

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

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42616972

HILL MODEL (in red):

	tp	ga	gw
val:	106	-0.68	0.762
sd:	3.34	0.0835	0.155

GAIN-LOSS MODEL (in blue):

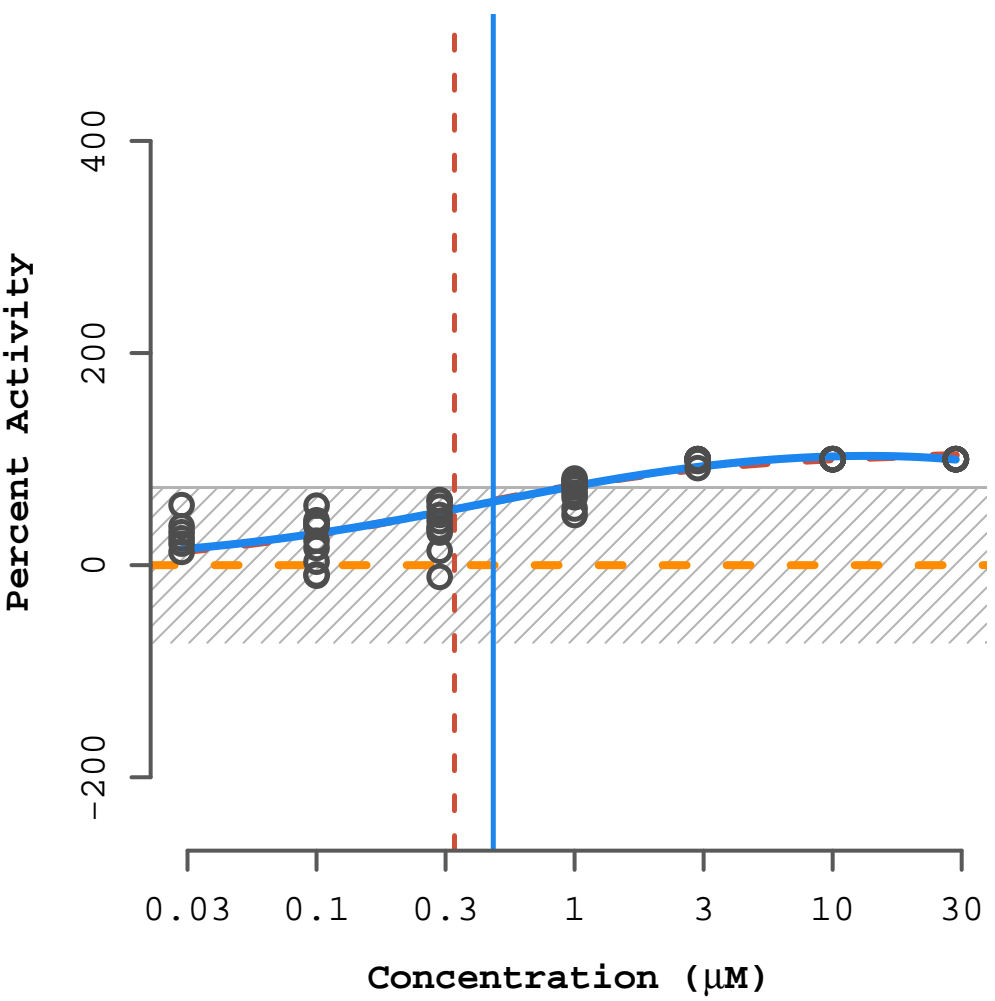
	tp	ga	gw	la	lw
val:	115	-0.604	0.604	1.54	16.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	779.84	550.2	550.31
PROB:	0	0.51	0.49
RMSE:	79.35	20.39	20.74

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.6

COFF: 70.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2496 (CCTE\_Shafer\_MEA\_dev\_burst\_rate\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42617828

HILL MODEL (in red):

	tp	ga	gw
val:	107	-0.465	0.802
sd:	3.39	0.0729	0.12

GAIN-LOSS MODEL (in blue):

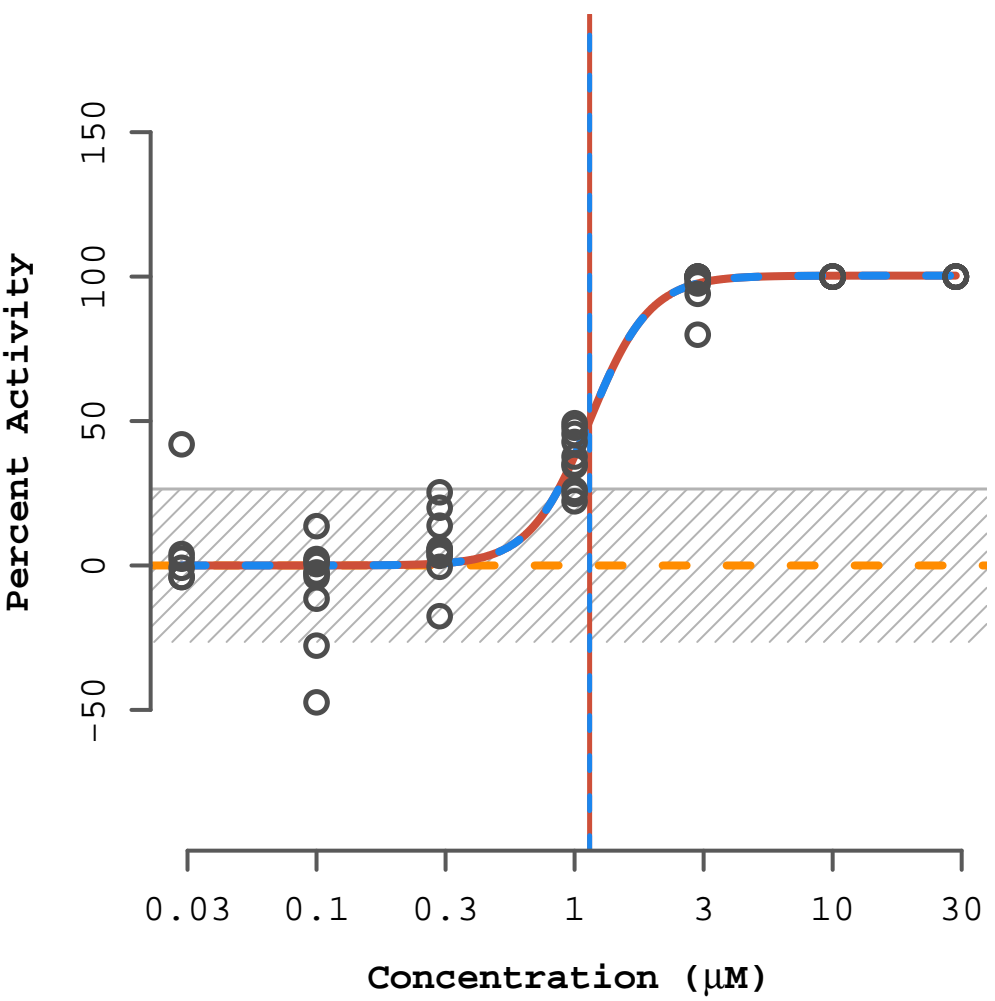
	tp	ga	gw	la	lw
val:	120	-0.315	0.699	2.29	1.05
sd:	12.4	0.144	0.111	0.452	0.722

	CNST	HILL	GNLS
AIC:	773.39	544.9	542.55
PROB:	0	0.24	0.76
RMSE:	76.15	15.86	15.5

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.4

COFF: 73.2      HIT-CALL: 1      FITC: 51      ACTP: 1

FLAGS:



ASSAY: AEID2498 (CCTE\_Shafer\_MEA\_dev\_active\_electrodes\_number\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42618780

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.0582	3.71
sd:	1.04	0.0157	0.701

GAIN-LOSS MODEL (in blue):

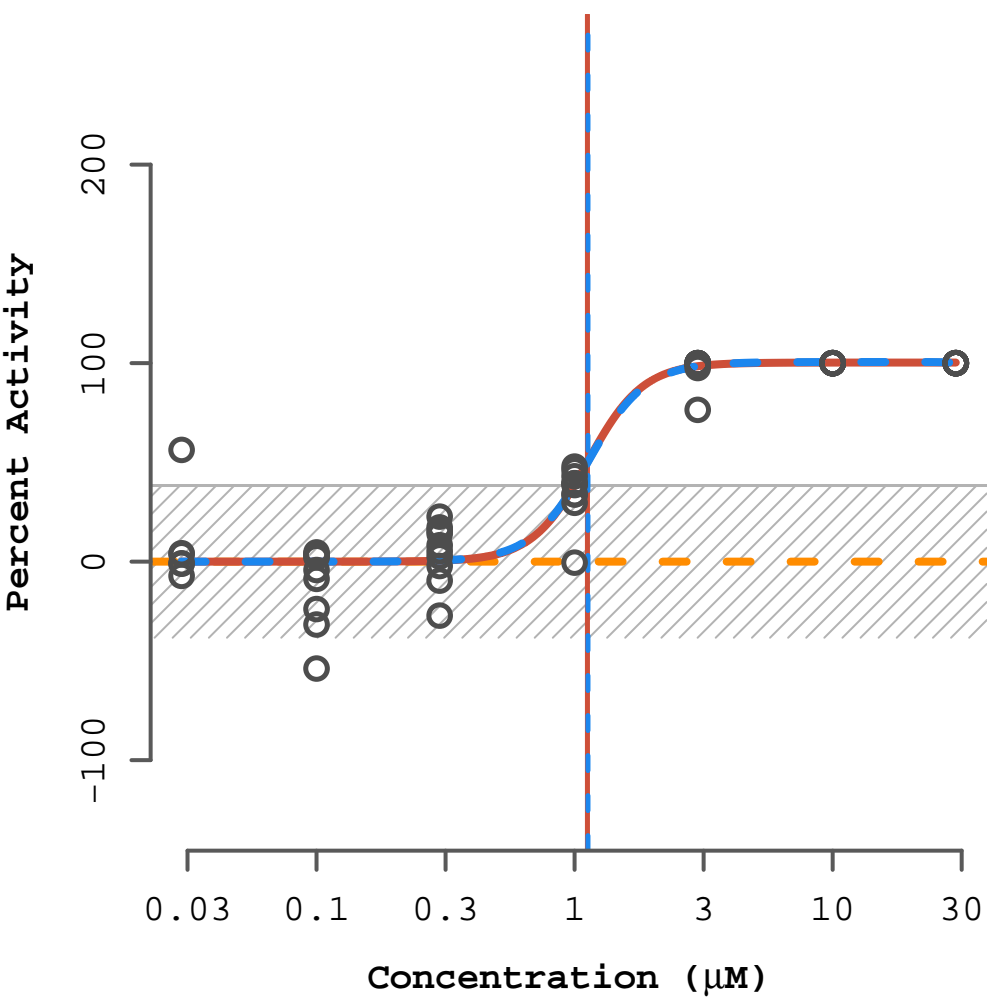
	tp	ga	gw	la	lw
val:	100	0.0582	3.71	3.04	13.4
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	756.76	475.52	479.52
PROB:	0	0.88	0.12
RMSE:	69.15	11.01	11.01

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 8.82

COFF: 26.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2500 (CCTE\_Shafer\_MEA\_dev\_bursting\_electrodes\_number\_  
NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): EX000411  
M4ID: 42619815

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.0498	4.04
sd:	1.12	0.0159	1.05

GAIN-LOSS MODEL (in blue):

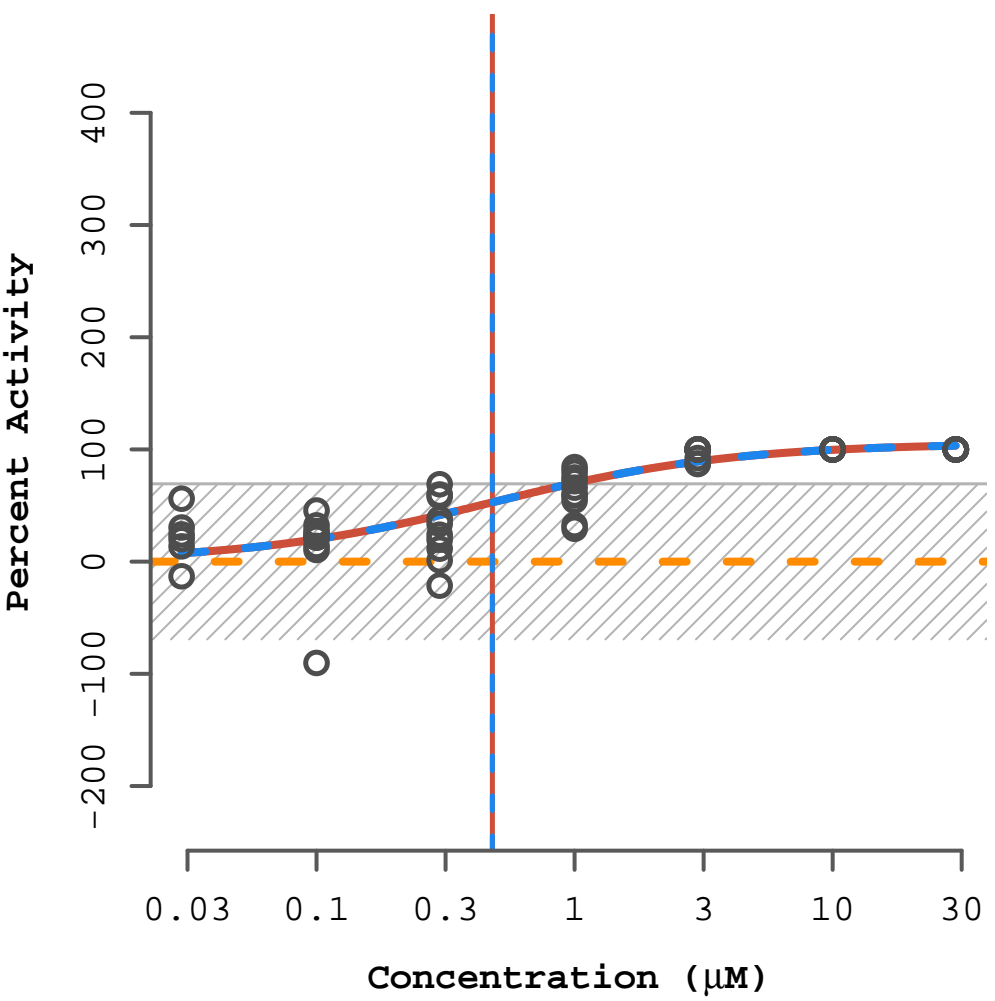
	tp	ga	gw	la	lw
val:	101	0.0518	3.91	1.65	12.9
sd:	1.6	0.0174	1.03	0.379	28.9

	CNST	HILL	GNLS
AIC:	757.77	495.42	499.36
PROB:	0	0.88	0.12
RMSE:	69.55	13.68	13.68

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 12.8

COFF: 38.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2502 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_interspike\_interv

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42620868

HILL MODEL (in red):

	tp	ga	gw
val:	106	-0.319	0.927
sd:	3.42	0.0737	0.127

GAIN-LOSS MODEL (in blue):

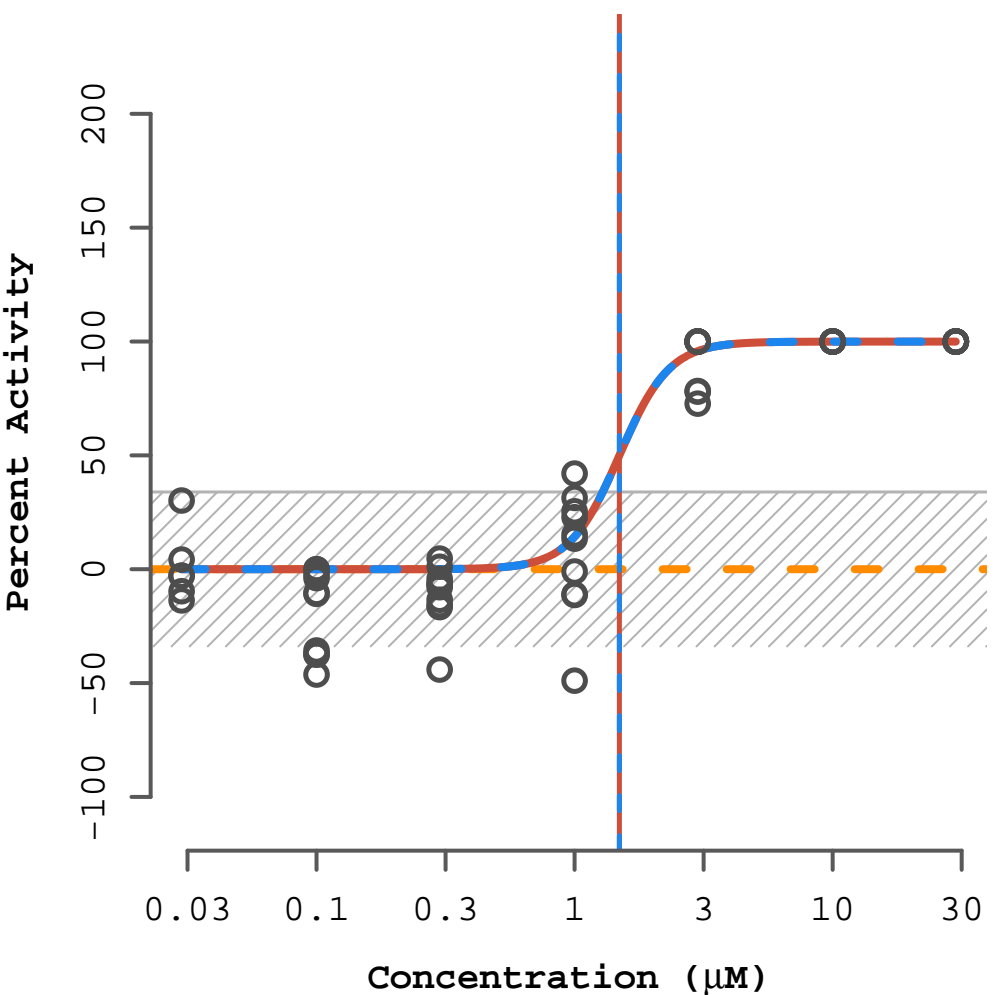
	tp	ga	gw	la	lw
val:	106	-0.319	0.927	2.17	14.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	770.6	567.88	571.88
PROB:	0	0.88	0.12
RMSE:	74.88	21.49	21.49

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.1

COFF: 69.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2504 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_spike\_percent\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42621707

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.174	4.48
sd:	1.98	0.0465	0.971

GAIN-LOSS MODEL (in blue):

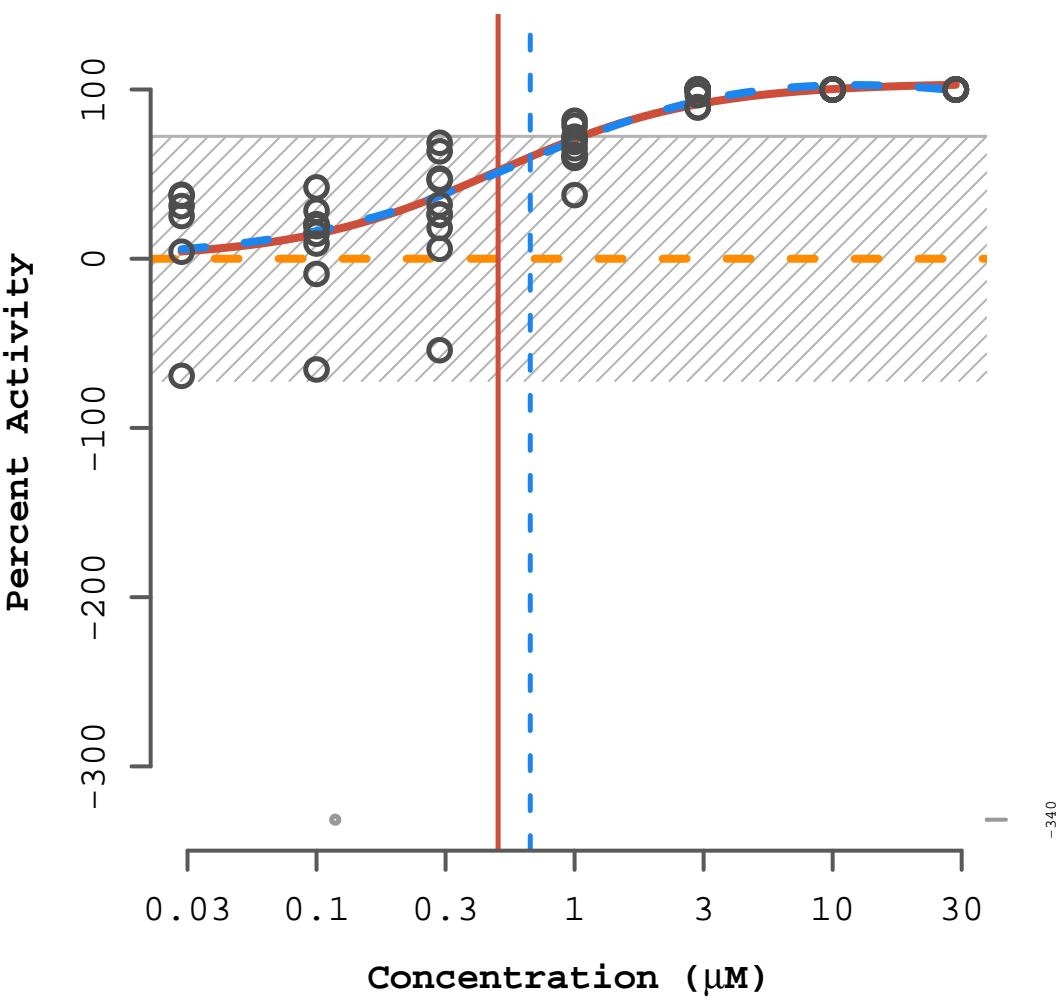
	tp	ga	gw	la	lw
val:	100	0.174	4.48	3.42	15.2
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	753.99	548.6	552.6
PROB:	0	0.88	0.12
RMSE:	67.98	16.78	16.78

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 11.3

COFF: 33.9      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2506 (CCTE\_Shafer\_MEA\_dev\_burst\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): EX000411  
M4ID: 42622572 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.296	1.11
sd:	2.93	0.0604	0.164

GAIN-LOSS MODEL (in blue):

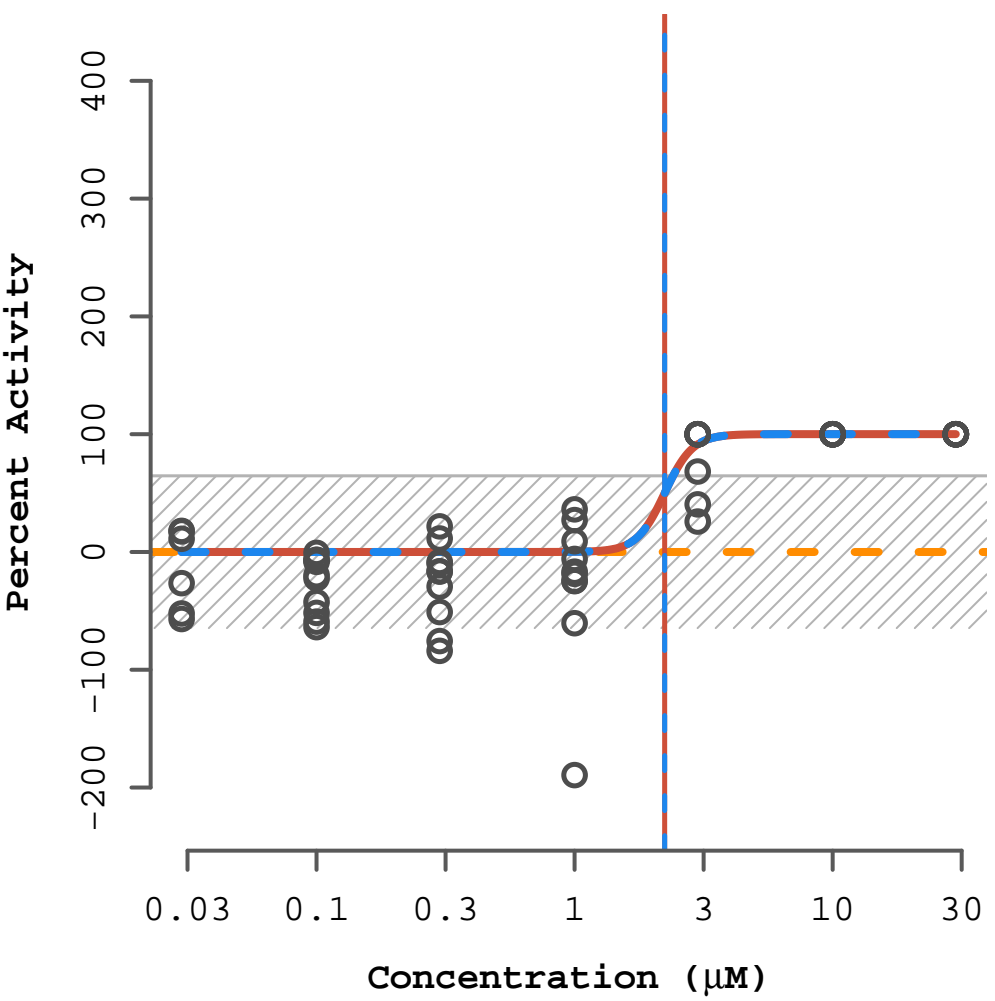
	tp	ga	gw	la	lw
val:	120	-0.172	0.967	2.74	0.599
sd:	19.3	0.131	0.172	1.02	0.602

	CNST	HILL	GNLS
AIC:	781.43	592.73	593.35
PROB:	0	0.58	0.42
RMSE:	86.3	48.66	48.81

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2508 (CCTE\_Shafer\_MEA\_dev\_interburst\_interval\_mean\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42623667

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.349	8
sd:	4.13	0.101	5.86

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	100	0.349	8	1.93	17.9
sd:	NaN	NaN	NaN	NaN	NaN

