6−PPD
CCTE_Shafer_MEA_acute_spike_number

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	1.3	−101	1.3	2.2	1
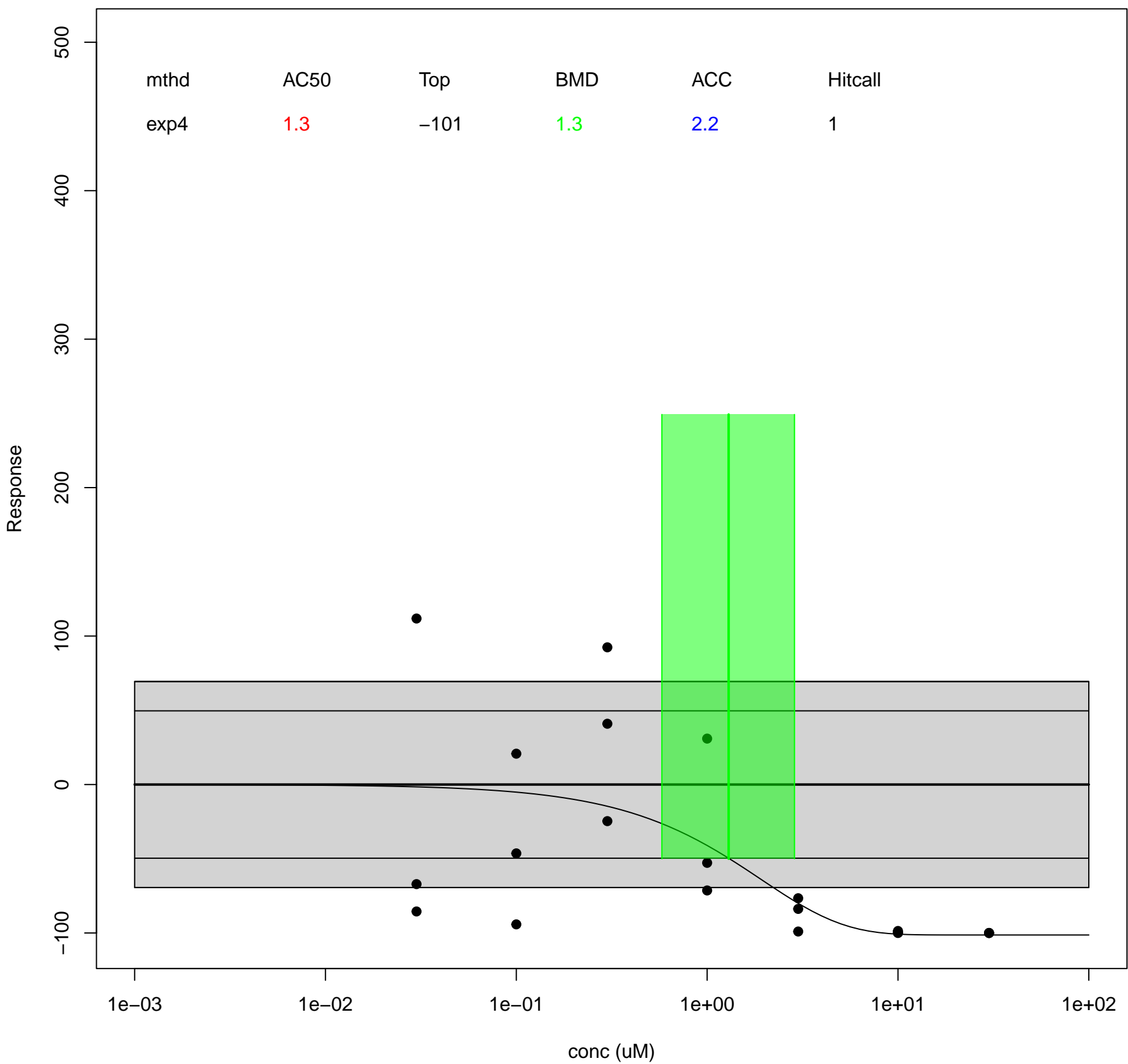
6−PPD
CCTE_Shafer_MEA_acute_firing_rate_mean

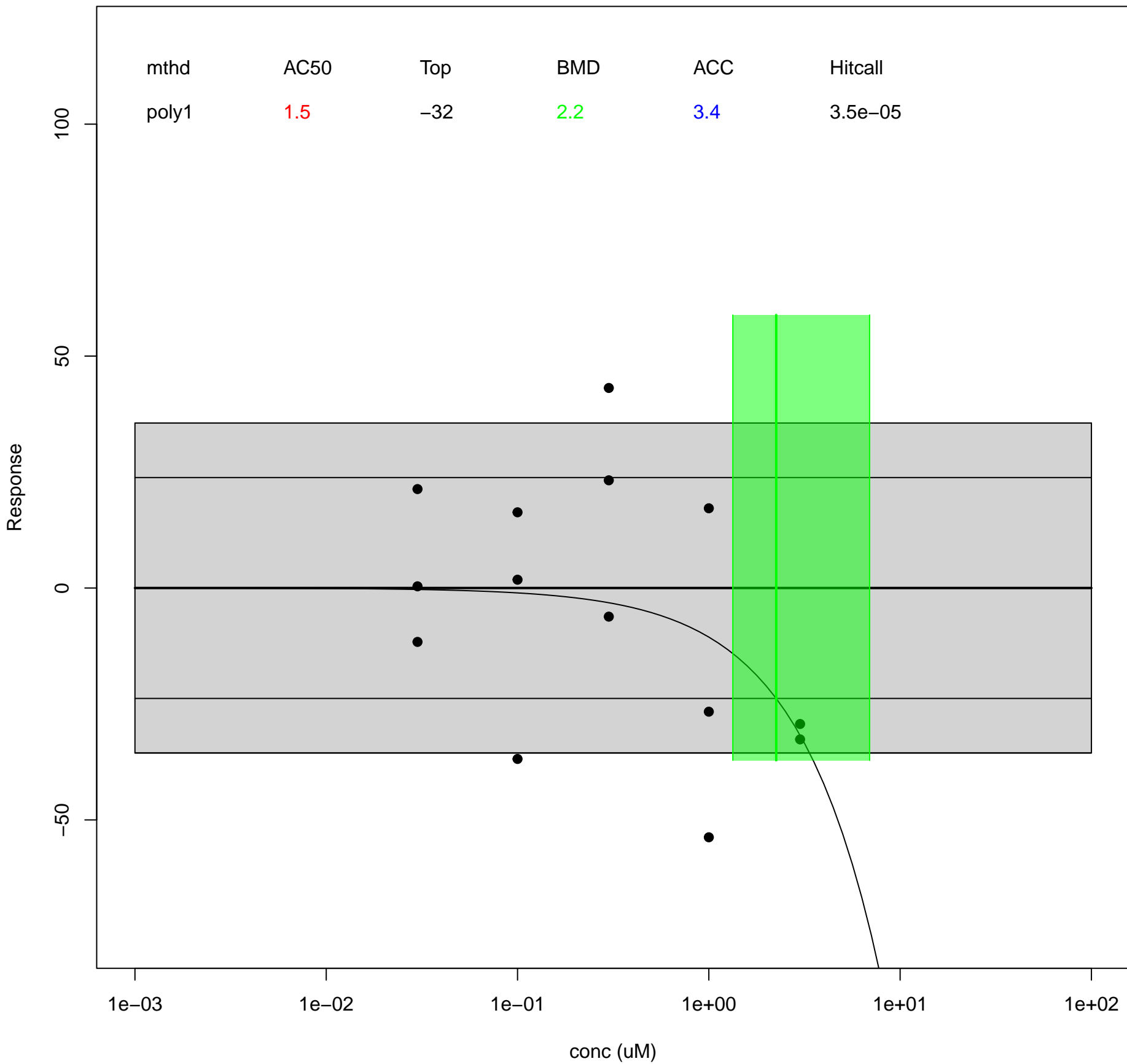| mthd	AC50	Top	BMD	ACC	Hitcall
exp4	1.3	−101	1.3	2.3	1

