



Supplementary 1. Perceived benefits and harms of COVID-19 by education, housing and family income

	Education		P value	Housing		P value	Household income (by household size)		P value
	Secondary or lower	Post-secondary		Rent	Owned		<=Median HK household monthly income	>Median HK household monthly income	
	n (%)	n (%)		n (%)	n (%)		n (%)	n (%)	
Perceived benefits									
Family physical health (any of the following)	94 (15.1)	934 (23.9)	<0.001	317 (21.2)	687 (23.6)	0.08	249 (21.2)	660 (23.4)	0.12
Improved family hygiene	89 (14.3)	837 (21.4)	<0.001	292 (19.5)	613 (21.0)	0.23	224 (19.0)	595 (21.1)	0.13
Improved family physical health	53 (8.5)	548 (14.0)	<0.001	178 (11.9)	407 (14.0)	0.06	142 (12.1)	389 (13.8)	0.14
Family mental health (any of the following)	32 (5.2)	336 (8.6)	0.004	127 (8.5)	231 (8.0)	0.51	80 (6.8)	248 (8.9)	0.03
Decreased family negative emotion	12 (1.9)	67 (1.7)	0.69	31 (2.1)	45 (1.6)	0.20	17 (1.5)	53 (1.9)	0.34
Increased family positive emotion	24 (3.9)	167 (4.3)	0.63	54 (3.6)	130 (4.5)	0.18	50 (4.3)	122 (4.4)	0.90
Increased family happiness	18 (2.9)	220 (5.6)	0.005	81 (5.4)	151 (5.2)	0.74	45 (3.8)	166 (5.9)	0.008
Family relationship (any of the following)	65 (10.5)	682 (17.5)	<0.001	248 (16.6)	483 (16.6)	1.00	147 (12.6)	516 (18.4)	<0.001
Increased family harmony	35 (5.6)	367 (9.4)	0.002	130 (8.7)	263 (9.0)	0.71	77 (6.6)	280 (10.0)	0.001
Increased family's ability to cope with difficulties	54 (8.7)	499 (12.7)	0.004	182 (12.1)	357 (12.2)	0.93	116 (9.8)	376 (13.3)	0.002
Perceived harms									
Poorer family physical health	13 (2.2)	116 (3.0)	0.24	46 (3.2)	80 (2.8)	0.54	45 (3.9)	60 (2.2)	0.002
Family mental health (any of the following)	239 (40.2)	1377 (36.4)	0.070	536 (37.0)	1034 (36.7)	0.85	422 (37.1)	982 (35.9)	0.50
Increased family negative emotion	208 (35.0)	1221 (32.2)	0.17	485 (33.4)	902 (32.0)	0.35	379 (33.3)	856 (31.3)	0.22
Decreased family happiness	118 (19.7)	614 (16.1)	0.03	256 (17.6)	458 (16.2)	0.24	203 (17.7)	424 (15.4)	0.07
Family relationship (any of the following)	113 (18.9)	746 (19.6)	0.67	297 (20.4)	542 (19.2)	0.33	243 (21.3)	499 (18.2)	0.022
Decreased family harmony	73 (12.2)	431 (11.3)	0.54	186 (12.8)	302 (10.7)	0.04	140 (12.3)	286 (10.4)	0.09
Decreased family's ability to cope with difficulties	15 (2.5)	98 (2.6)	0.92	51 (3.5)	58 (2.0)	0.004	32 (2.8)	59 (2.1)	0.22
Increased family conflicts	77 (12.9)	597 (15.7)	0.08	223 (15.3)	435 (15.3)	0.95	191 (16.7)	393 (14.3)	0.06
Decreased family income	255 (42.6)	1183 (31.0)	<0.001	528 (36.2)	876 (30.9)	0.001	437 (38.1)	794 (28.9)	<0.001

Missing data was excluded. Data was unweighted.