

ASSAY: AEID2494 (NHEERL_MEA_dev_firing_rate_mean_dn)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36467515

HILL MODEL (in red):

	tp	ga	gw
val:	81.1	0.353	0.3
sd:	237	9.19	0.683

GAIN-LOSS MODEL (in blue):

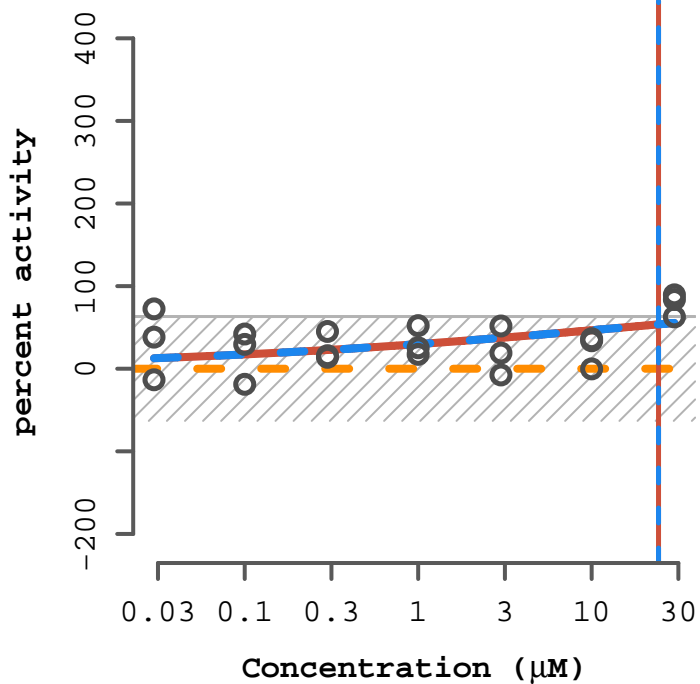
	tp	ga	gw	la	lw
val:	77.8	0.216	0.3	1.81	17.1
sd:	130	5.36	0.42	21.4	1110

	CNST	HILL	GNLS
AIC:	225.56	206.33	210.35
PROB:	0	0.88	0.12
RMSE:	46.34	26.51	26.47

MAX_MEAN: 68.6 MAX_MED: 75.7 BMAD: 20.6

COFF: 61.7 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2496 (NHEERL_MEA_dev_burst_rate_dn)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36468070

HILL MODEL (in red):

	tp	ga	gw
val:	107	1.39	0.3
sd:	91.4	2.12	0.186

GAIN-LOSS MODEL (in blue):

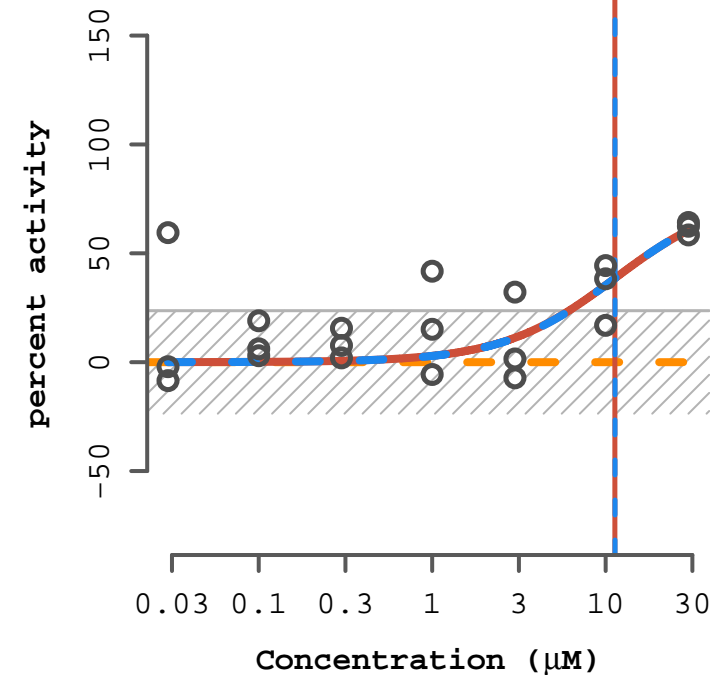
	tp	ga	gw	la	lw
val:	107	1.39	0.3	3.41	9.15
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	222.57	208.04	212.04
PROB:	0	0.88	0.12
RMSE:	43.98	27.01	27.01

MAX_MEAN: 78.7 MAX_MED: 83.9 BMAD: 21.1

COFF: 63.2 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS: 6



ASSAY: AEID2498 (NHEERL_MEA_dev_active_electrodes_num)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36468554

HILL MODEL (in red):

	tp	ga	gw
val:	77	1.05	1.33
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

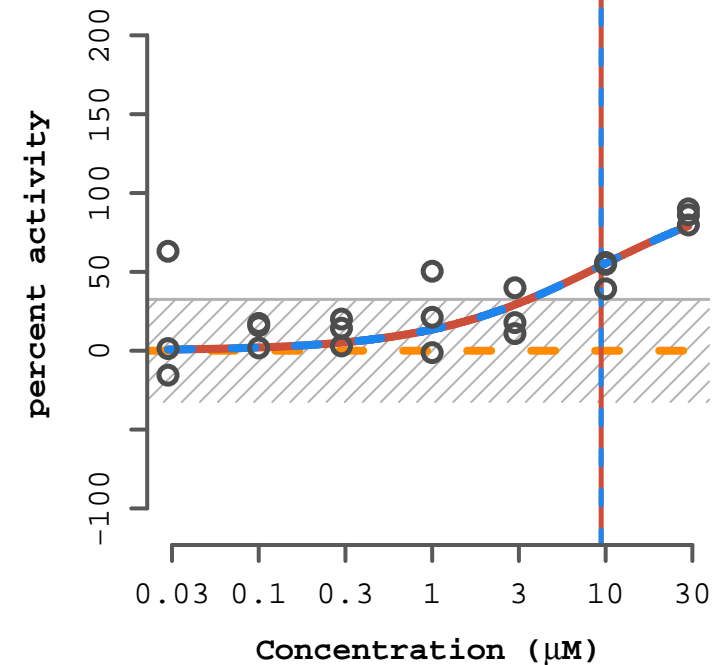
	tp	ga	gw	la	lw
val:	77	1.05	1.34	2.33	12.4
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	208.88	186.2	190.2
PROB:	0	0.88	0.12
RMSE:	32.8	18.71	18.71