Response (y-axis)

conc (uM) (x-axis)
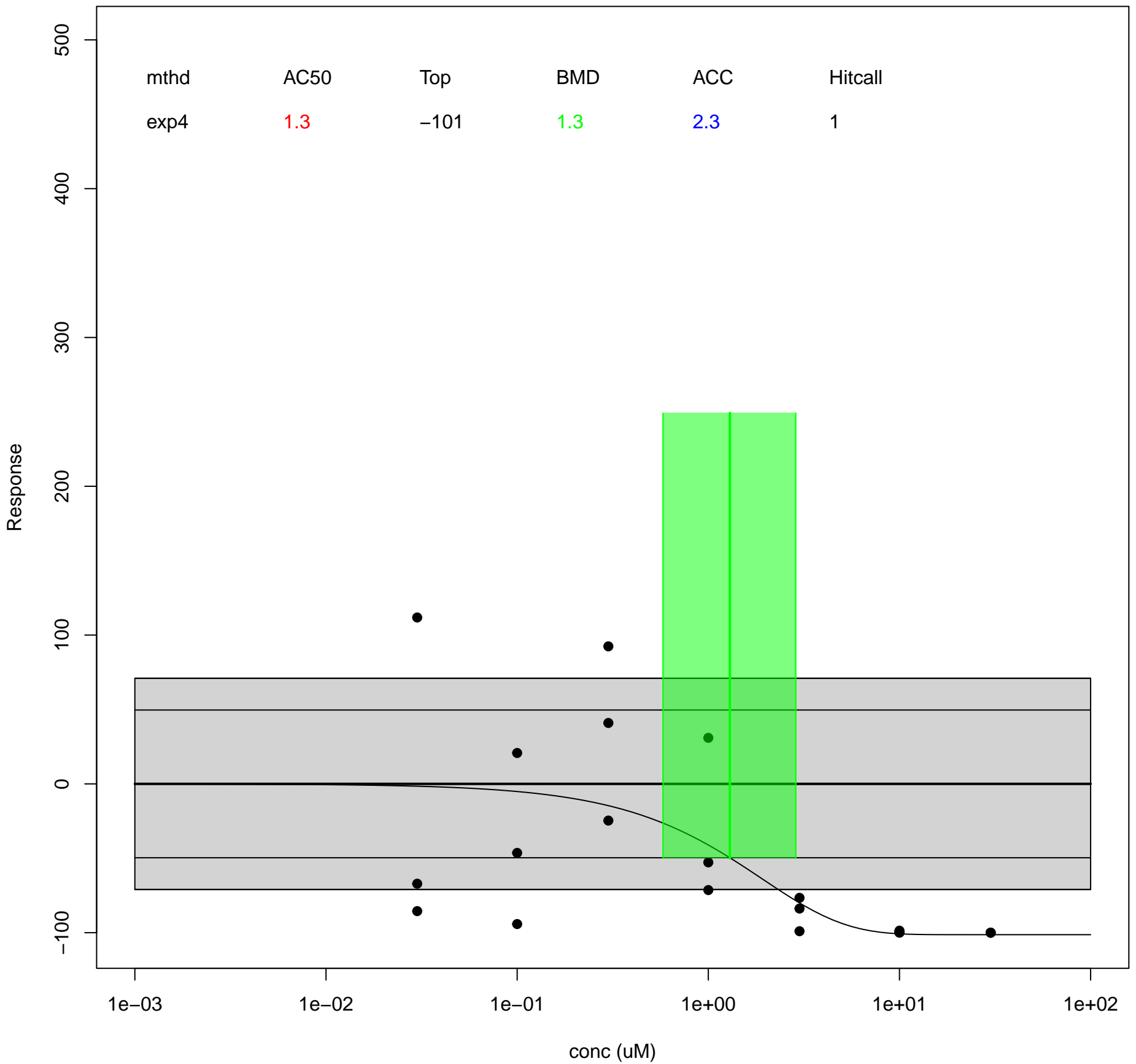
6−PPD
CCTE_Shafer_MEA_acute_burst_number

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.0081	−92	0.011	0.026	1
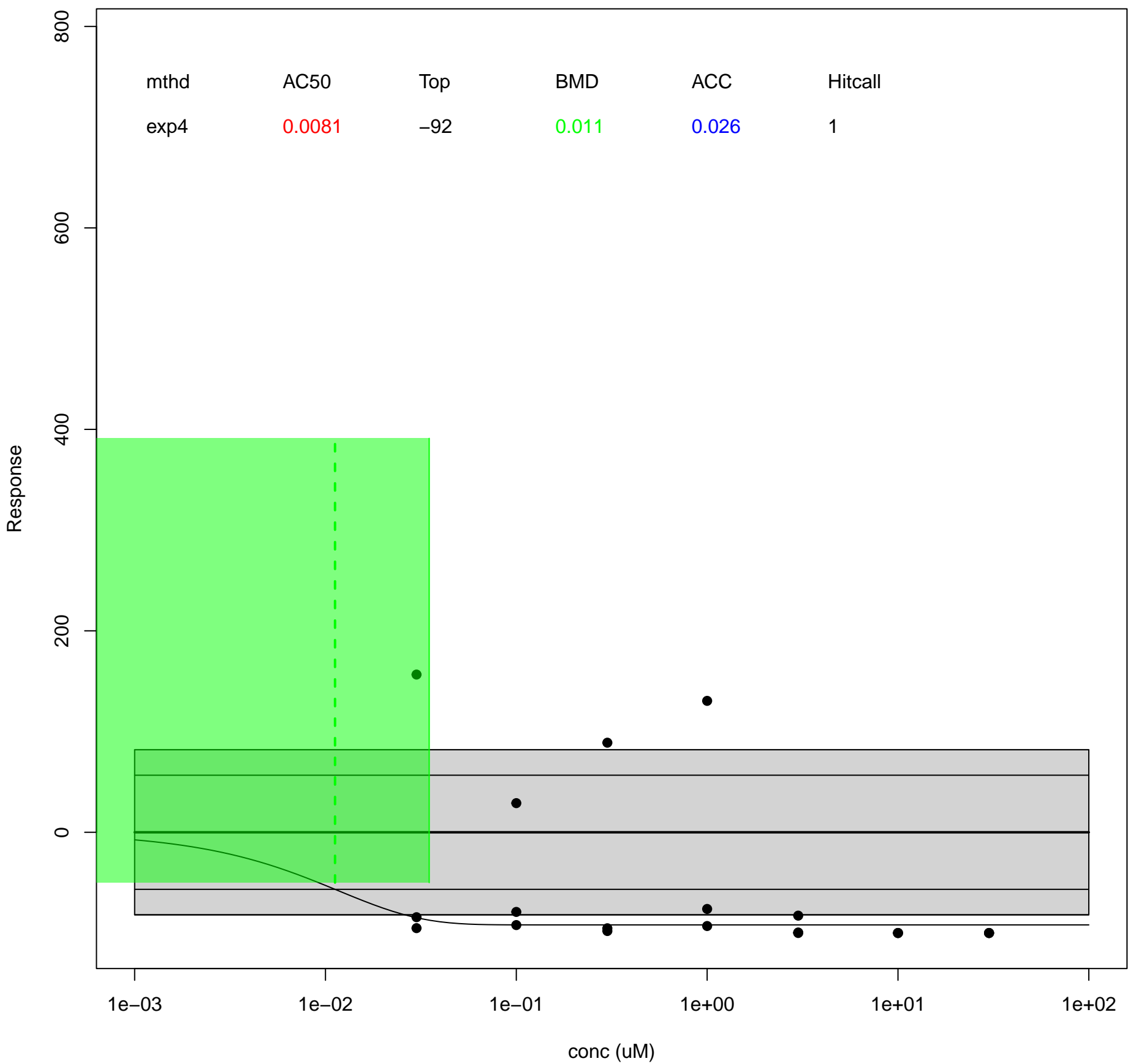
6–PPD
CCTE_Shafer_MEA_acute_burst_duration_mean

