Appendix for: Conceptual Replication of Four Key Findings about Factual Corrections and Misinformation During the 2020 U.S. Election: Evidence from Panel Survey Experiments

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Contents

1 Sample composition

		Panel 1 (Lucid)	Panel 1 (Mturk)	Panel 2 (Mturk)	Panel 3 (Lucid)	Panel 4 (Mturk)	Panel 5 (Lucid)	Panel 6 (Mturk)	Panel 7 (Lucid)
n		*2,321*	*2,090*	*2,059*	*2,390*	*2,582*	*2,200*	*1,599*	*2,388*
Date Commenced		9/25	9/25	10/8	10/16	10/24	10/29	11/2	11/12
Date Concluded		9/29	9/25	10/8	10/20	10/25	11/3	11/2	11/22
Gender	Female	53			54	51	54	50	53
	Male	47			46	49	46	50	47
Race	White	71	56	64	72	69	72	70	70
	Hispanic	10	24	19	11	12	12	15	13
	Black	10	14	10	9	9	9	9	10
	Asian	6	4	5	4	7	4	4	4
	Other	3	3	2	4	2	4	2	3
Age	18-34	25	43	41	26	40	30	46	31
	35-50	30	38	40	30	37	29	39	31
	51-65	26	15	15	27	17	25	13	22
	>65	18	4	4	17	5	15	2	16
Education	HSD or less	24	6	9	27	11	28	11	25
	Some college	27	16	22	26	25	25	23	29
	BA degree	28	46	43	29	38	28	42	24
	Grad. educ	22	32	25	18	25	20	24	22
Income	<$40k	40	35	34	44	33	40	33	39
	$40-80k	29	46	43	28	39	30	43	30
	$80-120k	15	13	16	14	18	13	16	16
	>$120k	16	6	8	14	10	17	8	16
Party	Democrat	45	44	49	44	55	43	50	51
	Independent	14	4	6	15	8	14	7	13
	Republican	41	52	45	41	37	44	42	36
Region	Northeast	22			22		22		24
	South	39			39		39		38
	Midwest	19			20		19		18
	West	20			18		20		20

Table 1: Sample composition by panel. The top row reports the count of respondents. Subsequent rows report dates, and then percentages within each covariate group.

2   Time spent with treatments

Figure 1 shows the average number of seconds spent with the misinformation and fact check treatments, split out by measures of personality, cognition, political interest, and party affiliation. Subjects who differ on these dimensions spend similar amounts of time with misinformation treatments, but differing levels of time with the fact check treatments. In the main text, we argue that this difference in time spent is a good explanation for the pattern of heterogeneity in effects on beliefs.
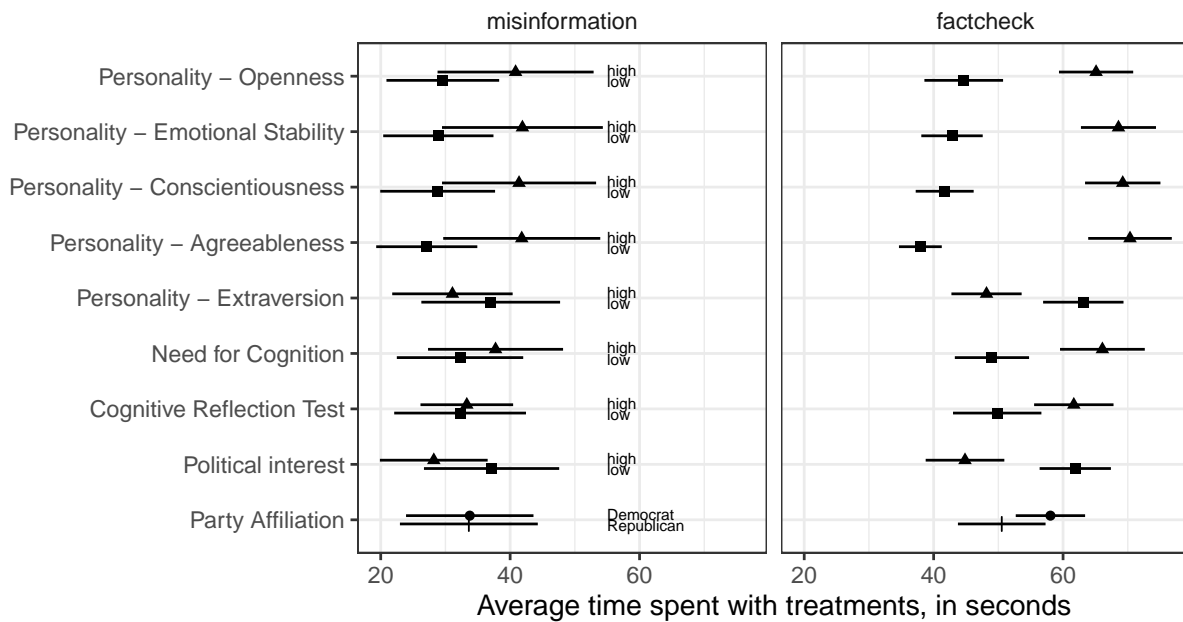