MAX_MEAN: 61.7 MAX_MED: 62.4 BMAD: 7.88

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

FLAGS:



ASSAY: AEID2500 (NHEERL_MEA_dev_bursting_electrodes_m

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36468934

HILL MODEL (in red):

	tp	ga	gw
val:	108	0.974	0.868
sd:	26.6	0.284	0.328

GAIN-LOSS MODEL (in blue):

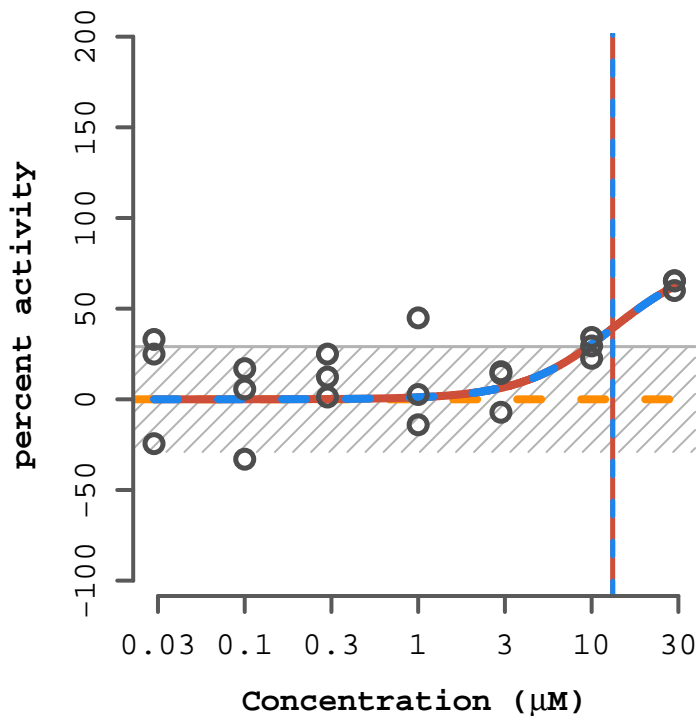
	tp	ga	gw	la	lw
val:	108	0.974	0.868	3.48	8.72
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	221.15	186.7	190.7
PROB:	0	0.88	0.12
RMSE:	43.64	18.95	18.95

MAX_MEAN: 85.3 MAX_MED: 86.2 BMAD: 10.8

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

FLAGS:



ASSAY: AEID2504 (NHEERL_MEA_dev_per_burst_spike_perce)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36469847

HILL MODEL (in red):

	tp	ga	gw
val:	78.5	1.12	1.65
sd:	35.1	0.302	1.27

GAIN-LOSS MODEL (in blue):

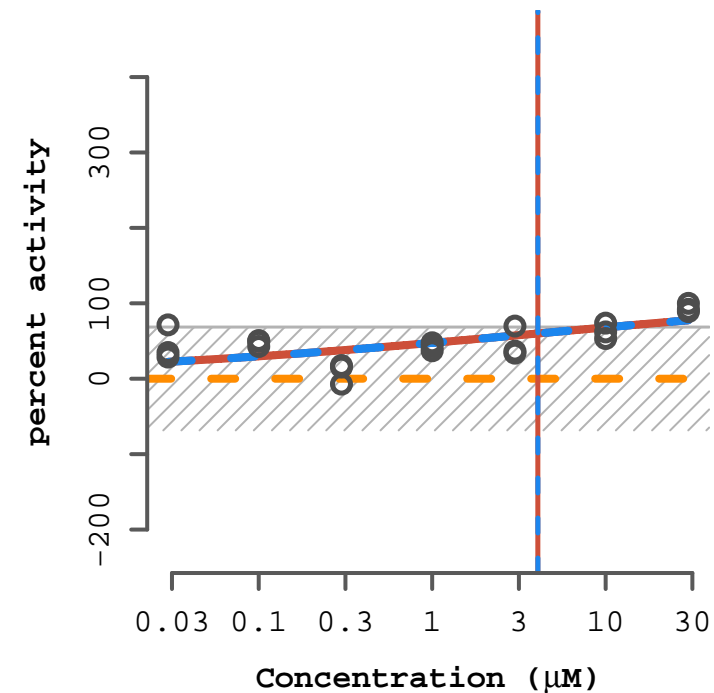
	tp	ga	gw	la	lw
val:	78.5	1.12	1.65	2.18	12.6
sd:	35.4	0.304	1.29	2540	45200

	CNST	HILL	GNLS
AIC:	209.06	190.02	194.02
PROB:	0	0.88	0.12
RMSE:	32.3	18.34	18.34

MAX_MEAN: 63.6 MAX_MED: 65.4 BMAD: 9.69

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

FLAGS:



ASSAY: AEID2510 (NHEERL_MEA_dev_network_spike_number_0)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36471415

HILL MODEL (in red):

	tp	ga	gw
val:	120	0.609	0.3
sd:	48.7	1.2	0.114

GAIN-LOSS MODEL (in blue):