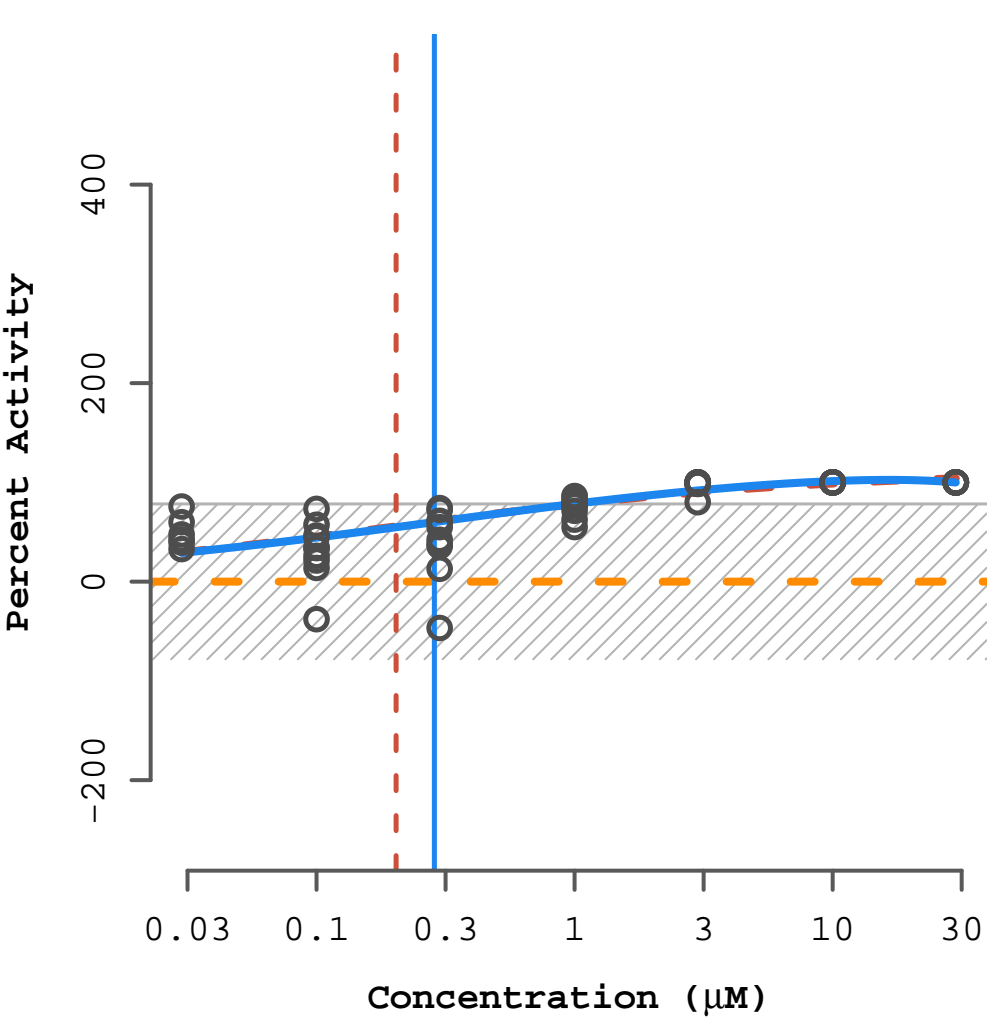
	CNST	HILL	GNLS
AIC:	765.1	644.18	648.18
PROB:	0	0.88	0.12
RMSE:	73.7	36.84	36.84

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 21.5

COFF: 64.6      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:





ASSAY: AEID2510 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_number\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42624464

HILL MODEL (in red):

	tp	ga	gw
val:	111	-0.692	0.533
sd:	5.98	0.121	0.102

GAIN-LOSS MODEL (in blue):

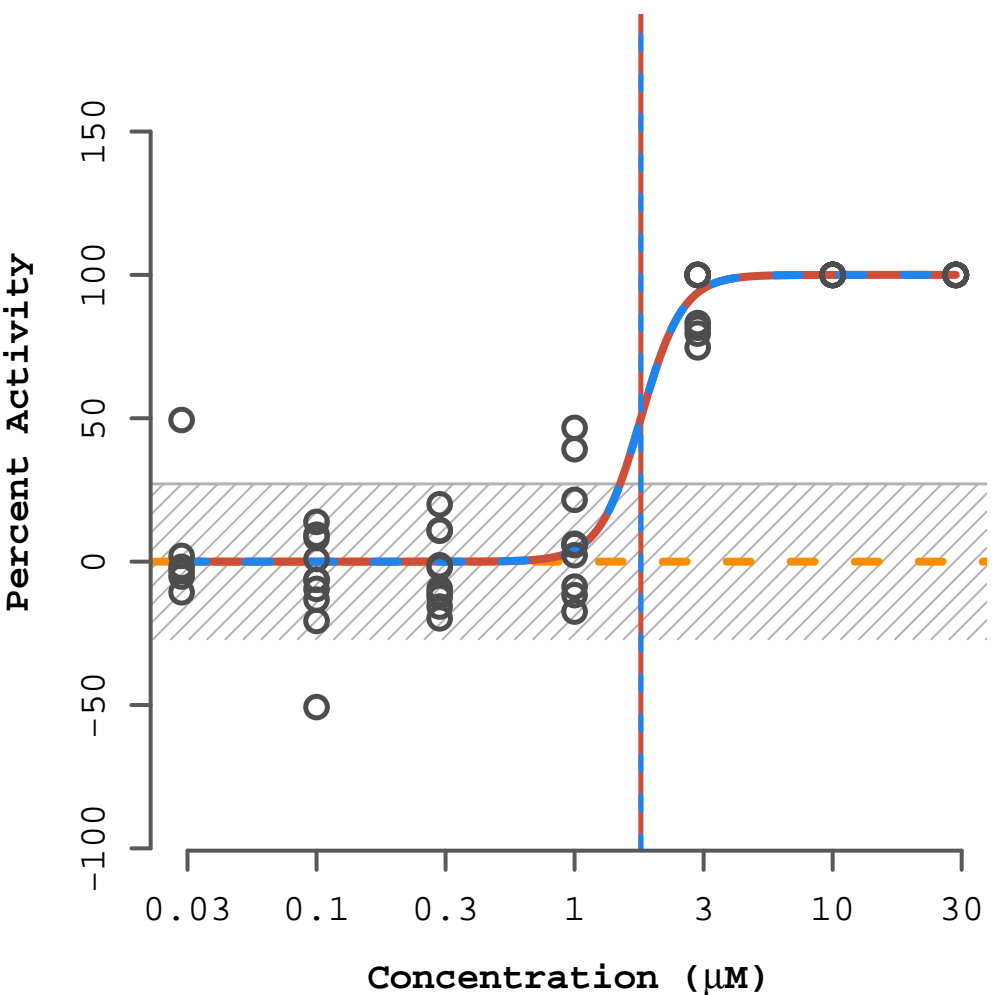
	tp	ga	gw	la	lw
val:	120	-0.543	0.507	2.12	1.58
sd:	11.9	0.199	0.0924	0.561	1.56

	CNST	HILL	GNLS
AIC:	779.97	564.37	563.77
PROB:	0	0.43	0.57
RMSE:	79.32	21.91	21.64

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 26.1

COFF: 78.3      HIT-CALL: 1      FITC: 51      ACTP: 1

FLAGS:



ASSAY: AEID2512 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_peak\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42625410

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.257	5.34
sd:	1.75	0.0486	1.12

GAIN-LOSS MODEL (in blue):

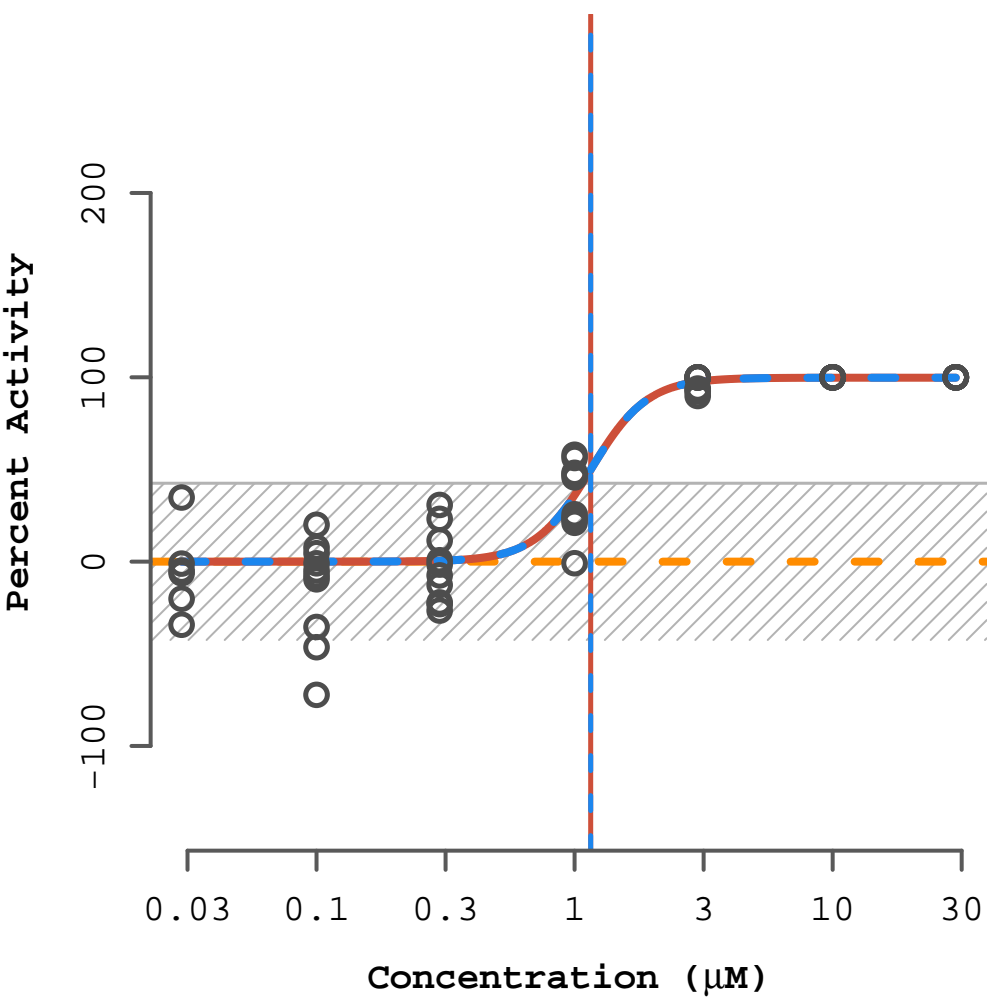
	tp	ga	gw	la	lw
val:	100	0.257	5.34	1.74	15.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	751.91	526.4	530.4
PROB:	0	0.88	0.12
RMSE:	67.22	14.16	14.16

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 9.04

COFF: 27.1      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2514 (CCTE\_Shafer\_MEA\_dev\_spike\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42626410

HILL MODEL (in red):

	tp	ga	gw
val:	99.8	0.0624	3.95
sd:	2.06	0.037	1.47

GAIN-LOSS MODEL (in blue):

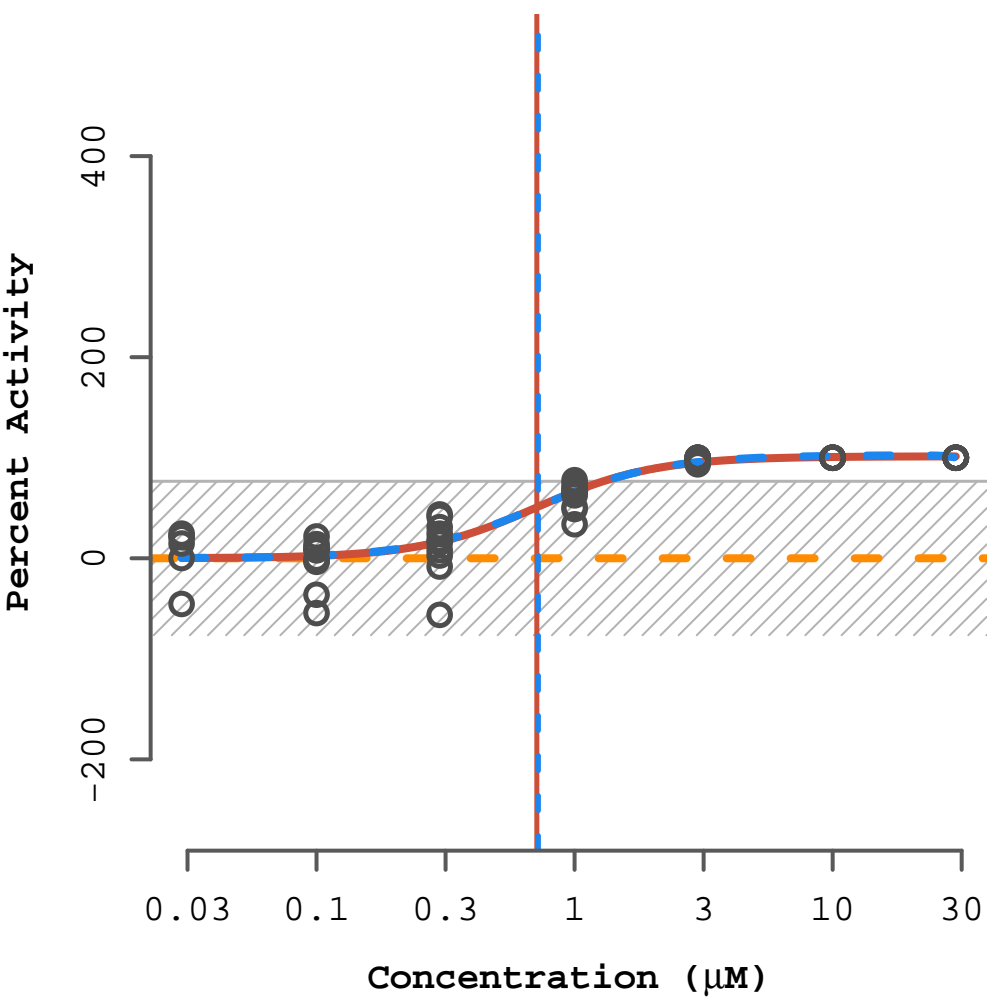
	tp	ga	gw	la	lw
val:	99.8	0.0624	3.95	2.11	11.5
sd:	2.06	0.037	1.47	310	5630

	CNST	HILL	GNLS
AIC:	759.58	550.68	554.68
PROB:	0	0.88	0.12
RMSE:	70.19	17.04	17.04

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 14.2

COFF: 42.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2516 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_duration\_std\_

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42627433

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.146	1.9
sd:	1.74	0.0349	0.253

GAIN-LOSS MODEL (in blue):

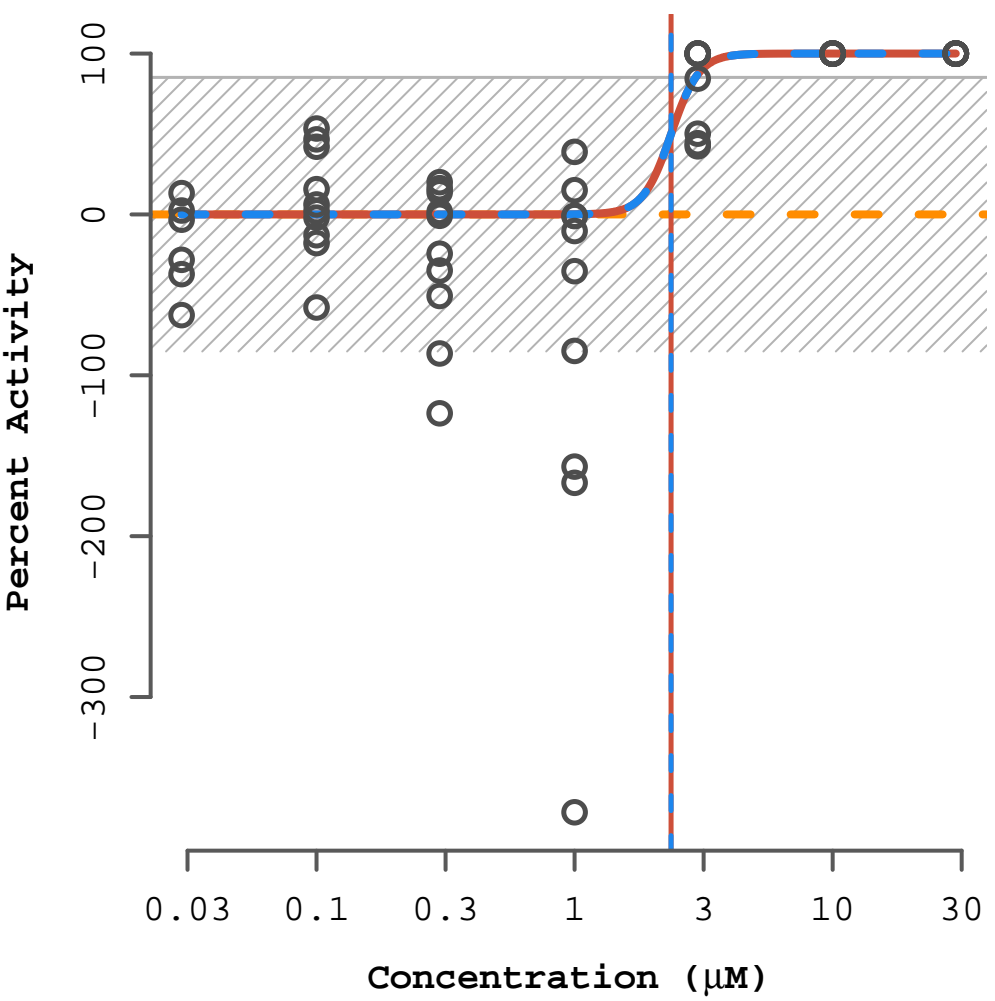
	tp	ga	gw	la	lw
val:	103	-0.14	1.84	1.61	12
sd:	2.52	0.0355	0.258	0.178	15.7

	CNST	HILL	GNLS
AIC:	766.92	539.68	543.16
PROB:	0	0.85	0.15
RMSE:	73.26	16.97	16.99

MAX\_MEAN: 100                      MAX\_MED: 100                      BMAD: 25.5

COFF: 76.6      HIT-CALL: 1              FITC: 41              ACTP: 1

FLAGS:



ASSAY: AEID2518 (CCTE\_Shafer\_MEA\_dev\_inter\_network\_spike\_interva

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): EX000411  
M4ID: 42628245

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.374	8
sd:	4.66	0.116	8.57

GAIN-LOSS MODEL (in blue):

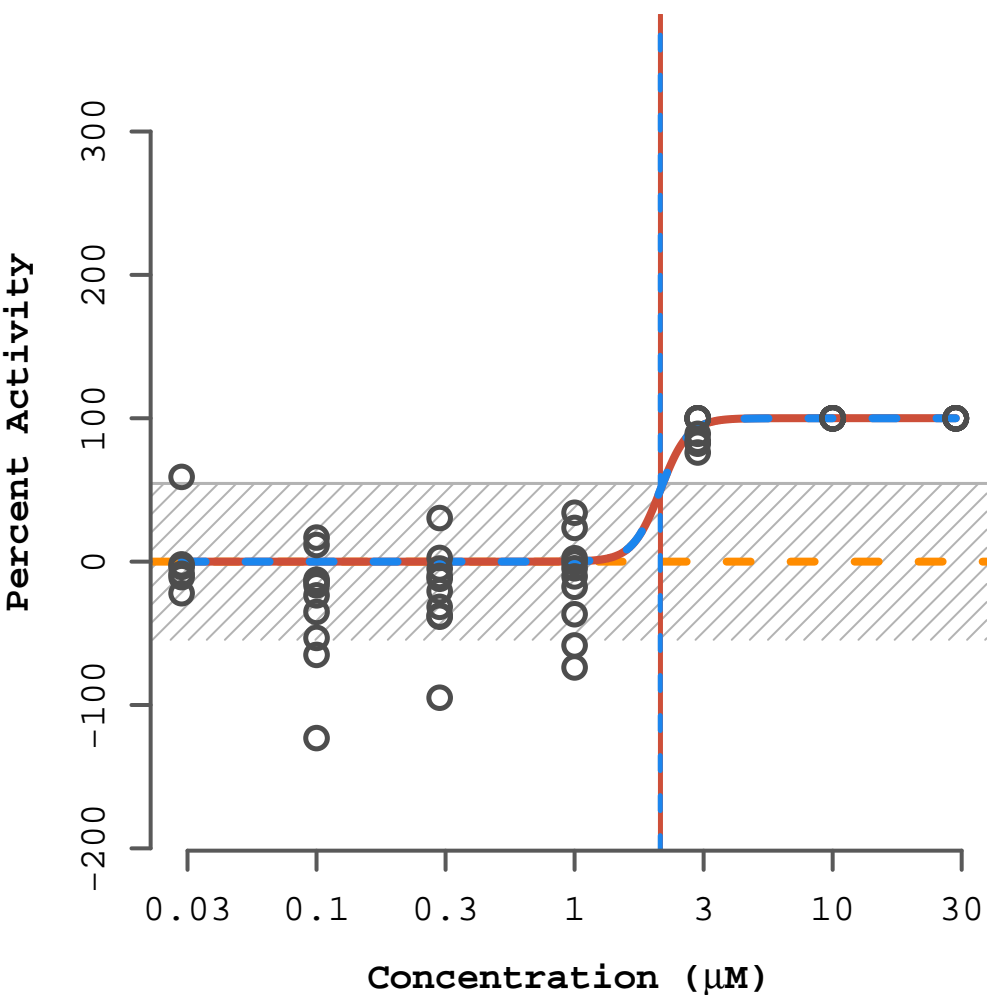
	tp	ga	gw	la	lw
val:	100	0.374	8	3.08	12
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	780.04	677.23	681.23
PROB:	0	0.88	0.12
RMSE:	88.71	61.83	61.83

MAX\_MEAN: 100                      MAX\_MED: 100                      BMAD: 28.4

COFF: 85.2      HIT-CALL: 1              FITC: 37              ACTP: 1

FLAGS: 11



ASSAY: AEID2520 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_num

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42629414

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.333	8
sd:	3.17	0.0902	4.67

GAIN-LOSS MODEL (in blue):

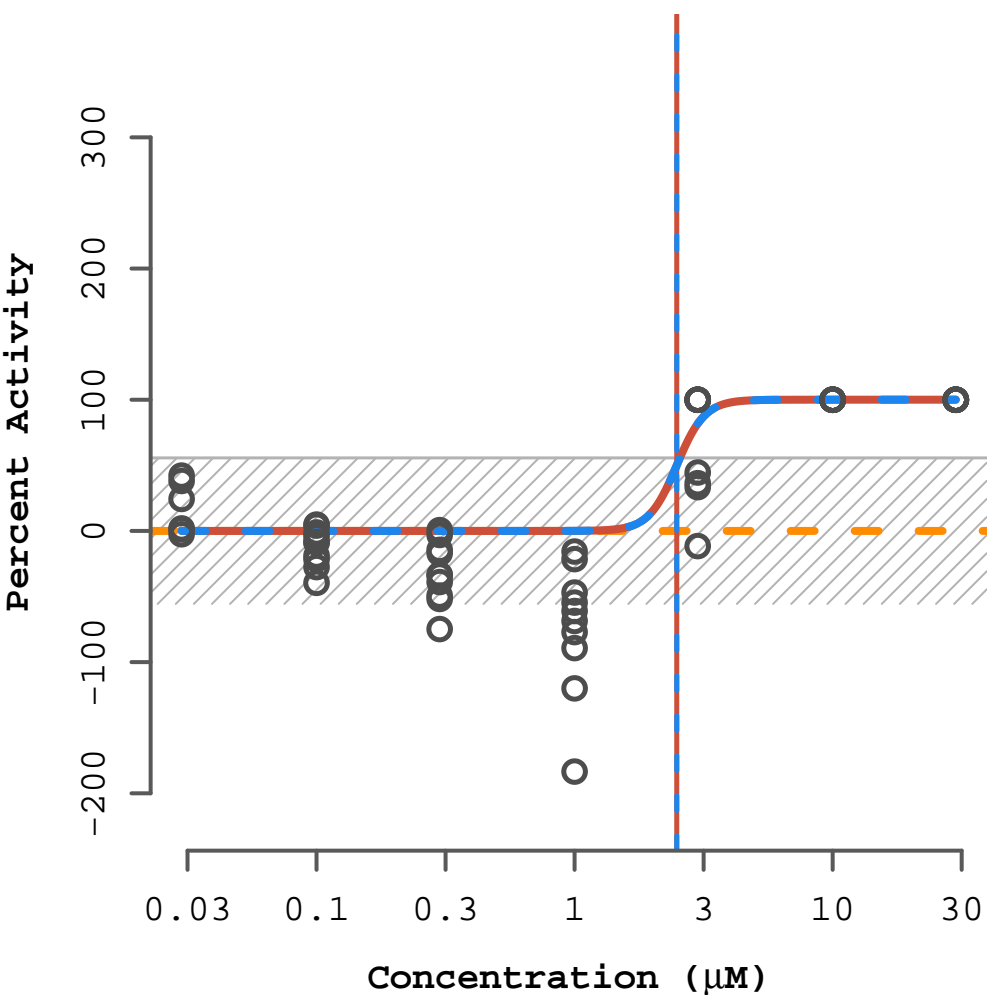
	tp	ga	gw	la	lw
val:	100	0.332	8	3.48	6.66
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	763.84	615.14	619.14
PROB:	0	0.88	0.12
RMSE:	72.16	29.37	29.37

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 18.2

COFF: 54.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2522 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_per

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42630280

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.396	8
sd:	5.07	0.0663	5.53

GAIN-LOSS MODEL (in blue):

