

Title: Regression table output for Figure 4 appendix for “Conspiracy and debunking narratives about COVID-19 origins on Chinese social media: How it started and who is to blame”

Authors: Kaiping Chen (1), Anfan Chen (2), Jingwen Zhang (3), Jingbo Meng (4), Cuihua Shen (3)

Date: December 10th, 2020

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 E: Regression table output for Figure 4

Associations of Debunking to User Participation and Mobilization - Full Model

	Participation (1)	Mobilization (2)
Debunking posts	-0.113 (0.273)	-0.014 (0.124)
Scientists	-0.141 (0.133)	-0.035 (0.061)
Nonscientist sources	-0.105 (0.096)	0.016 (0.044)
Nature/Unknown origin	-0.110 (0.114)	-0.025 (0.052)
Human-synthesis	0.111 (0.086)	0.022 (0.039)
Lab-edited	0.044 (0.087)	-0.020 (0.040)
Bioweapon	-0.033 (0.113)	-0.115** (0.052)
Other conspiracy types	-0.294 (0.199)	0.083 (0.091)
China responsibility only	0.282*** (0.089)	-0.018 (0.041)
US responsibility only	0.226*** (0.086)	-0.024 (0.039)
Male	-0.152* (0.081)	-0.071* (0.037)
Influencer	0.045 (0.122)	0.163*** (0.055)
Organization	-0.664*** (0.138)	0.157** (0.063)
Number of followers	0.267*** (0.023)	0.004 (0.010)
Debunking posts:Scientists	-0.215 (0.215)	0.226** (0.098)
Debunking posts:Nonscientist sources	-0.024 (0.187)	0.040 (0.085)
Debunking posts:Nature/Unknown origin	-0.033 (0.163)	-0.011 (0.074)
Debunking posts:Human-synthesis	-0.182 (0.130)	-0.061 (0.059)
Debunking posts:Lab-edited	-0.115 (0.137)	0.015 (0.062)
Debunking posts:Bioweapon	-0.202 (0.226)	0.099 (0.103)
Debunking posts:Other conspiracy types	0.026 (0.282)	0.060 (0.128)
Debunking posts:Male	-0.301** (0.128)	0.013 (0.058)
Debunking posts:Number of followers	0.077*** (0.027)	-0.001 (0.012)
Other controls included		
Observations	1,516	1,516
R ²	0.310	0.080
Adjusted R ²	0.295	0.060
Residual Std. Error (df = 1483)	1.069	0.486
F Statistic (df = 32; 1483)	20.846***	4.023***
Note:	*p<0.1; **p<0.05; ***p<0.01	

Note: We transformed our two dependent variables into the log format before we ran this model. For *Other conspiracy types*, we merged *5G* and *GMO* into this category. For *China responsibility only*, we coded it 1 if a post assigned responsibility to China but not to any other entities and 0 otherwise. For *U.S. responsibility only*, we coded it 1 if a post assigned responsibility to the United States but not to any other entities, and 0 otherwise. For variables *Scientists* and *Non-scientist sources*, both came from a factor variable that has three levels: the reference level is *no source is cited in a post*, the second level is *a post cited scientists/scholars*, and the third level is *a post cited other non-scientist sources*.