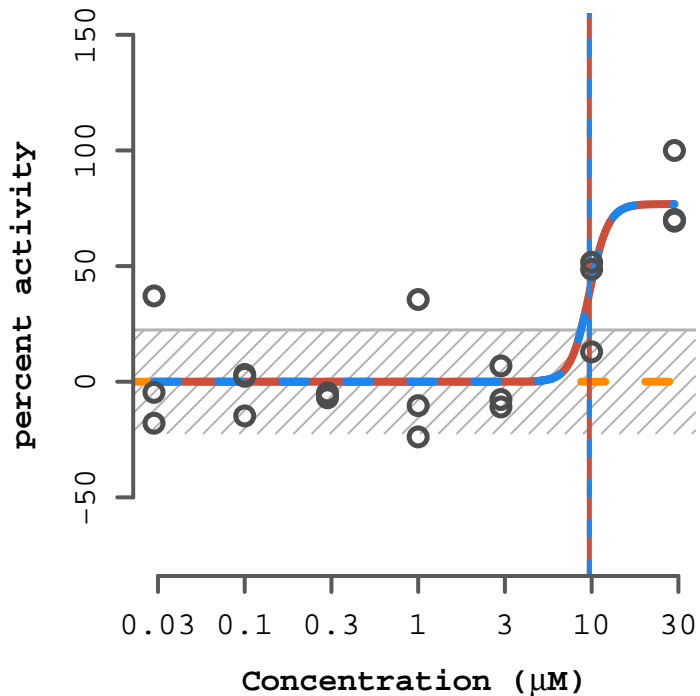
	tp	ga	gw	la	lw
val:	120	0.609	0.3	3.21	17.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	234.07	195.75	199.74
PROB:	0	0.88	0.12
RMSE:	56.07	20.6	20.6

MAX_MEAN: 93.7 MAX_MED: 92.1 BMAD: 22.8

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

FLAGS: 6



ASSAY: AEID2512 (NHEERL_MEA_dev_network_spike_peak_dn

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36471879

HILL MODEL (in red):

	tp	ga	gw
val:	76.8	0.987	8
sd:	9.15	0.0714	39.2

GAIN-LOSS MODEL (in blue):

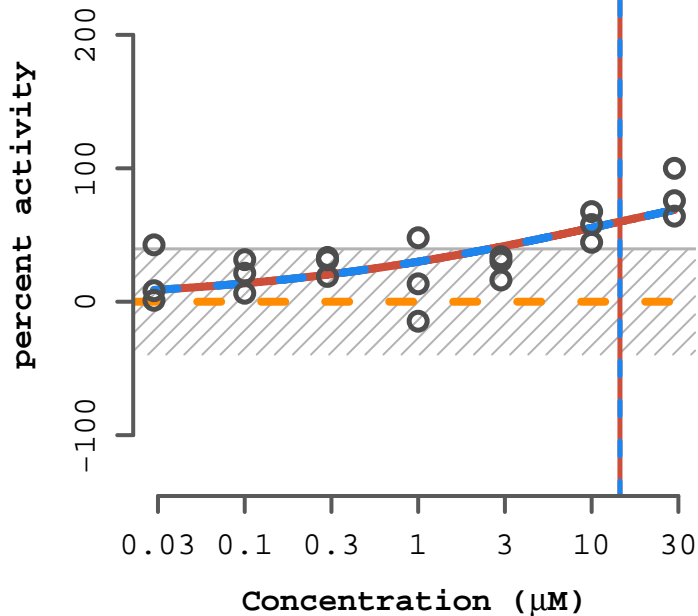
	tp	ga	gw	la	lw
val:	76.8	0.987	8	3.43	2.05
sd:	80.6	0.138	39.4	5170	4390

	CNST	HILL	GNLS
AIC:	211.68	186.08	190.08
PROB:	0	0.88	0.12
RMSE:	37.27	16.72	16.72

MAX_MEAN: 79.9 MAX_MED: 70.2 BMAD: 7.46

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

FLAGS:



ASSAY: AEID2514 (NHEERL_MEA_dev_spike_duration_mean_d)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36472449

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.16	0.41
sd:	50.8	0.874	0.122

GAIN-LOSS MODEL (in blue):

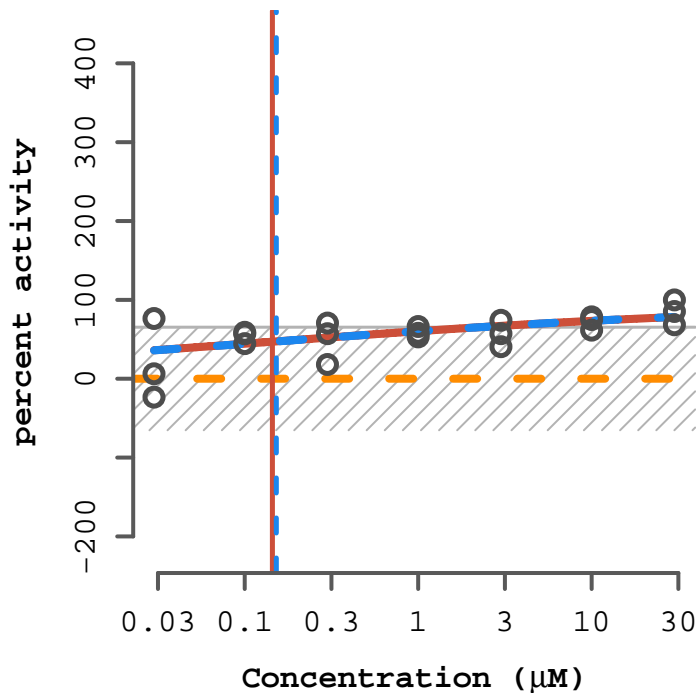
	tp	ga	gw	la	lw
val:	120	1.16	0.41	2.51	16.4
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	222.31	188.56	192.56
PROB:	0	0.88	0.12
RMSE:	43.99	17.75	17.75