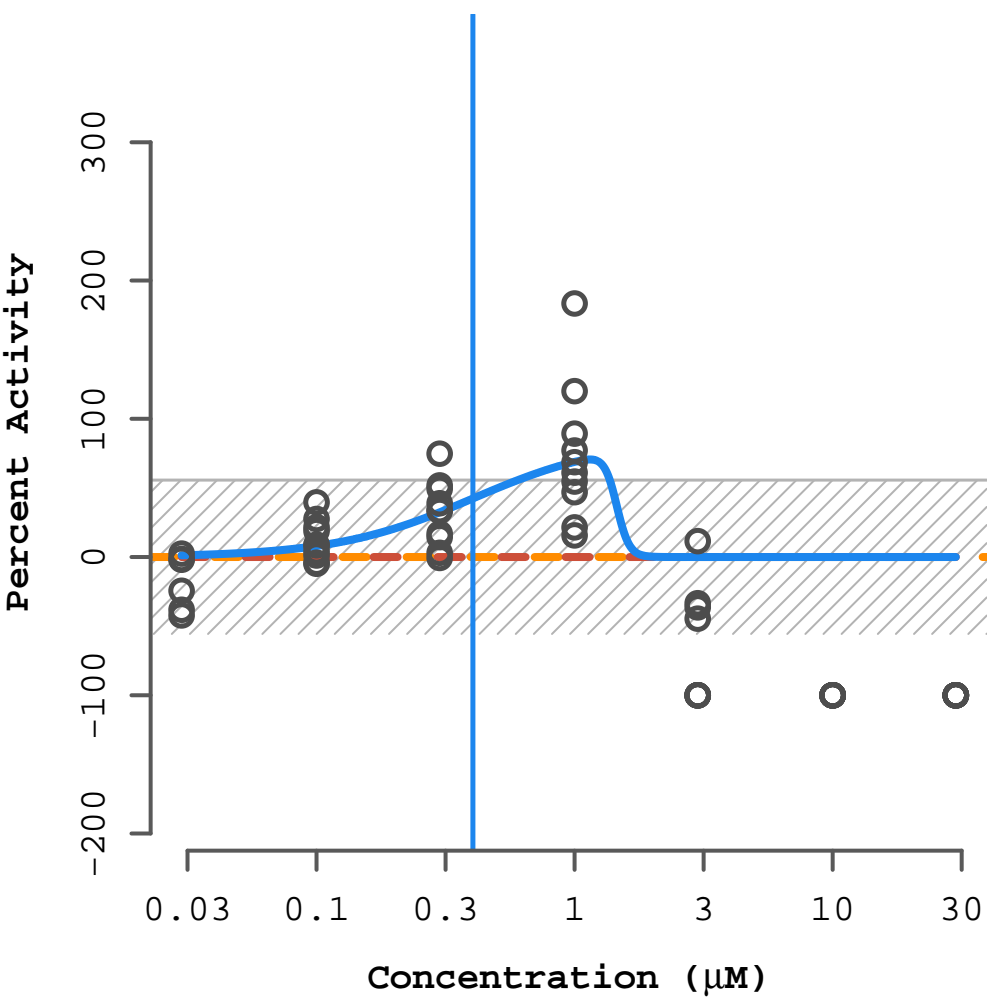
	tp	ga	gw	la	lw
val:	100	0.396	8	2.89	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	766.16	668.31	672.31
PROB:	0	0.88	0.12
RMSE:	74.16	41.75	41.75

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 18.6

COFF: 55.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2523 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_per

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42629711

HILL MODEL (in red):

	tp	ga	gw
val:	6.45e-08	-1.93	7.94
sd:	0.0717	64600	1270000

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	84.7	-0.394	1.62	0.163	17.9
sd:	76.8	0.663	1.93	2.86	216

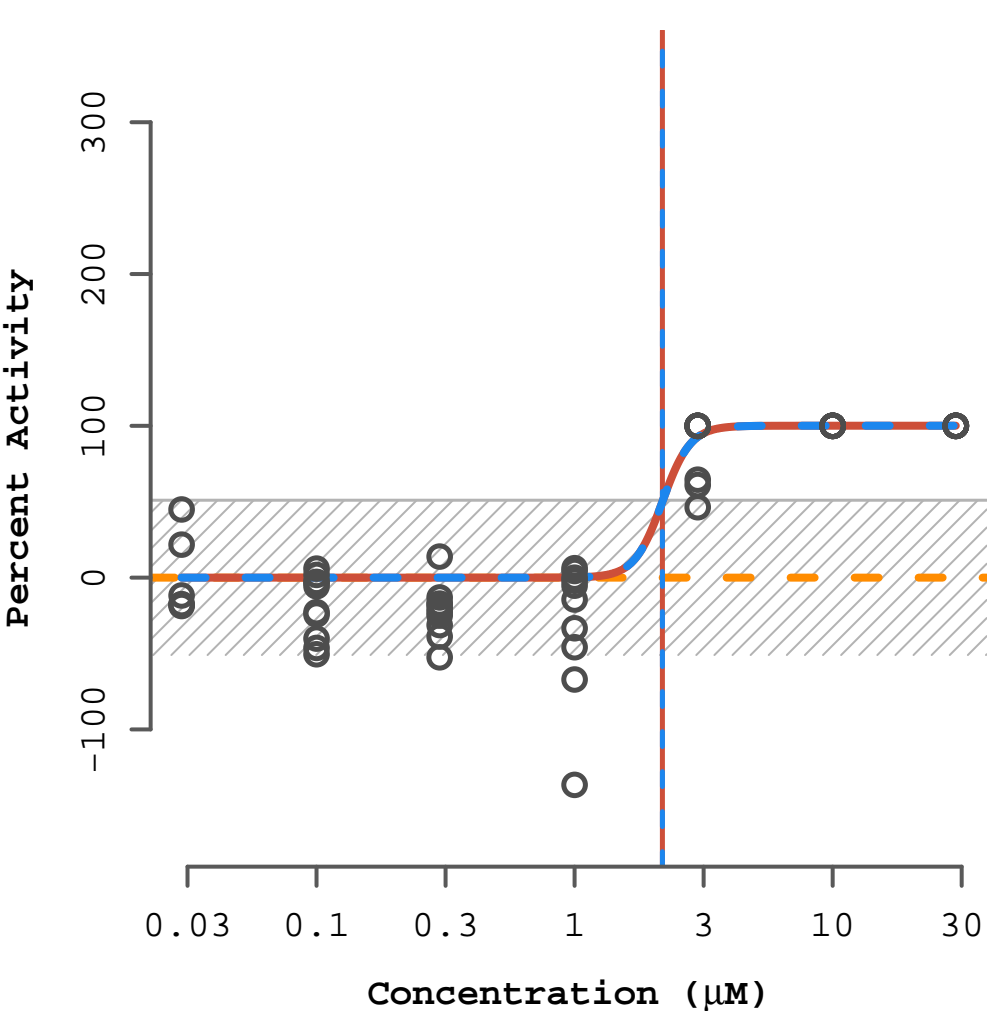
	CNST	HILL	GNLS
AIC:	766.16	772.16	761.75
PROB:	0.1	0	0.9
RMSE:	74.16	74.16	67.17

MAX\_MEAN: 73.8      MAX\_MED: 64.8      BMAD: 18.6

COFF: 55.7      HIT-CALL: 1      FITC: 50      ACTP: 0.9

FLAGS: 11; 10; 7





ASSAY: AEID2524 (CCTE\_Shafer\_MEA\_dev\_correlation\_coefficient\_mea)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42631078

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.34	8
sd:	3.22	0.0756	3.95

GAIN-LOSS MODEL (in blue):

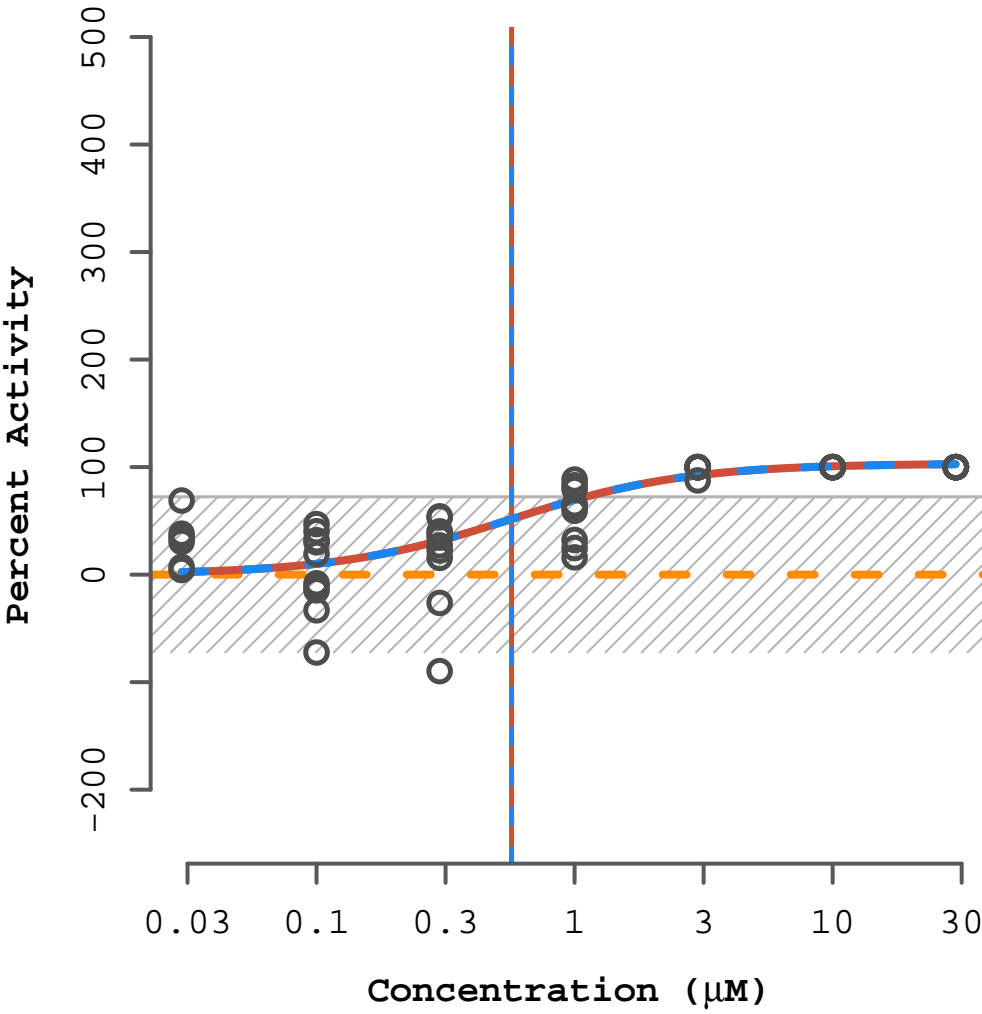
	tp	ga	gw	la	lw
val:	100	0.34	8	2.17	17.9
sd:	3.22	0.0755	3.95	8830	817000

	CNST	HILL	GNLS
AIC:	758.99	609.22	613.22
PROB:	0	0.88	0.12
RMSE:	70.23	27.5	27.5

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 17

COFF: 51      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2526 (CCTE\_Shafer\_MEA\_dev\_mutual\_information\_norm\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): EX000411

M4ID: 42631503

HILL MODEL (in red):

	tp	ga	gw
val:	103	-0.244	1.28
sd:	3.56	0.071	0.259

GAIN-LOSS MODEL (in blue):

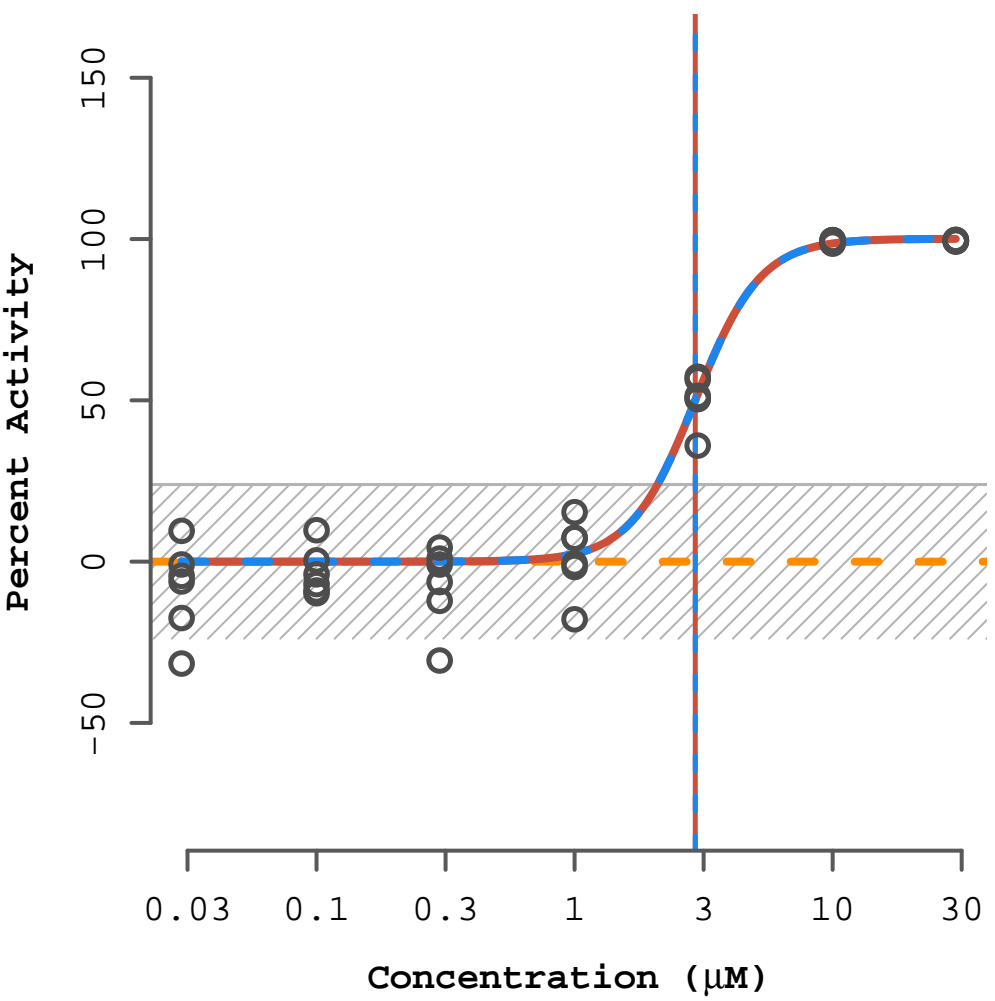
	tp	ga	gw	la	lw
val:	103	-0.244	1.28	2.59	13.5
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	772.18	604.67	608.67
PROB:	0	0.88	0.12
RMSE:	75.69	27.01	27.01

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.4      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2529 (CCTE\_Shafer\_MEA\_dev\_LDH\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): EX000411  
M4ID: 42632551

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.468	3.44
sd:	1.8	0.0141	0.999

GAIN-LOSS MODEL (in blue):

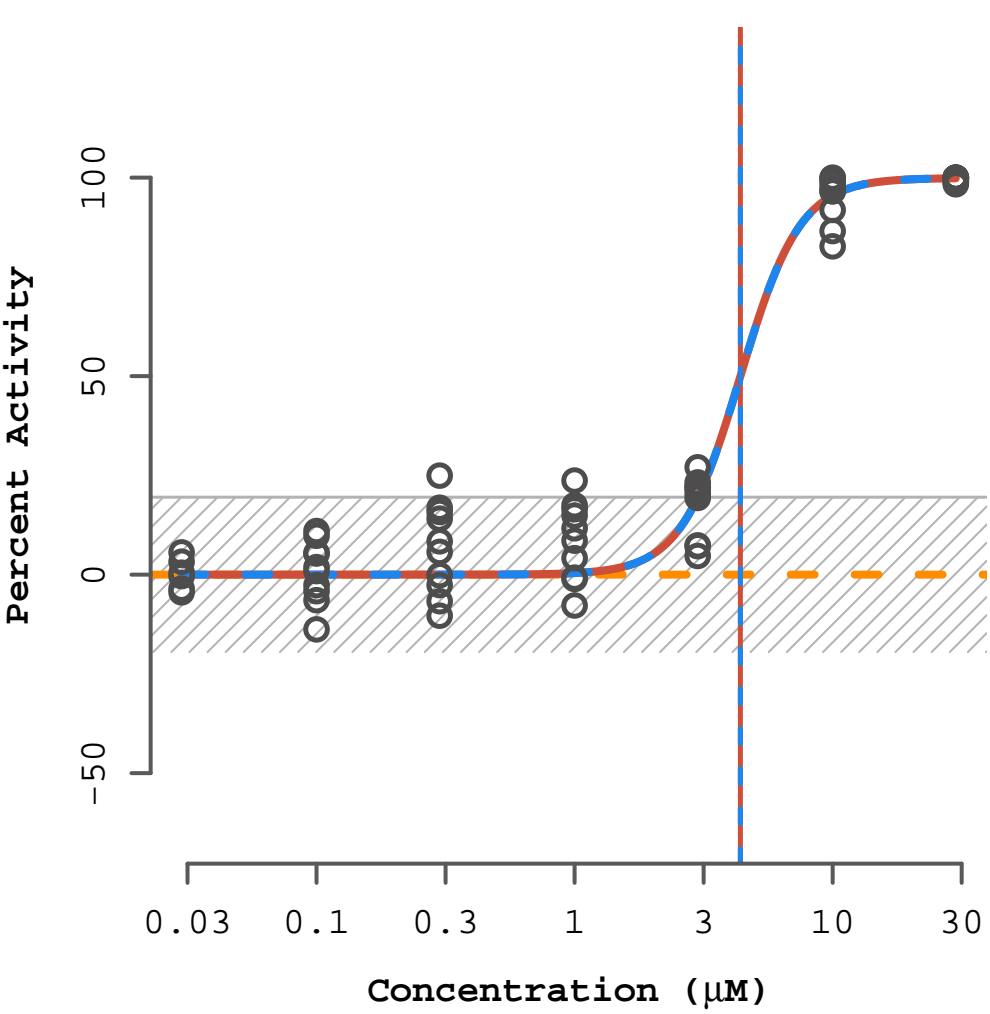
	tp	ga	gw	la	lw
val:	100	0.468	3.44	2.41	14.4
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	462.37	306	310
PROB:	0	0.88	0.12
RMSE:	57.24	9.64	9.64

MAX\_MEAN: 99.5      MAX\_MED: 99.5      BMAD: 7.96

COFF: 23.9      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2530 (CCTE\_Shafer\_MEA\_dev\_AB\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): EX000411  
M4ID: 42633078

HILL MODEL (in red):

	tp	ga	gw
val:	99.9	0.642	3.74
sd:	1.86	0.0283	0.576

GAIN-LOSS MODEL (in blue):

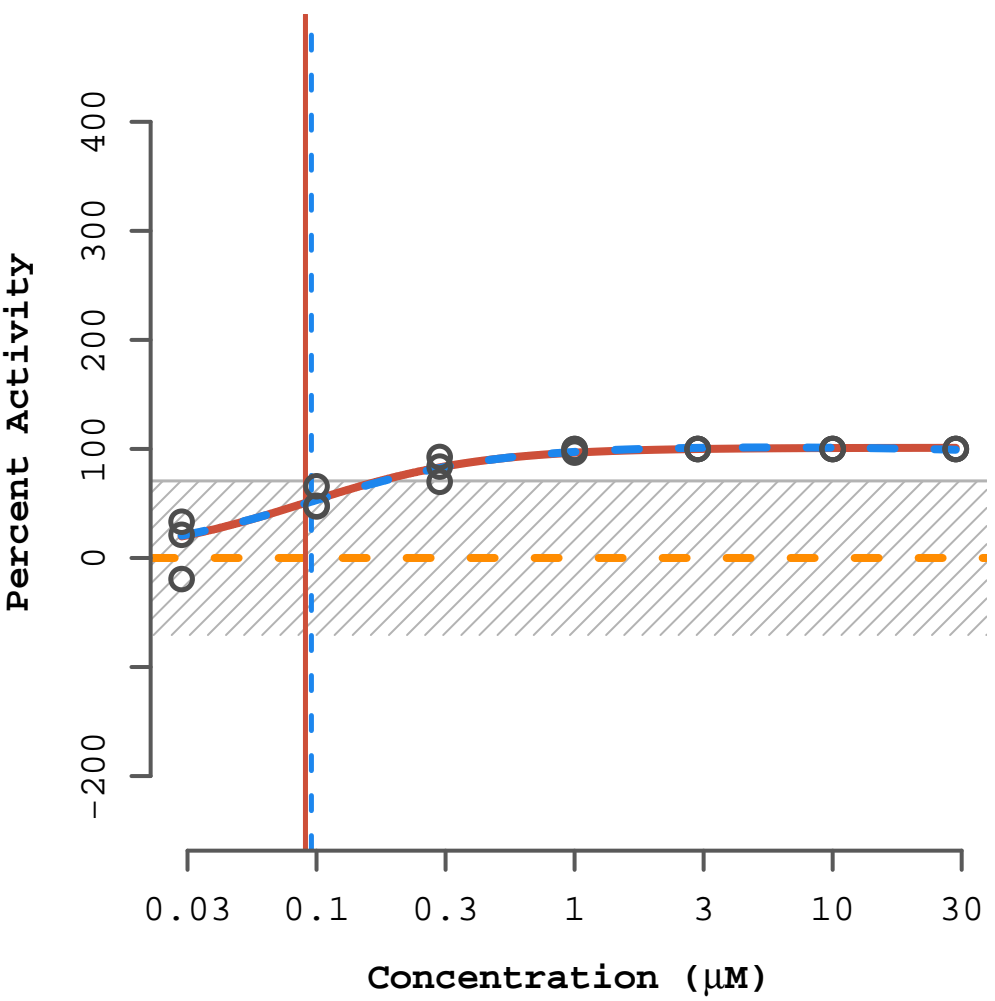
	tp	ga	gw	la	lw
val:	99.9	0.642	3.74	3.16	12.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	714.82	474.58	478.58
PROB:	0	0.88	0.12
RMSE:	54.66	8.48	8.48

MAX\_MEAN: 99.6      MAX\_MED: 99.9      BMAD: 6.5

COFF: 19.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



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

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42617156

HILL MODEL (in red):

	tp	ga	gw
val:	101	-1.04	1.28
sd:	1.51	0.0586	0.17

GAIN-LOSS MODEL (in blue):

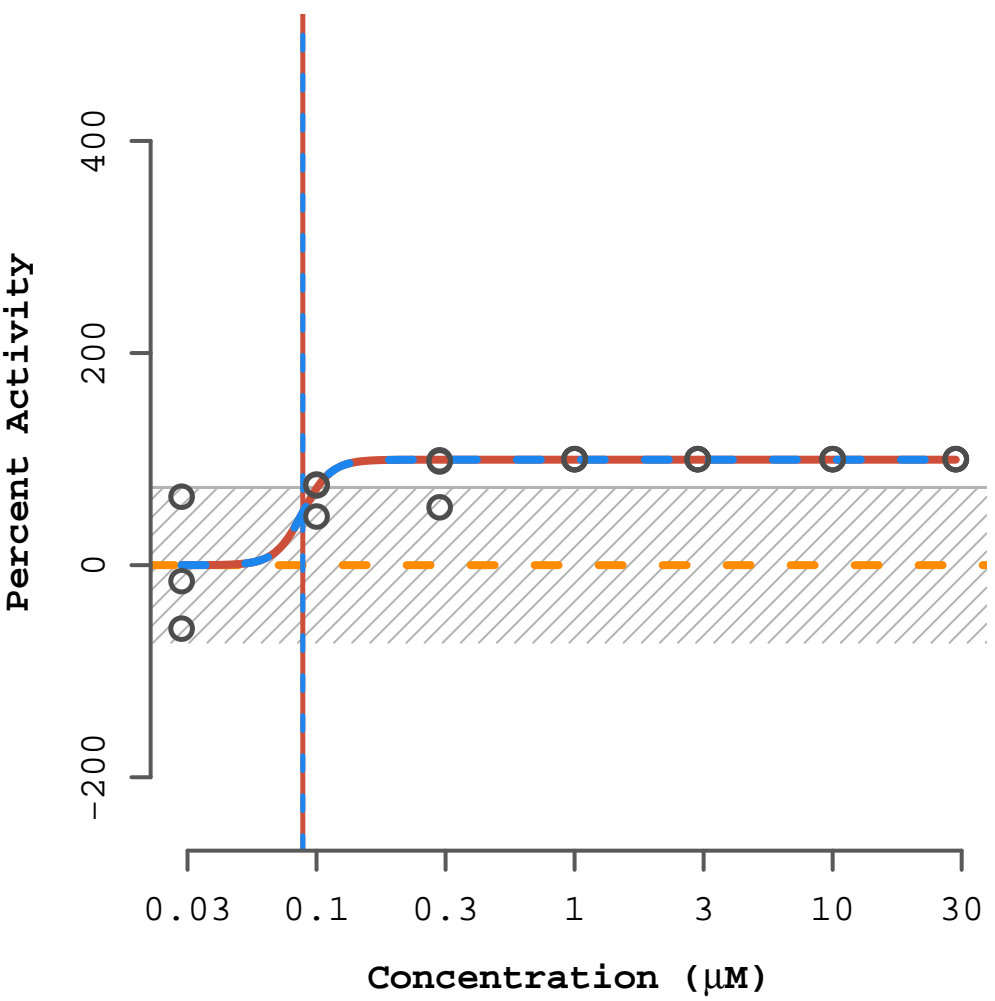
	tp	ga	gw	la	lw
val:	103	-1.02	1.21	3.48	0.695
sd:	8.74	0.0891	0.231	4.41	2.01

	CNST	HILL	GNLS
AIC:	12839.06	153.41	156.73
PROB:	0	0.84	0.16
RMSE:	84.7	10.3	10.37

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.6

COFF: 70.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2496 (CCTE\_Shafer\_MEA\_dev\_burst\_rate\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A12  
M4ID: 42617997

HILL MODEL (in red):

	tp	ga	gw
val:	99.5	-1.05	8
sd:	1.78	0.0712	10.7

GAIN-LOSS MODEL (in blue):

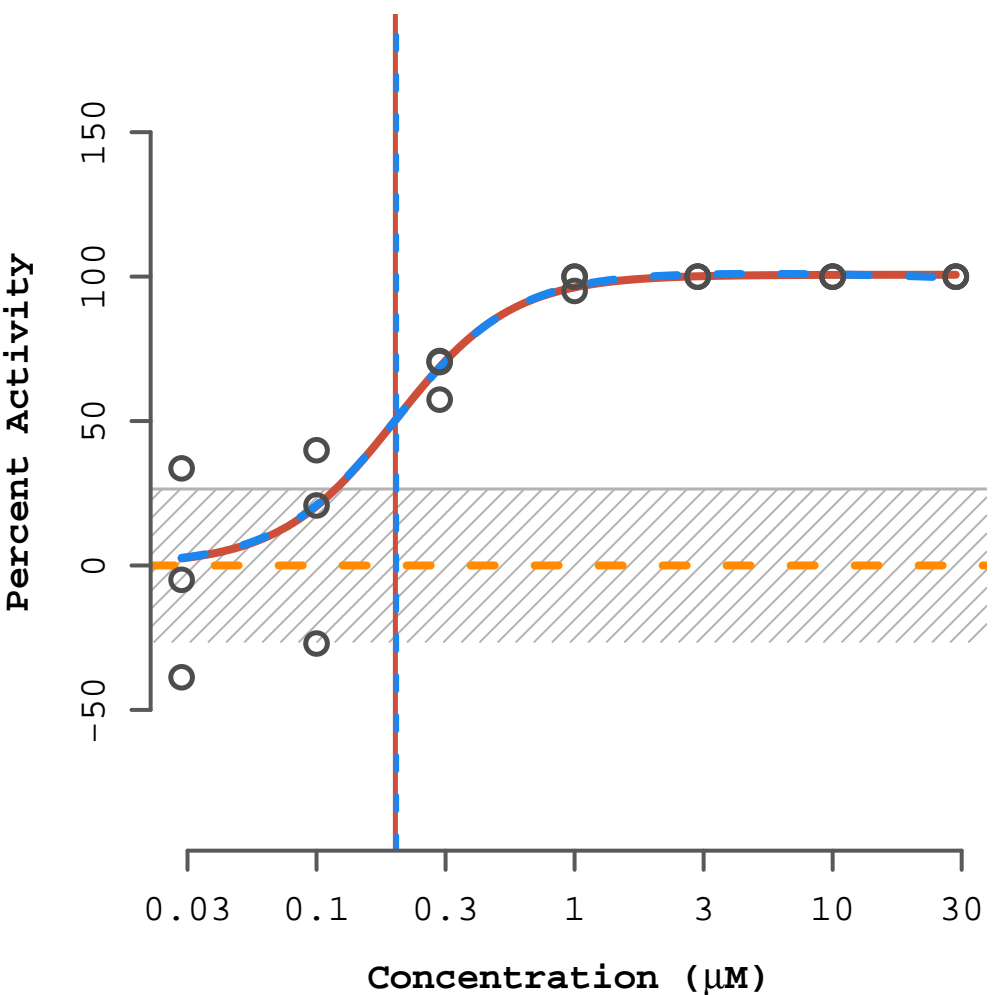
	tp	ga	gw	la	lw
val:	99.5	-1.05	8	3.05	7.31
sd:	1.78	0.0714	10.7	55100	253000

