

Table S1. Educational Disparities in COVID-19 Preventive Behaviors Stratified by Context Cue of Danger, Perceived Risk of Local Outbreak, and Interventional Context, The Chinese Survey of COVID-19 Impacts 2020 ($N = 4638$)^a

Context Cue of Danger	Mask Wearing ^b		Handwashing ^b		Limited Public Outing ^b	
	No ($N = 3098$)	Yes ($N = 1540$)	No ($N = 3098$)	Yes ($N = 1540$)	No ($N = 3098$)	Yes ($N = 1540$)
Intercept	3.55 *** (3.43,3.67)	3.60 *** (3.46,3.73)	3.36 *** (3.24,3.49)	3.11 *** (2.95,3.28)	3.30 *** (3.15,3.46)	3.02 *** (2.77,3.27)
Education ^c ≤ High School	0.04 (−0.02,0.11)	0.08 * (0.02,0.15)	0.05 (−0.01,0.12)	0.08 * (0.00,0.16)	0 (−0.08,0.08)	0.18 ** (0.06,0.29)
Associate Degree	0.03 (−0.03,0.09)	0.13 *** (0.07,0.19)	0.07 * (0.01,0.14)	0.14 *** (0.06,0.22)	0.04 (−0.04,0.13)	0.13 * (0.02,0.24)
≥ Bachelor's Degree						
Perceived Risk of Local Outbreak	Zero/Low ($N = 4024$)	Medium/High ($N = 614$)	Zero/Low ($N = 4024$)	Medium/High ($N = 614$)	Zero/Low ($N = 4024$)	Medium/High ($N = 614$)
Intercept	3.55 *** (3.44,3.66)	3.43 *** (3.20,3.65)	3.31 *** (3.19,3.42)	3.14 *** (2.84,3.44)	3.18 *** (3.03,3.33)	3.16 *** (2.74,3.59)
Education ^d ≤ High School	0.04 (−0.02,0.09)	0.21 *** (0.10,0.32)	0.05 (−0.00,0.11)	0.12 (−0.03,0.28)	0.02 (−0.05,0.10)	0.32 ** (0.12,0.53)
Associate Degree	0.04 (−0.01,0.09)	0.21 *** (0.10,0.31)	0.09 *** (0.04,0.15)	0.16 * (0.02,0.30)	0.03 (−0.04,0.11)	0.36 *** (0.16,0.55)
≥ Bachelor's Degree						
Interventional Context	Wuhan ($N = 1379$)	Other Areas ($N = 3259$)	Wuhan ($N = 1379$)	Other Areas ($N = 3259$)	Wuhan ($N = 1379$)	Other Areas ($N = 3259$)
Intercept	3.69 *** (3.57,3.82)	3.53 *** (3.41,3.65)	3.21 *** (3.05,3.38)	3.34 *** (3.21,3.46)	3.20 *** (2.95,3.44)	3.25 *** (3.09,3.41)
Education ^e ≤ High School	0.03 (−0.02,0.09)	0.07 * (0.00,0.13)	0.08 (0.00,0.16)	0.05 (−0.01,0.12)	0.08 (−0.04,0.19)	0.05 (−0.03,0.14)
Associate Degree	0.02 (−0.04,0.07)	0.08 * (0.02,0.14)	0.07 (−0.01,0.15)	0.11 *** (0.05,0.18)	0.04 (−0.07,0.16)	0.08 * (0.00,0.17)
≥ Bachelor's Degree						

^a Fifteen cases with missing data on outcomes were excluded. ^b All models adjusted for sex, age, urbanicity, income, occupation, subjective social ranking, and individual coronavirus exposure. ^c Models additionally adjusted for perceived risk of outbreak and interventional context. ^d Models additionally adjusted for context cue of danger and interventional context. ^e Models additionally adjusted for context cue of danger and perceived risk of outbreak. 95% confidence intervals in brackets. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

Figure S1. Confirmed COVID-19 Cases By Province By the Time of Survey

