Dexamethasone
CCTE_Shafer_MEA_acute_spike_number

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 9.9 | −93 | 12 | 37 | 0.75 |
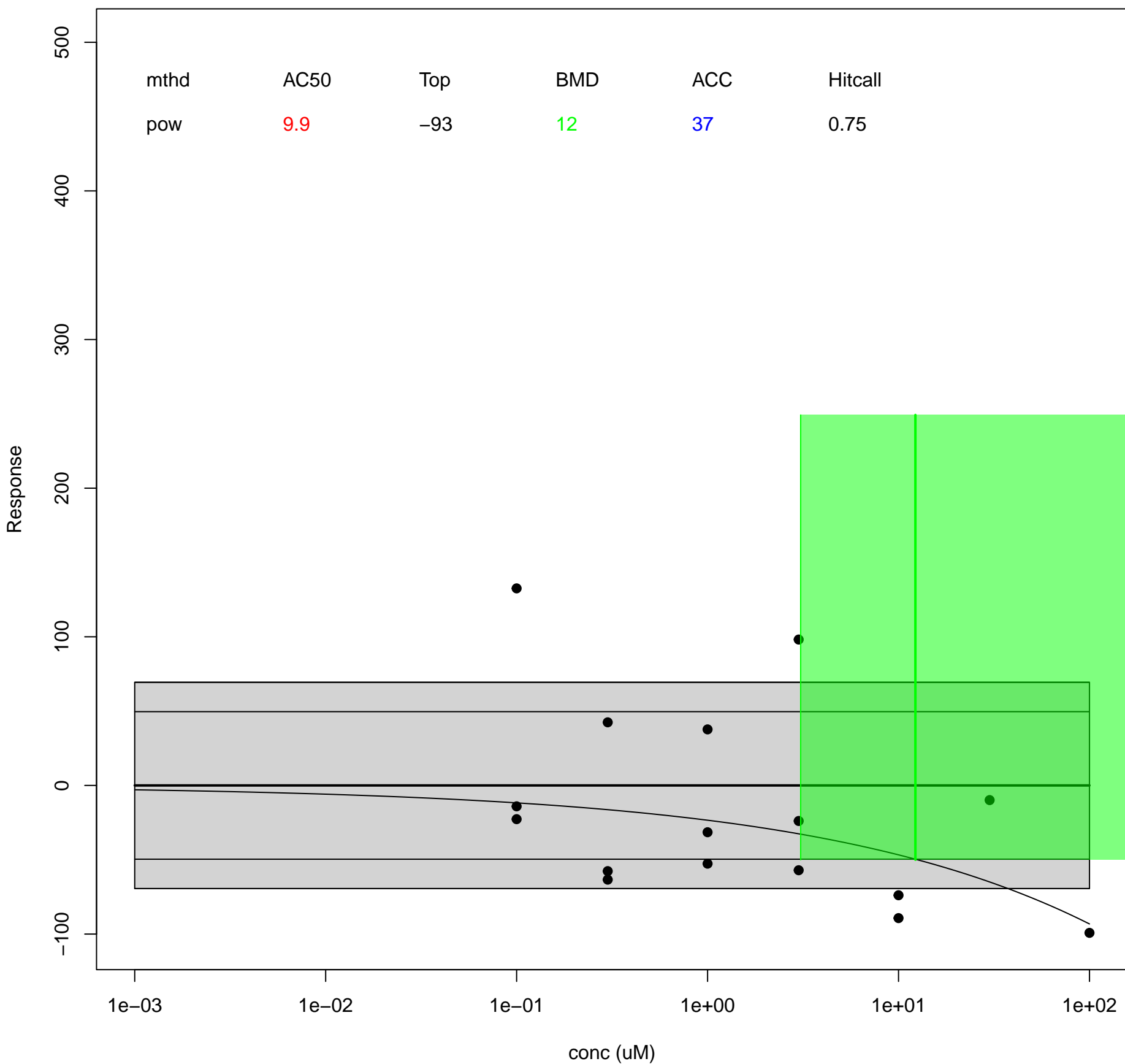
**Dexamethasone**
**CCTE_Shafer_MEA_acute_firing_rate_mean**