	CNST	HILL	GNLS
AIC:	12859.24	185.48	189.48
PROB:	0	0.88	0.12
RMSE:	88.34	22.59	22.59

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.4

COFF: 73.2      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2498 (CCTE\_Shafer\_MEA\_dev\_active\_electrodes\_number\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42619136

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.694	1.93
sd:	1.94	0.0445	0.328

GAIN-LOSS MODEL (in blue):

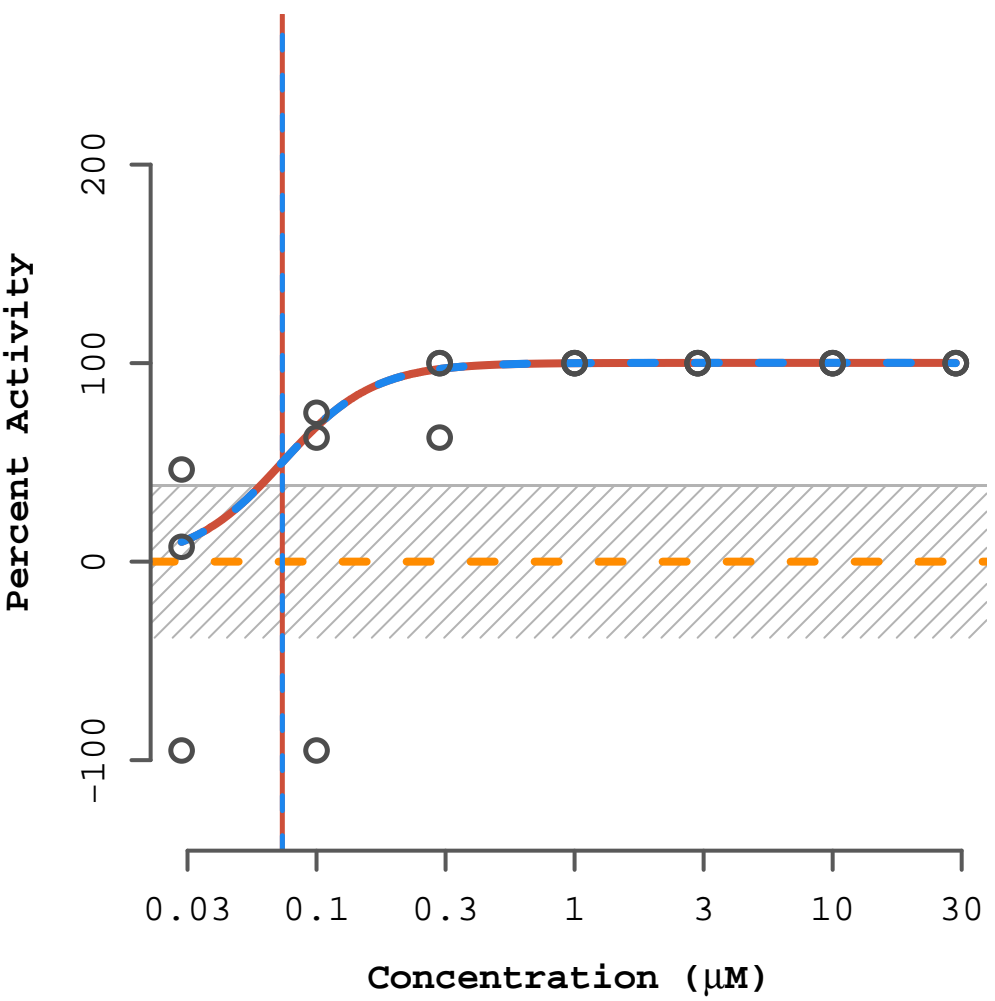
	tp	ga	gw	la	lw
val:	102	-0.69	1.89	3.48	0.846
sd:	7.12	0.0547	0.386	9.51	4.83

	CNST	HILL	GNLS
AIC:	12805.98	173.84	177.72
PROB:	0	0.87	0.13
RMSE:	80.98	16.22	16.24

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 8.82

COFF: 26.5 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2500 (CCTE\_Shafer\_MEA\_dev\_bursting\_electrodes\_number\_

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42619778

HILL MODEL (in red):

	tp	ga	gw
val:	100	-1.13	2.45
sd:	1.7	0.0509	0.665

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	100	-1.13	2.45	2.09	4.59
sd:	NaN	NaN	NaN	NaN	NaN

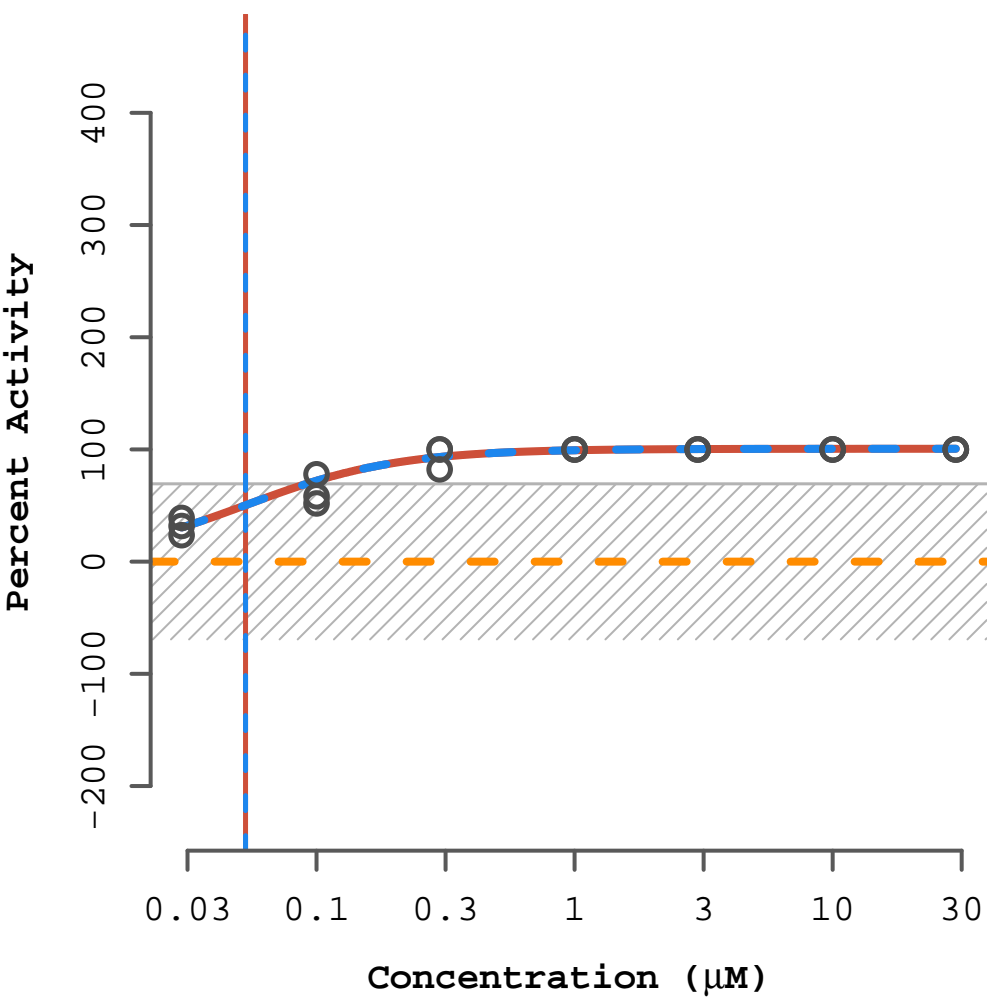
	CNST	HILL	GNLS
AIC:	12860.58	198.23	202.23
PROB:	0	0.88	0.12
RMSE:	90.96	43.79	43.79

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 12.8

COFF: 38.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10





ASSAY: AEID2502 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_interspike\_interv

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42620845

HILL MODEL (in red):

	tp	ga	gw
val:	101	-1.28	1.46
sd:	1.3	0.0924	0.393

GAIN-LOSS MODEL (in blue):

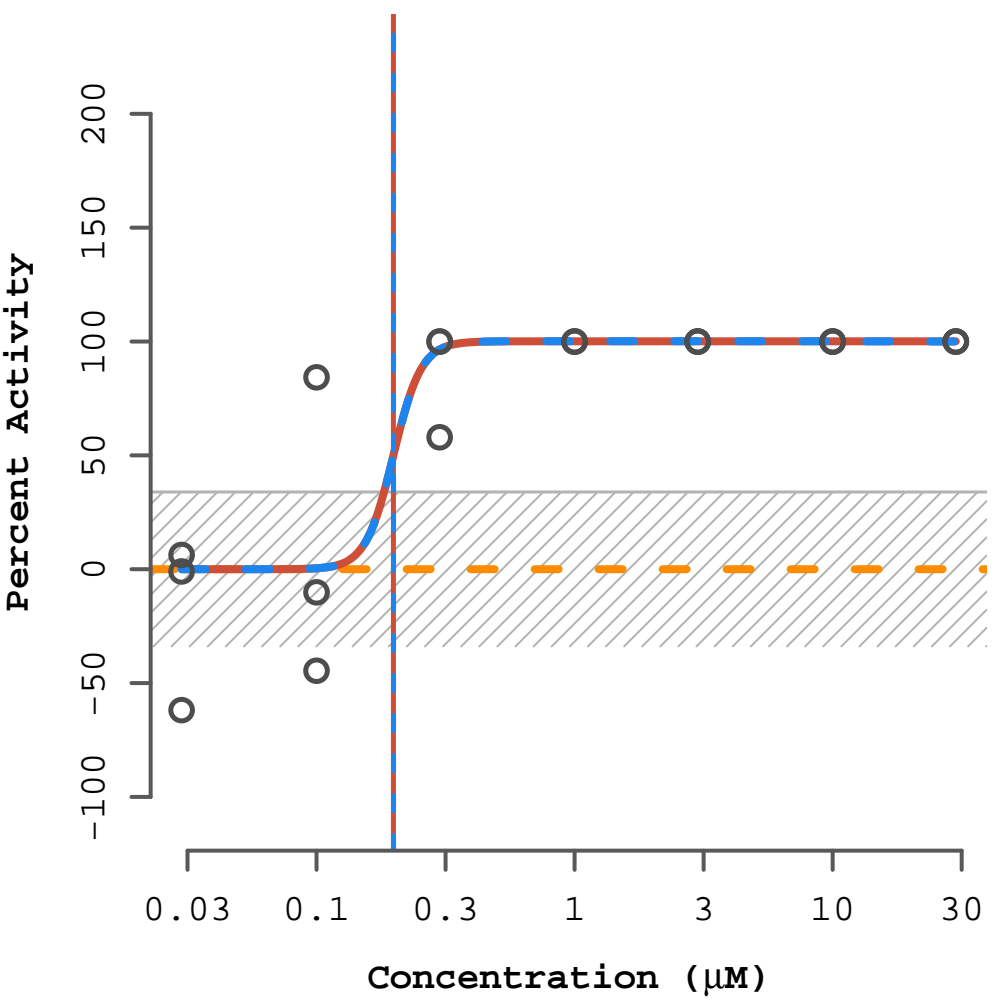
	tp	ga	gw	la	lw
val:	101	-1.28	1.46	2.8	9.65
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12855.68	144.06	148.06
PROB:	0	0.88	0.12
RMSE:	87.83	6.8	6.8

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.1

COFF: 69.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2504 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_spike\_percent\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42621842

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.702	8
sd:	2.01	0.0912	3.71

GAIN-LOSS MODEL (in blue):

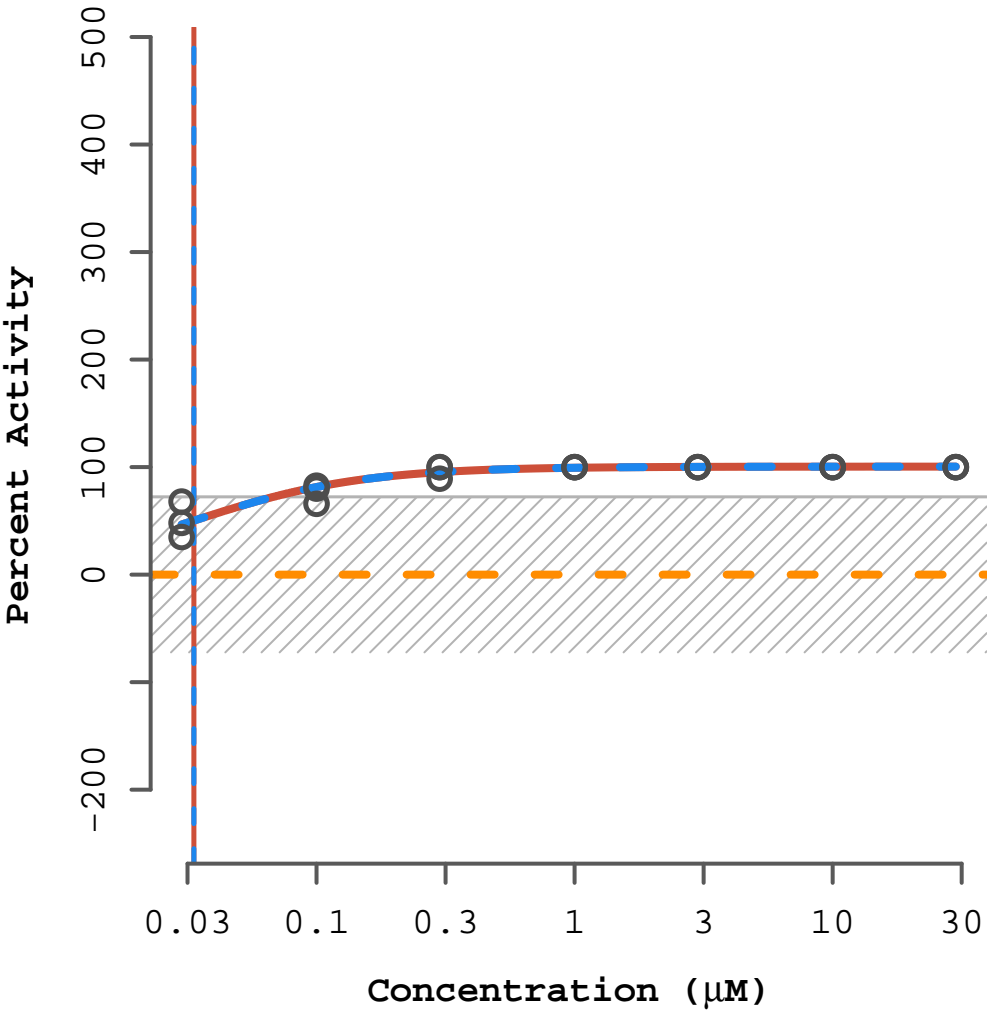
	tp	ga	gw	la	lw
val:	100	-0.702	8	3.45	1.39
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12790.46	190.65	194.65
PROB:	0	0.88	0.12
RMSE:	86.31	26.32	26.32

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 11.3

COFF: 33.9      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2506 (CCTE\_Shafer\_MEA\_dev\_burst\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42622840

HILL MODEL (in red):

	tp	ga	gw
val:	100	-1.48	1.33
sd:	0.791	0.0388	0.142

GAIN-LOSS MODEL (in blue):

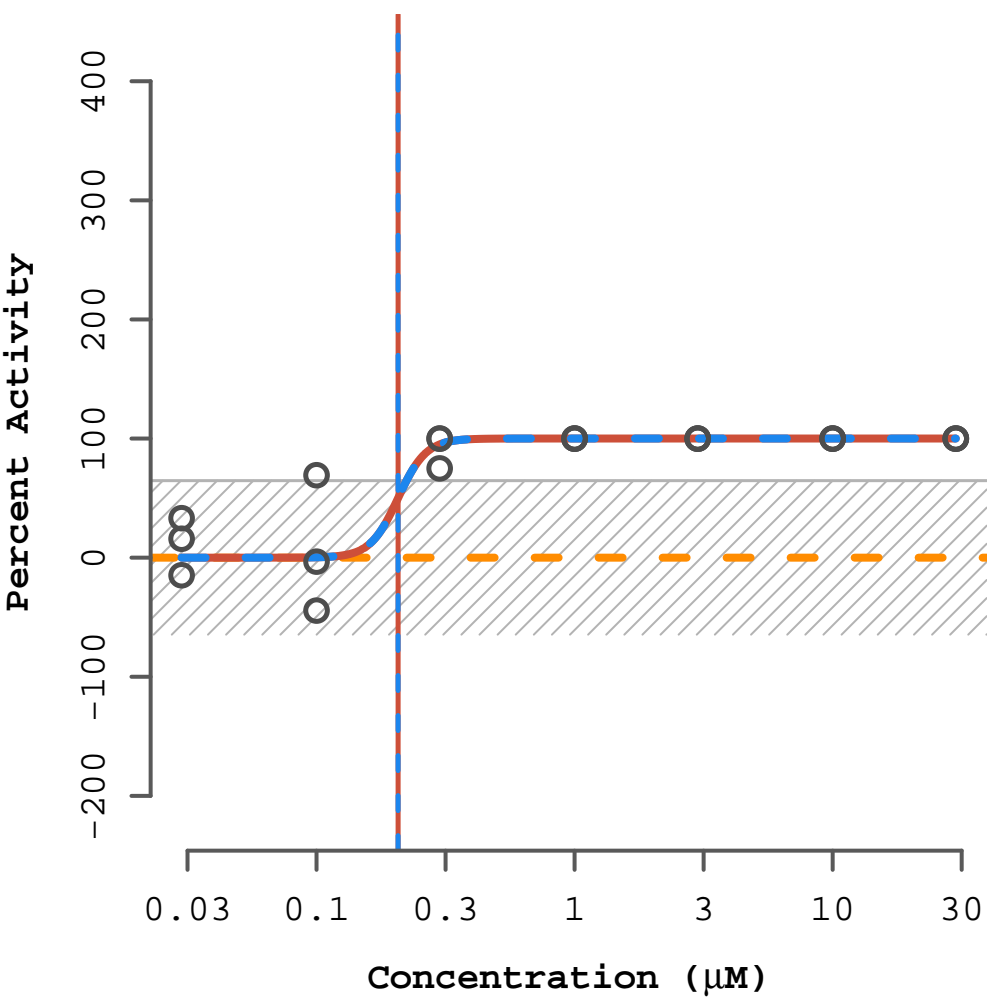
	tp	ga	gw	la	lw
val:	100	-1.48	1.33	2.83	9.81
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12876.33	135.86	139.86
PROB:	0	0.88	0.12
RMSE:	90.95	6.64	6.64

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2508 (CCTE\_Shafer\_MEA\_dev\_interburst\_interval\_mean\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42623749

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.684	8
sd:	2.26	0.125	5.85

GAIN-LOSS MODEL (in blue):

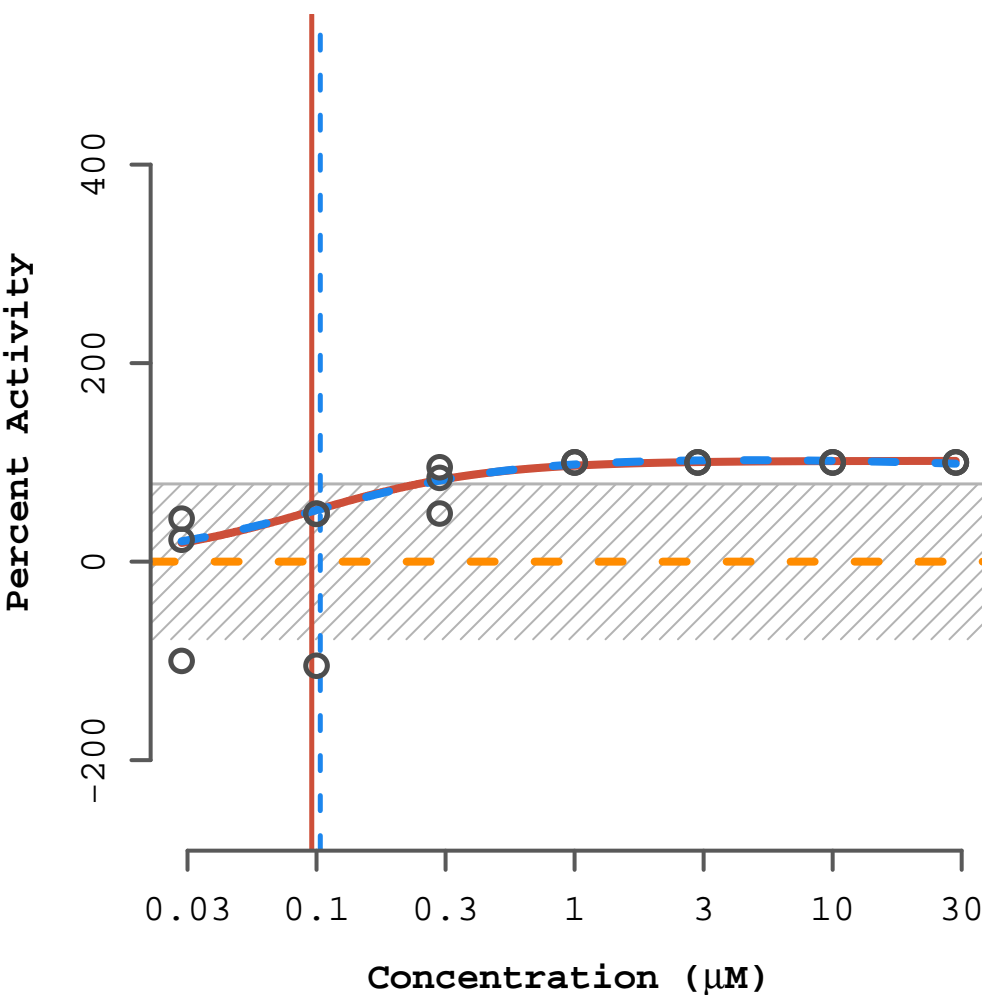
	tp	ga	gw	la	lw
val:	100	-0.684	8	2.62	3.13
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12810.12	182.91	186.91
PROB:	0	0.88	0.12
RMSE:	85.63	20.46	20.46

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 21.5

COFF: 64.6 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2510 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_number\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42624549

HILL MODEL (in red):

	tp	ga	gw
val:	102	-1.02	1.27
sd:	2.48	0.0699	0.278

GAIN-LOSS MODEL (in blue):

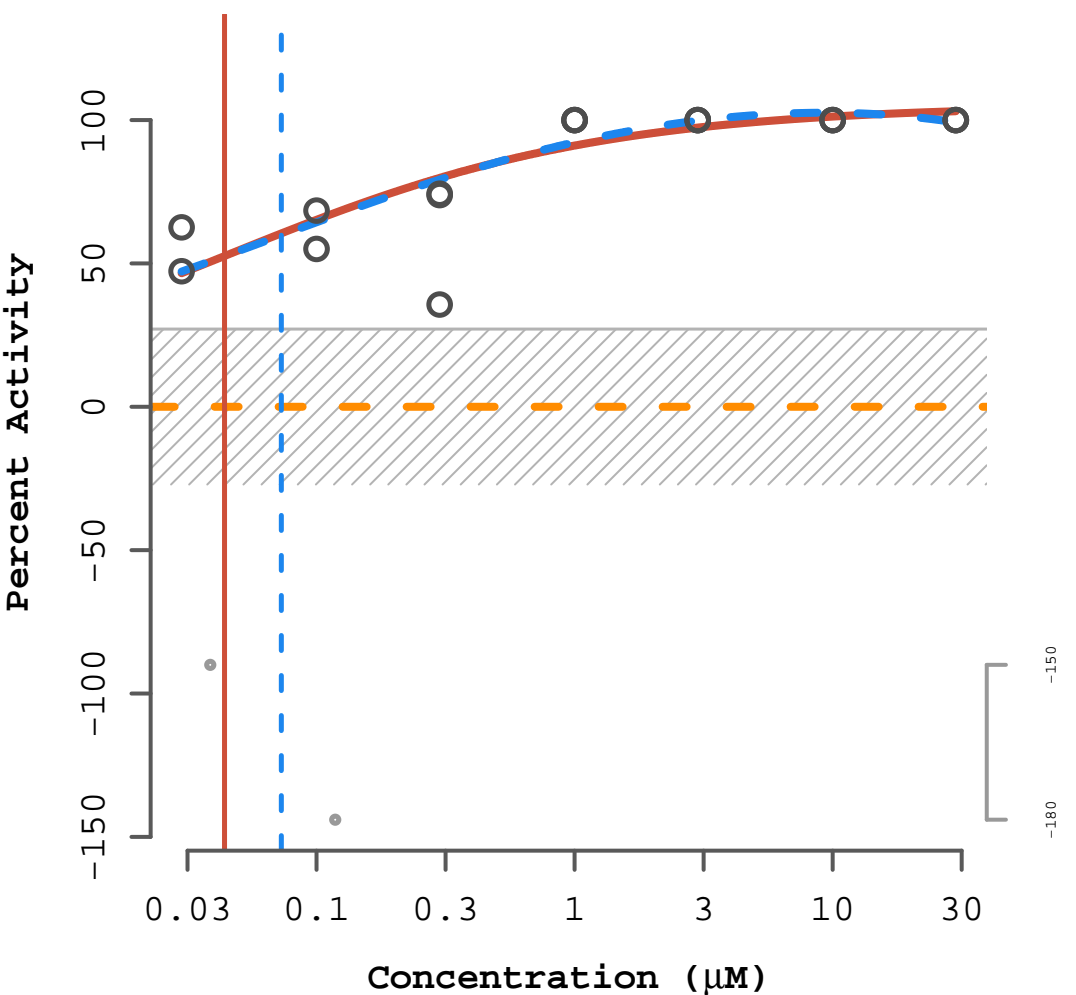
	tp	ga	gw	la	lw
val:	106	-0.985	1.16	3.48	0.567
sd:	16.9	0.126	0.347	3.69	1.53