Figure 1: Time spent with treatments

We show that a similar pattern holds when splitting the misinformation type into misinformation in the form of a social media post versus misinformation in the form of a news article. Articles take more time to read than social media posts, and a similar pattern of who is willing to engage with the treatments emerges. Those who are high on openness, emotional stability, conscientiousness, and agreeableness spend more time than those who are low on these traits

with the misinformation treatments when they are articles, but not when they are social media posts.
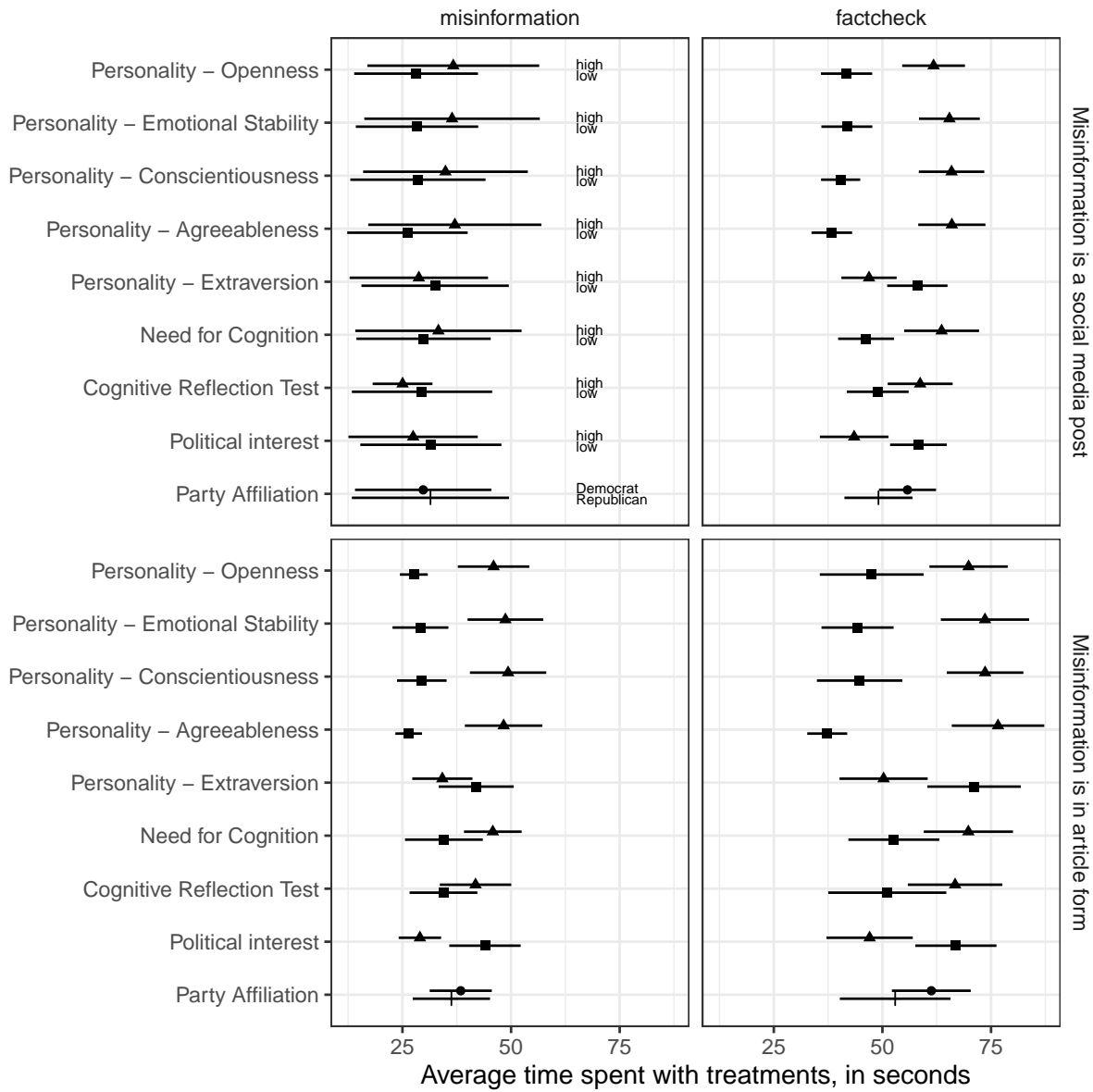
Figure 2: Time spent with treatments, by misinformation type

