

Title: Cross sectional analyses appendix for “Support for ‘doing your own research’ is associated with COVID-19 misperceptions and scientific mistrust”

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Note: The material contained herein is supplementary to the article named in the title and published in the Harvard Kennedy School (HKS) Misinformation Review.

Appendix B: Cross sectional analyses

Table 1. Wave-1 cross-sectional associations of DYOR perceptions with COVID beliefs, COVID concerns and trust in science institutions.

	Trust in Science Institutions ^{W1} (N = 1326)		Covid Beliefs ^{W1} (N = 1326)		Covid Health Concerns ^{W1} (N = 1326)		Covid Economic Concerns ^{W1} (N = 1326)					
	b	(SE)	b	(SE)	b	(SE)	b	(SE)				
Age	0.00	(.00)	0.00	(.00)	*	0.00	(.00)	0.00	(.00)			
Gender (Women)	0.05	(.07)	0.00	(.03)		0.32	(.08)	0.37	(.08) ***			
Race (White)	0.11	(.07)	0.16	(.03)	***	0.22	(.09)	***	0.22	(.09) **		
Education	0.05	(.02)	*	0.04	(.01)	***	-0.07	(.03)	*	0.02	(.03)	
Party Affiliation	-0.19	(.02)	***	-0.09	(.01)	***	-0.14	(.02)	***	-0.03	(.02)	#
Political Interest	-0.01	(.01)		0.01	(.00)	**	-0.01	(.01)		0.01	(.01)	#
Mainstream News	0.19	(.03)	**	-0.01	(.01)		0.17	(.03)	***	0.03	(.03)	
Online News	0.03	(.03)		0.02	(.01)		0.05	(.03)		0.09	(.03)	**
Social Media News	0.04	(.02)	#	-0.01	(.01)		0.02	(.03)		0.03	(.02)	
Trust in Science Institutions				0.25	(.01)	***	0.45	(.04)	***	0.04	(.03)	
DYOR Perceptions	-0.24	(.02)	***	-0.12	(.01)	***	-0.13	(.03)	***	0.08	(.03)	**
Constant	5.58	(.19)	***	2.81	(.11)	***	3.06	(.30)	***	2.19	(.33)	***
	$R^2 = 0.30$		$R^2 = 0.55$			$R^2 = 0.34$		$R^2 = 0.53$				

Note: Unstandardized coefficients reported. ***p < .001, **p < .01, *p < .05, #p < .10.

Table 2. Wave-2 cross-sectional associations of DYOR perceptions with COVID beliefs, COVID concerns and trust in science institutions.

	Trust in Science Institutions (N = 917)		Covid Beliefs (N = 917)		Covid Health Concerns (N = 917)		Covid Economic Concerns (N = 917)	
	<i>b</i>	(SE)	<i>b</i>	(SE)	<i>b</i>	(SE)	<i>b</i>	(SE)
Age	0.00	(.00)	0.00	(.00) *	0.00	(.00)	-0.01	(.00)
Gender (Women)	0.07	(.08)	0.01	(.03)	0.22	(.11) *	0.13	(.10) **
Race (White)	0.22	(.09) *	0.08	(.04) *	0.06	(.12)	0.15	(.11)
Education	0.10	(.03) ***	0.02	(.01) *	-0.06	(.04)	0.02	(.03)
Party Affiliation	-0.20	(.02) ***	-0.06	(.01) ***	-0.12	(.03) ***	-0.03	(.03)
Political Interest	-0.01	(.01) *	0.04	(.02) *	-0.02	(.01) *	0.01	(.01)
Mainstream News	0.19	(.03) ***	0.01	(.01)	0.13	(.04) **	0.02	(.04)
Online News	-0.01	(.03)	0.01	(.01)	0.10	(.04) *	0.11	(.04) **
Social Media News	0.02	(.03)	-0.04	(.01) ***	0.00	(.03)	0.04	(.03)
Trust in Science Institutions			0.26	(.01) ***	0.47	(.05) ***	-0.05	(.04)
DYOR Perceptions	-0.24	(.03) ***	-0.12	(.01) ***	-0.12	(.04) **	0.03	(.04)
Constant	5.79	(.23) ***	2.76	(.13) ***	3.20	(.41) ***	2.19	(.33) ***
	$R^2 = 0.36$		$R^2 = 0.58$		$R^2 = 0.30$		$R^2 = 0.04$	

Note: Unstandardized coefficients reported. ***p < .001, **p < .01, *p < .05, #p < .10.