	CNST	HILL	GNLS
AIC:	12860.44	198.29	201.67
PROB:	0	0.84	0.16
RMSE:	89.06	44.07	44.16

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 26.1

COFF: 78.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2512 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_peak\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42625380 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	105	-1.36	0.598
sd:	5.36	0.178	0.173

GAIN-LOSS MODEL (in blue):

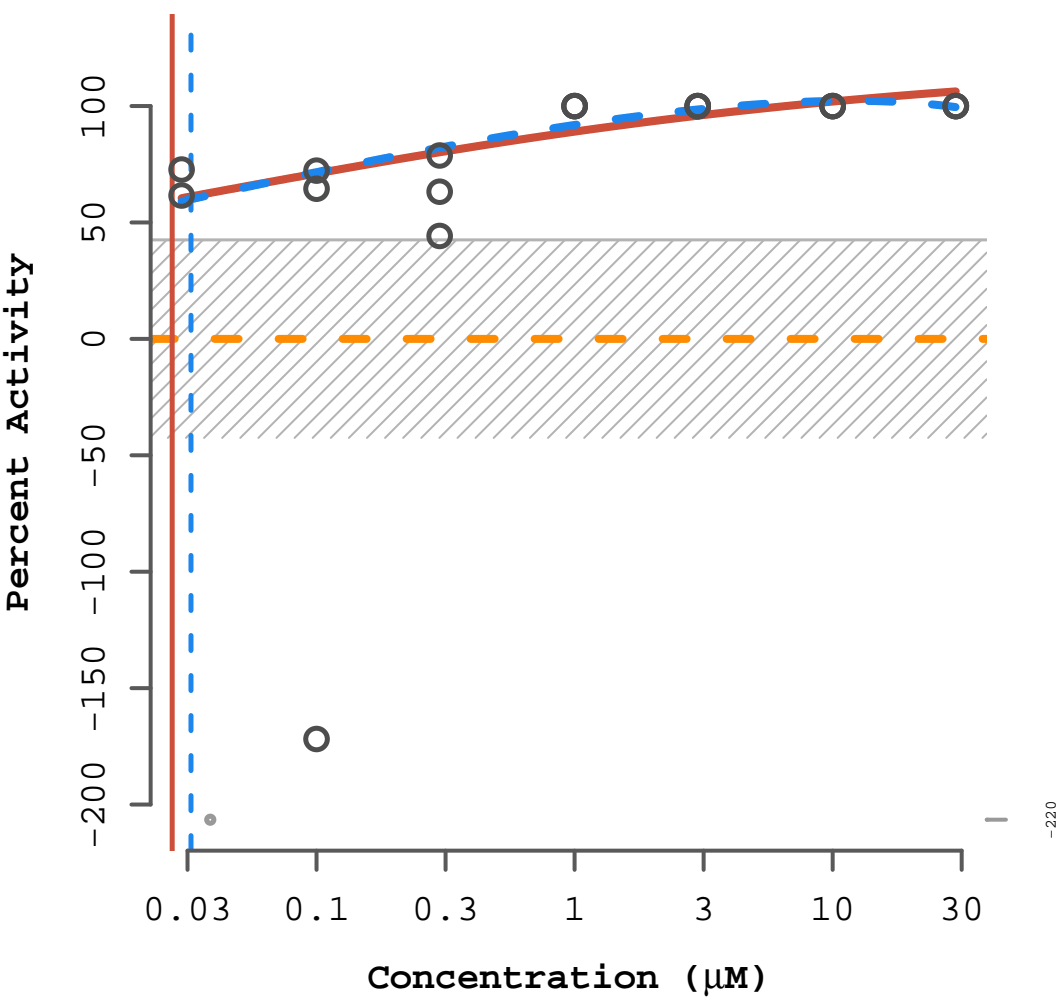
	tp	ga	gw	la	lw
val:	120	-1.14	0.485	2.74	0.656
sd:	26.7	0.415	0.177	1.24	0.82

	CNST	HILL	GNLS
AIC:	12878.65	210.34	212.7
PROB:	0	0.77	0.23
RMSE:	97.24	68.37	68.23

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 9.04

COFF: 27.1      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10



ASSAY: AEID2514 (CCTE\_Shafer\_MEA\_dev\_spike\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A12  
M4ID: 42626577 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	119	-1.56	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

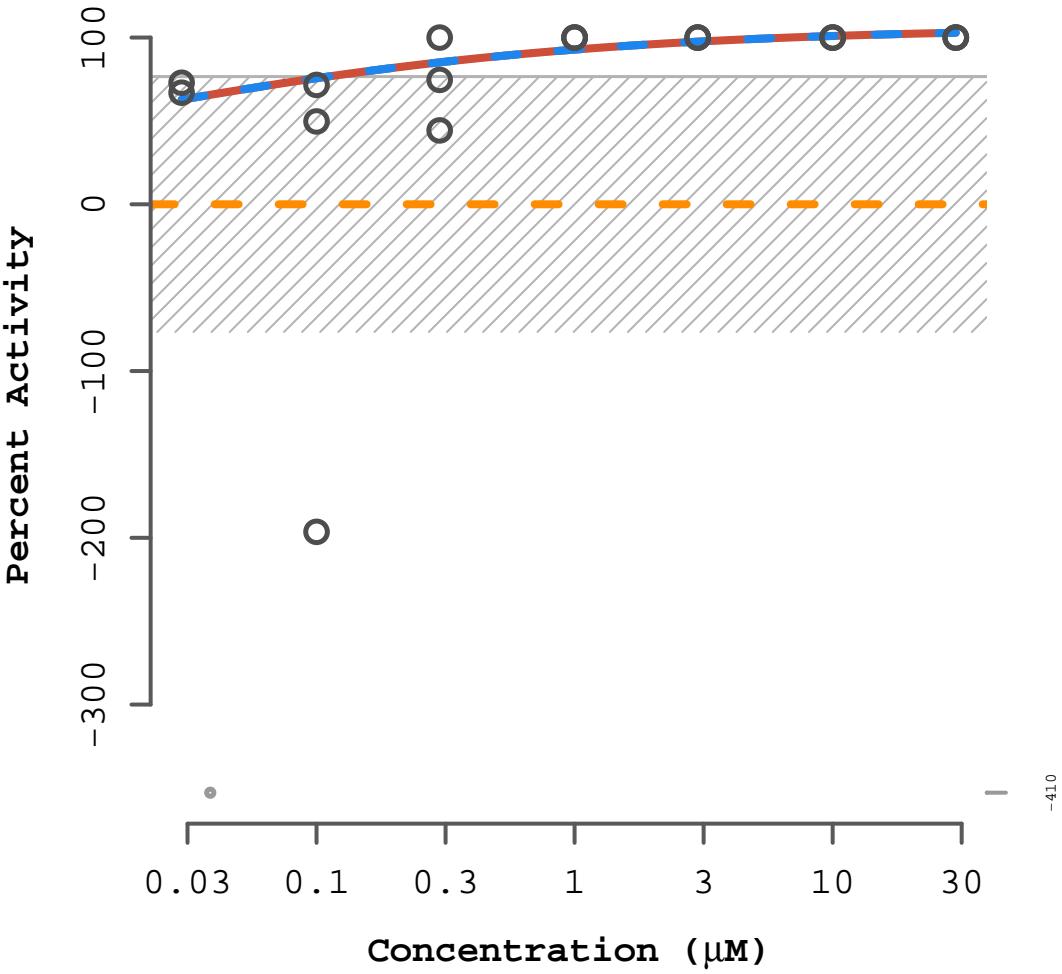
	tp	ga	gw	la	lw
val:	120	-1.49	0.35	2.47	0.993
sd:	26.7	0.584	0.17	1.2	1.39

	CNST	HILL	GNLS
AIC:	12890.13	215.37	217.56
PROB:	0	0.75	0.25
RMSE:	104.77	82.36	82.2

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 14.2

COFF: 42.5      HIT-CALL: 1      FITC: 40      ACTP: 1

FLAGS: 10; 18



ASSAY: AEID2516 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_duration\_std\_

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42627511 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	106	-1.88	0.448
sd:	8.89	0.386	0.228

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	106	-1.88	0.448	3.45	6.83
sd:	NaN	NaN	NaN	NaN	NaN

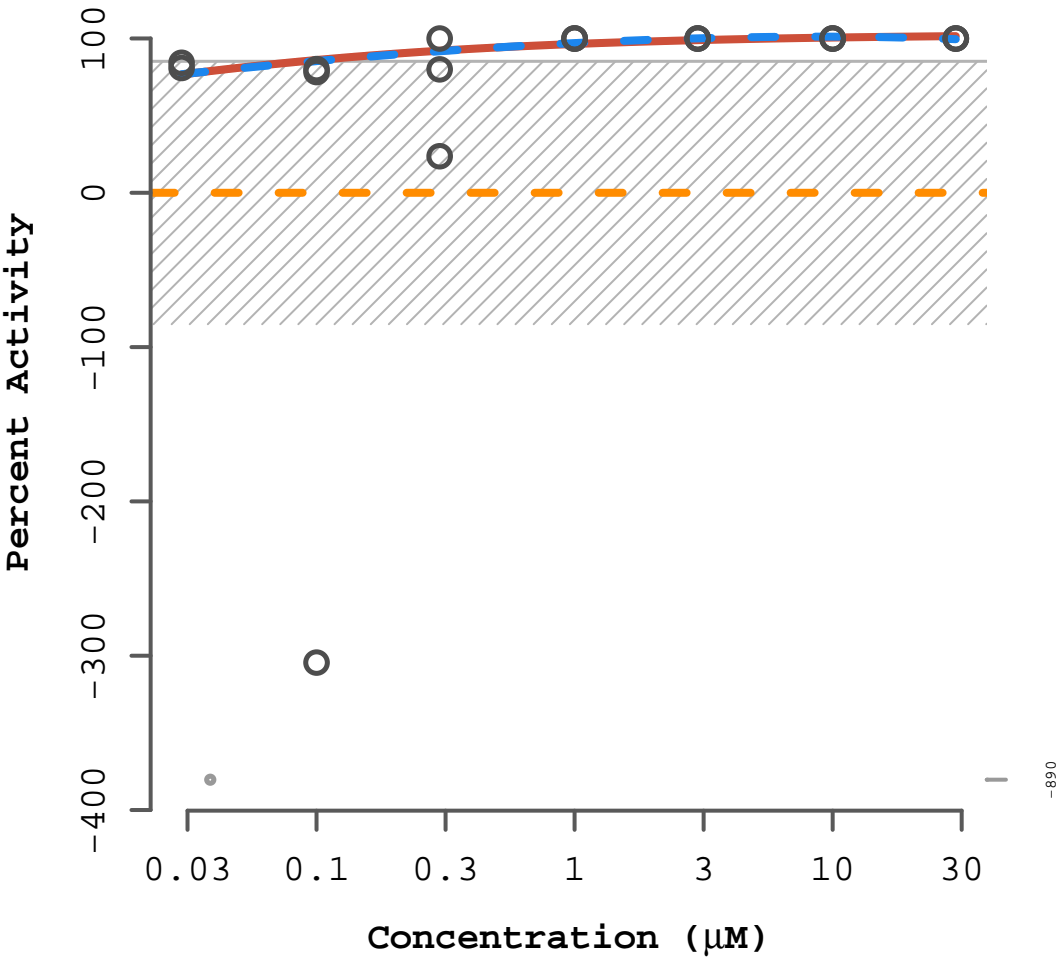
	CNST	HILL	GNLS
AIC:	12899.77	223.7	227.7
PROB:	0	0.88	0.12
RMSE:	131.52	119.99	119.99

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 25.5

COFF: 76.6      HIT-CALL: 1      FITC: 40      ACTP: 1

FLAGS: 18; 10





ASSAY: AEID2518 (CCTE\_Shafer\_MEA\_dev\_inter\_network\_spike\_interva

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42628337 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	103	-2.52	0.464
sd:	5.23	0.539	0.247

GAIN-LOSS MODEL (in blue):

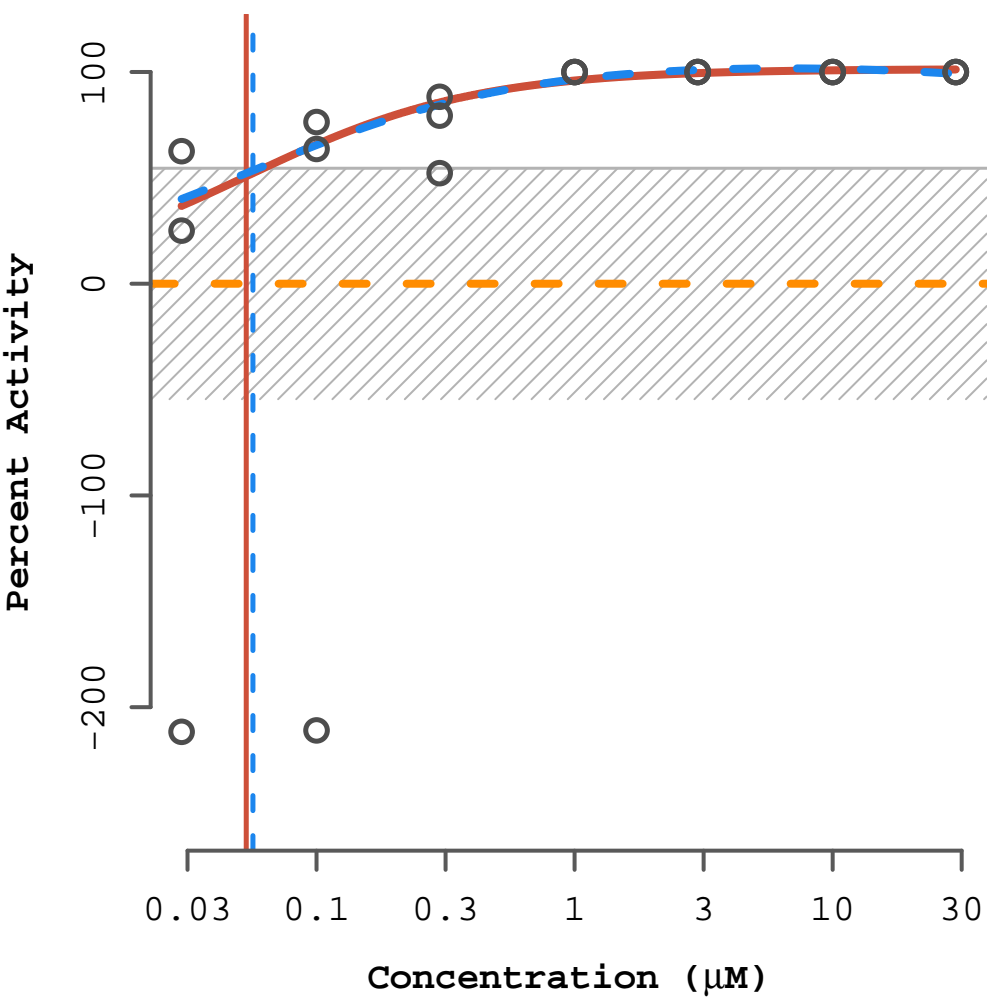
	tp	ga	gw	la	lw
val:	116	-2.52	0.3	3.34	0.555
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12915.28	231.64	234.81
PROB:	0	0.83	0.17
RMSE:	223.03	227.65	227.62

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 28.4

COFF: 85.2      HIT-CALL: 1      FITC: 40      ACTP: 1

FLAGS: 10; 11; 18



ASSAY: AEID2520 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_num

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42629245

HILL MODEL (in red):

	tp	ga	gw
val:	101	-1.27	0.98
sd:	3.33	0.156	0.338

GAIN-LOSS MODEL (in blue):

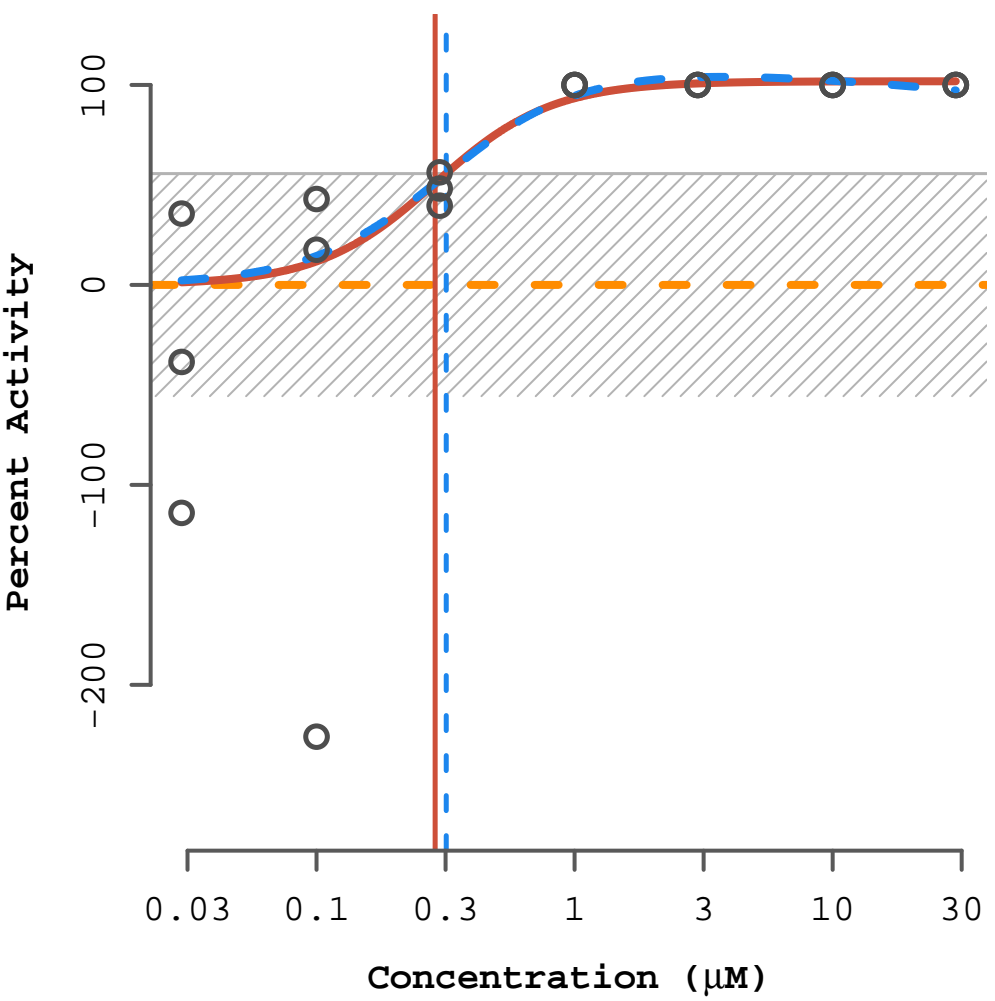
	tp	ga	gw	la	lw
val:	107	-1.25	0.809	3.48	0.565
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	12886.63	212.95	216.7
PROB:	0	0.87	0.13
RMSE:	107.03	81.77	82.15

MAX\_MEAN: 100                      MAX\_MED: 100                      BMAD: 18.2

COFF: 54.5      HIT-CALL: 1              FITC: 41              ACTP: 1

FLAGS: 10



ASSAY: AEID2522 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_per

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42630260

HILL MODEL (in red):

	tp	ga	gw
val:	102	-0.54	1.93
sd:	4.22	0.0794	0.759

GAIN-LOSS MODEL (in blue):

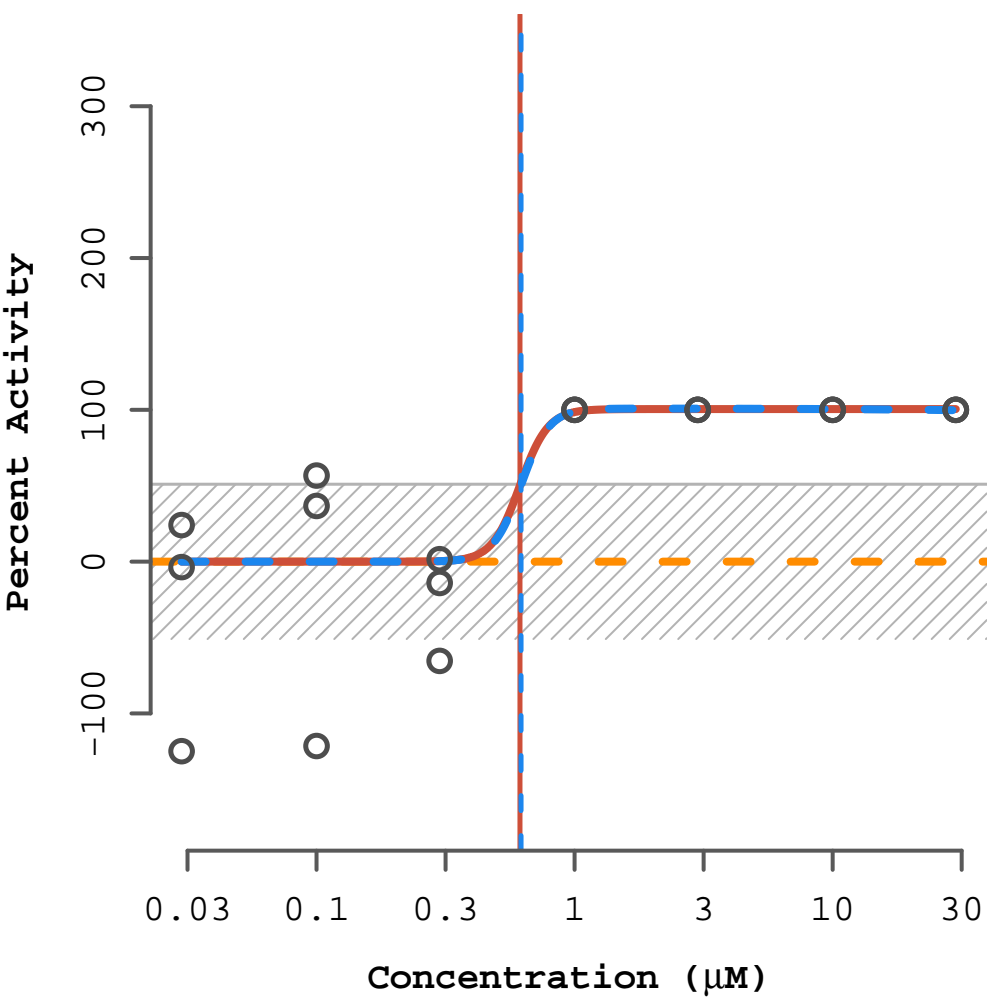
	tp	ga	gw	la	lw
val:	114	-0.497	1.65	3.48	0.383
sd:	79.2	0.2	0.882	3.29	1.65

	CNST	HILL	GNLS
AIC:	12848.94	212.49	216.1
PROB:	0	0.86	0.14
RMSE:	96.61	59.32	59.87

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 18.6

COFF: 55.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10



ASSAY: AEID2524 (CCTE\_Shafer\_MEA\_dev\_correlation\_coefficient\_mea

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42631056

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.212	8
sd:	5.25	0.18	5.77

GAIN-LOSS MODEL (in blue):

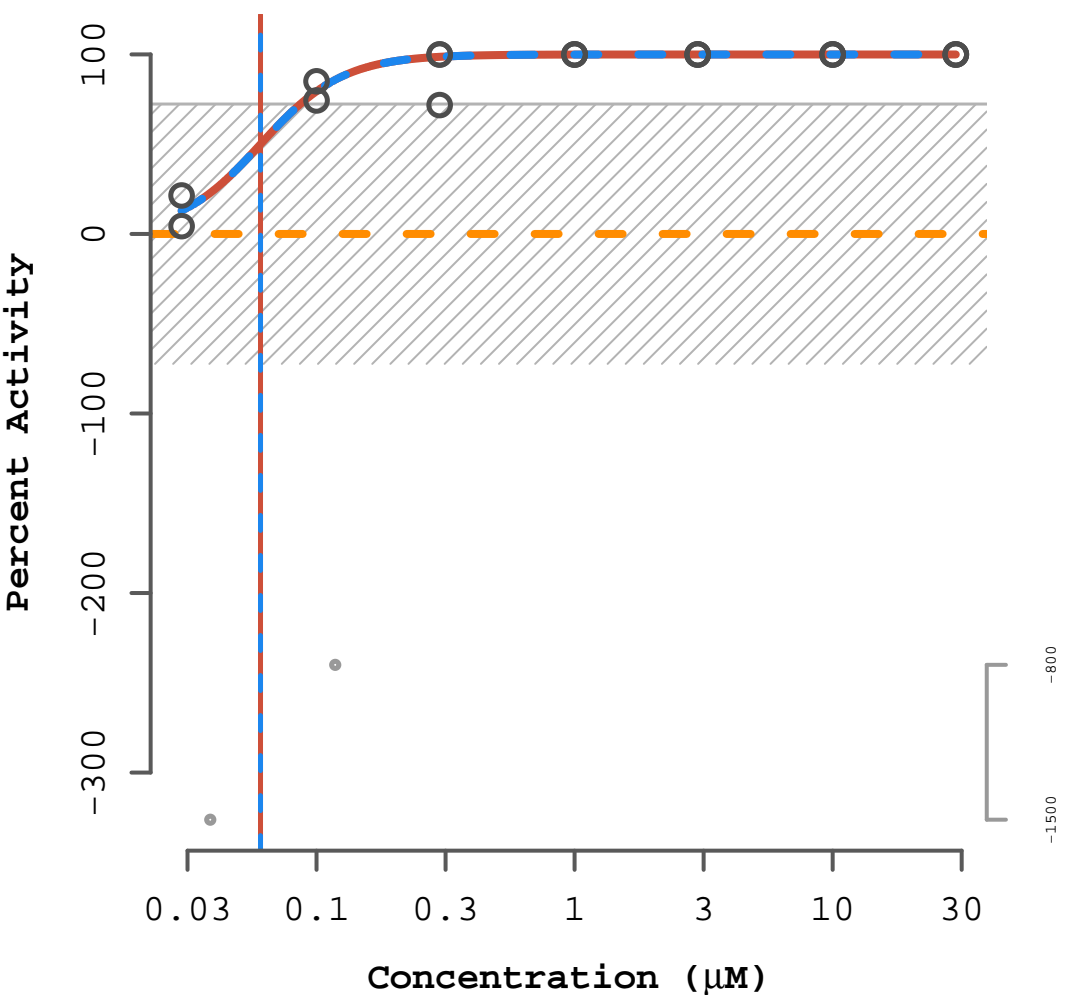
	tp	ga	gw	la	lw
val:	101	-0.207	8	3.48	0.966
sd:	14.2	0.204	6.27	35.4	20