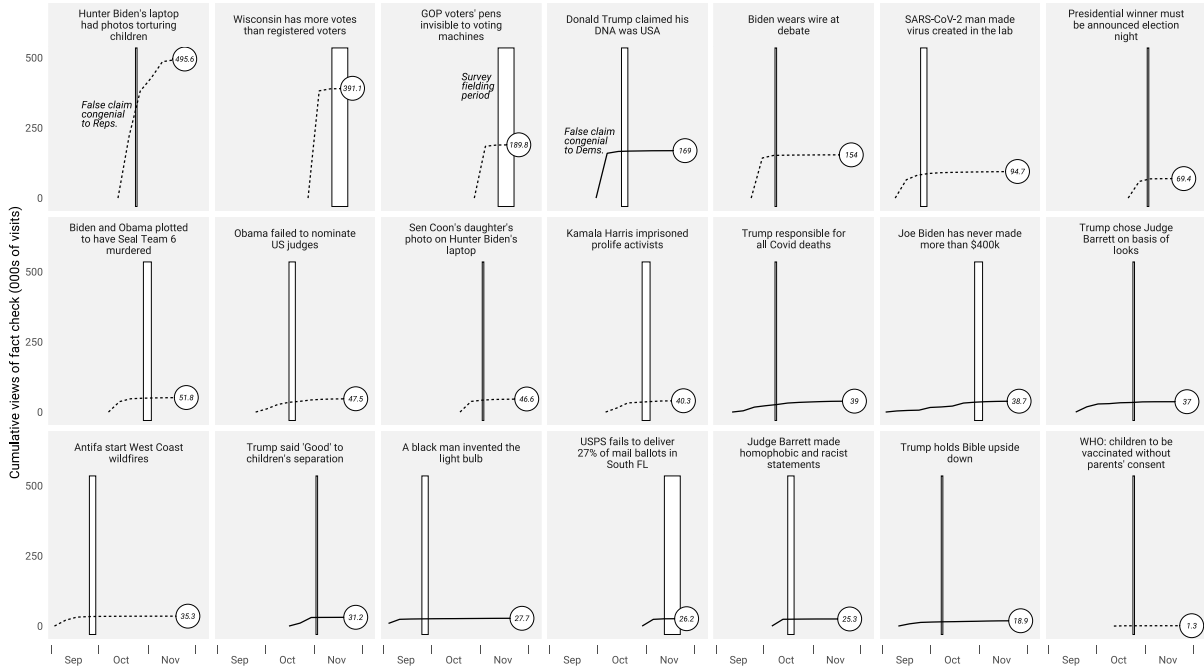# 3 Timing of fielding and fact-check traffic

Figure 3: Traffic over time

4 Balance figures

In this section, we demonstrate that randomization produced experimental groups that have similar average values of pre-treatment characteristics. We show this in two ways. First, we regress each covariate on the condition indicators, separately for each survey and fact check. Figures 4, 5, 6 display the coefficient estimates.These regressions return p-values below 0.05 in 42 of 816 opportunities, for a rate of 5.1%, almost exactly the rate of statistical significance we would expect under the null of randomization. If we apply the Benjamini-Hochberg multiple comparisons correction to these p-values, none remains significant.