MAX_MEAN: 80 MAX_MED: 75.8 BMAD: 13.2

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

FLAGS:



ASSAY: AEID2516 (NHEERL_MEA_dev_network_spike_duration)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36472945

HILL MODEL (in red):

	tp	ga	gw
val:	94	-0.84	0.3
sd:	98.1	2.92	0.642

GAIN-LOSS MODEL (in blue):

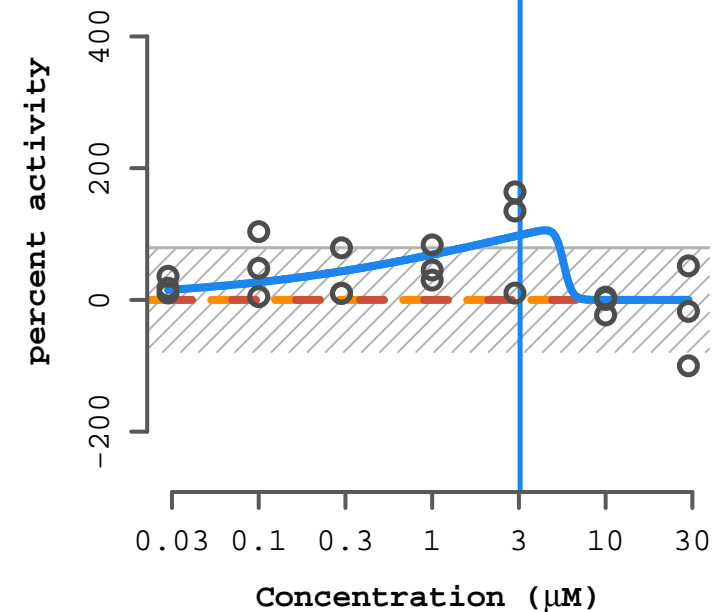
	tp	ga	gw	la	lw
val:	94.4	-0.818	0.3	3.38	7.19
sd:	176	5.18	1.13	220000	623000

	CNST	HILL	GNLS
AIC:	239.57	195.07	199.07
PROB:	0	0.88	0.12
RMSE:	62.59	21.45	21.43

MAX_MEAN: 84.6 MAX_MED: 85.3 BMAD: 21.8

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

FLAGS:



ASSAY: AEID2519 (NHEERL_MEA_dev_per_network_spike_int)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36473016

HILL MODEL (in red):

	tp	ga	gw
val:	128	1.98	7.97
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

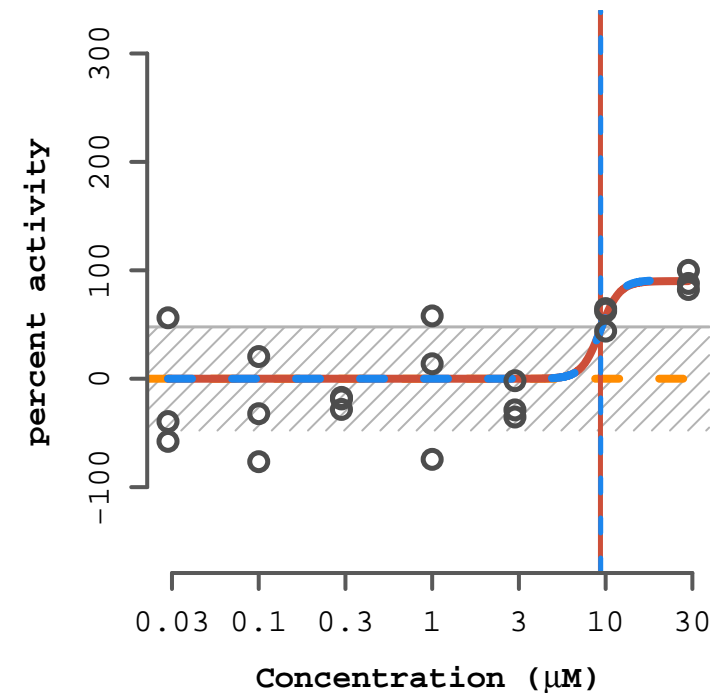
	tp	ga	gw	la	lw
val:	197	0.507	0.531	0.757	17.8
sd:	223	1.41	0.353	2.37	166

	CNST	HILL	GNLS
AIC:	236.41	242.41	230.88
PROB:	0.06	0	0.94
RMSE:	65.48	65.48	43.65

MAX_MEAN: 103 MAX_MED: 135 BMAD: 26.4

COFF: 79.2 HIT-CALL: 1 FITC: 51 ACTP: 0.94

FLAGS: 16; 7



ASSAY: AEID2520 (NHEERL_MEA_dev_per_network_spike_spi)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36473742

HILL MODEL (in red):

	tp	ga	gw
val:	90.1	0.97	8
sd:	16	0.125	30.9

GAIN-LOSS MODEL (in blue):