	CNST	HILL	GNLS
AIC:	12783.34	215.8	219.79
PROB:	0	0.88	0.12
RMSE:	87.28	43.66	43.66

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 17

COFF: 51 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2526 (CCTE\_Shafer\_MEA\_dev\_mutual\_information\_norm\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A12

M4ID: 42631734 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	100	-1.22	2.71
sd:	1.24	0.0667	0.784

GAIN-LOSS MODEL (in blue):

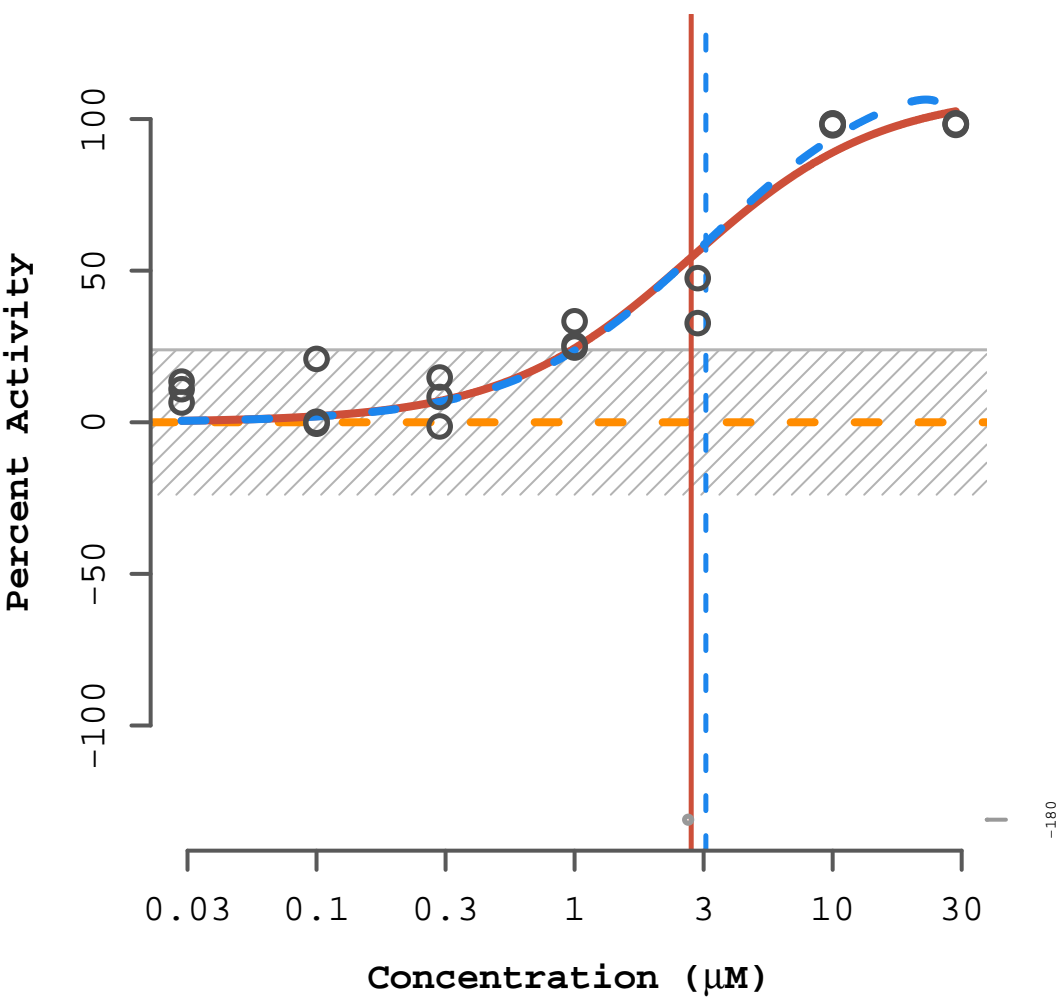
	tp	ga	gw	la	lw
val:	100	-1.22	2.71	2.53	7.11
sd:	1.24	0.0667	0.784	1430	9610

	CNST	HILL	GNLS
AIC:	12900.99	230.78	234.78
PROB:	0	0.88	0.12
RMSE:	389.84	390.83	390.83

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.4      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10



ASSAY: AEID2529 (CCTE\_Shafer\_MEA\_dev\_LDH\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A12  
M4ID: 42632896 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	109	0.452	1.19
sd:	8.44	0.118	0.26

GAIN-LOSS MODEL (in blue):

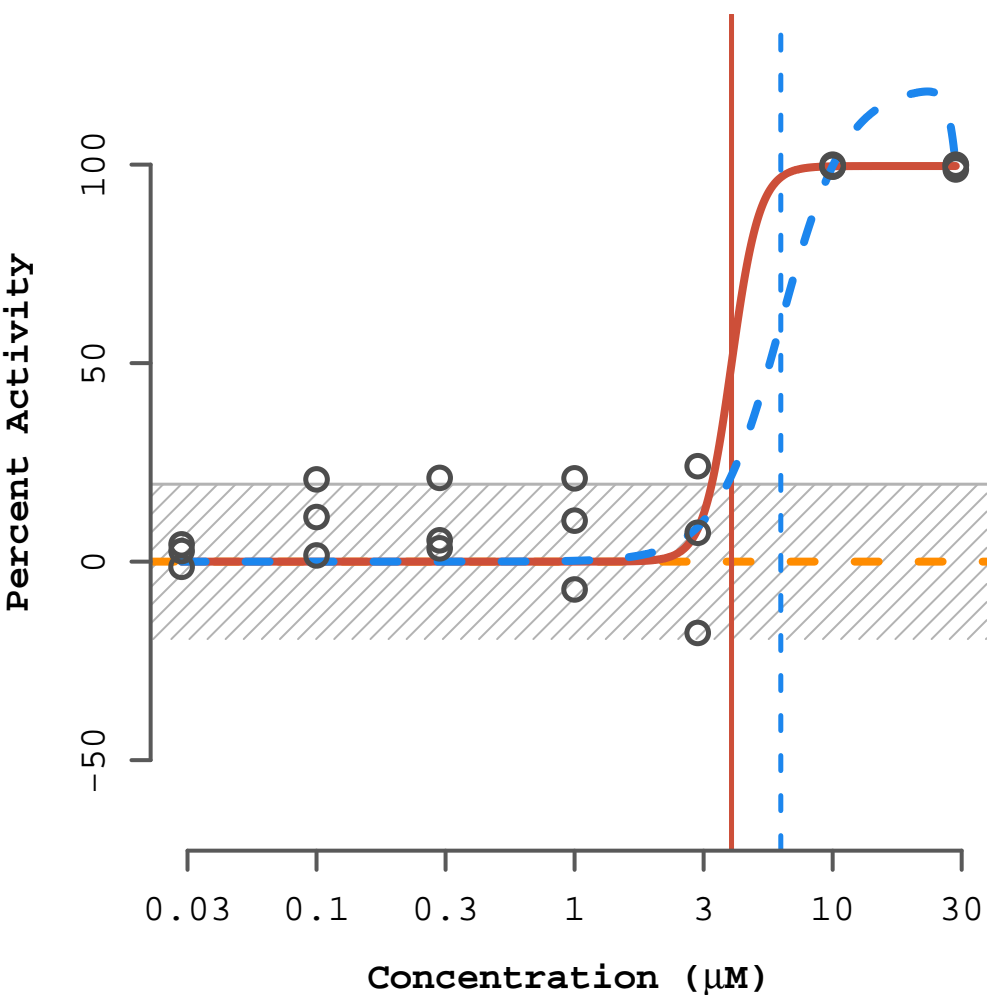
	tp	ga	gw	la	lw
val:	118	0.509	1.18	1.58	8.55
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	238.25	188.63	189.49
PROB:	0	0.61	0.39
RMSE:	68.2	52.68	52.66

MAX\_MEAN: 98.3      MAX\_MED: 98.5      BMAD: 7.96

COFF: 23.9      HIT-CALL: 1      FITC: 42      ACTP: 1

FLAGS: 10



ASSAY: AEID2530 (CCTE\_Shafer\_MEA\_dev\_AB\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A12  
M4ID: 42633114

HILL MODEL (in red):

	tp	ga	gw
val:	99.6	0.608	8
sd:	3.35	0.629	38.4

GAIN-LOSS MODEL (in blue):

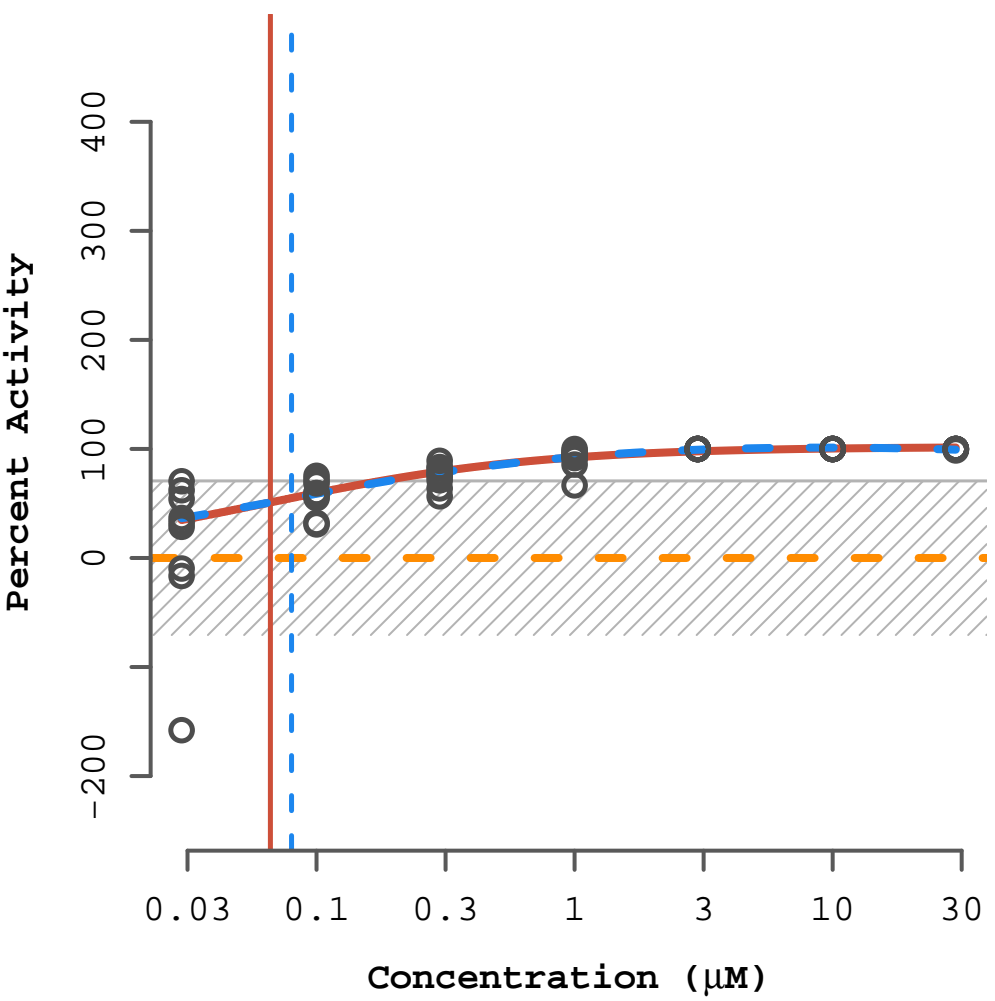
	tp	ga	gw	la	lw
val:	120	0.799	3.43	1.52	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	228.16	167.41	171.34
PROB:	0	0.88	0.12
RMSE:	54.4	11.14	11.14

MAX\_MEAN: 99.7      MAX\_MED: 99.8      BMAD: 6.5

COFF: 19.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



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

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42616993

HILL MODEL (in red):

	tp	ga	gw
val:	102	-1.18	0.829
sd:	1.59	0.0541	0.0921

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	110	-1.1	0.707	3.48	0.527
sd:	14.7	0.151	0.145	1.82	0.744

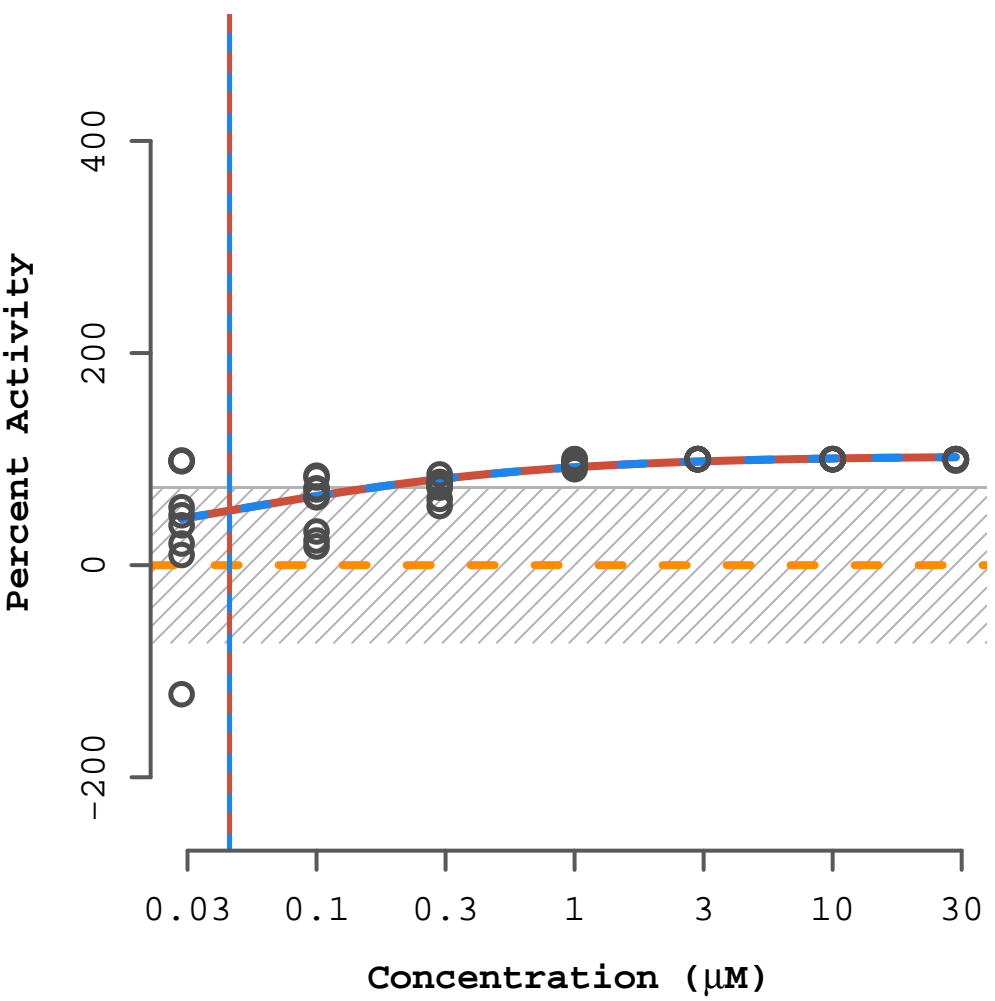
	CNST	HILL	GNLS
AIC:	756.17	505.82	507.89
PROB:	0	0.74	0.26
RMSE:	86.16	27.63	27.8

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.6

COFF: 70.7      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:





ASSAY: AEID2496 (CCTE\_Shafer\_MEA\_dev\_burst\_rate\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42618057

HILL MODEL (in red):

	tp	ga	gw
val:	103	-1.34	0.703
sd:	2.18	0.0959	0.108

GAIN-LOSS MODEL (in blue):

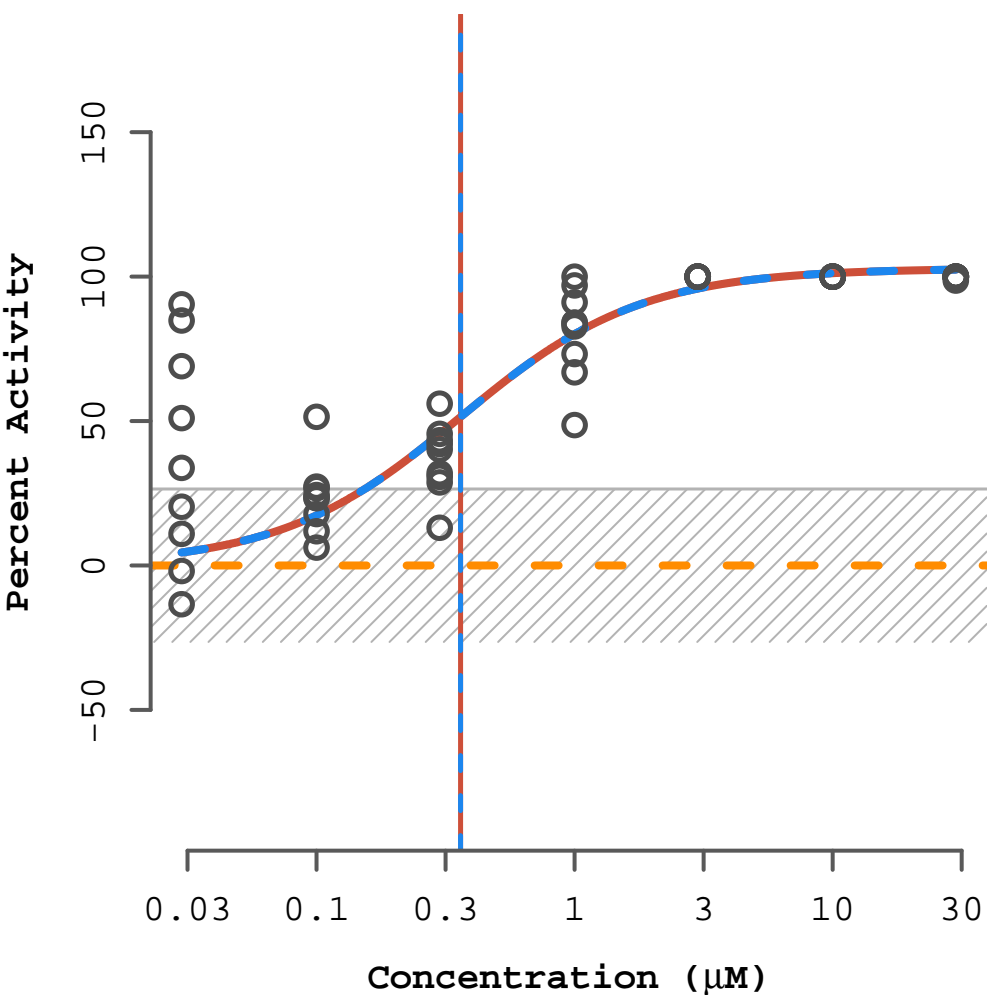
	tp	ga	gw	la	lw
val:	103	-1.34	0.703	3.48	9.72
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	1001.95	531.55	535.55
PROB:	0	0.88	0.12
RMSE:	87.94	26.88	26.88

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.4

COFF: 73.2      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2498 (CCTE\_Shafer\_MEA\_dev\_active\_electrodes\_number\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42618836

HILL MODEL (in red):

	tp	ga	gw
val:	103	-0.442	1.24
sd:	2.16	0.0454	0.152

GAIN-LOSS MODEL (in blue):

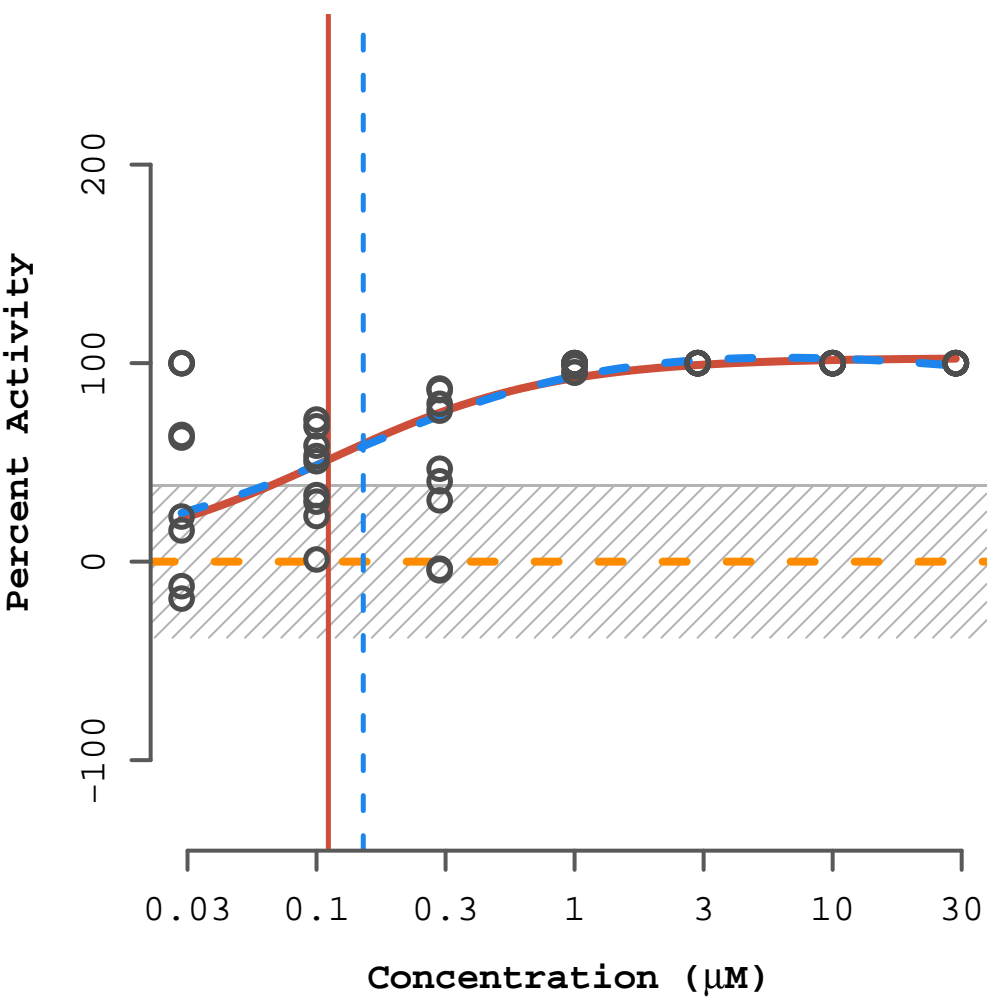
	tp	ga	gw	la	lw
val:	103	-0.442	1.24	2.55	13.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	739.85	530.49	534.49
PROB:	0	0.88	0.12
RMSE:	77.14	20.88	20.88

MAX\_MEAN: 100                      MAX\_MED: 100                      BMAD: 8.82

COFF: 26.5      HIT-CALL: 1              FITC: 41              ACTP: 1

FLAGS:



ASSAY: AEID2500 (CCTE\_Shafer\_MEA\_dev\_bursting\_electrodes\_number\_

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42619742

HILL MODEL (in red):

	tp	ga	gw
val:	103	-0.954	1.01
sd:	2.9	0.0973	0.214

GAIN-LOSS MODEL (in blue):

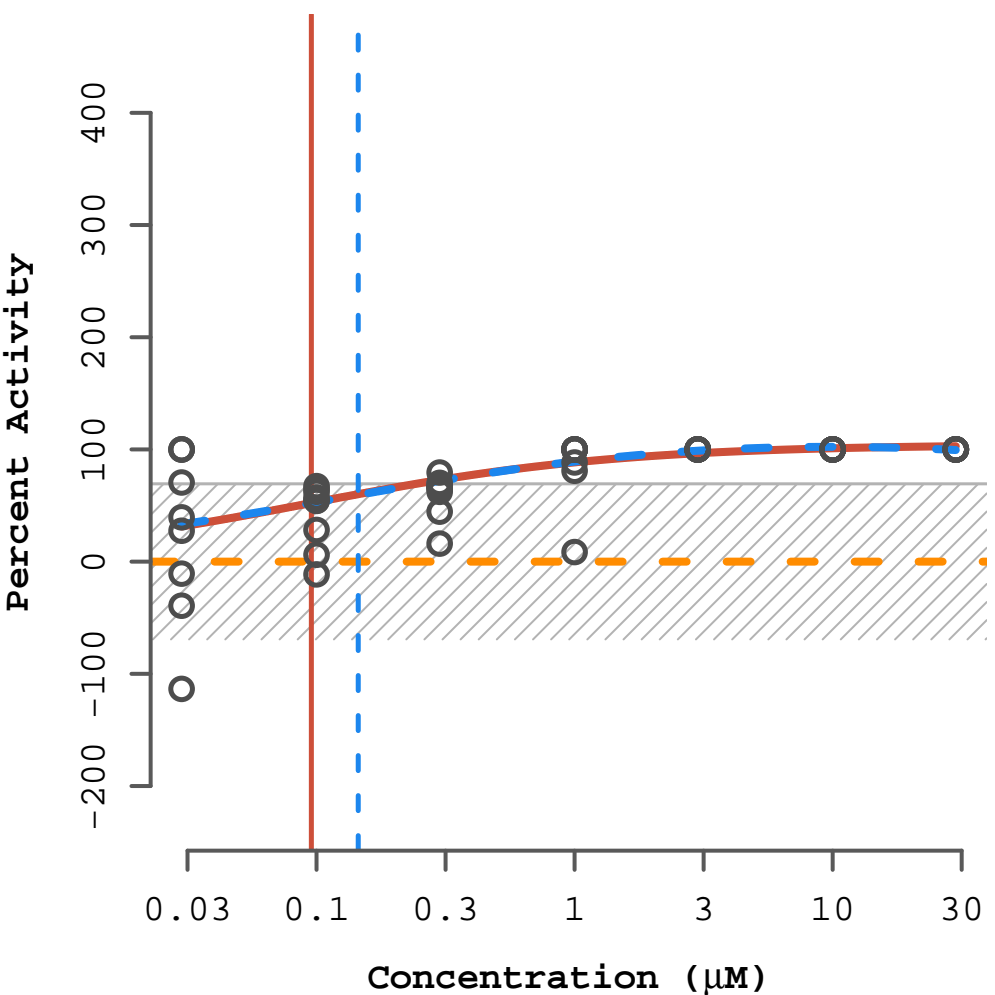
	tp	ga	gw	la	lw
val:	120	-0.819	0.824	3.48	0.349
sd:	35.9	0.223	0.241	1.87	0.539

