

## Supporting information

S1 Table. Posterior means and 95% BCI of model parameters that determine sensitivity estimates.

	Posterior mean	95% BCI
<b>Kato-Katz</b>		
$\alpha$	0.07	0.04–0.11
$\gamma_2$	5.34	3.07–10.10
$\sigma$	1.28	1.08–1.49
<b>T/1+/2+/3+</b>		
$a_0$	1.10	0.62–1.67
$a_1$	3.64	1.97–6.25
$a_2$	5.58	4.55–6.87
<b>1+/2+/3+</b>		
$a_0$	-1.20	-1.95– -0.42
$a_1$	3.75	1.90–6.59
$a_2$	3.69	2.78–4.68
<b>2+/3+</b>		
$a_0$	-4.46	-5.16– -3.74
$a_1$	4.34	3.47–5.32
$a_2$	3.72	2.71–4.53

Table A: Posterior means and 95% BCI of model parameters that determine sensitivity of POC-CCA and Kato-Katz