Title: Public preferences for interventions to prevent emerging infectious disease threats: a discrete choice experiment - supplementary material

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Table S1: Utility estimates under main model, all participants. 95% CrI is the 95% equal-tailed credible interval. The utility for all unlisted levels are set to 0. For the all-participant, the utility for 180 deaths is anchored to −1. For mortality-averse and expenditure-averse results, 95% CI is the 95% equal-tailed confidence interval for the posterior mean utility.

Attribute level	Posterior mean	95% CrI	Attribute level	Posterior mean	95% CrI
All participants					
Mandatory quarantine	0.15	(0.09,0.22)	500 infections	-0.08	(-0.22,0.06)
Mandatory isolation	0.08	(0.01,0.15)	1 000 infections	0.15	(0.02,0.28)
School closure	0.27	(0.16,0.39)	10 000 infections	0.05	(-0.10,0.20)
School closure and cancellation of other mass gatherings	0.31	(0.21,0.41)	1 million infections	-0.06	(-0.18,0.07)
Screening at border	0.12	(0.02,0.22)	30 deaths	-0.35	(-0.45,-0.24)
Screening at border and other sites	0.21	(0.12,0.32)	80 deaths	-0.71	(-0.84,-0.58)
Tax, per S$100	-0.84	(-1.16,-0. 54)	120 deaths	-0.72	(-0.83,-0.62)
Standard deviation	1.26	(0.95,1.68)	180 deaths	-1.00	(-1.00,-1.00)
Mortality averse					
Attribute level	Posterior mean	95% CI	Attribute level	Posterior mean	95% CI
Mandatory quarantine	0.14	(0.11, 0.17)	500 infections	-0.04	(-0.06, -0.03)
Mandatory isolation	0.06	(0.01, 0.11)	1 000 infections	0.05	(0.04, 0.07)
School closure	0.30	(0.29, 0.32)	10 000 infections	0.05	(0.02, 0.08)
School closure and cancellation of other mass gatherings	0.41	(0.38, 0.44)	1 million infections	-0.01	(-0.06, 0.04)
Screening at border	0.24	(0.21, 0.27)	30 deaths	-0.38	(-0.40,-0.36)
Screening at border and other sites	0.22	(0.21, 0.24)	80 deaths	-0.64	(-0.66,-0.61)
Tax, per S$100	-0.41	(-0.73,0.10)	120 deaths	-0.82	(-0.87,-0.77)
			180 deaths	-1.68	(-1.75,-1.62)
Expenditure averse					
Mandatory quarantine	0.13	(0.07, 0.18)	500 infections	-0.08	(-0.11, -0.06)
Mandatory isolation	0.02	(-0.04,-0.09)	1 000 infections	0.10	(0.08, 0.13)
School closure	0.30	(0.27, 0.32)	10 000 infections	0.07	(0.02, 0.11)
School closure and cancellation of other mass gatherings	0.40	(0.35, 0.44)	1 million infections	-0.14	(-0.22, -0.07)
Screening at border	0.10	(0.06, 0.15)	30 deaths	-0.38	(-0.41, -0.35)
Screening at border and other sites	0.19	(0.17, 0.22)	80 deaths	-0.64	(-0.67, -0.60)
Tax, per S$100	-1.29	(-1.72, 0.87)	120 deaths	-0.54	(-0.62, -0.46)
			180 deaths	-0.28	(-0.35, -0.20)

Table S2: Utility estimates under variant model, all participants and subgroups. 95% CrI is the 95% equal-tailed credible interval. The utility for all unlisted levels are set to 0. For the all-participant, the utility for 180 deaths is anchored to −1.

Attribute level	Posterior mean	95% CrI	Attribute level	Posterior mean	95% CrI
All participants					
Mandatory quarantine	0.16	(0.09,0.24)	500 infections	-0.05	(-0.19,0.10)
Mandatory isolation	0.10	(0.03,0.17)	1 000 infections	0.19	(0.04,0.35)
School closure	0.32	(0.19,0.47)	10 000 infections	0.12	(-0.05,0.33)
School closure and cancellation of other mass gatherings	0.29	(0.18,0.41)	1 million infections	0.02	(-0.12,0.18)
Screening at border	0.14	(0.04,0.25)	30 deaths	-0.38	(-0.49,-0.26)
Screening at border and other sites	0.18	(0.07,0.29)	80 deaths	-0.75	(-0.92,-0.60)
S$20 tax	-0.22	(-0.39,-0.08)	120 deaths	-0.76	(-0.88,-0.65)
S$30 tax	-0.28	(-0.39,-0.17)	180 deaths	-1.00	(-1.00,-1.00)
S$50 tax	-0.34	(-0.47,-0.21)	Standard deviation	1.38	(1.00,1.93)