0.892	1.19

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	81.4	1.85	1.27	3.15	11.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	355.72	341.21	345.21
PROB:	0	0.88	0.12
RMSE:	22.69	16.53	16.53

MAX\_MEAN: 50.9 MAX\_MED: 49.6 BMAD: 7.73

COFF: 30 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 17; 6