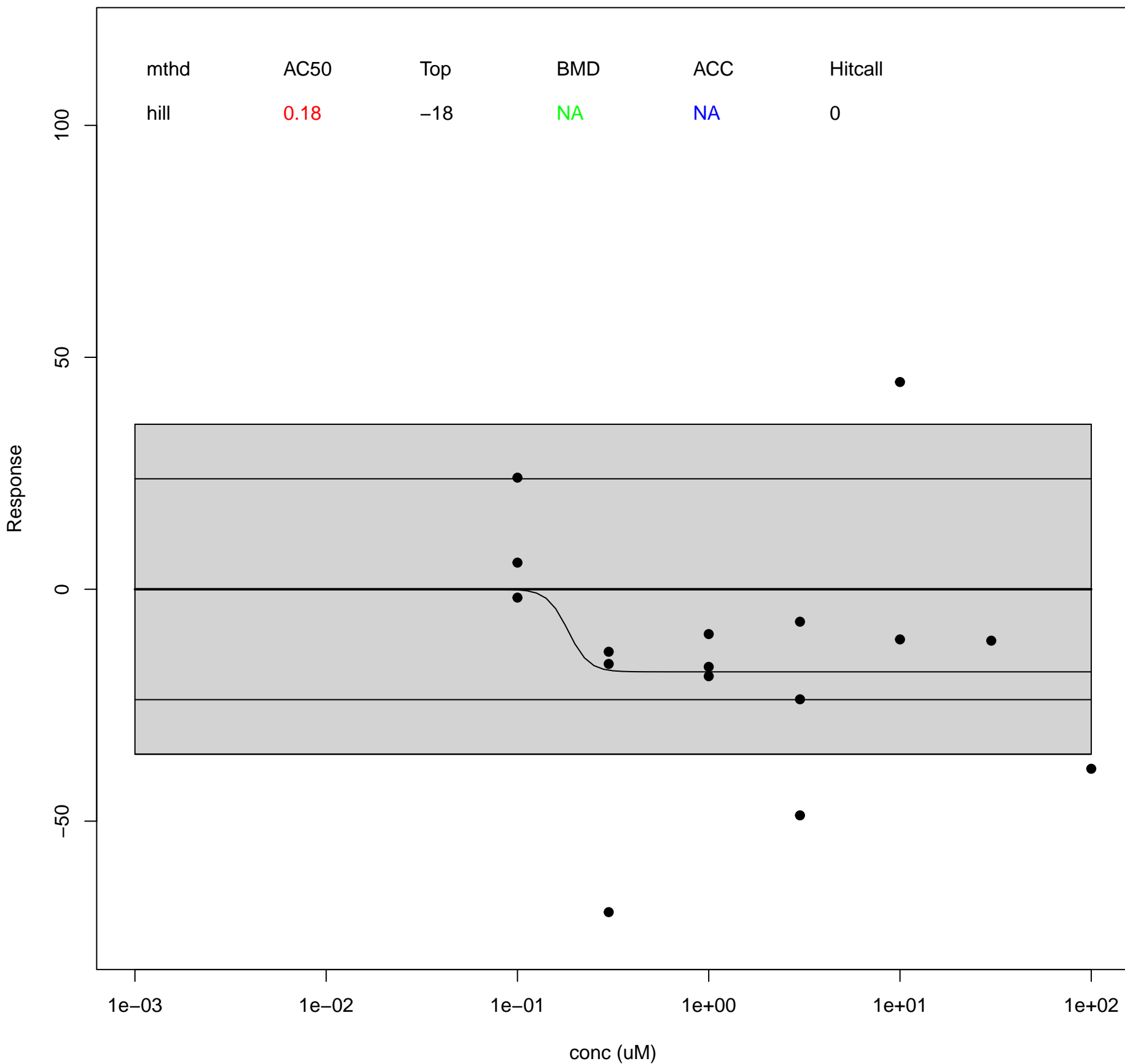| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 9.9 | −93 | 12 | 40 | 0.75 |
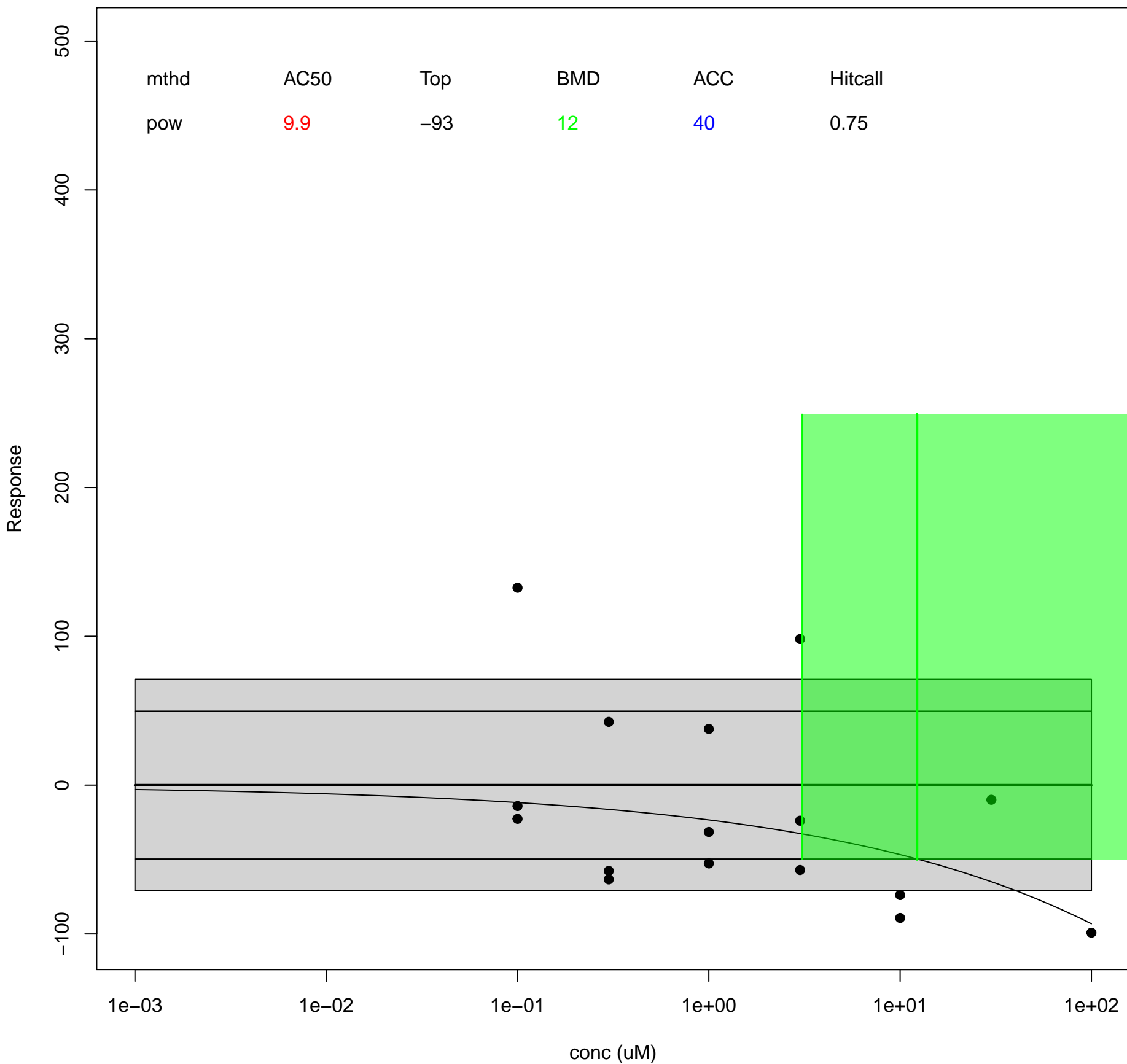
**Dexamethasone**
**CCTE_Shafer_MEA_acute_burst_number**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| poly1 | 50 | −81 | 70 | 101 | 0.015 |
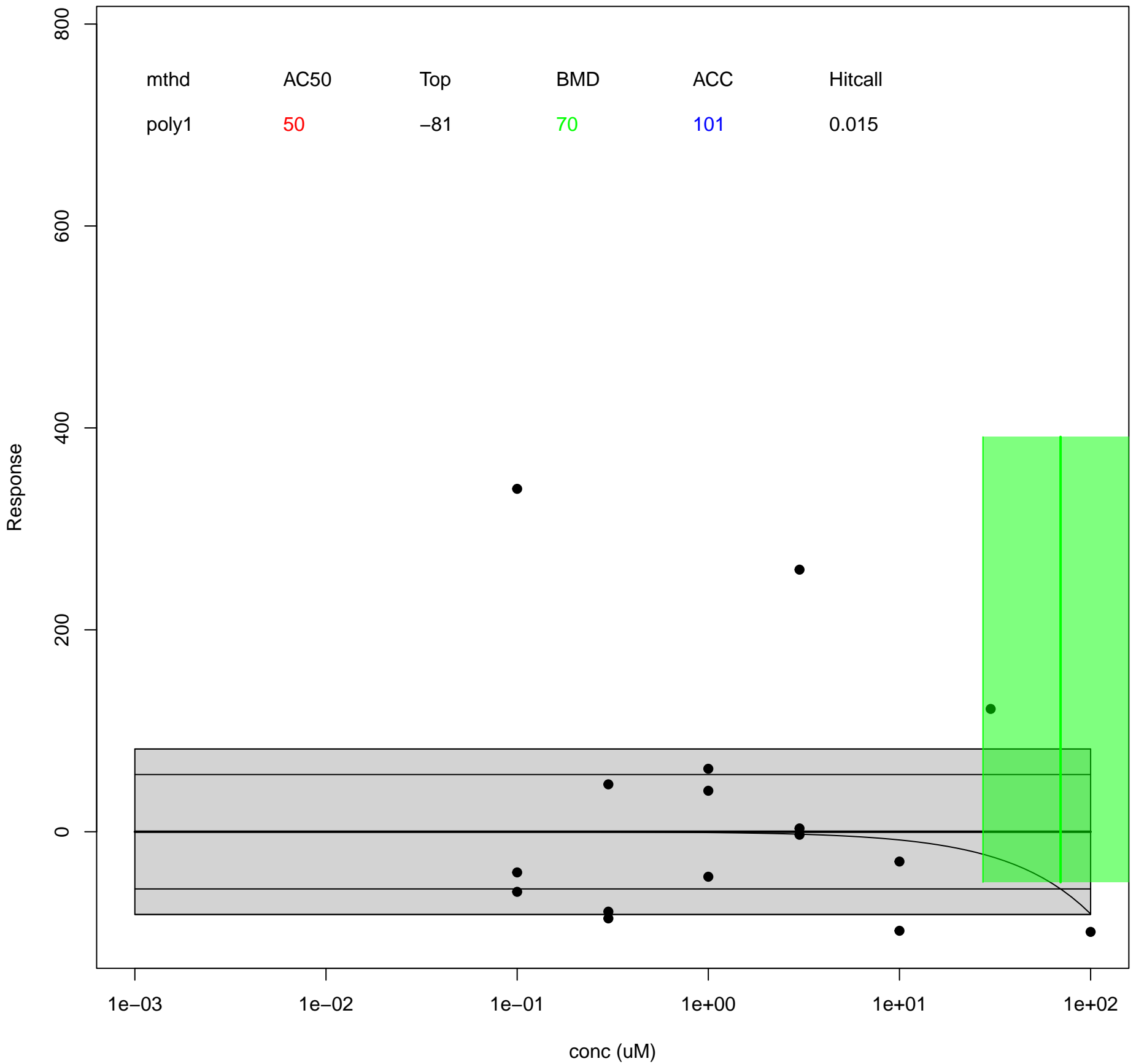
**Dexamethasone**
**CCTE_Shafer_MEA_acute_burst_duration_mean**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| hill | 0.18 | −18 | NA | NA | 0 |