	CNST	HILL	GNLS
AIC:	38427.67	577.86	580.03
PROB:	0	0.75	0.25
RMSE:	84.54	27.13	26.5

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 12.8

COFF: 38.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2502 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_interspike\_interv

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42620883

HILL MODEL (in red):

	tp	ga	gw
val:	104	-1.02	0.729
sd:	3.69	0.109	0.153

GAIN-LOSS MODEL (in blue):

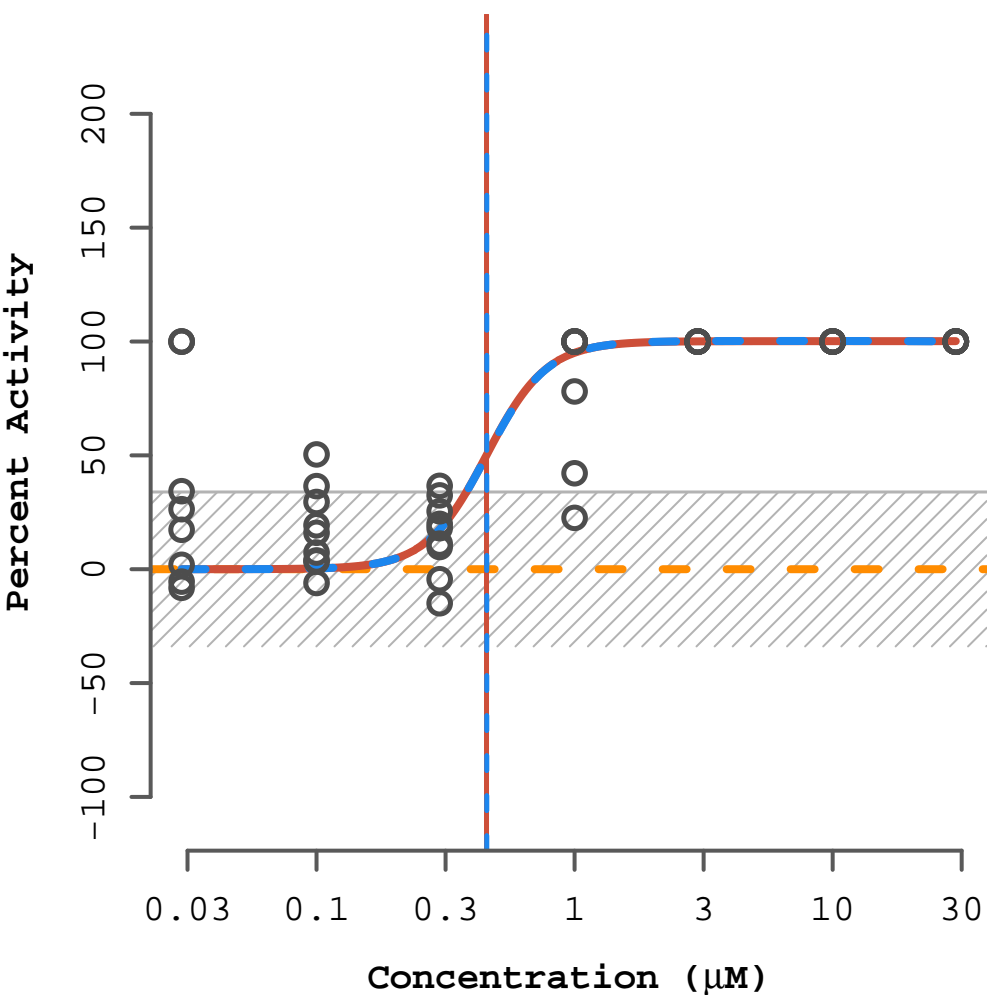
	tp	ga	gw	la	lw
val:	120	-0.838	0.604	2.95	0.54
sd:	22.7	0.26	0.17	1.41	0.632

	CNST	HILL	GNLS
AIC:	38487.77	583.9	585.44
PROB:	0	0.68	0.32
RMSE:	84.89	31.54	31.47

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 23.1

COFF: 69.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2504 (CCTE\_Shafer\_MEA\_dev\_per\_burst\_spike\_percent\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42621577

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.341	3.72
sd:	1.91	0.0464	0.901

GAIN-LOSS MODEL (in blue):

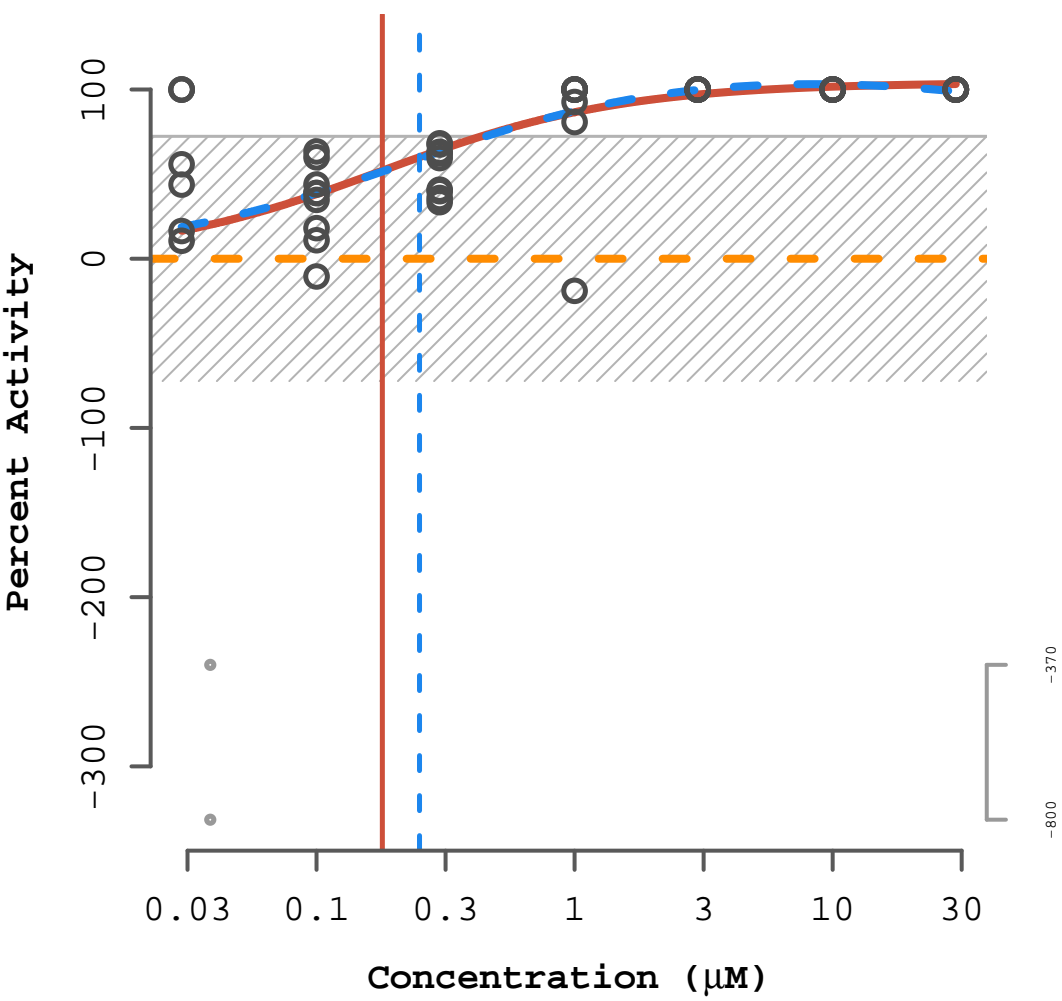
	tp	ga	gw	la	lw
val:	100	-0.34	3.7	2.55	2.39
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38209.27	561.85	565.84
PROB:	0	0.88	0.12
RMSE:	77.7	27.72	27.72

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 11.3

COFF: 33.9      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2506 (CCTE\_Shafer\_MEA\_dev\_burst\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A13  
M4ID: 42622579 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.745	0.93
sd:	3.42	0.0855	0.19

GAIN-LOSS MODEL (in blue):

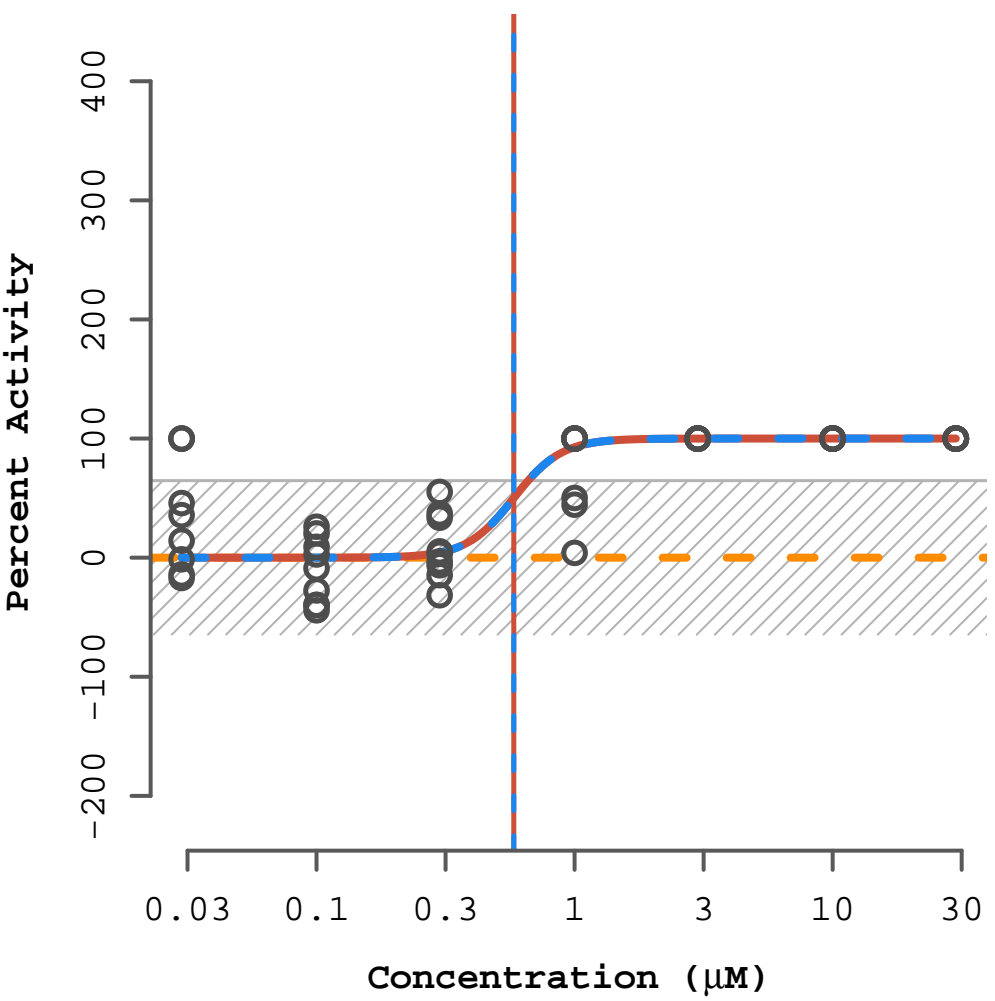
	tp	ga	gw	la	lw
val:	120	-0.601	0.792	2.85	0.529
sd:	21.5	0.179	0.193	1.07	0.54

	CNST	HILL	GNLS
AIC:	38507.39	620.32	621.37
PROB:	0	0.63	0.37
RMSE:	137.85	116.72	116.98

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.3      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10



ASSAY: AEID2508 (CCTE\_Shafer\_MEA\_dev\_interburst\_interval\_mean\_dn

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42623567

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.236	4.7
sd:	2.82	0.0929	1.76

GAIN-LOSS MODEL (in blue):

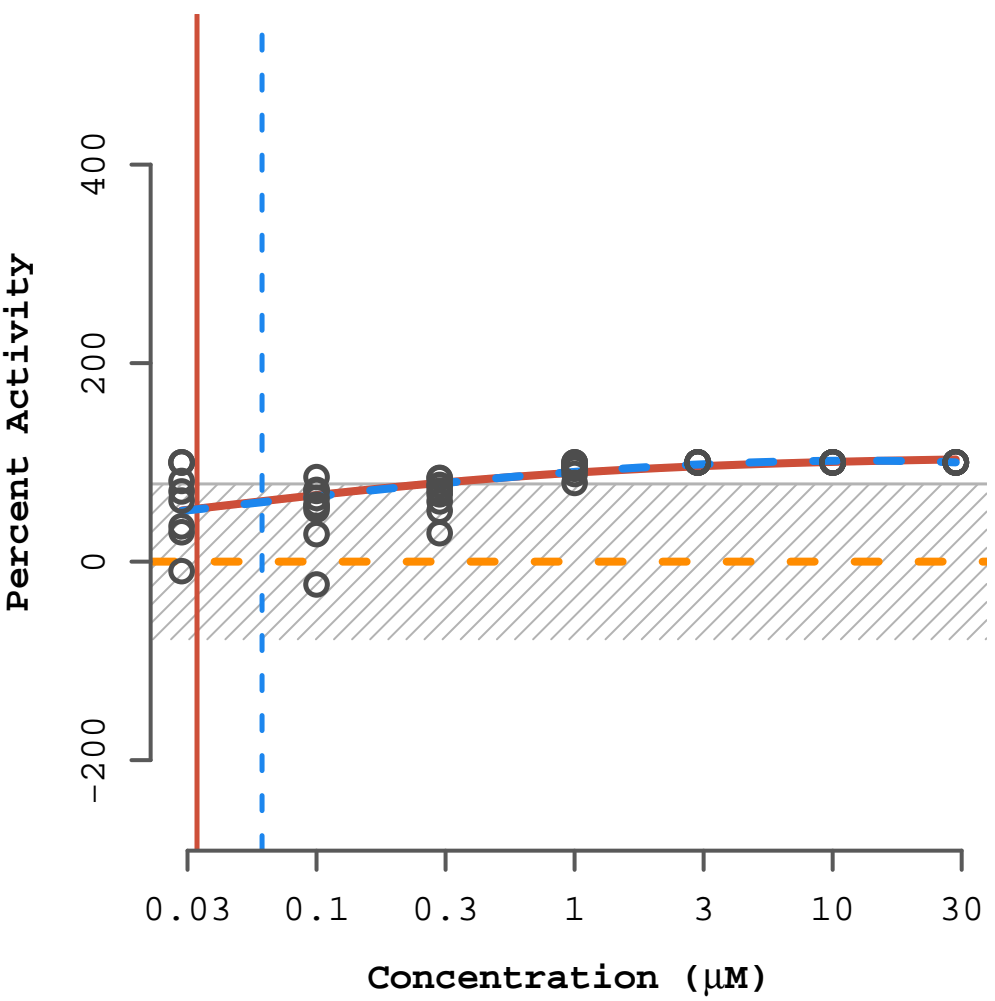
	tp	ga	gw	la	lw
val:	100	-0.236	4.7	3.25	6.68
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38216.89	594.36	598.36
PROB:	0	0.88	0.12
RMSE:	77.93	30.83	30.83

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 21.5

COFF: 64.6 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2510 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_number\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A13  
M4ID: 42624427

HILL MODEL (in red):

	tp	ga	gw
val:	107	-1.46	0.493
sd:	4.96	0.215	0.151

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	120	-1.21	0.417	2.85	0.68
sd:	17.4	0.317	0.149	1.41	0.722

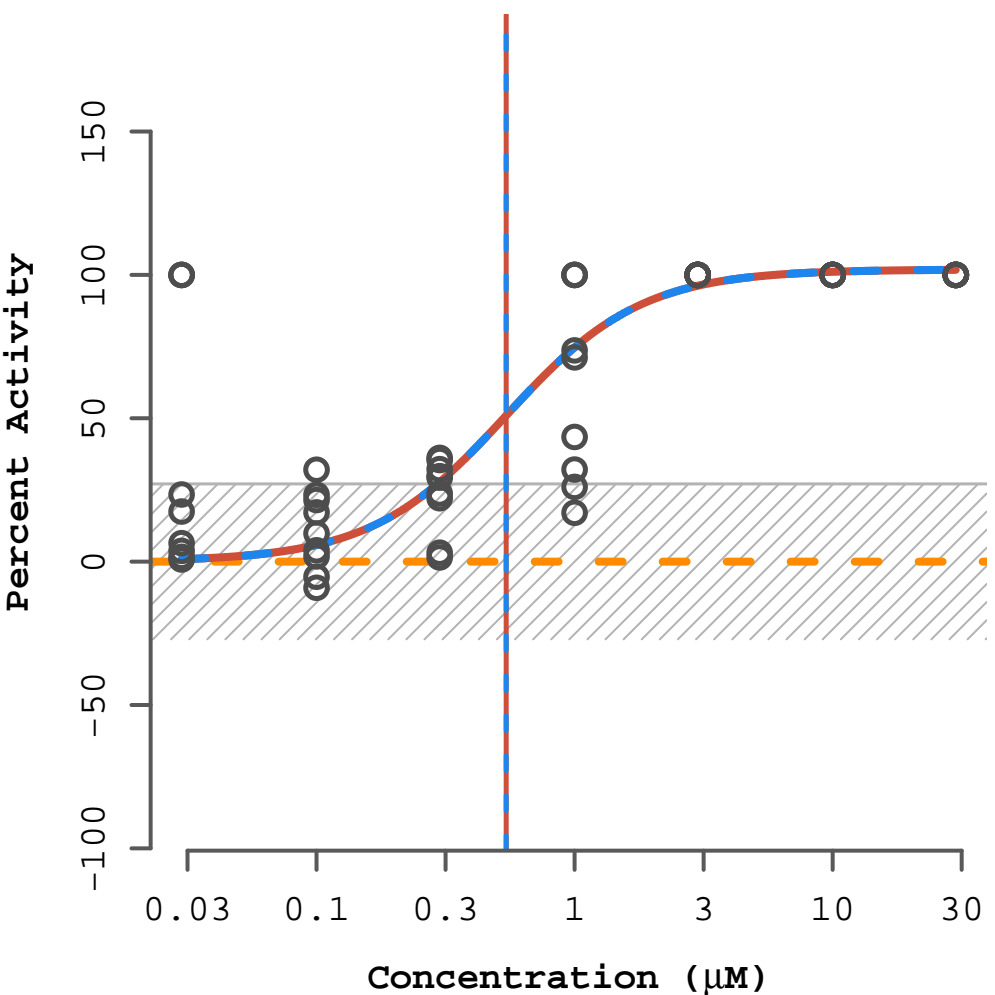
	CNST	HILL	GNLS
AIC:	38558.08	540.54	541.23
PROB:	0	0.59	0.41
RMSE:	86.61	21.1	20.9

MAX\_MEAN: 100                      MAX\_MED: 100                      BMAD: 26.1

COFF: 78.3      HIT-CALL: 1              FITC: 41              ACTP: 1

FLAGS:





ASSAY: AEID2512 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_peak\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42625590

HILL MODEL (in red):

	tp	ga	gw
val:	102	-0.265	1.66
sd:	2.39	0.0532	0.266

GAIN-LOSS MODEL (in blue):

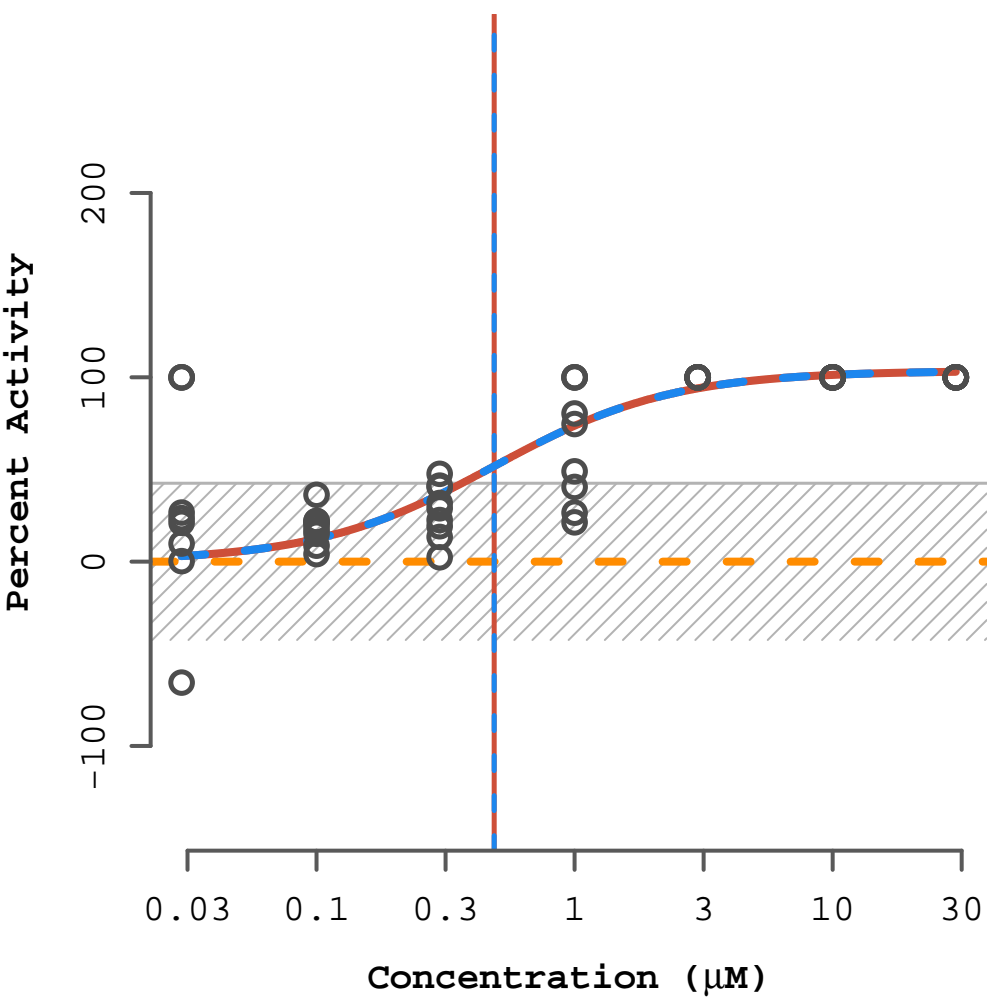
	tp	ga	gw	la	lw
val:	102	-0.265	1.66	2.72	8.92
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38108.81	556.84	560.84
PROB:	0	0.88	0.12
RMSE:	74.99	26.48	26.48

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 9.04

COFF: 27.1      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2514 (CCTE\_Shafer\_MEA\_dev\_spike\_duration\_mean\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42626488

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.312	1.26
sd:	3.16	0.0668	0.218

GAIN-LOSS MODEL (in blue):

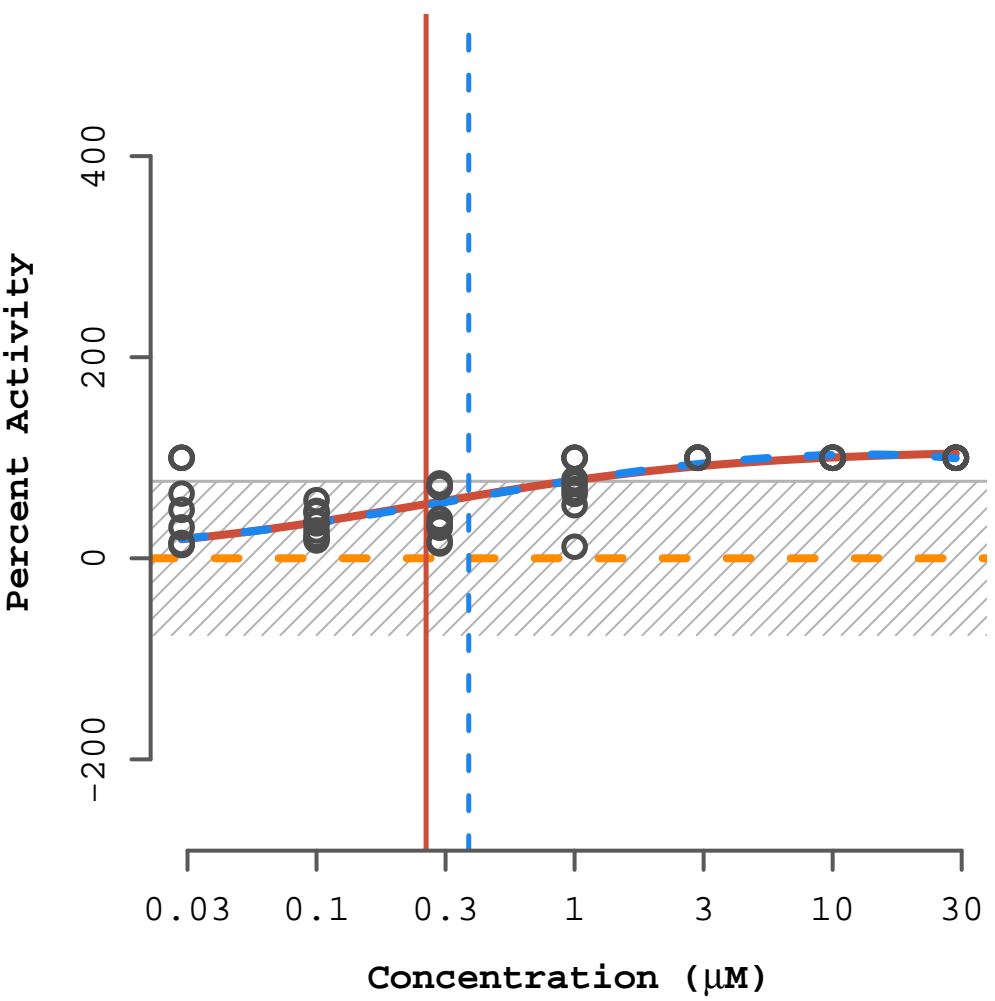
	tp	ga	gw	la	lw
val:	104	-0.312	1.26	2.89	15.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	38236.03	569.53	573.53
PROB:	0	0.88	0.12
RMSE:	76.18	27.29	27.29

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 14.2

COFF: 42.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2516 (CCTE\_Shafer\_MEA\_dev\_network\_spike\_duration\_std\_

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42627320

HILL MODEL (in red):

	tp	ga	gw
val:	108	-0.575	0.71
sd:	5.26	0.118	0.133

GAIN-LOSS MODEL (in blue):