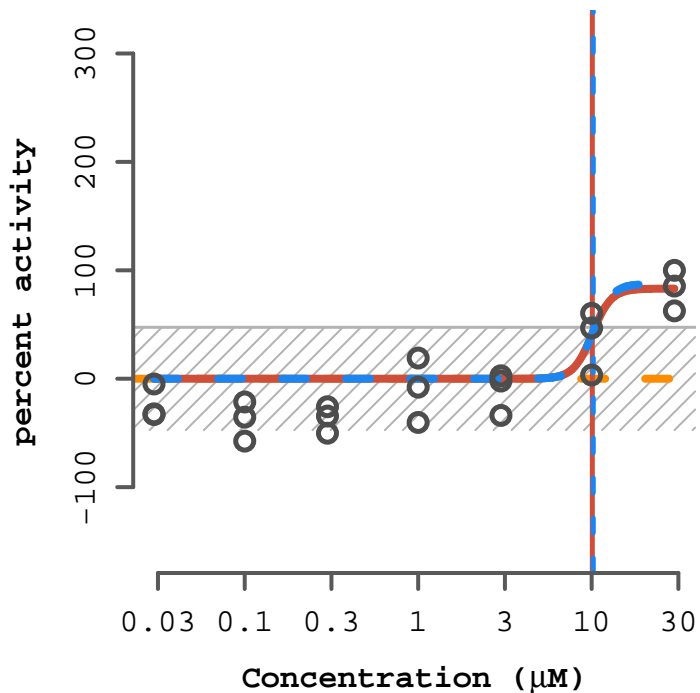
	tp	ga	gw	la	lw
val:	90.9	0.971	8	1.78	6.68
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	232.66	220.08	224.08
PROB:	0	0.88	0.12
RMSE:	54.54	36.76	36.76

MAX_MEAN: 90.1 MAX_MED: 87.9 BMAD: 15.9

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

FLAGS:



ASSAY: AEID2522 (NHEERL_MEA_dev_per_network_spike_spi)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36474186

HILL MODEL (in red):

	tp	ga	gw
val:	83.1	1	8
sd:	15	0.0567	55.7

GAIN-LOSS MODEL (in blue):

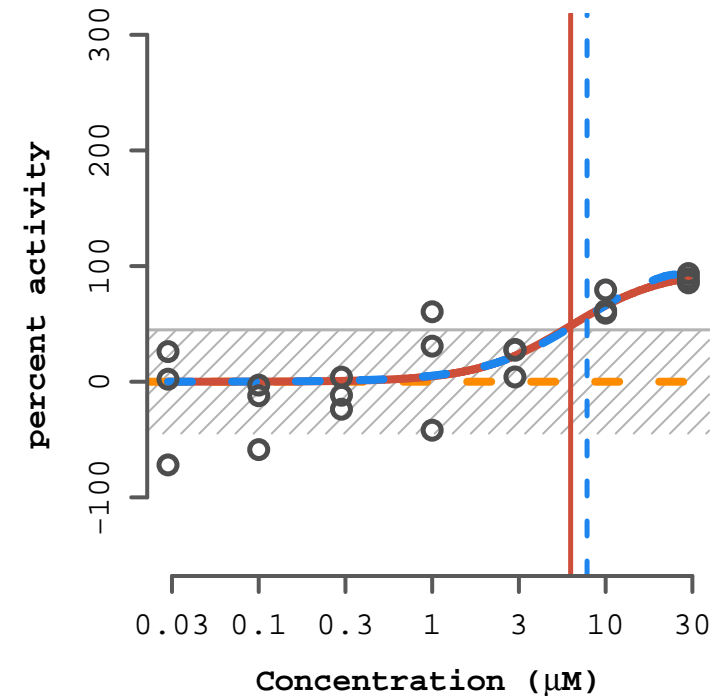
	tp	ga	gw	la	lw
val:	87.7	1.01	8	1.67	6.61
sd:	840	0.966	57.2	8.36	304

	CNST	HILL	GNLS
AIC:	222.89	211.21	215.21
PROB:	0	0.88	0.12
RMSE:	44.63	28.67	28.67

MAX_MEAN: 82.7 MAX_MED: 85.5 BMAD: 15.8

COFF: 47.4 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6



ASSAY: AEID2524 (NHEERL_MEA_dev_correlation_coefficie

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36474748

HILL MODEL (in red):

	tp	ga	gw
val:	96.8	0.798	1.62
sd:	20.2	0.188	0.863

GAIN-LOSS MODEL (in blue):

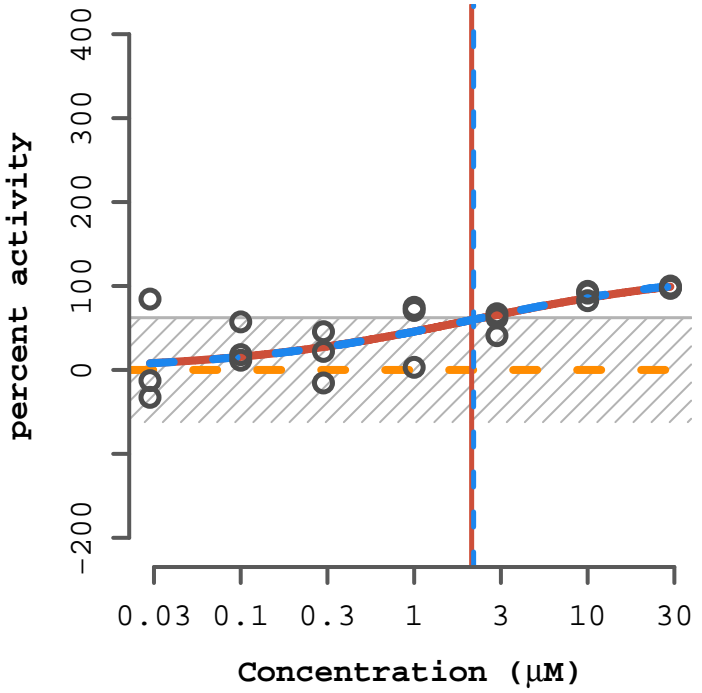
	tp	ga	gw	la	lw
val:	112	0.893	1.47	1.61	7.71
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	229.45	205.73	209.71
PROB:	0	0.88	0.12
RMSE:	51.5	28.34	28.33