**Dexamethasone**
**CCTE_Shafer_MEA_acute_per_burst_spike_number_mean**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 9.9 | −98 | 1.1 | 2.2 | 1 |
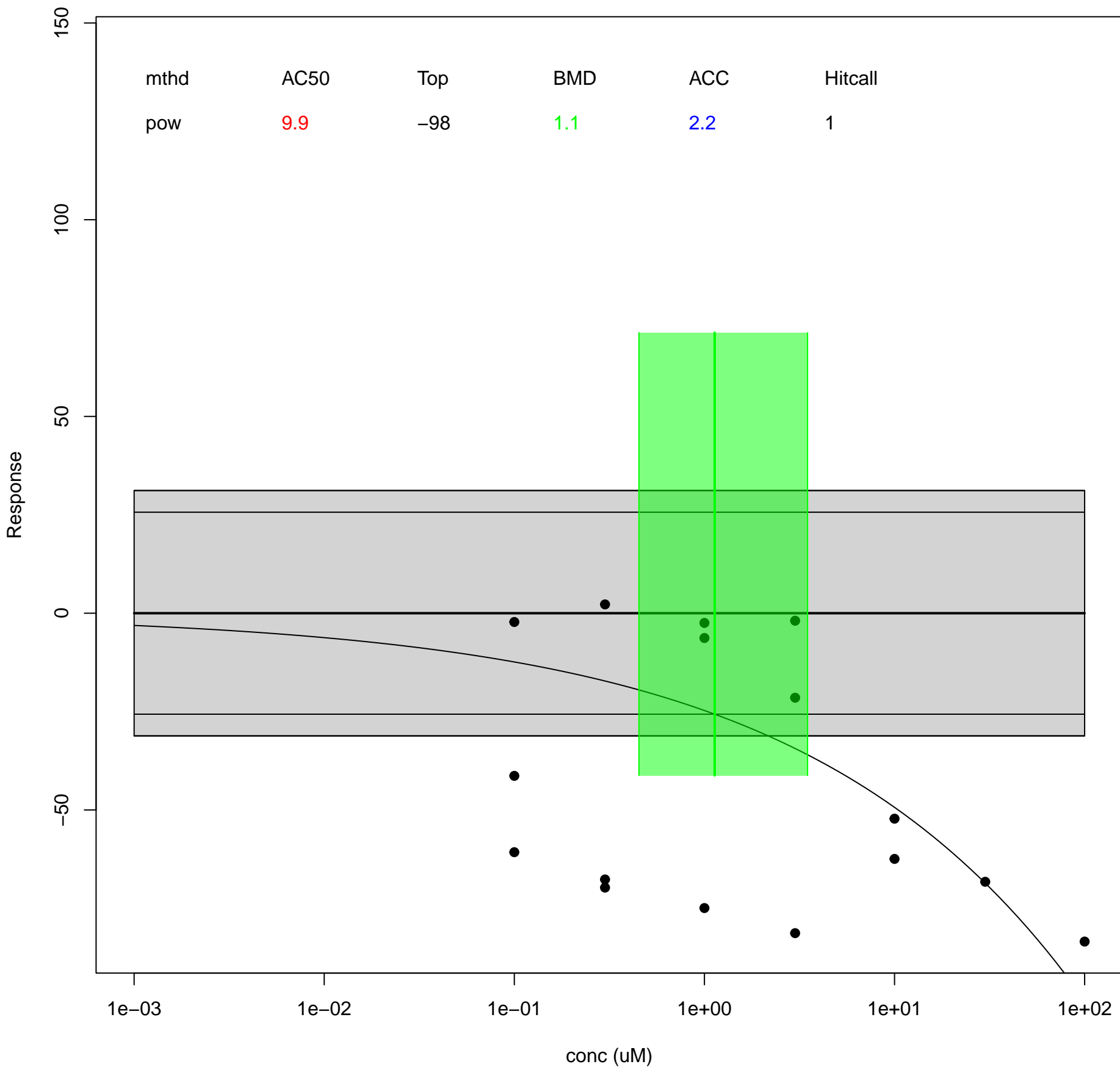
**Dexamethasone**
**CCTE_Shafer_MEA_acute_interburst_interval_mean**
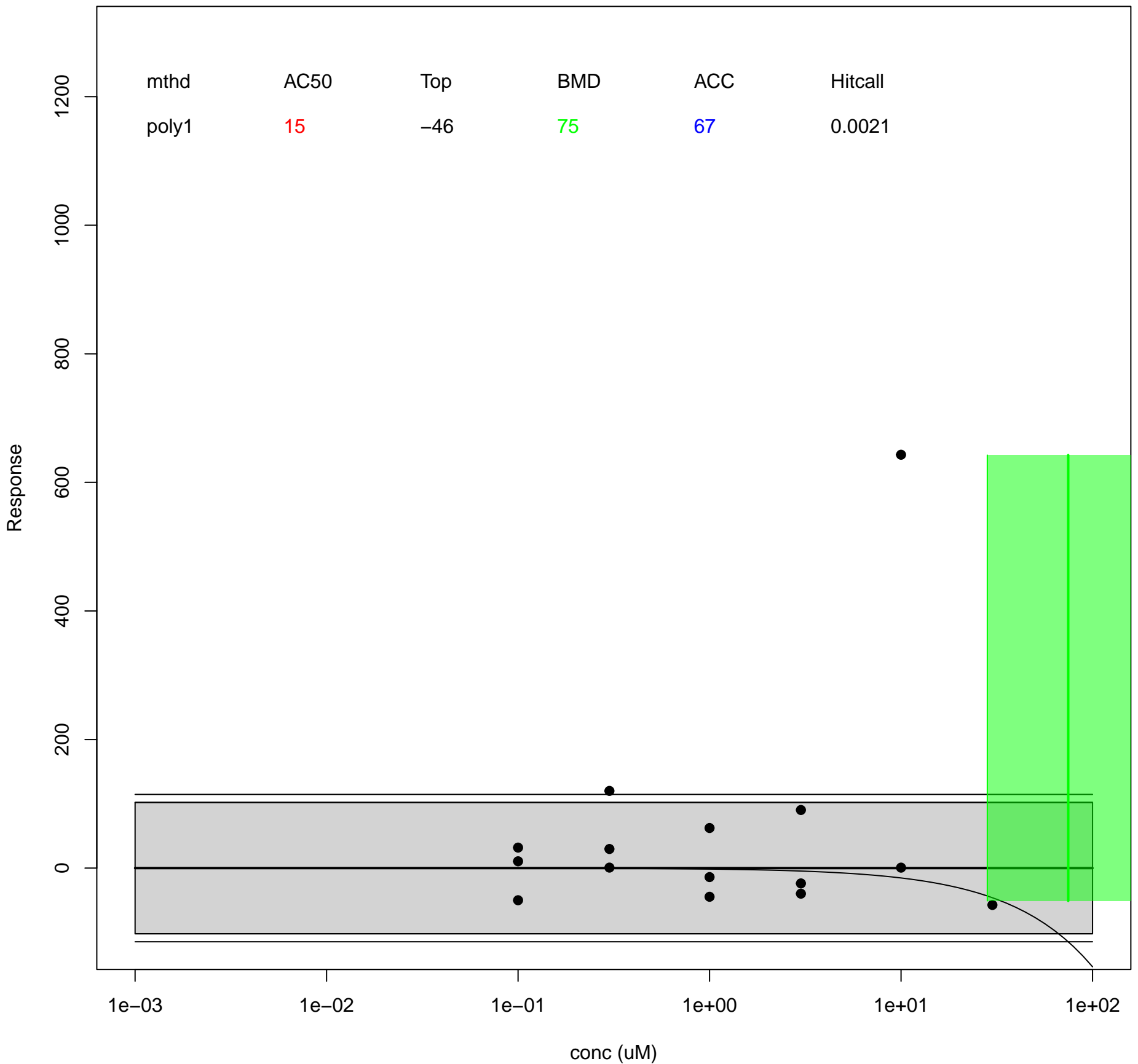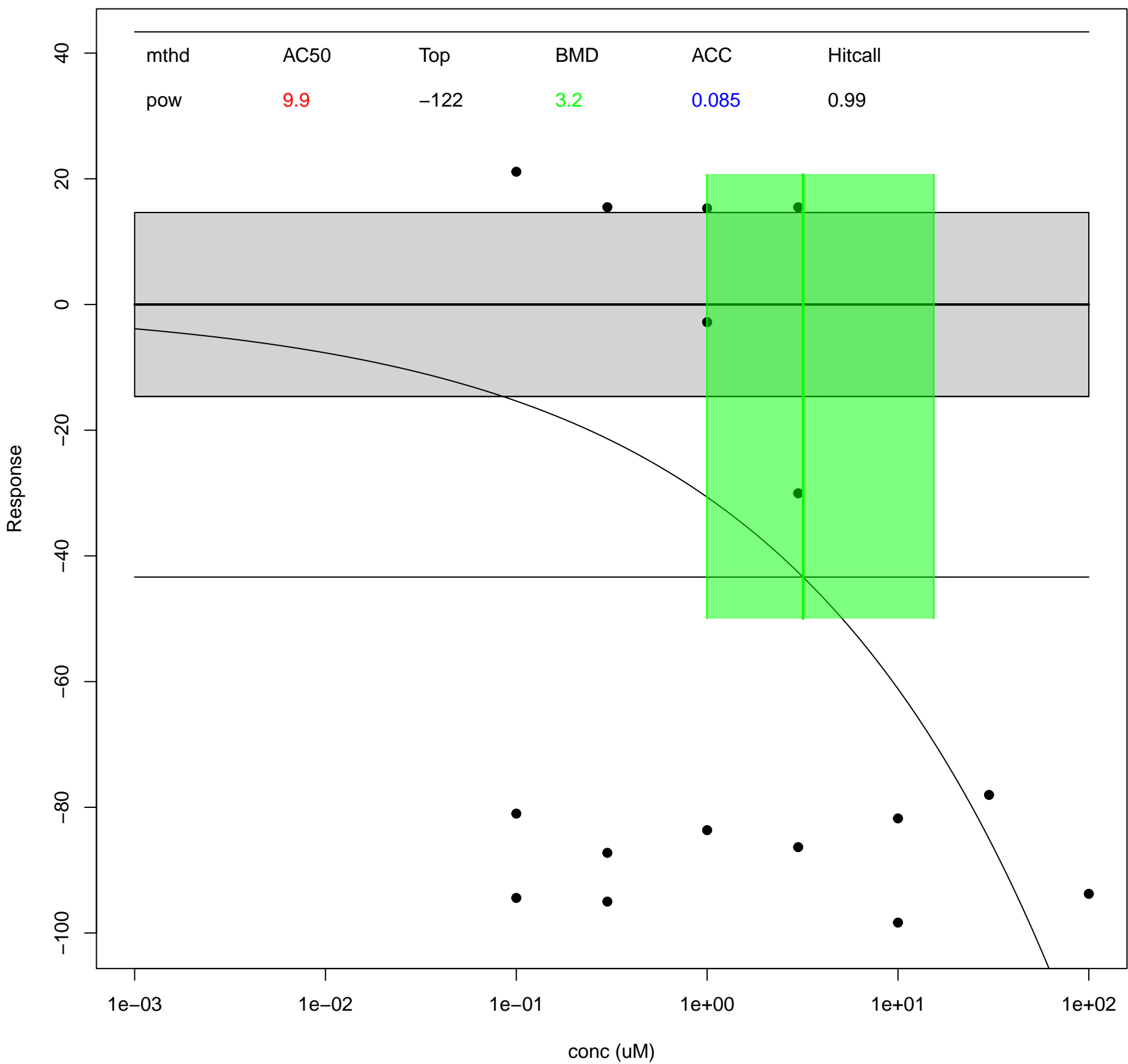
| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| poly1 | 15 | −46 | 75 | 67 | 0.0021 |

