

## Supporting Information

**S1 Table. Estimated parameters of the CoS models for Mode and Mean estimates.**

Exp	CoS model for Mode estimates				CoS model for Mean estimates				
	$\gamma$	$\beta_0$	$\beta_1$	$\sigma_{mode}$	$\alpha$	$\sigma_{LI}$	$\beta_0$	$\beta_1$	$\sigma_{mean}$
<b>1</b>	0.29	0.10	0.87	1.15	1.44	3.76	0.11	0.91	1.64
	(0.15~0.58)	(-0.16~0.18)	(0.82~0.93)	(1.00~1.35)	(1.13~2.01)	(1.52~10.45)	(-0.26~0.68)	(0.80~1.00)	(1.35~1.86)
<b>2</b>	0.12	0.05	0.97	1.14	1.77	4.11	0.11	1.00	1.79
	(0.07~0.19)	(-0.29~0.49)	(0.90~1.00)	(1.00~1.64)	(1.25~2.00)	(3.50~5.16)	(-0.37~0.44)	(0.77~1.10)	(1.48~1.96)
<b>3</b>	0.23	0.00	0.88	1.32	1.44	4.02	0.12	0.94	1.93
	(0.11~1.07)	(-0.19~0.48)	(0.84~0.93)	(1.06~1.68)	(1.19~1.86)	(2.37~7.00)	(-0.33~0.55)	(0.77~1.09)	(1.78~2.11)
<b>S1</b>	0.15	0.02	0.97	1.39	1.37	2.86	0.13	1.09	2.27
	(0.12~0.25)	(-0.15~0.24)	(0.93~1.01)	(1.28~1.48)	(0.99~1.61)	(2.08~6.28)	(-0.47~0.55)	(0.86~1.25)	(1.93~3.02)

*Note.* Numbers outside of the parentheses refer to the median value of subjects' estimated parameters. Numbers in the parentheses refer to the 0.25 and 0.75 quantiles. Parameters of Experiment S1 was transformed to the scale of the other three experiments for the convenience of comparisons across experiments.