

## Supplementary Information

### Example “Trap Question”

Which of the following is not a US city? This is a data quality check. Regardless of the true value, please select Chicago.

- New York City
- Tokyo
- Chicago
- Boston
- Miami

**Supplementary Table S1.** Demographic Details of Participants Included in Study 1 and Study 2.

	Study 1		Study 2	
	Frequency	%	Frequency	%
<b>Gender</b>				
Female	198	49.9	212	46.8
Male	199	50.1	241	53.2
<b>Education level</b>				
Primary school	0	0.0	0	0.0
Middle school or equivalent	0	0.0	2	0.4
High school or equivalent	85	21.4	122	26.9
Undergraduate degree	212	53.4	250	55.2
Master degree	83	20.9	71	15.7
Doctoral degree	17	4.3	8	1.8
<b>Income level ("for my age group ...")</b>				
below average income in my country	129	32.5	162	35.8
average income in my country	228	57.4	247	54.5
above average income in my country	40	10.1	44	9.7
<b>Ethnicity</b>				
Hispanic	36	9.1	28	6.2
White (non-Hispanic)	301	75.8	315	69.5
Asian (South or Southeast)	29	7.3	73	16.1
Asian (East)	13	3.3	17	3.8
Black	14	3.5	13	2.9
Pacific Islander	0	0.0	0	0.0
Other	4	1.0	7	1.5
Total	397		453	

**Supplementary Table S2.** Correlation Matrix of Variables in Study 1

	1	2	3	4	5	6	7	8
1. Social-distancing compliance	—							
2. Age	.21***	—						
3. Gender	-.15**	-.05	—					
4. Education	-.06	-.12*	.03	—				
5. Income	.02	-.01	.15**	.23***	—			
6. Depressed mood	-.37***	-.27***	-.02	.23***	-.09	—		
7. Anxious feelings	-.27***	-.28***	-.07	.20***	-.10*	.85***	—	
8. Sleep quality	-.27***	-.13**	-.08	.09	-.06	.66***	.60***	—
9. WM capacity	.29***	-.04	-.07	-.10*	.08	-.36***	-.26***	-.24***

Note:  $n = 397$ , WM = working memory, \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$ .

**Supplementary Table S3.** Correlation Matrix of Variables in Study 2

	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Social-distancing compliance	—												
2. Age	.18***	—											
3. Gender	-.13**	-.13**	—										
4. Education	-.13**	-.01	.05	—									
5. Income	.04	-.03	.04	.20***	—								
6. Depressed mood	-.28***	-.16***	.03	.16***	-.12*	—							
7. Anxious feelings	-.17***	-.12*	.02	.17***	-.07	.81***	—						
8. Agreeableness	.23***	.08	.03	.01	.13**	-.34***	-.35***	—					
9. Conscientiousness	.24***	.14**	-.08	-.07	.18***	-.51***	-.42***	.41***	—				
10. Extraversion	-.05	.02	.002	.05	.18***	-.06	-.10*	.15*	.09	—			
11. Openness	.25***	.04	.003	-.13**	-.04	-.30***	-.22***	.23***	.30***	.12*	—		
12. Neuroticism	-.05	-.09*	-.10*	.03	-.20***	.41***	.51***	-.40***	-.39***	-.34***	-.17***	—	
13. RAPM	.21***	.07	-.02	-.11*	.02	-.19***	-.12**	-.001	.09	-.13***	.12*	.03	—
14. WM capacity	.25***	-.09	-.03	-.14**	-.01	-.31***	-.26***	.09	.18***	-.10*	.21***	-.07	.39***

Note:  $n = 453$ , RAPM = Raven's Advanced Progressive Matrices, WM = working memory, \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$ .

**Supplementary Table S4.** Statements of Benefits and Costs about Social Distancing and Principle Component Analysis of the Self-report Ratings

Category	Statement	Note	Component Loadings	
Benefit	Social distancing can prevent me from catching coronavirus.	Self-related interest	.79	-
Benefit (Reverse coded)	Young adults do not need to practice social distancing.	Social distancing among young adults is beneficial not only to stop virus from spreading, but also to free up medical resource.	.55	-
Benefit	Social distancing stops coronavirus from spreading around.	General benefit	.74	-
Benefit	Older adults should stay at home because they are more vulnerable.	Benefit for vulnerable populations	.74	-
Benefit	Social distancing may minimize the burden on medical resources, so people in need can use them.	Societal benefit	.73	-
Cost	Not being able to hang out makes me upset.	Self-related cost	-	.64
Cost	Small business (e.g., local restaurants and bars) could not survive if people keep social distancing.	Societal cost	-	.67
Cost	Social distancing makes people lose their jobs.	Financial cost	-	.67
Cost	I practice social distancing because people around me do so.	Social cost of not following others. A higher score of this social approval item indicates a higher sensitivity to social cost	-	.53

*Note: Prompt:* "There are a lot of opinions about the benefit of social distancing. Please tell us what you think (from 'Don't think it is true' = 0 to 'It is very true' = 3)." The rotation method applied is varimax. Only component loadings greater than 0.45 are shown in the table.

**Supplementary Table S5.** Average Payoff Structure of the Fairness Norm Decision-making Task.

Player A's transfer to Player B (X)	Player A's average total payoff in the baseline condition	Player A's average total payoff in the punishment condition
0	125	8.25
10	115	25
20	105	15.05
30	95	19.25
40	85	40.75
50	75	53.35
60	65	65
70	55	55
80	45	45
90	35	35
100	25	25

**Supplementary Table S6.** Predicting Fairness Norm Compliance with Multiple Regression in Study 2

	Model 1		Model 2	
	$\beta$ [95% CI]	$p$	$\beta$ [95% CI]	$p$
Age	-.04 [-.12, .05]	.38	-.02 [-.11, .07]	.61
Gender	.03 [-.06, .11]	.55	.03 [-.06, .11]	.50
Education	-.08 [-.17, .01]	.073	-.08 [-.17, .01]	.09
Income	-.05 [-.14, .04]	.25	-.05 [-.14, .04]	.27
Depressed mood	-.05 [-.21, .11]	.53	-.03 [-.19, .12]	.69
Anxious feeling	-.10 [-.26, .06]	.21	-.10 [-.26, .06]	.23
Agreeableness	-.08 [-.18, .02]	.13	-.08 [-.18, .02]	.13
Conscientiousness	.13 [.03, .24]	.015	.13 [.02, .24]	.018
Extraversion	-.01 [-.11, .08]	.79	-.01 [-.10, .09]	.92
Openness	-.04 [-.13, .06]	.45	-.05 [-.14, .05]	.33
Neuroticism	-.04 [-.15, .08]	.51	-.04 [-.15, .07]	.51
RAPM	.29 [.20, .38]	<.001	.26 [.16, .35]	<.001
WM Capacity			<b>.10 [.003, .20]</b>	<b>.043</b>
R <sup>2</sup> (R <sup>2</sup> adjusted)	.17(.15)		.18 (.15)	
Comparison	$\Delta R^2 = .01, F_{(1, 439)} = 4.13, p = .043$			

Note: RAPM = Raven's Advanced Progressive Matrices.