**Dexamethasone**
**CCTE_Shafer_MEA_acute_burst_percentage_mean**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 9.9 | −122 | 3.2 | 0.085 | 0.99 |

Dexamethasone
CCTE_Shafer_MEA_acute_burst_percentage_std

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| exp4 | 0.3 | 62 | NA | 0.89 | 0.39 |

**Dexamethasone**
**CCTE_Shafer_MEA_acute_per_network_burst_spike_number_mean**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| exp4 | 2.5 | −66 | NA | 11 | 0.45 |

# Dexamethasone
## CCTE_Shafer_MEA_acute_per_network_burst_spike_number_std



| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 3 | −112 | 2.2 | 2.4 | 0.88 |
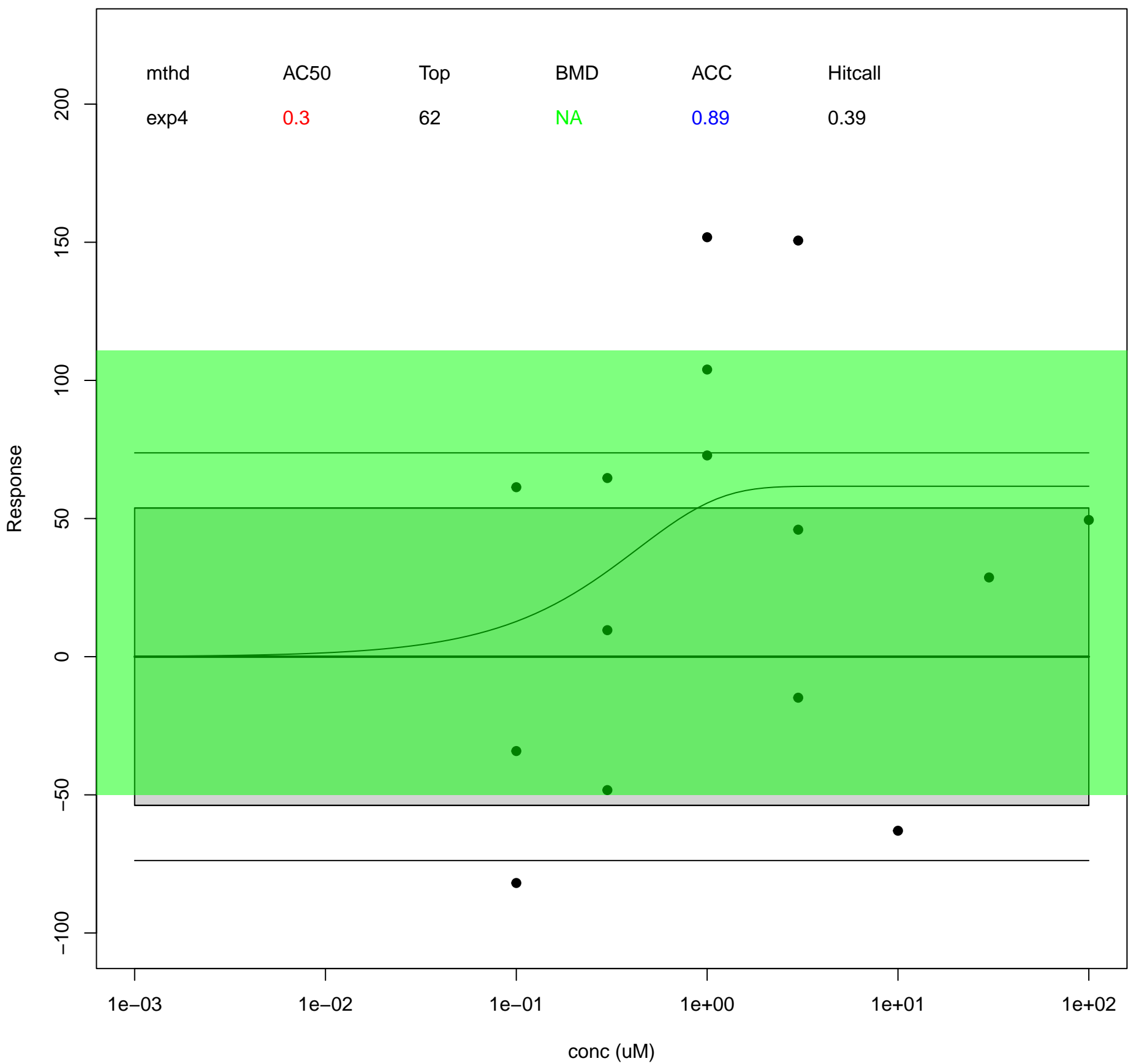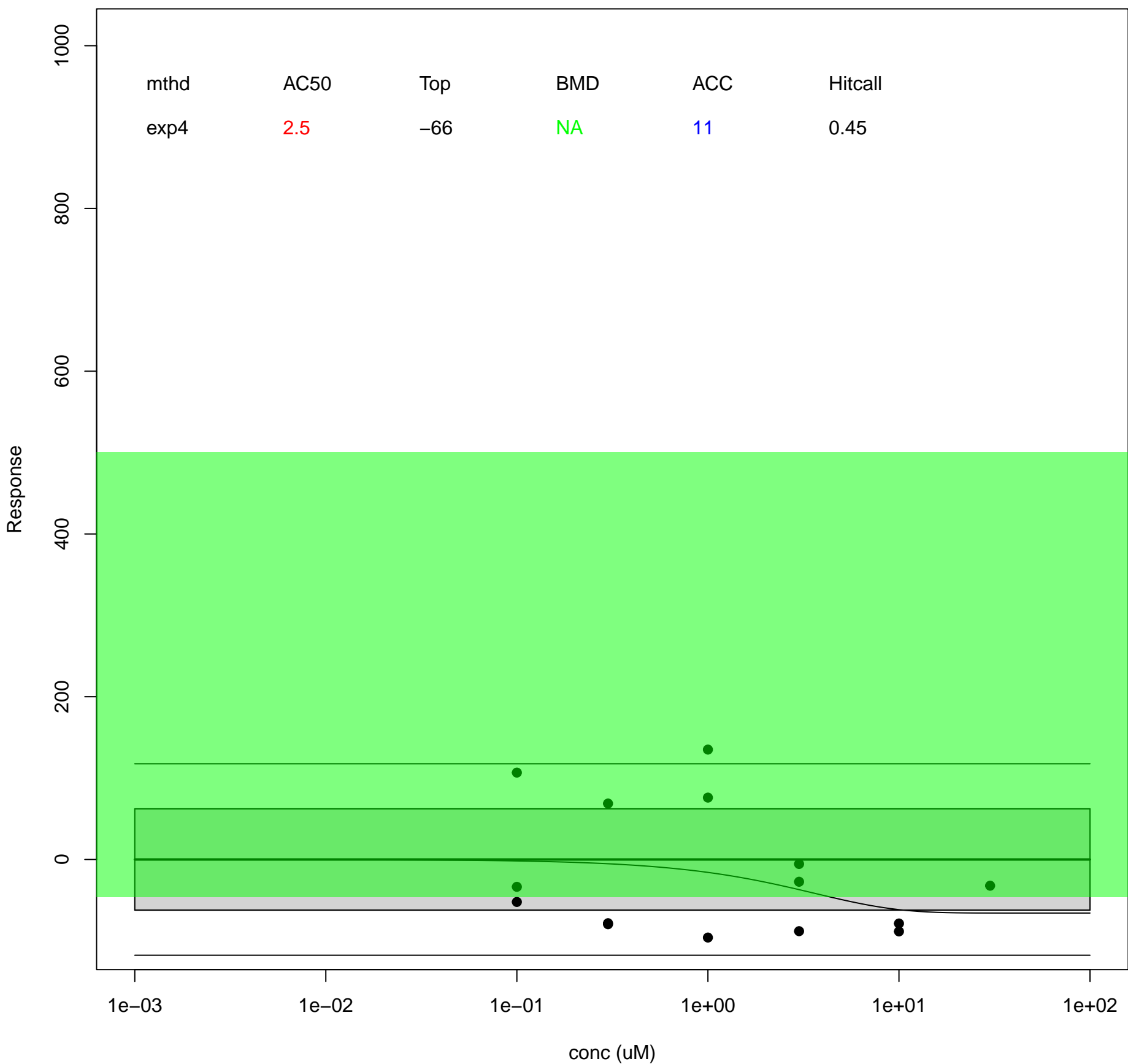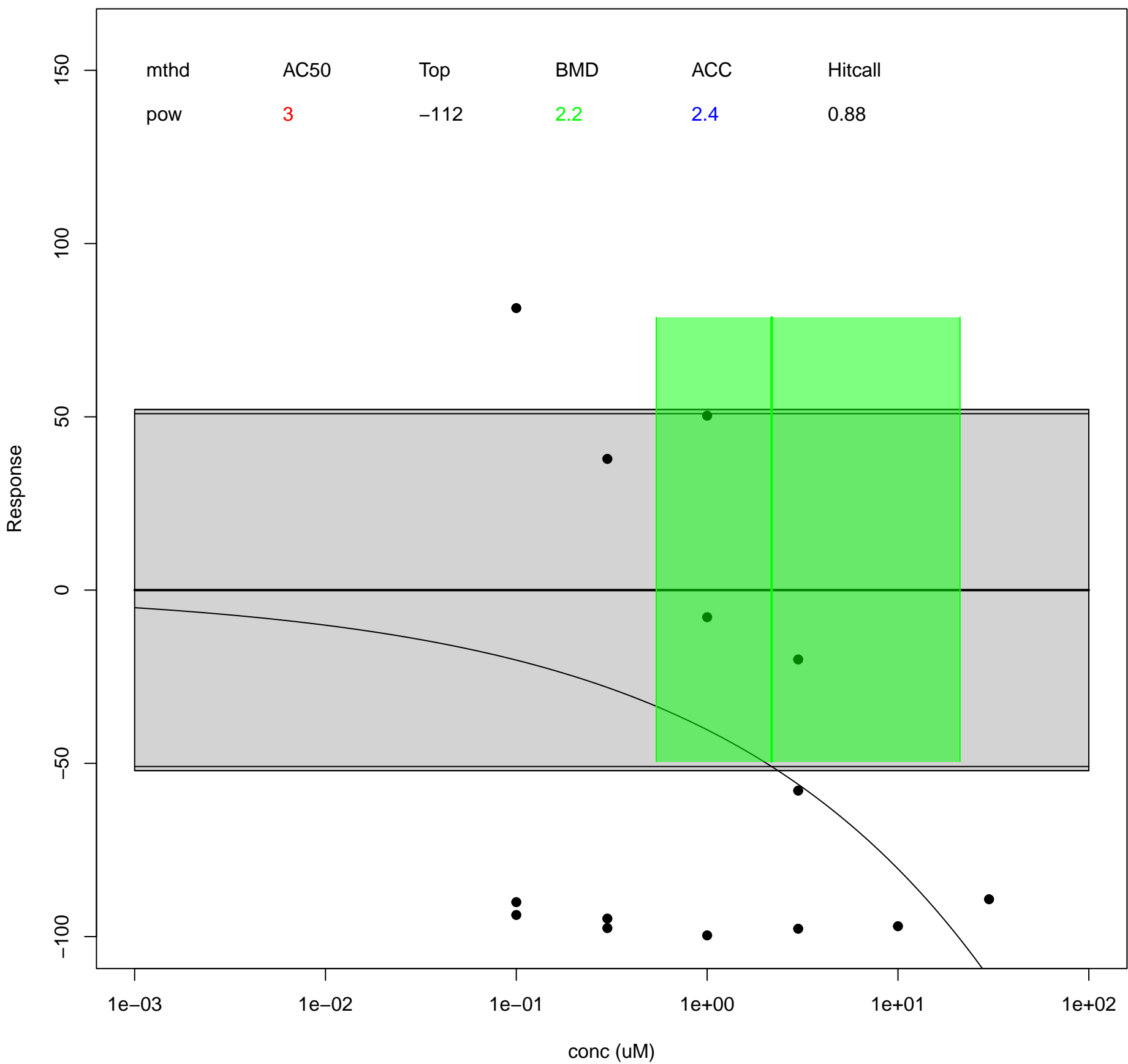