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	1.5	−32	2.2	3.4	3.5e−05

6−PPD
CCTE_Shafer_MEA_acute_per_burst_spike_number_mean

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.0065	−50	0.0068	0.0092	0.99

Response

conc (uM)
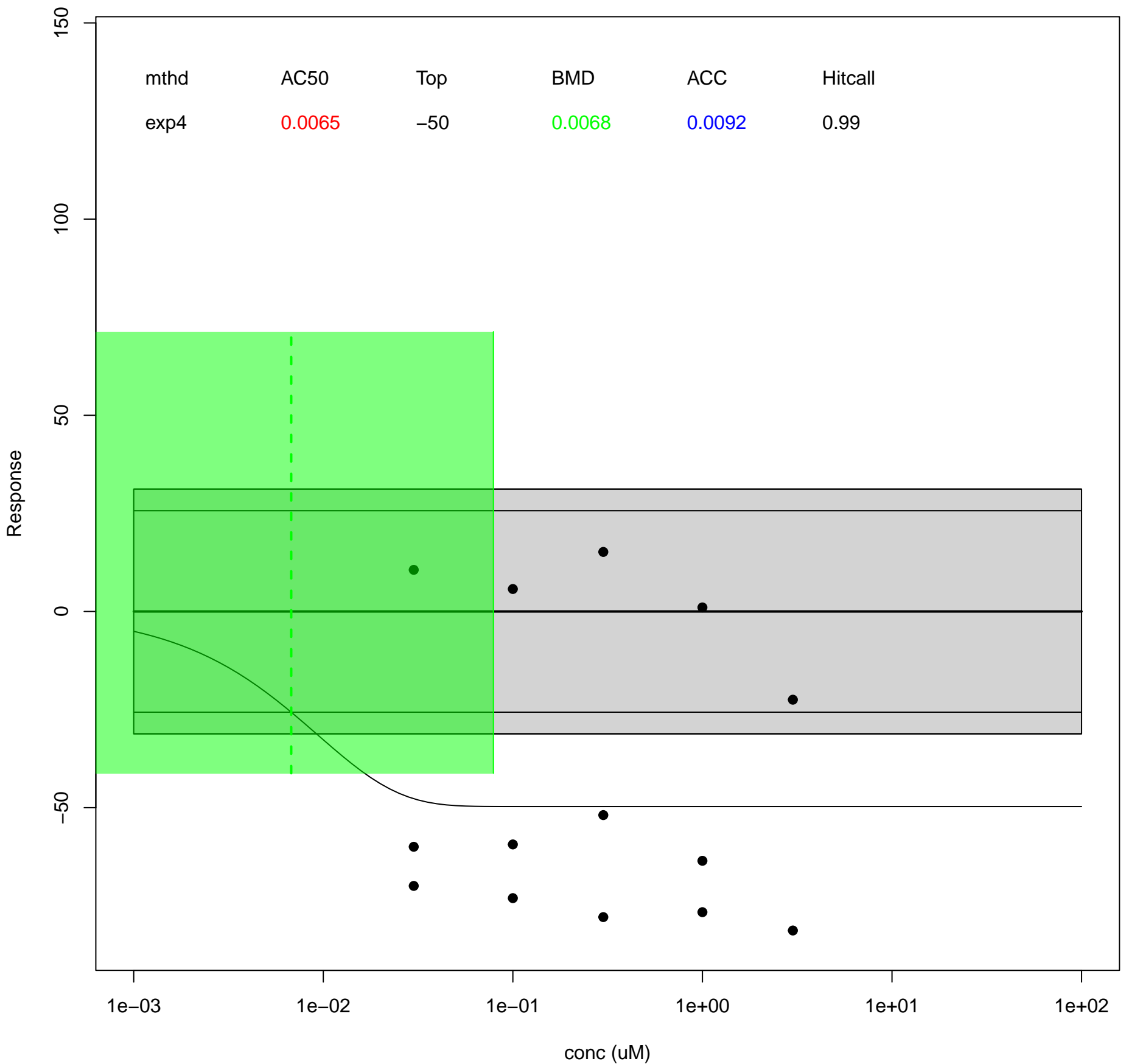
6−PPD
CCTE_Shafer_MEA_acute_interburst_interval_mean
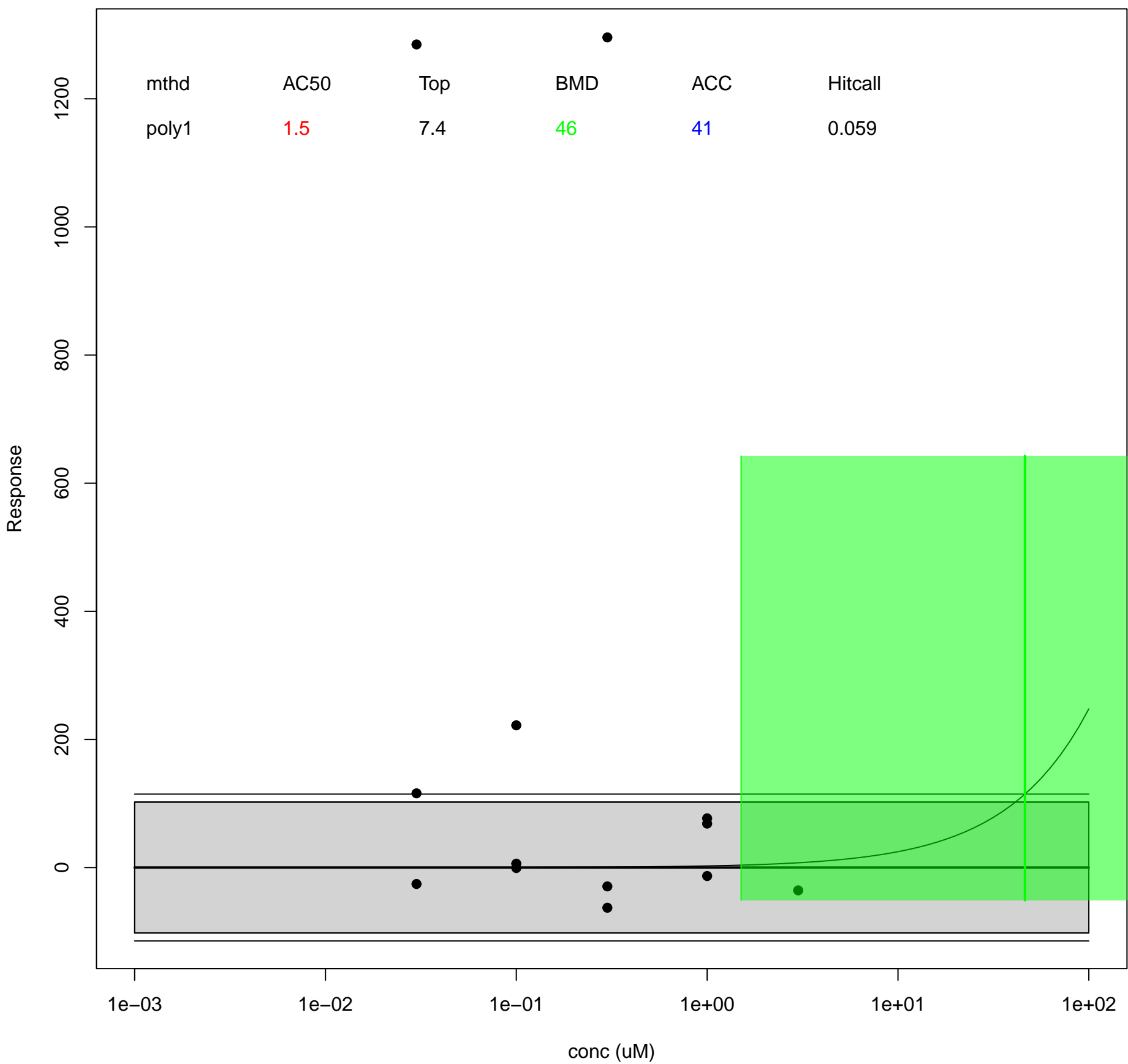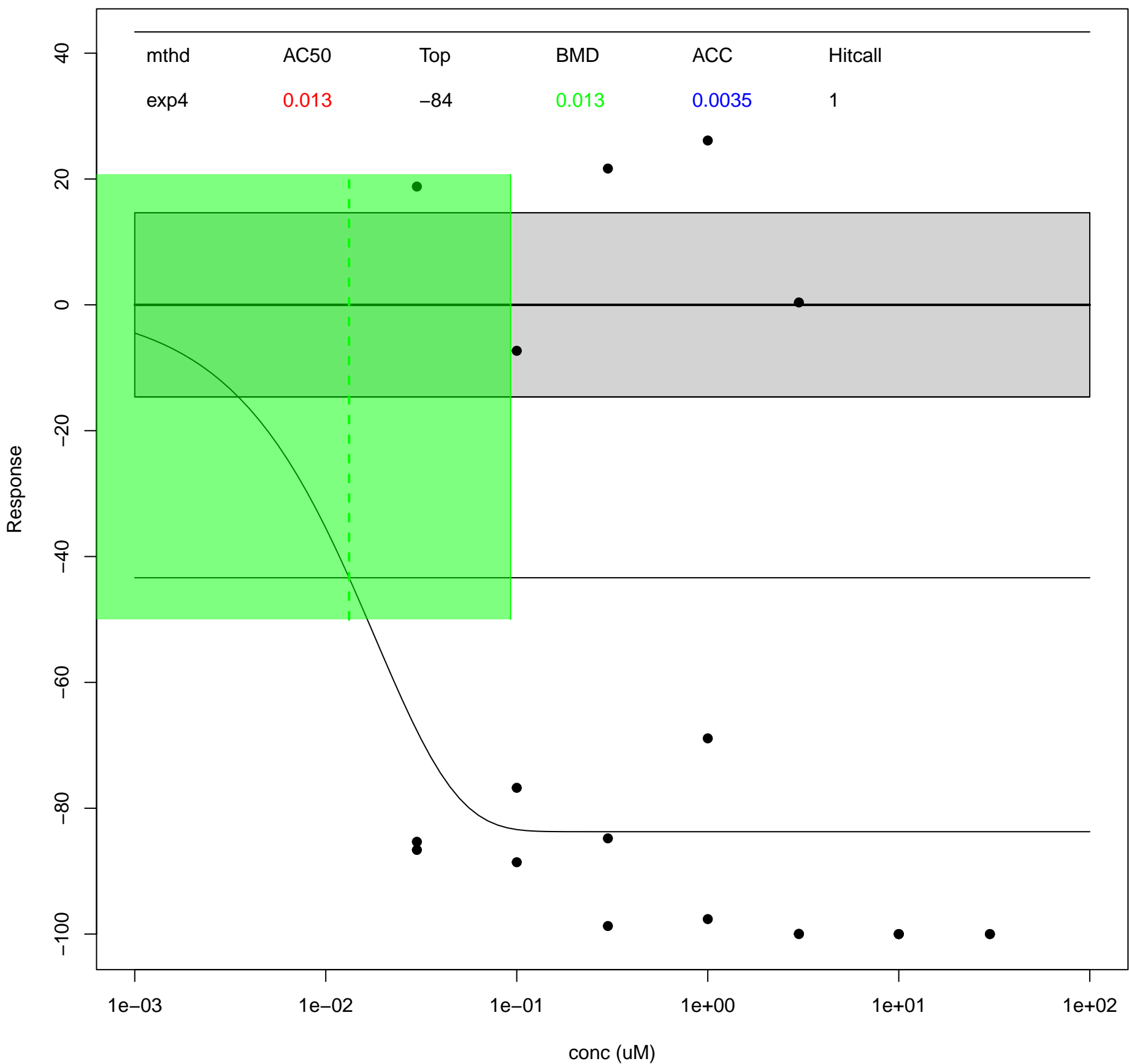
mthd	AC50	Top	BMD	ACC	Hitcall
poly1	1.5	7.4	46	41	0.059

Response

conc (uM)

6−PPD
CCTE_Shafer_MEA_acute_burst_percentage_mean

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.013	−84	0.013	0.0035	1

6-PPD
CCTE_Shafer_MEA_acute_burst_percentage_std

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	5	−106	7	5.1	0.98

Response

conc (uM)

