Title: Regression results from Figure 3 appendix for "Using an AI-powered 'street epistemologist' chatbot and reflection tasks to diminish conspiracy theory beliefs"

Authors: Marco Meyer (1), Adam Enders (2), Casey Klofstad (3), Justin Stoler (4), and Joseph Uscinski (3)

Date: December 12th, 2024

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 G: Regression results from Figure 3

Table G1. OLS regression of pre-post belief assessment on conditions, conspiracy thinking (ACTS), and controls.

CT: Reflect on Reasons CT: Reflect on Reservations CT: Reflect on Reservations CT: Reflect on Reservations CT: Reflect on Reservations CT: Interact with AI CT: Interact with AI CT: Reflect on Reasons X ACTS CT: Reflect on Reservations X ACTS CT: Reflect on Reservations X ACTS CT: Interact with AI X ACTS CT: Reflect on Reservations X ACTS CT: Reflect on Reasons X ACTS CO.022 (0.194) CT: Reflect on Reasons X ACTS CO.022 (0.194) CT: Reflect on Reasons X ACTS CO.023 (0.194) CT: Reflect on Reasons X ACTS CO.024 (0.194) CT: Reflect on Reasons X ACTS CO.025 (0.194) CT: Reflect on Reasons X ACTS CO.026 (0.194) CT: Reflect on Reasons X ACTS CO.027 (0.194) CT: Reflect on Reasons X ACTS CO.028 (0.116) CT: Reflect on Reasons X ACTS CO.028 (0.151) CT: Reflect on Reasons X ACTS CO.028 (0.353) Reflect on Reasons X ACTS CO.029 CT: Reflect on Reasons X ACTS CO.021 (0.191) CT: Reflect on Rea	Controis.	
CT: Reflect on Reservations -0.926* (0.392) CT: Interact with AI -0.063 (0.394) ACTS -0.231 (0.129) CT: Reflect on Reasons X ACTS (0.194) CT: Reflect on Reservations X ACTS (0.191) CT: Interact with AI X ACTS (0.191) CT: Interact with AI X ACTS (0.192) Age (0.005 (0.004) Educational Attainment -0.012 (0.037) Female -0.288* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766* (0.353) R² 0.028 n 1235	Variable	Pre-Post Difference
CT: Reflect on Reservations -0.926* (0.392) CT: Interact with AI -0.063 (0.394) ACTS 0.231 (0.129) CT: Reflect on Reasons X ACTS -0.002 (0.194) CT: Reflect on Reservations X ACTS 0.304 (0.191) CT: Interact with AI X ACTS -0.021 (0.192) Age 0.005 (0.004) Educational Attainment -0.012 (0.037) Female -0.288* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766* (0.353) R² 0.028 n 1235	CT: Reflect on Reasons	-0.074
CT: Interact with AI		(0.398)
CT: Interact with AI	CT: Reflect on Reservations	-0.926 [*]
ACTS O.231 (0.129) CT: Reflect on Reasons X ACTS CT: Reflect on Reservations X ACTS CT: Reflect on Reservations X ACTS CT: Interact with AI X ACTS Age O.005 (0.192) Age O.005 (0.004) Educational Attainment CO.12 (0.37) Female CO.163) Hispanic CO.082 (0.151) Constant CO.766* (0.353) R² O.028 N 1235		(0.392)
ACTS O.231 (0.129) CT: Reflect on Reasons X ACTS O.002 (0.194) CT: Reflect on Reservations X ACTS O.304 (0.191) CT: Interact with AI X ACTS O.021 (0.192) Age O.005 (0.004) Educational Attainment O.012 (0.037) Female O.116) Black O.163) Hispanic O.082 (0.151) Constant O.766* (0.353) R² O.028 n 1235	CT: Interact with AI	-0.063
CT: Reflect on Reasons X ACTS -0.002 (0.194) CT: Reflect on Reservations X ACTS 0.304 (0.191) CT: Interact with AI X ACTS (0.192) Age 0.005 (0.004) Educational Attainment -0.012 (0.037) Female -0.288* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766* (0.353) R² 0.028 n 1235		(0.394)
CT: Reflect on Reasons X ACTS	ACTS	0.231
CT: Reflect on Reservations X ACTS (0.194) CT: Interact with AI X ACTS -0.021 Age (0.192) Age (0.004) Educational Attainment -0.012 Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235		(0.129)
CT: Reflect on Reservations X ACTS (0.191) CT: Interact with AI X ACTS Age (0.192) Age (0.005 (0.004) Educational Attainment (0.037) Female -0.288* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766* (0.353) R² 0.028 n 1235	CT: Reflect on Reasons X ACTS	-0.002
$ \begin{array}{c} \text{CT: Interact with AI X ACTS} & \begin{array}{c} (0.191) \\ -0.021 \\ (0.192) \\ \\ \text{Age} & \begin{array}{c} 0.005 \\ (0.004) \\ \\ \text{Educational Attainment} \\ \end{array} & \begin{array}{c} -0.012 \\ (0.037) \\ \\ \text{Female} \\ \end{array} & \begin{array}{c} -0.288^* \\ (0.116) \\ \\ \text{Black} \\ \end{array} & \begin{array}{c} -0.109 \\ (0.163) \\ \\ \text{Hispanic} \\ \end{array} & \begin{array}{c} -0.082 \\ (0.151) \\ \\ \text{Constant} \\ \end{array} & \begin{array}{c} 0.028 \\ \\ \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \\ \end{array} & \begin{array}{c} \\ \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \\ \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \\ \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \end{array} & \begin{array}{c} \end{array} & \begin{array}{c} \end{array} & \end{array}$		(0.194)
CT: Interact with AI X ACTS -0.021 (0.192) Age 0.005 (0.004) Educational Attainment -0.012 (0.037) Female -0.288* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766* (0.353) R² 0.028 n 1235	CT: Reflect on Reservations X ACTS	0.304
Age (0.192) Age 0.005 (0.004) Educational Attainment -0.012 (0.037) Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n		(0.191)
Age 0.005 (0.004) (0.004) Educational Attainment -0.012 (0.037) (0.037) Female -0.288^* (0.116) (0.116) Black -0.109 (0.163) (0.163) Hispanic -0.082 (0.151) (0.353) R^2 0.028 n 1235	CT: Interact with AI X ACTS	-0.021
Educational Attainment (0.004) Educational Attainment -0.012 (0.037) Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235		(0.192)
Educational Attainment -0.012 (0.037) Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235	Age	0.005
Female (0.037) Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235		(0.004)
Female -0.288^* (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235	Educational Attainment	-0.012
Black (0.116) Black -0.109 (0.163) Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235		
Black -0.109 (0.163)Hispanic -0.082 (0.151)Constant -0.766^* (0.353) R^2 0.028 n 1235	Female	-0.288 [*]
Hispanic (0.163) Constant (0.163) (0.151) (0.353) (0.353) (0.353) (0.353) (0.353) (0.353)		(0.116)
Hispanic -0.082 (0.151) Constant -0.766^* (0.353) R^2 0.028 n 1235	Black	-0.109
(0.151) Constant -0.766* (0.353) R ² 0.028 n 1235		(0.163)
Constant -0.766* (0.353) R ² 0.028 n 1235	Hispanic	-0.082
(0.353) R ² 0.028 n 1235		• •
R² 0.028 n 1235	Constant	-0.766 [*]
n 1235		(0.353)
	R^2	0.028
Nata OC applicate with standard arrays in agreeth acce. *n . OF		

Note: OLS coefficients with standard errors in parentheses, p < .05.