**Dexamethasone**
**CCTE_Shafer_MEA_acute_per_network_burst_electrodes_number_mean**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| exp4 | 3.1 | −45 | 2.3 | 2.8 | 0.89 |
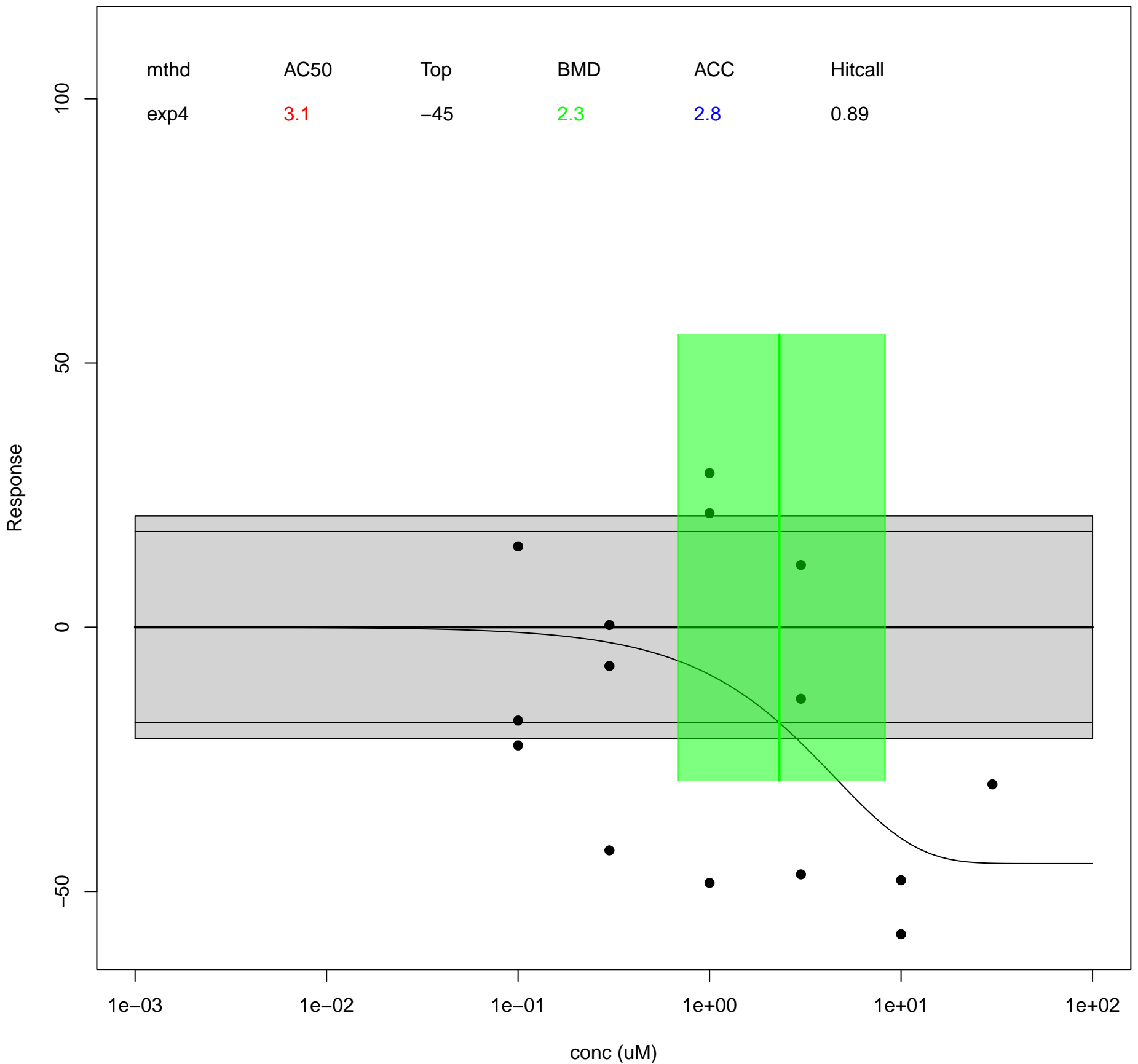
Dexamethasone
CCTE_Shafer_MEA_acute_network_burst_percentage
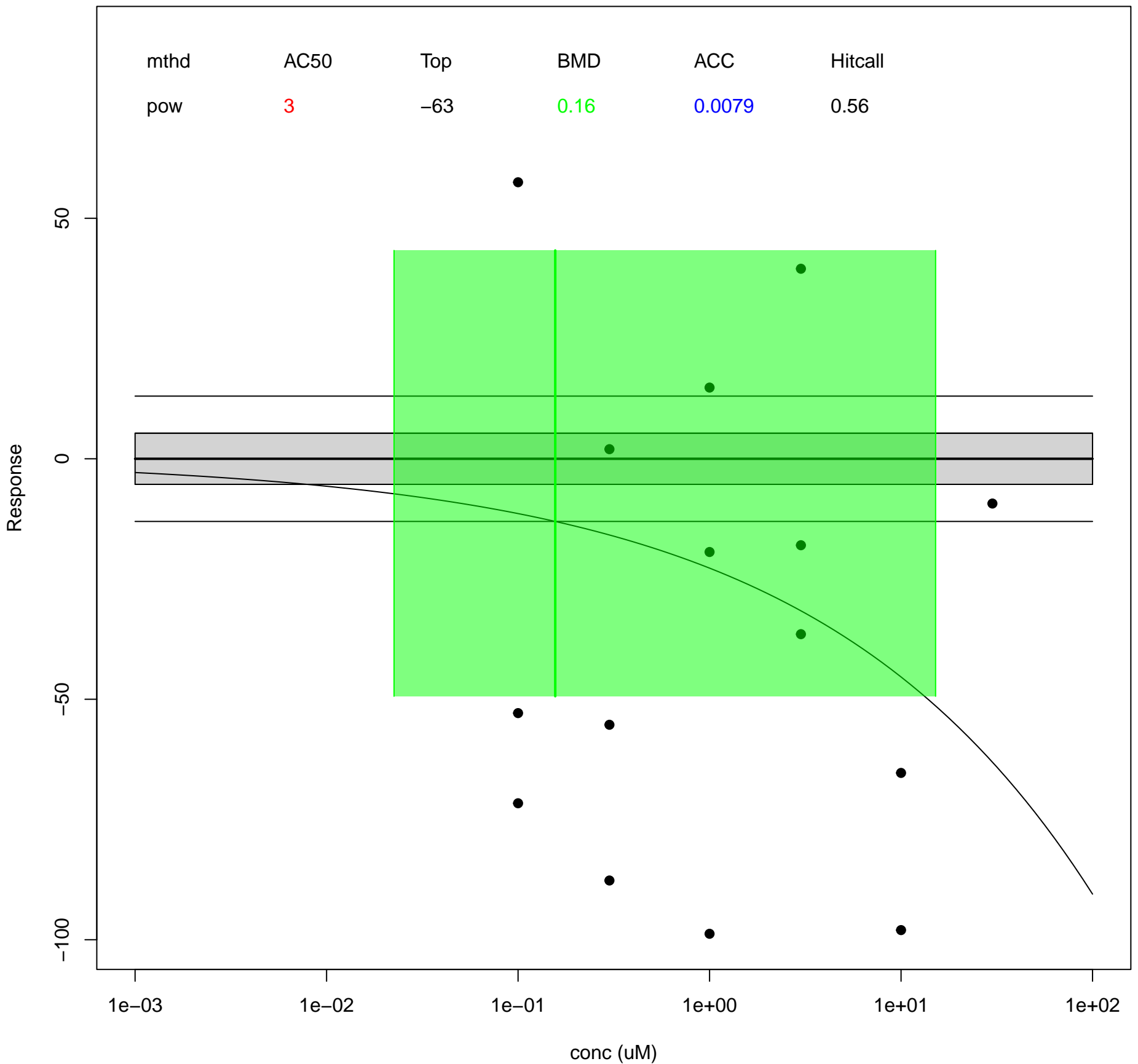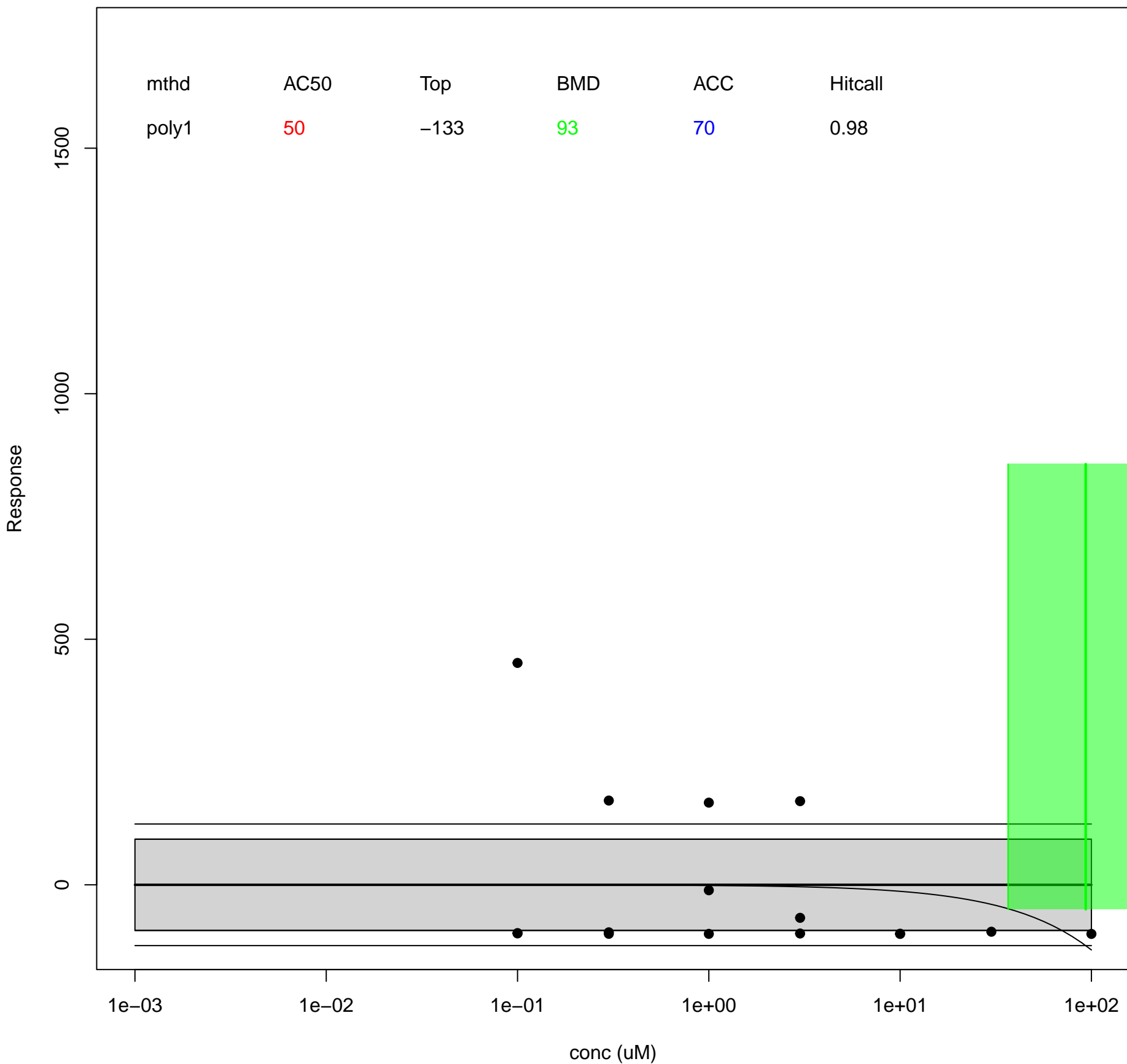
| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| pow | 3 | −63 | 0.16 | 0.0079 | 0.56 |