6−PPD
CCTE_Shafer_MEA_acute_per_network_burst_spike_number_mean

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	1.5	112	3.2	1.7	0.32

6−PPD
CCTE_Shafer_MEA_acute_per_network_burst_spike_number_std

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.003	−65	0.0066	0.0069	0.99

Response

conc (uM)
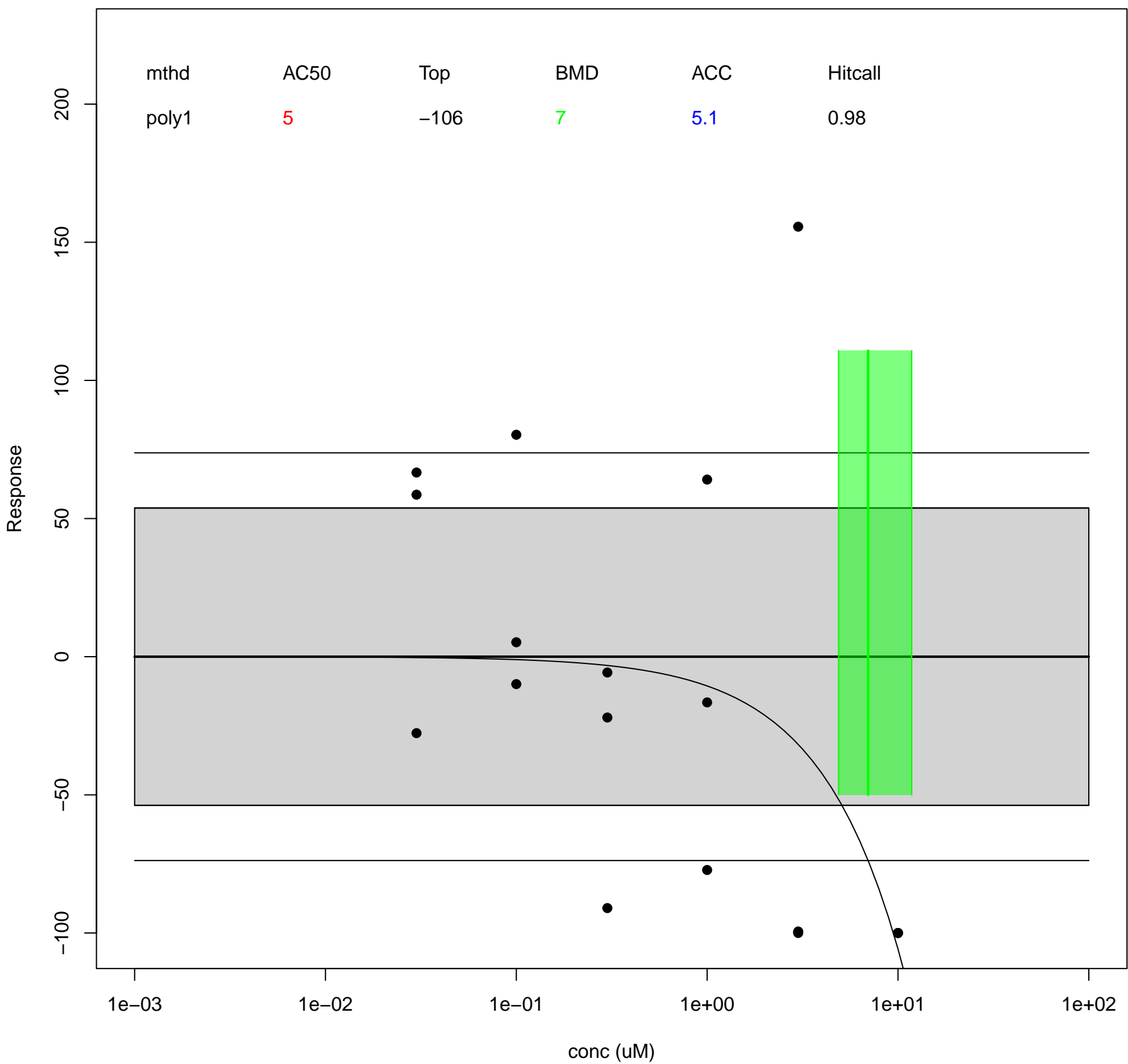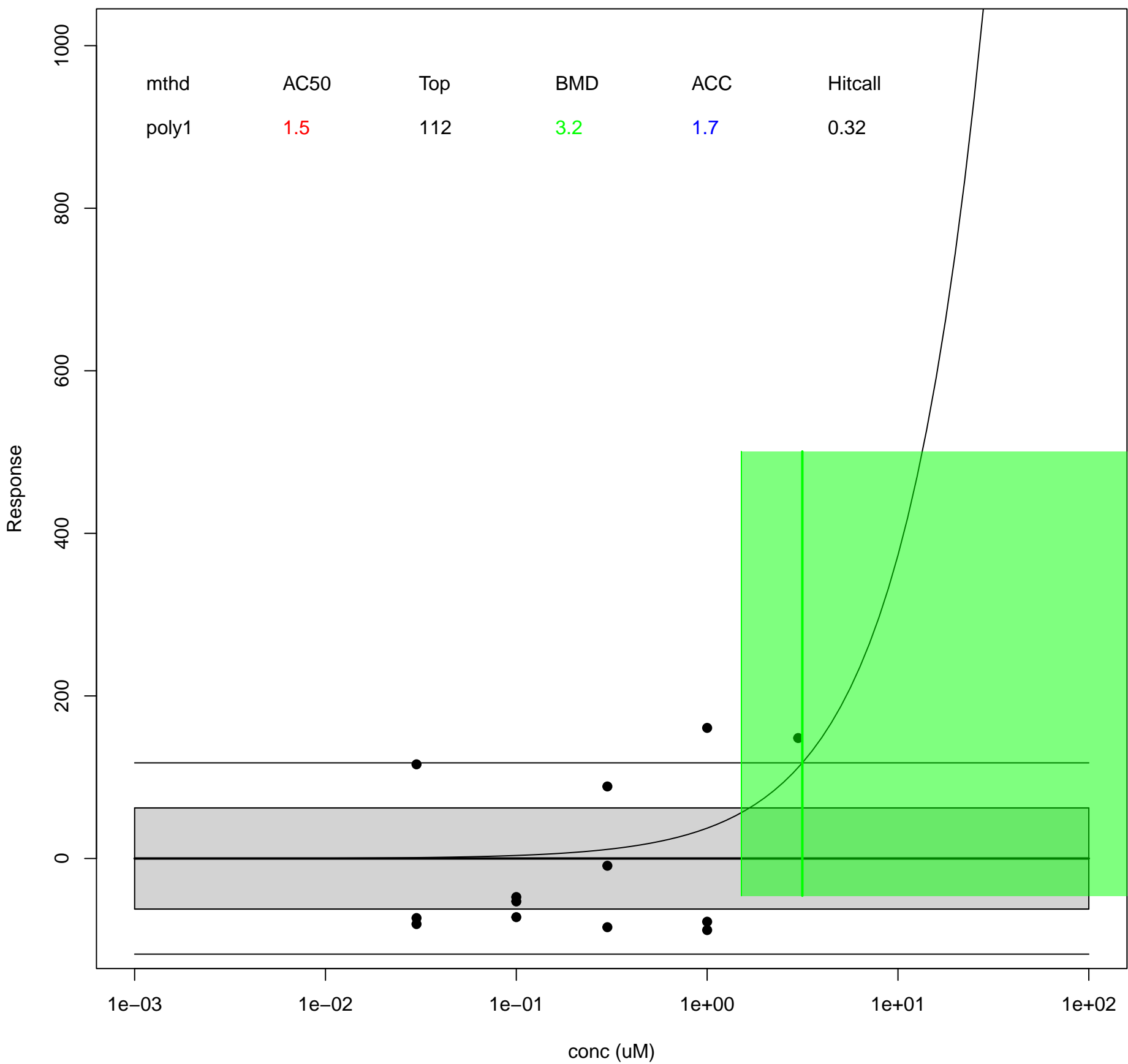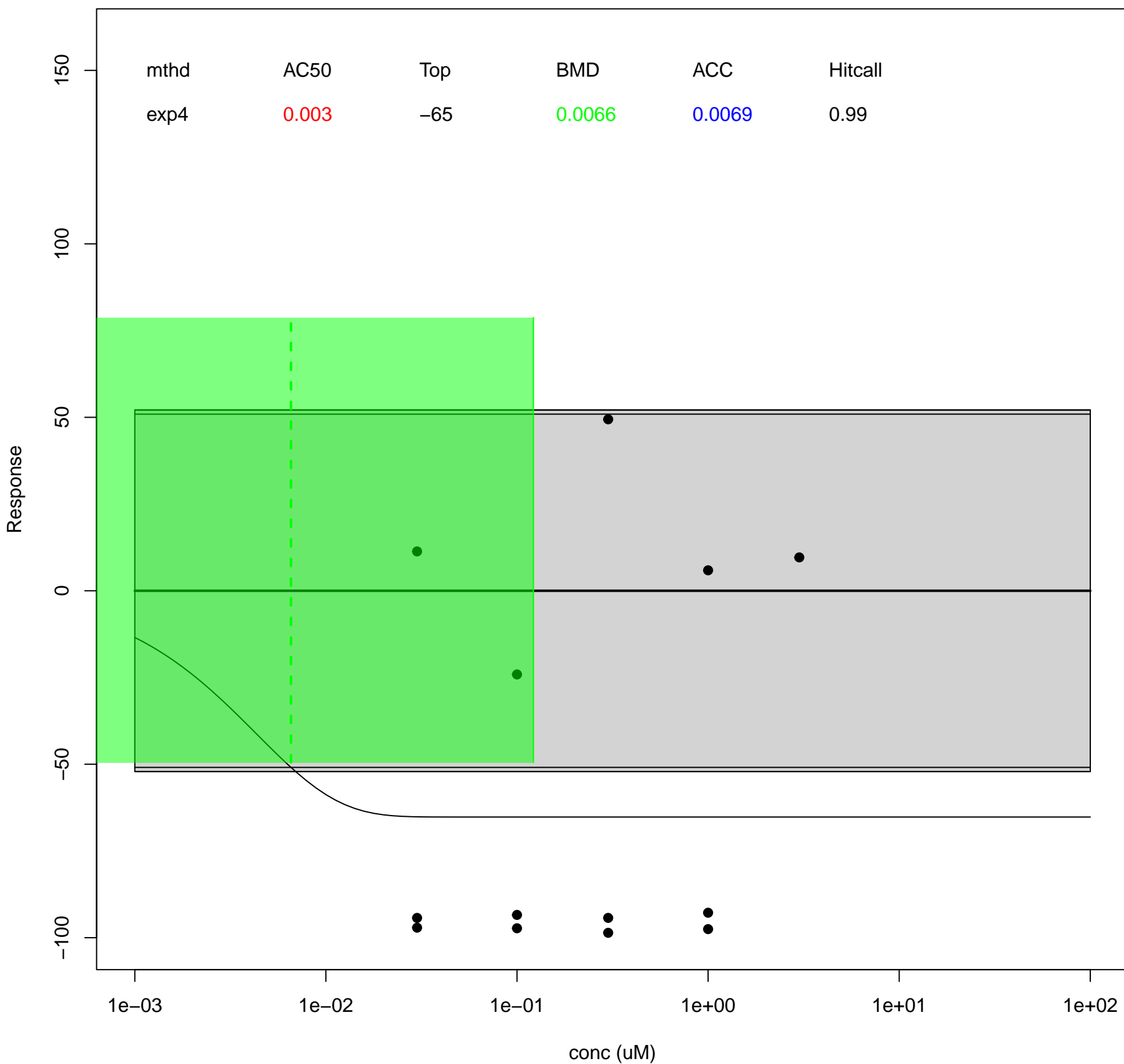
6–PPD
CCTE_Shafer_MEA_acute_per_network_burst_electrodes_number_mean