MAX_MEAN: 89.4 MAX_MED: 89.2 BMAD: 15

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

FLAGS:



ASSAY: AEID2526 (NHEERL_MEA_dev_mutual_information_no:

NAME: Chlorpyrifos oxon
CHID: 38666 CASRN: 5598-15-2
SPID(S): EX000378
M4ID: 36474940

HILL MODEL (in red):

	tp	ga	gw
val:	119	0.331	0.614
sd:	38.1	0.615	0.286

GAIN-LOSS MODEL (in blue):

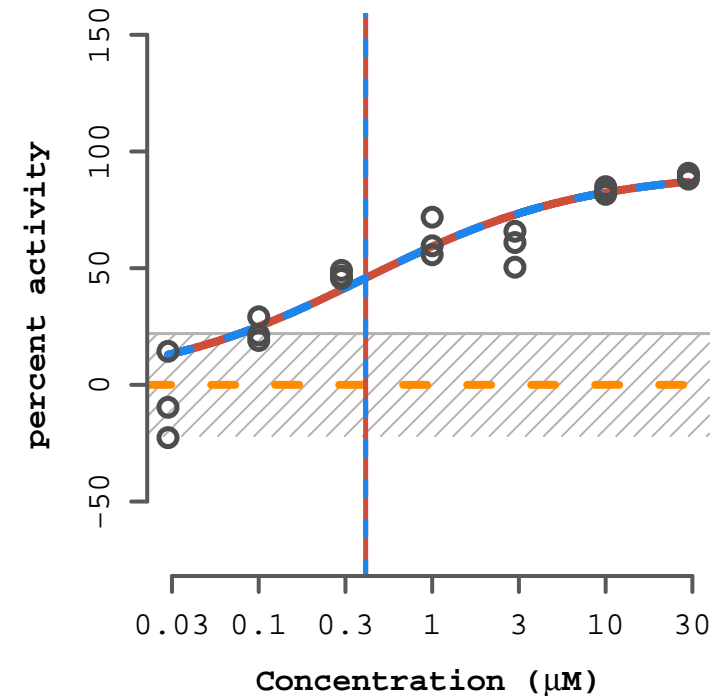
	tp	ga	gw	la	lw
val:	120	0.343	0.618	1.58	18
sd:	126	1.74	0.509	0.437	81.8

	CNST	HILL	GNLS
AIC:	240.24	205.59	209.58
PROB:	0	0.88	0.12
RMSE:	64.94	27.51	27.52

MAX_MEAN: 98.4 MAX_MED: 98.1 BMAD: 20.7

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

FLAGS:



ASSAY: AEID2529 (NHEERL_MEA_dev_LDH_up)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36475600

HILL MODEL (in red):

	tp	ga	gw
val:	91.6	-0.384	0.689
sd:	7.42	0.175	0.165

GAIN-LOSS MODEL (in blue):

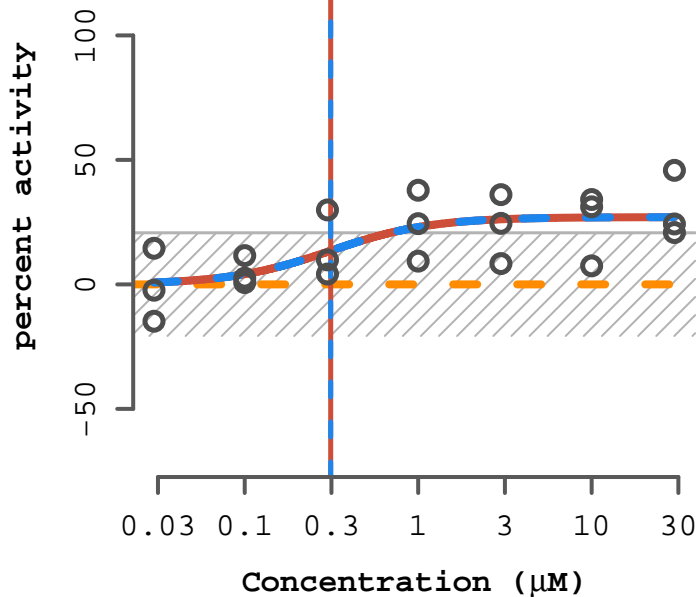
	tp	ga	gw	la	lw
val:	91.6	-0.384	0.689	2.94	10.3
sd:	7.42	0.175	0.165	198000	945000

	CNST	HILL	GNLS
AIC:	237.44	166.08	170.08
PROB:	0	0.88	0.12
RMSE:	60.29	11.68	11.68

MAX_MEAN: 89.5 MAX_MED: 89.5 BMAD: 7.33

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

FLAGS:



ASSAY: AEID2530 (NHEERL_MEA_dev_AB_dn)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36475726

HILL MODEL (in red):

	tp	ga	gw
val:	27	-0.504	1.51
sd:	4.47	0.284	1.18

GAIN-LOSS MODEL (in blue):