**Dexamethasone**
**CCTE_Shafer_MEA_acute_cross_correlation_area**

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| poly1 | 50 | −133 | 93 | 70 | 0.98 |

Dexamethasone
CCTE_Shafer_MEA_acute_cross_correlation_HWHM

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| poly1 | 50 | −94 | 57 | 33 | 0.6 |
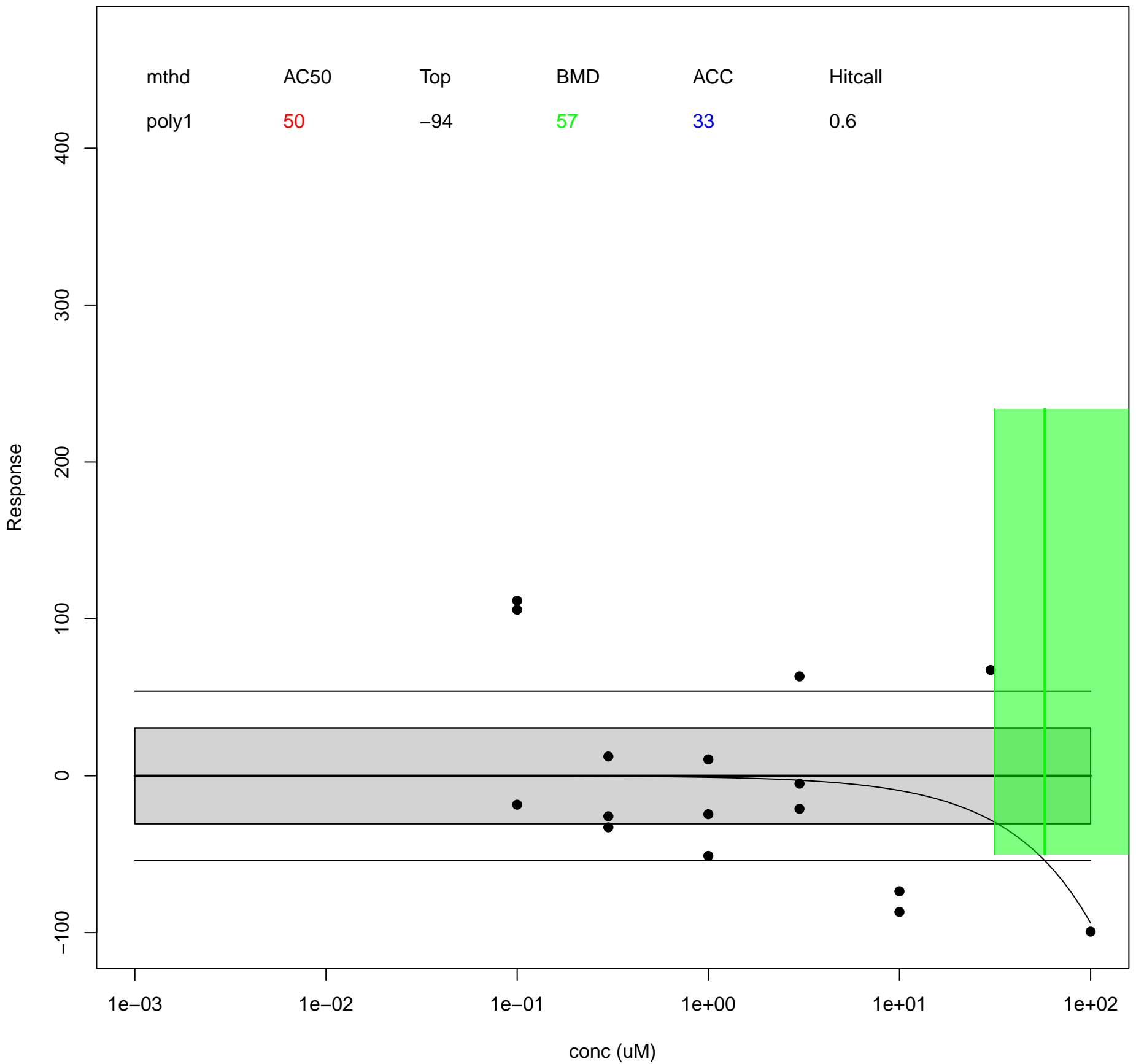
**Dexamethasone**
**CCTE_Shafer_MEA_acute_synchrony_index**

# Dexamethasone
## CCTE_Shafer_MEA_acute_LDH

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| exp4 | 316 | 4.1e−312 | NA | NA | 0 |

Response

conc (uM)

Dexamethasone
CCTE_Shafer_MEA_acute_AB

| mthd | AC50 | Top | BMD | ACC | Hitcall |
|------|------|-----|-----|-----|---------|
| poly1 | 50 | 2.4 | 950 | 1686 | 2.8e−07 |