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	1.5	24	2.3	2.7	0.18
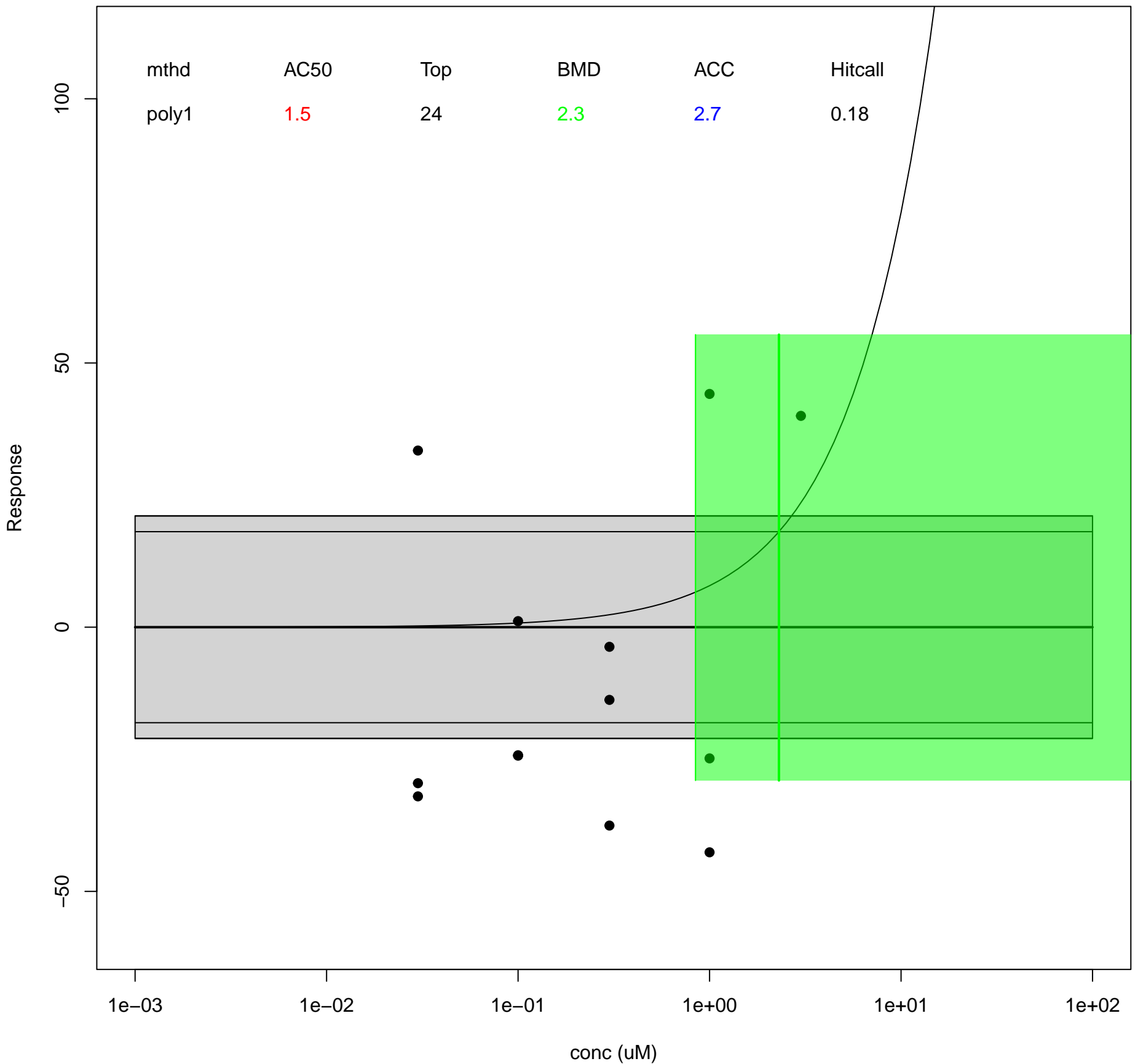
6−PPD
CCTE_Shafer_MEA_acute_network_burst_percentage
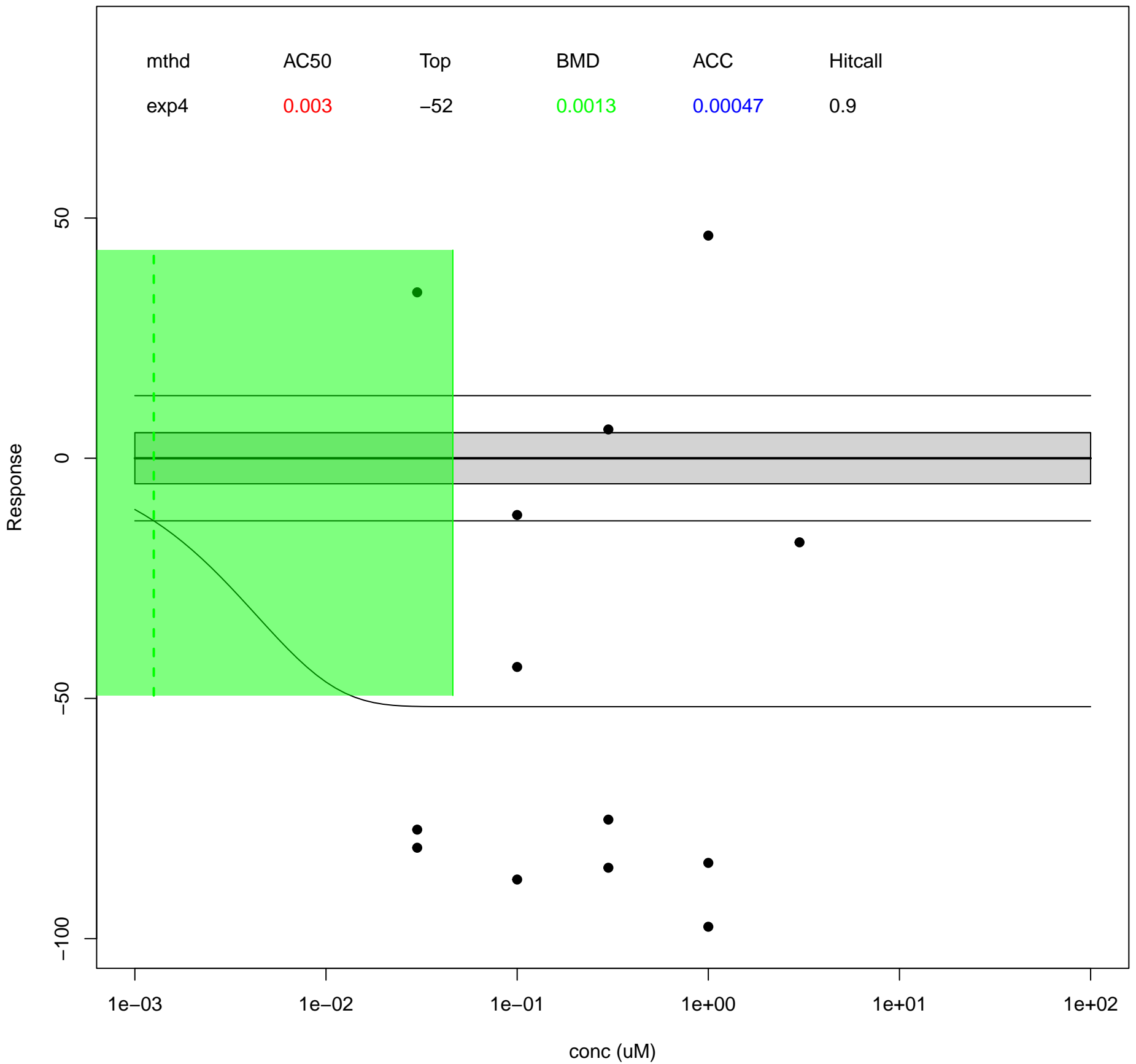
mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.003	−52	0.0013	0.00047	0.9