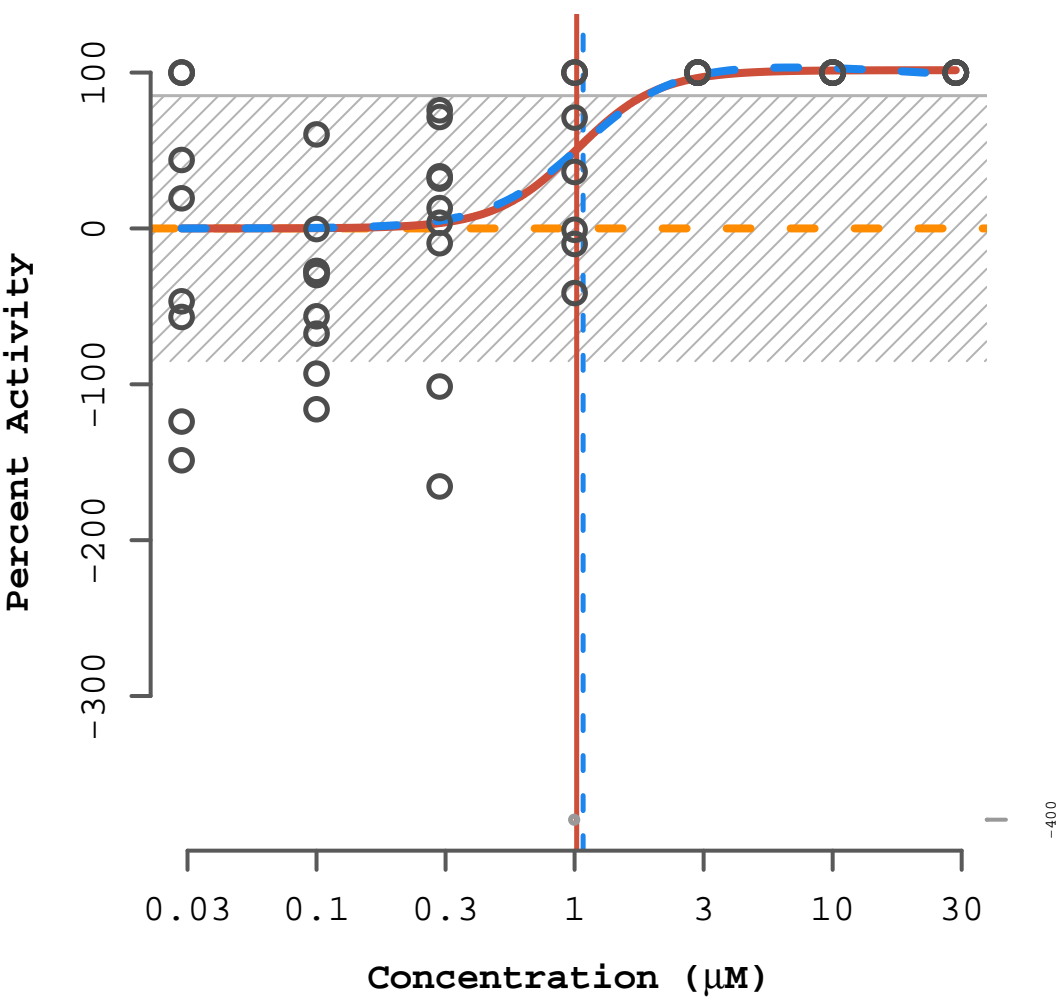
	tp	ga	gw	la	lw
val:	120	-0.41	0.644	2.24	1.13
sd:	16.1	0.224	0.128	0.623	1.09

	CNST	HILL	GNLS
AIC:	38402.24	568.89	569.55
PROB:	0	0.58	0.42
RMSE:	79.13	24.55	24.23

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 25.5

COFF: 76.6      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2518 (CCTE\_Shafer\_MEA\_dev\_inter\_network\_spike\_interva

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42628314 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	102	0.00813	2.74
sd:	7.97	0.139	2.33

GAIN-LOSS MODEL (in blue):

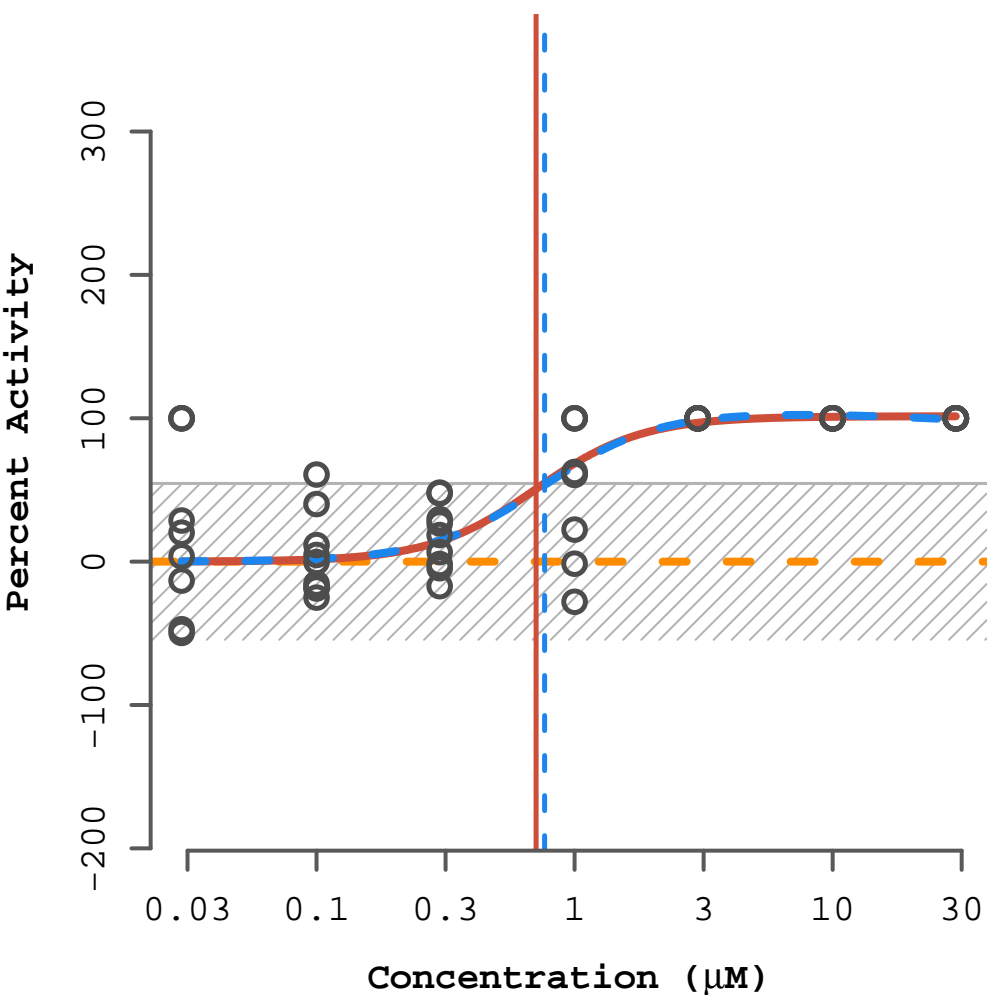
	tp	ga	gw	la	lw
val:	112	0.033	2.38	3.48	0.438
sd:	146	0.262	2.03	10.8	4.72

	CNST	HILL	GNLS
AIC:	38399.51	699.69	703.6
PROB:	0	0.88	0.12
RMSE:	100.2	78.68	78.71

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 28.4

COFF: 85.2      HIT-CALL: 1      FITC: 37      ACTP: 1

FLAGS: 11



ASSAY: AEID2520 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_num

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42629176

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.149	2.12
sd:	3.65	0.0801	0.517

GAIN-LOSS MODEL (in blue):

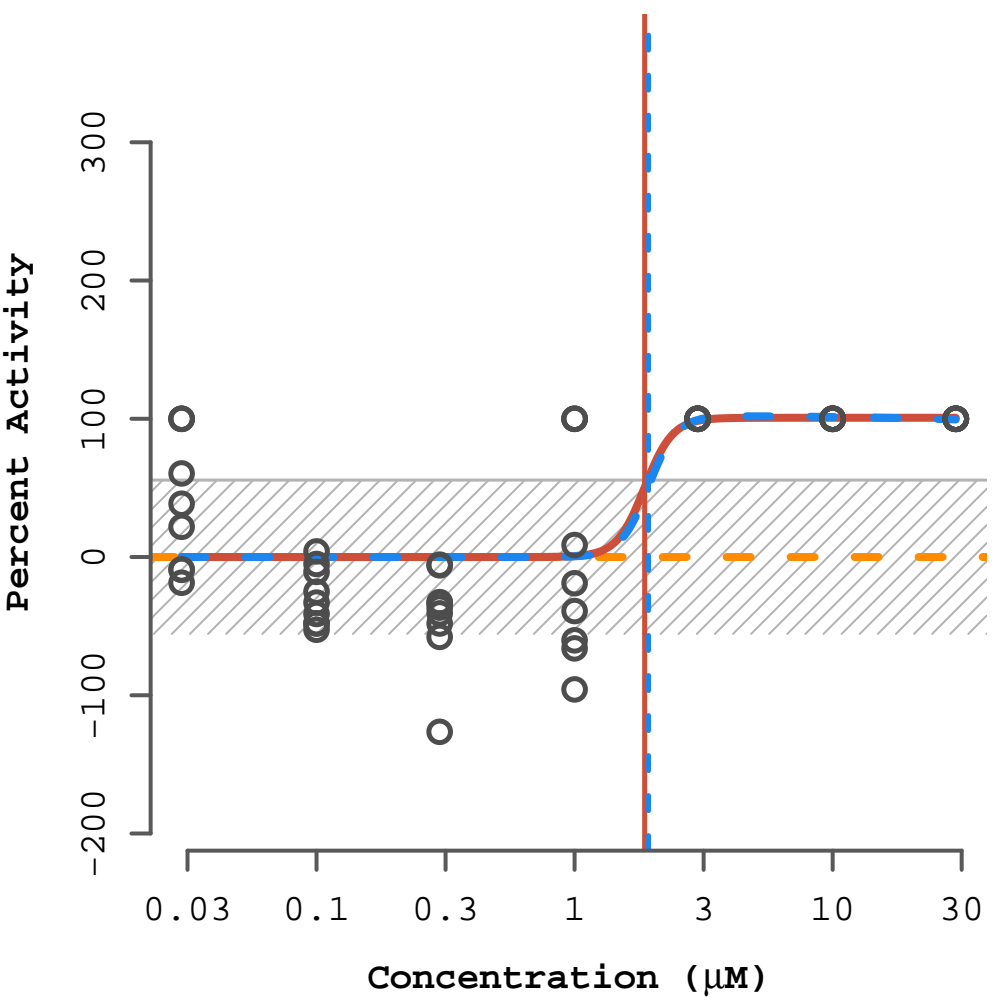
	tp	ga	gw	la	lw
val:	108	-0.116	1.96	3.48	0.528
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38171.8	605.3	609.02
PROB:	0	0.87	0.13
RMSE:	75.87	32.56	32.44

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 18.2

COFF: 54.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:



ASSAY: AEID2522 (CCTE\_Shafer\_MEA\_dev\_per\_network\_spike\_spike\_per

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42630320

HILL MODEL (in red):

	tp	ga	gw
val:	101	0.272	8
sd:	5.66	0.156	5.39

GAIN-LOSS MODEL (in blue):

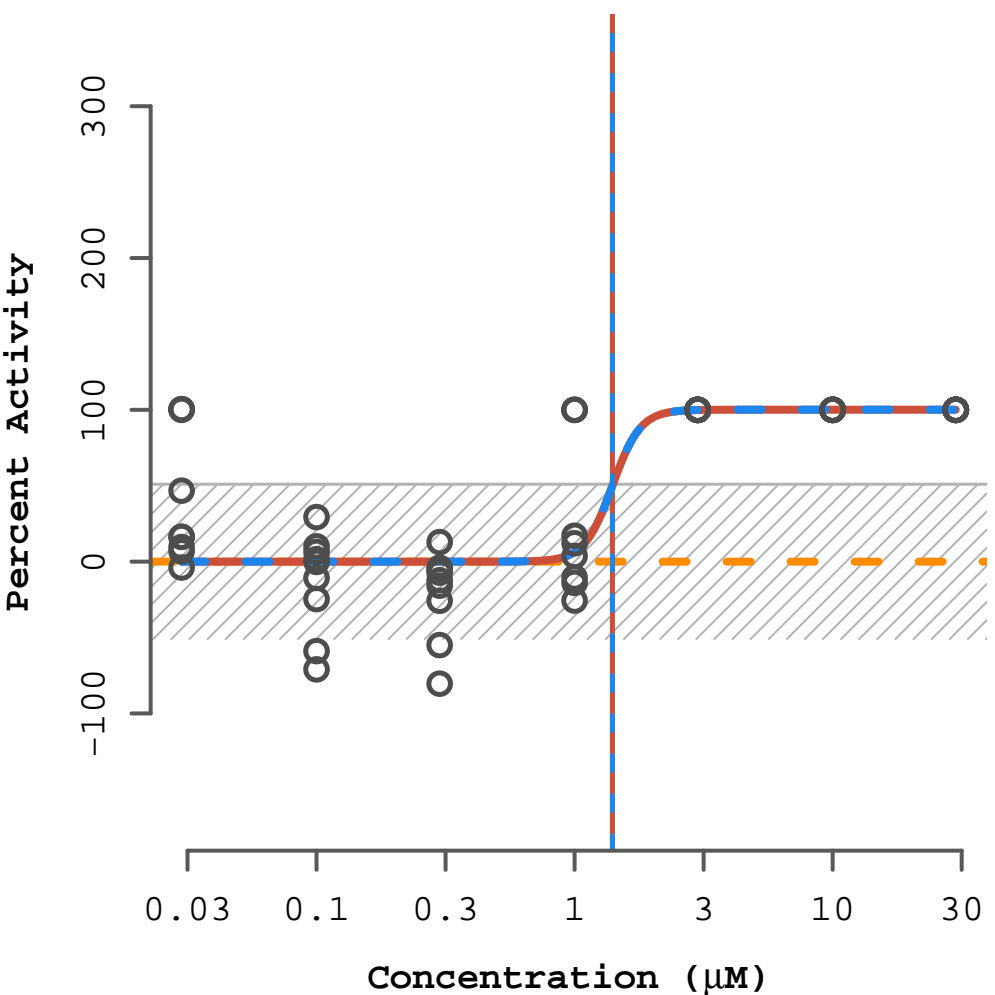
	tp	ga	gw	la	lw
val:	103	0.286	8	3.43	0.77
sd:	37.4	0.216	6.86	20.8	10.9

	CNST	HILL	GNLS
AIC:	38315.62	655.27	659.24
PROB:	0	0.88	0.12
RMSE:	78.99	44.19	44.19

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 18.6

COFF: 55.7 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2524 (CCTE\_Shafer\_MEA\_dev\_correlation\_coefficient\_mea

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42631125

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.147	8
sd:	3.23	0.318	17.1

GAIN-LOSS MODEL (in blue):

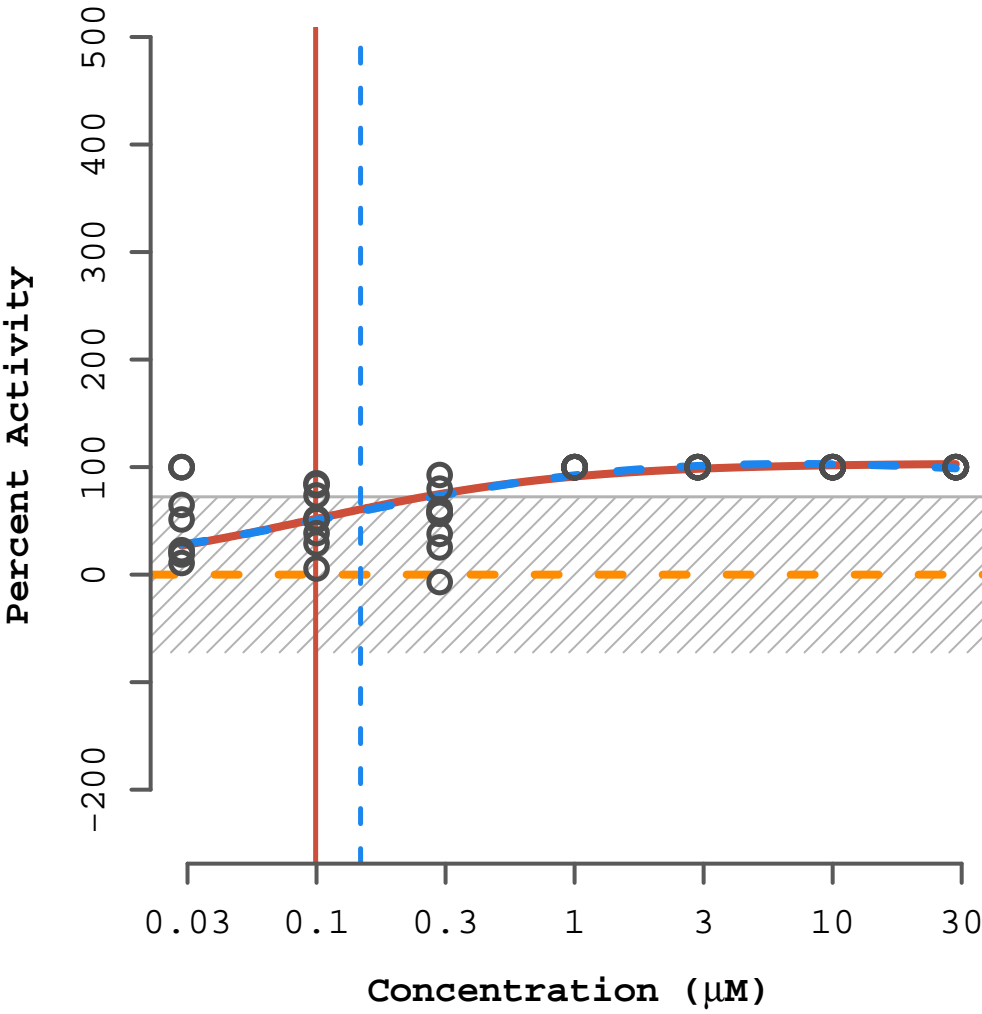
	tp	ga	gw	la	lw
val:	100	0.147	7.99	1.68	14.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	1404.92	611.47	615.47
PROB:	0	0.88	0.12
RMSE:	75.12	36.14	36.14

MAX\_MEAN: 100 MAX\_MED: 100 BMAD: 17

COFF: 51 HIT-CALL: 1 FITC: 41 ACTP: 1

FLAGS:



ASSAY: AEID2526 (CCTE\_Shafer\_MEA\_dev\_mutual\_information\_norm\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip

CHID: 880006 CASRN: 34552-83-5

SPID(S): MEA20201109A13

M4ID: 42631573

HILL MODEL (in red):

	tp	ga	gw
val:	104	-1	0.868
sd:	2.89	0.097	0.157

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	120	-0.829	0.737	3.16	0.428
sd:	23	0.202	0.168	1.3	0.458

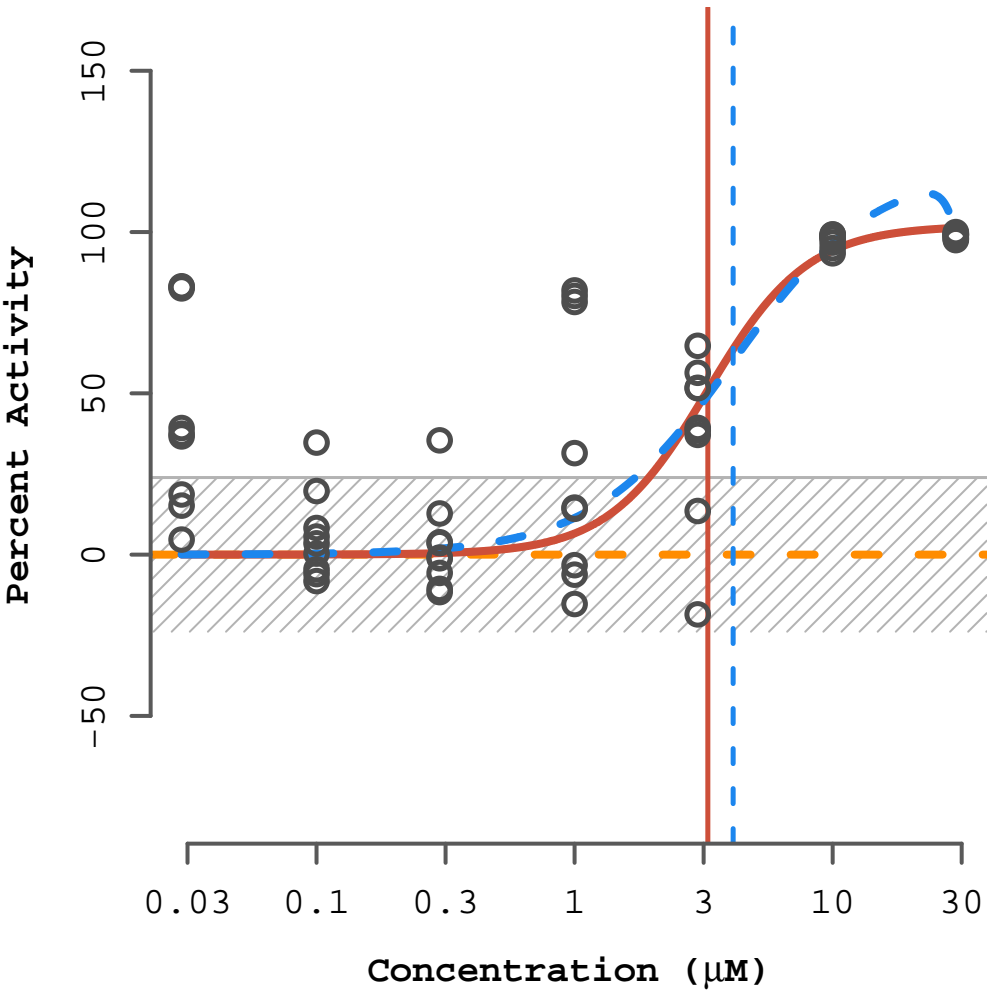
	CNST	HILL	GNLS
AIC:	38486.3	561.62	562.61
PROB:	0	0.62	0.38
RMSE:	85.35	24.07	23.66

MAX\_MEAN: 100      MAX\_MED: 100      BMAD: 24.1

COFF: 72.4      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS:





ASSAY: AEID2529 (CCTE\_Shafer\_MEA\_dev\_LDH\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A13  
M4ID: 42632676

HILL MODEL (in red):

	tp	ga	gw
val:	102	0.516	2.25
sd:	5.04	0.0495	0.75

GAIN-LOSS MODEL (in blue):

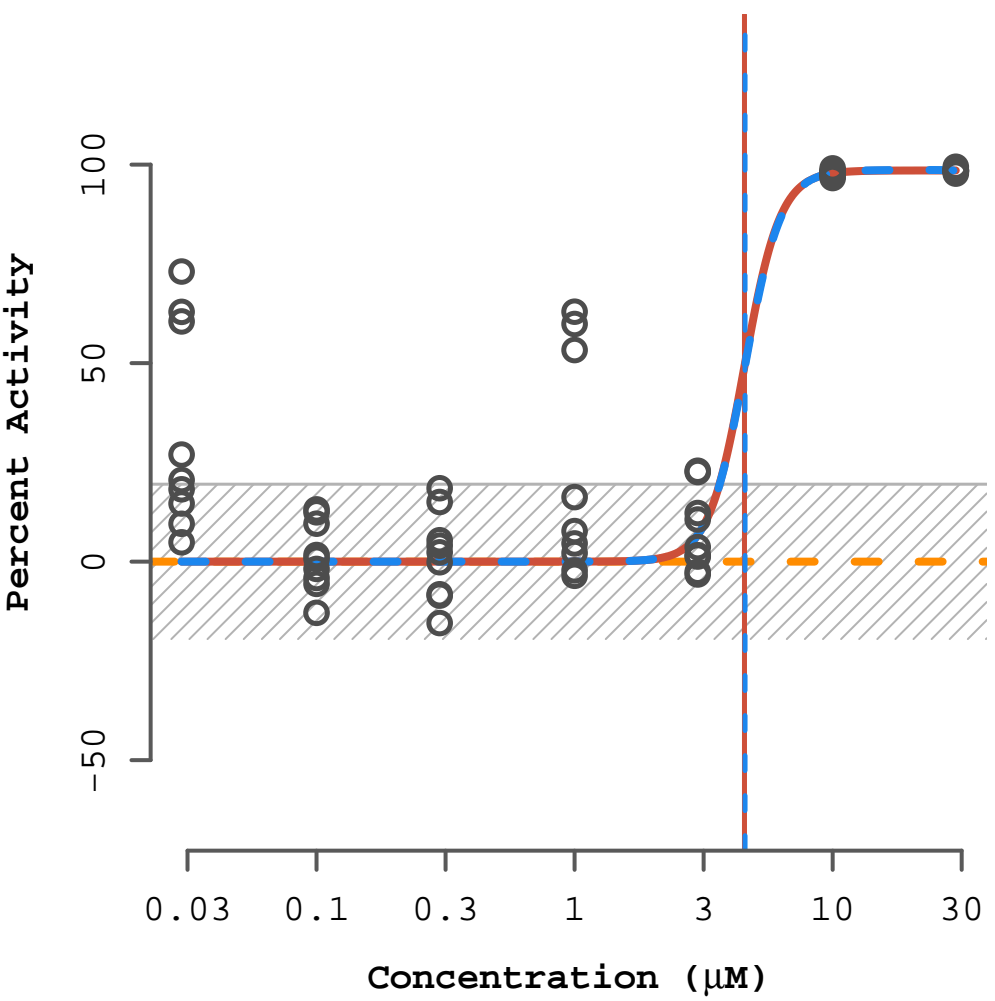
	tp	ga	gw	la	lw
val:	120	0.614	1.59	1.54	11.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	706.89	589.31	591.34
PROB:	0	0.73	0.27
RMSE:	61.88	28.97	28.35

MAX\_MEAN: 98.9      MAX\_MED: 99.1      BMAD: 7.96

COFF: 23.9      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10



ASSAY: AEID2530 (CCTE\_Shafer\_MEA\_dev\_AB\_dn)

NAME: 4-(4-Chlorophenyl)-4-hydroxy-N,N-dimethyl-alpha,alpha-dip  
CHID: 880006 CASRN: 34552-83-5  
SPID(S): MEA20201109A13  
M4ID: 42632911

HILL MODEL (in red):

	tp	ga	gw
val:	98.5	0.658	6.27
sd:	2.95	0.145	4.94

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	98.6	0.66	6.19	1.66	15.4
sd:	11.1	0.392	13	0.605	20.3

	CNST	HILL	GNLS
AIC:	690.56	536.71	540.71
PROB:	0	0.88	0.12
RMSE:	56.62	21.07	21.07

MAX\_MEAN: 98.5      MAX\_MED: 98.4      BMAD: 6.5

COFF: 19.5      HIT-CALL: 1      FITC: 41      ACTP: 1

FLAGS: 10