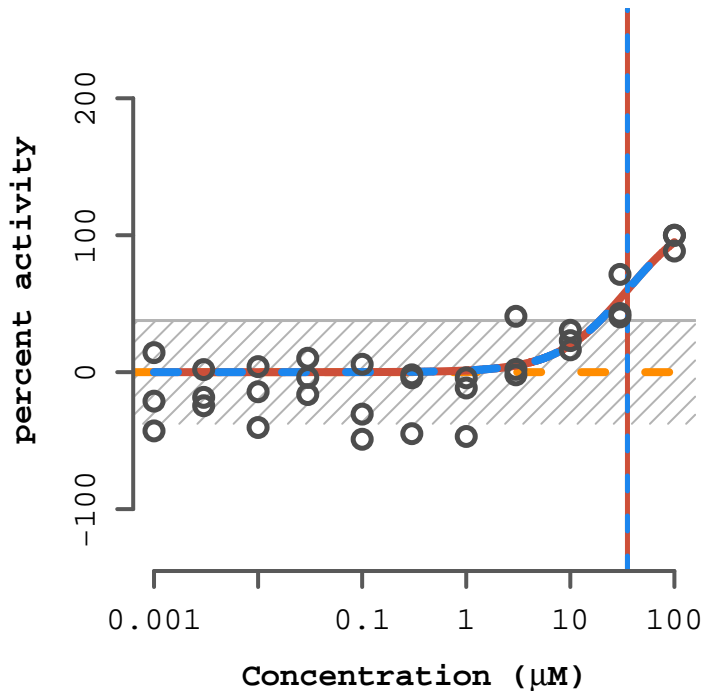
	tp	ga	gw	la	lw
val:	27	-0.504	1.51	1.91	15.5
sd:	4.47	0.284	1.18	257	9150

	CNST	HILL	GNLS
AIC:	195.35	170.87	174.87
PROB:	0	0.88	0.12
RMSE:	22.87	11.03	11.03

MAX_MEAN: 30.3 MAX_MED: 31.2 BMAD: 6.91

COFF: 20.7 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 17



ASSAY: AEID2789 (MUNDY_HCI_hn2_NOG_BPCount_loss)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36488442

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.55	1.28
sd:	36.5	0.288	0.481

GAIN-LOSS MODEL (in blue):

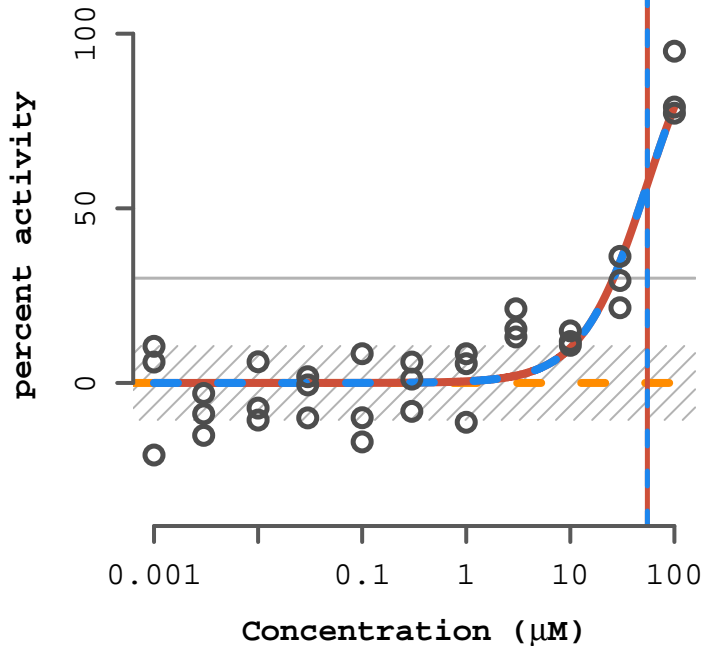
	tp	ga	gw	la	lw
val:	120	1.55	1.28	3.01	10.8
sd:	36.6	0.288	0.482	26700	286000

	CNST	HILL	GNLS
AIC:	338.16	304.69	308.69
PROB:	0	0.88	0.12
RMSE:	40.16	21.89	21.89

MAX_MEAN: 96.2 MAX_MED: 100 BMAD: 12.6

COFF: 37.7 HIT-CALL: 1 FITC: 42 ACTP: 1

FLAGS:



ASSAY: AEID2790 (MUNDY_HCI_hN2_NOG_NeuriteCount_loss)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36488357

HILL MODEL (in red):

	tp	ga	gw
val:	114	1.74	1.37
sd:	27.8	0.183	0.393

GAIN-LOSS MODEL (in blue):

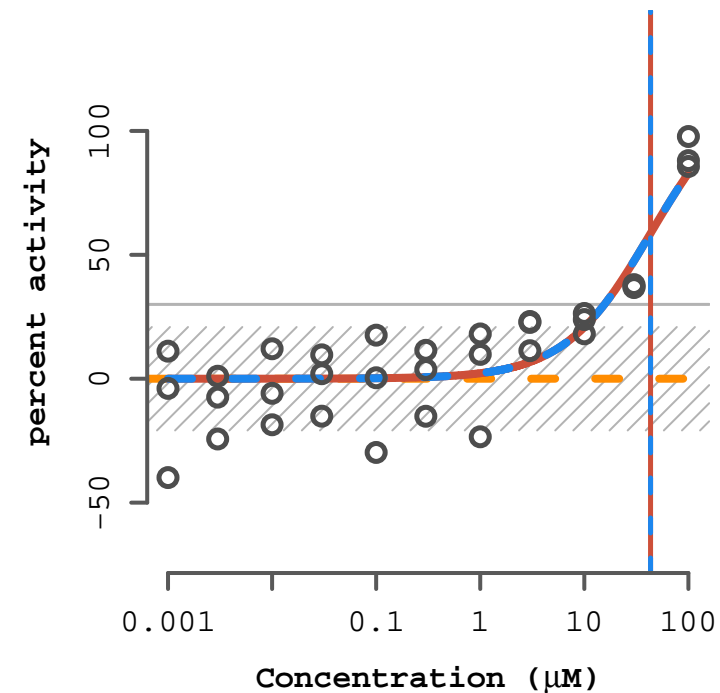
	tp	ga	gw	la	lw
val:	114	1.74	1.37	2.79	10.9
sd:	27.8	0.183	0.394	844	11600