6−PPD
CCTE_Shafer_MEA_acute_cross_correlation_area

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.003	−93	NA	NA	0

6–PPD
CCTE_Shafer_MEA_acute_cross_correlation_HWHM

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	5	−107	5	2.9	0.98
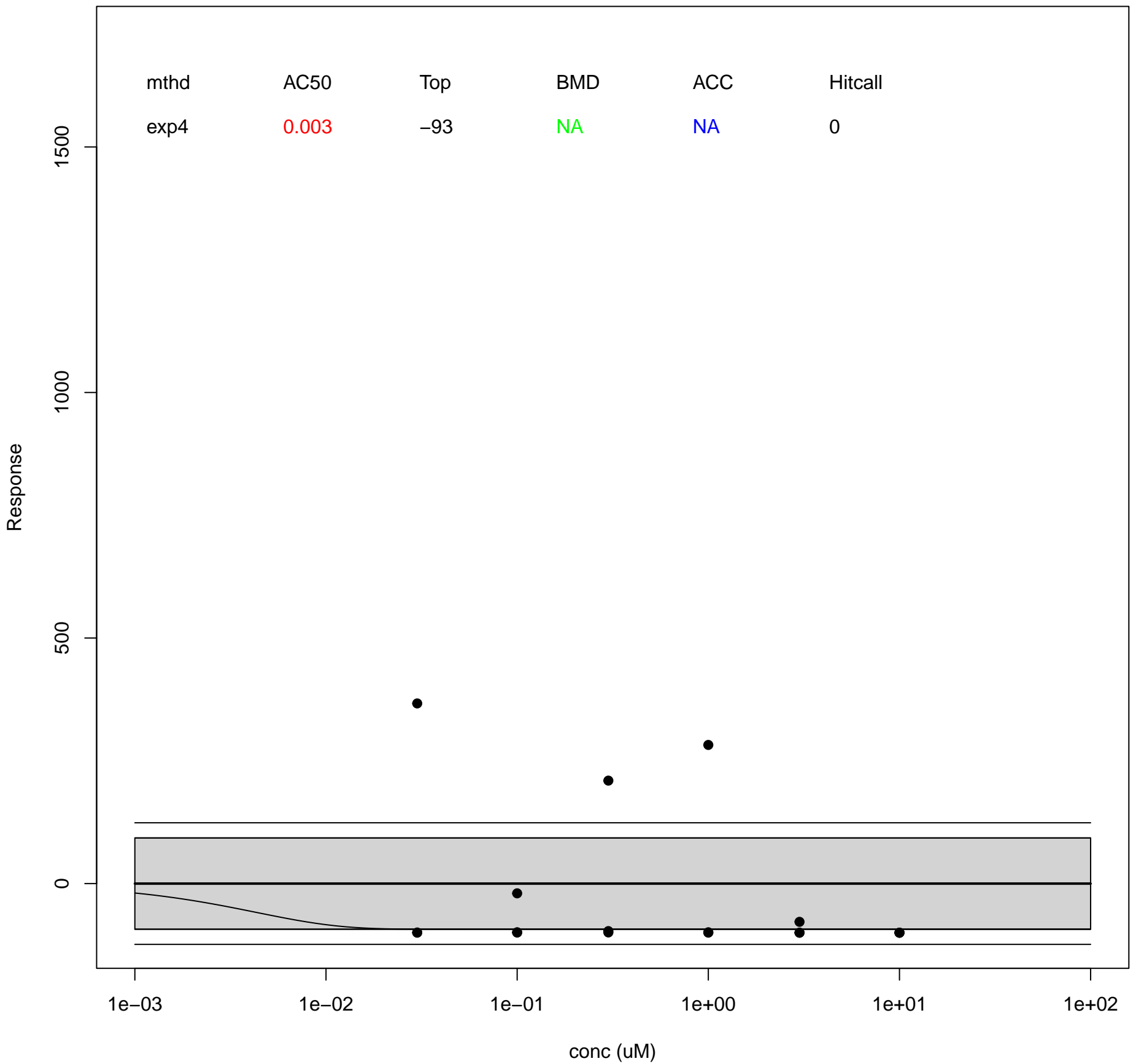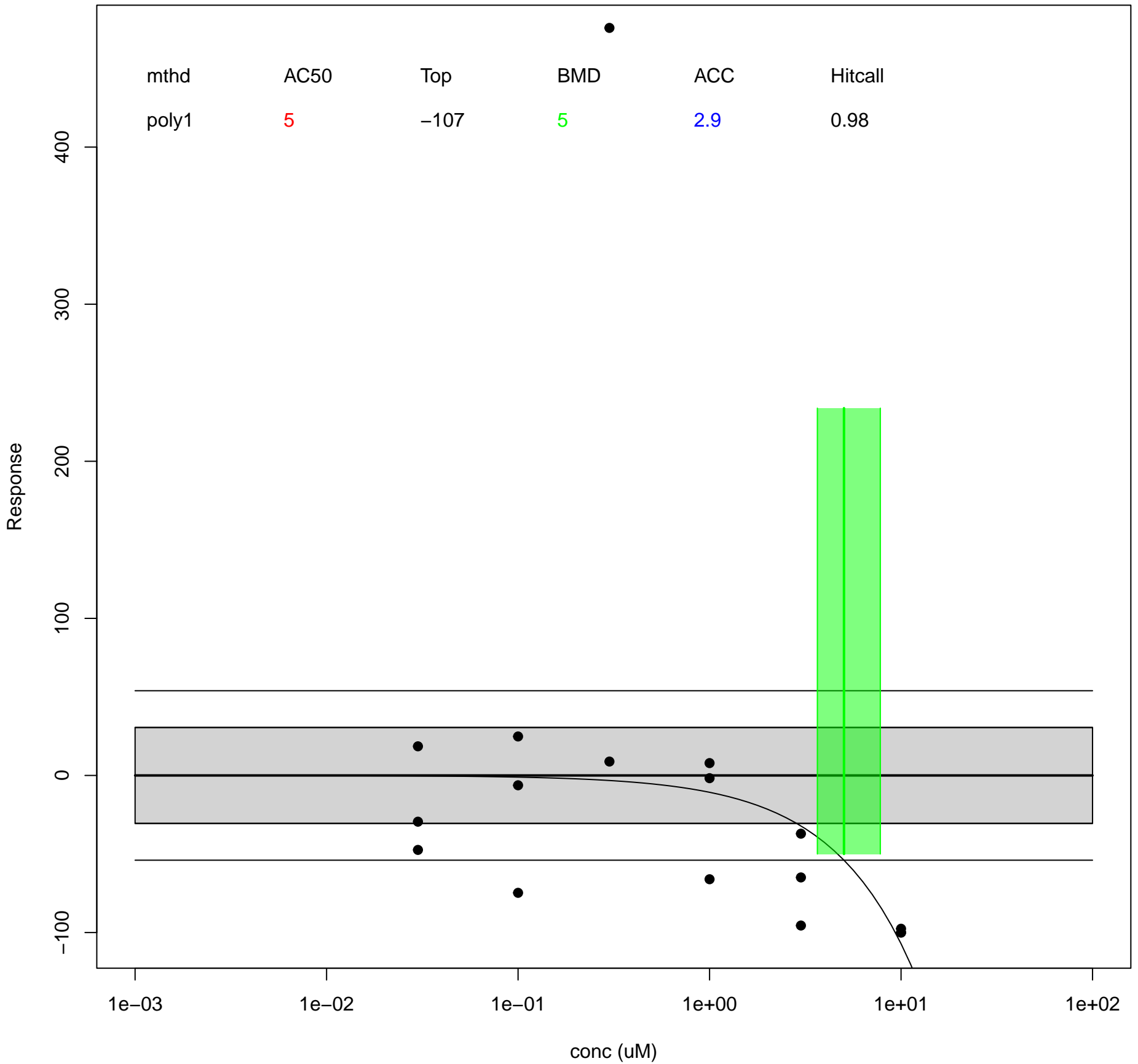
6−PPD
CCTE_Shafer_MEA_acute_synchrony_index

mthd	AC50	Top	BMD	ACC	Hitcall
exp4	0.0078	−82	NA	0.0015	1

6−PPD
CCTE_Shafer_MEA_acute_LDH

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	15	3.9	81	40	0.15

6–PPD
CCTE_Shafer_MEA_acute_AB

mthd	AC50	Top	BMD	ACC	Hitcall
poly1	15	−1.1	639	1134	9e−12

Response

conc (uM)