	CNST	HILL	GNLS
AIC:	304.24	255.3	259.3
PROB:	0	0.88	0.12
RMSE:	28.7	9.73	9.73

MAX_MEAN: 83.8 MAX_MED: 79 BMAD: 3.53

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

FLAGS:



ASSAY: AEID2791 (MUNDY_HCI_hN2_NOG_NeuriteLength_loss

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36488295

HILL MODEL (in red):

	tp	ga	gw
val:	117	1.64	1.05
sd:	26.3	0.213	0.283

GAIN-LOSS MODEL (in blue):

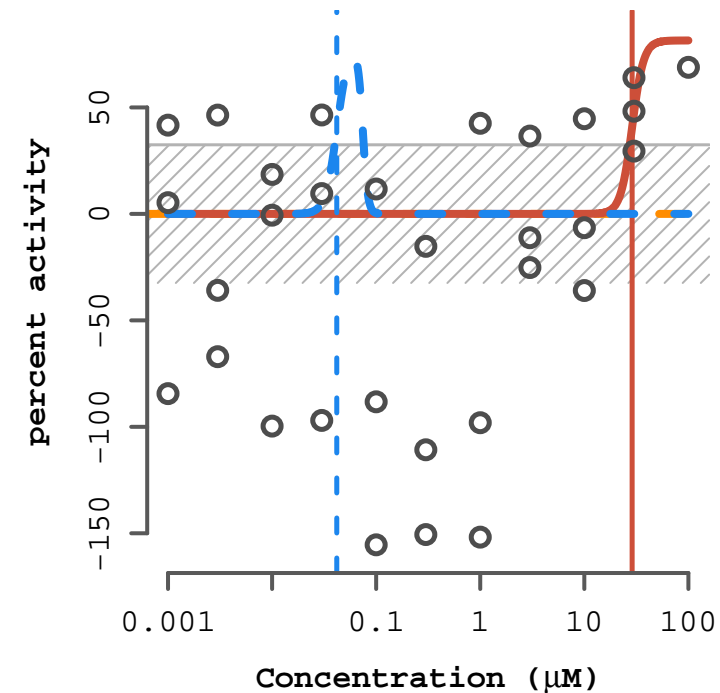
	tp	ga	gw	la	lw
val:	117	1.64	1.05	2.61	18
sd:	26.3	0.213	0.283	2140	60200

	CNST	HILL	GNLS
AIC:	322.61	279.13	283.13
PROB:	0	0.88	0.12
RMSE:	33.66	14.49	14.49

MAX_MEAN: 90.5 MAX_MED: 88 BMAD: 6.96

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

FLAGS:



ASSAY: AEID2792 (MUNDY_HCI_hN2_NOG_NeuronCount_loss)

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36488171

HILL MODEL (in red):

	tp	ga	gw
val:	81.4	1.46	7.89
sd:	26.5	0.513	226

GAIN-LOSS MODEL (in blue):

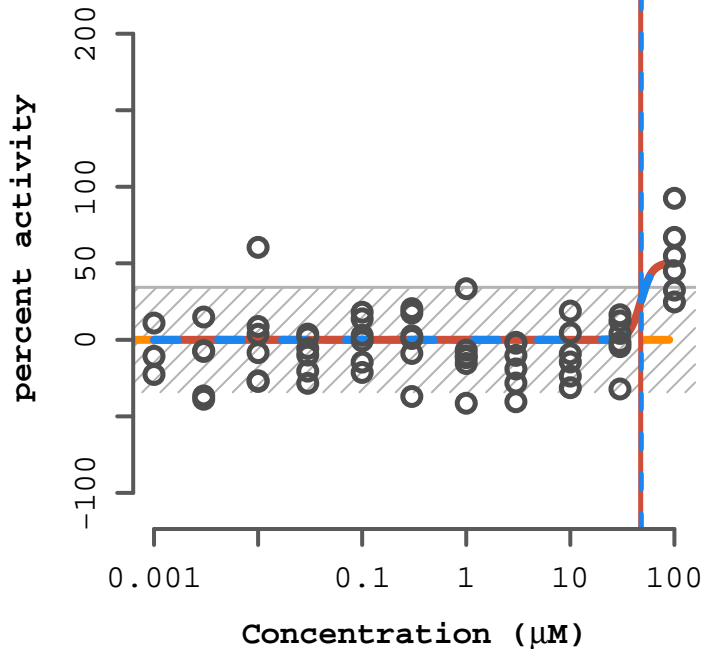
	tp	ga	gw	la	lw
val:	79.5	-1.38	8	-1.13	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	380.74	378.07	390.82
PROB:	0.21	0.79	0
RMSE:	72.47	66.68	72.61

MAX_MEAN: 81.4 MAX_MED: 86.3 BMAD: 10.8

COFF: 32.5 HIT-CALL: 1 FITC: 41 ACTP: 0.79

FLAGS: 11; 10



ASSAY: AEID2797 (MUNDY_HCI_hNPl_Pro_ResponderAvgInten_

NAME: Chlorpyrifos oxon

CHID: 38666 CASRN: 5598-15-2

SPID(S): EX000378

M4ID: 36489626

HILL MODEL (in red):

	tp	ga	gw
val:	50.1	1.68	7.99
sd:	26.1	3.97	158

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	51.3	1.68	7.82	3.35	1.2
sd:	371	3.77	141	153	135

	CNST	HILL	GNLS
AIC:	580.98	563.02	567.02
PROB:	0	0.88	0.12
RMSE:	26.52	20.86	20.86

MAX_MEAN: 52.8 MAX_MED: 49.9 BMAD: 11.4

COFF: 34.3 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS: 6; 17