Second, we conduct a joint test of whether, together, the pretreatment covariates predict treatment assignment. Since treatment assignment can take on three levels, we use a multi-nomial logistic regression and obtain the p-value from the appropriate likelihood ratio test. Figure 7 shows the p-values from this procedure. We obtain raw p-values below 0.05 in 2 of 24 opportunities. When we apply the Benjamini-Hochberg multiple comparisons correction, none remain significant.

Taken together, these balance tests serve as confirmation that the experimental design performed as expected in the sense of generating experimental groups that appear similar on observable pre-treatment covariates.
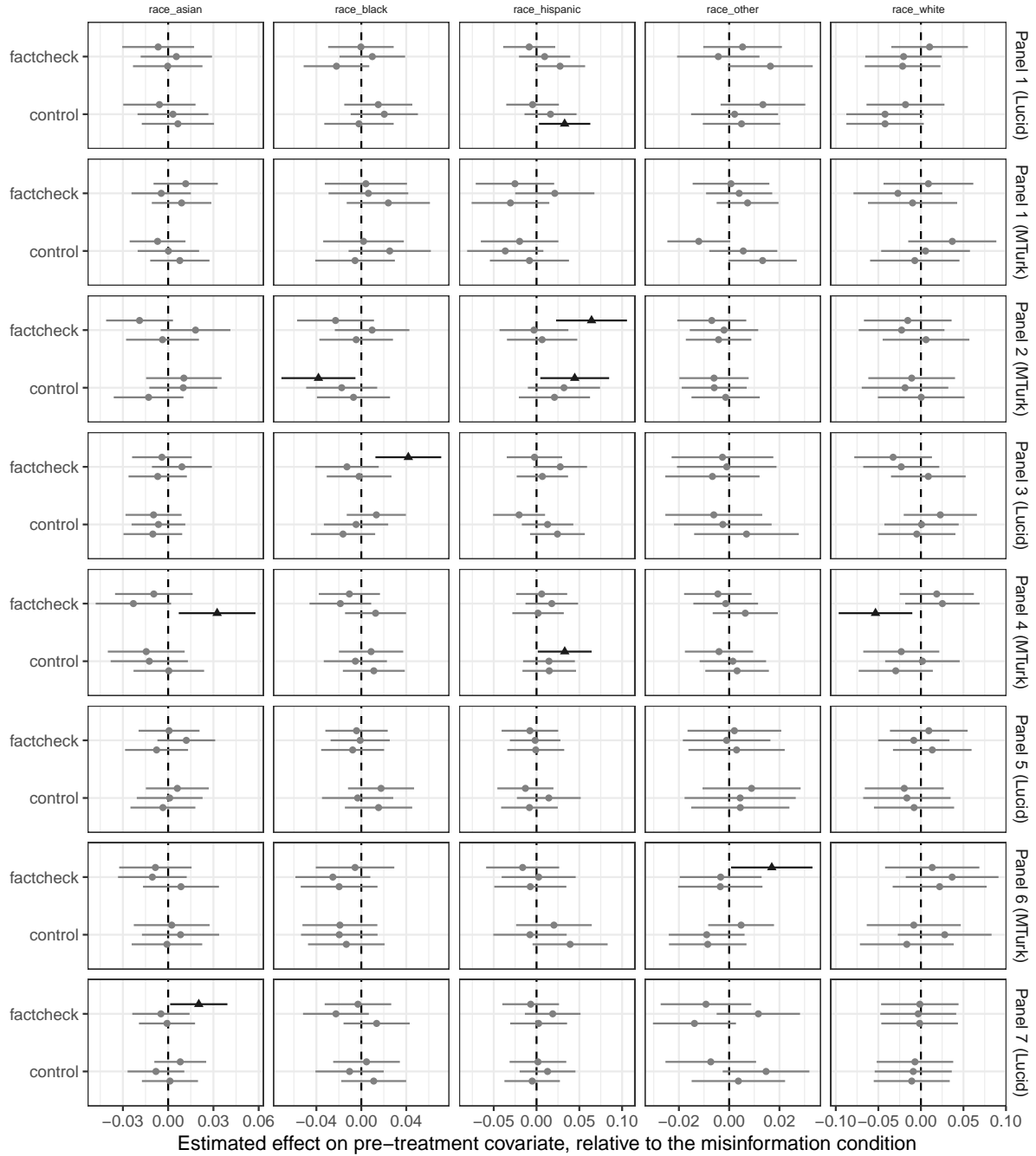
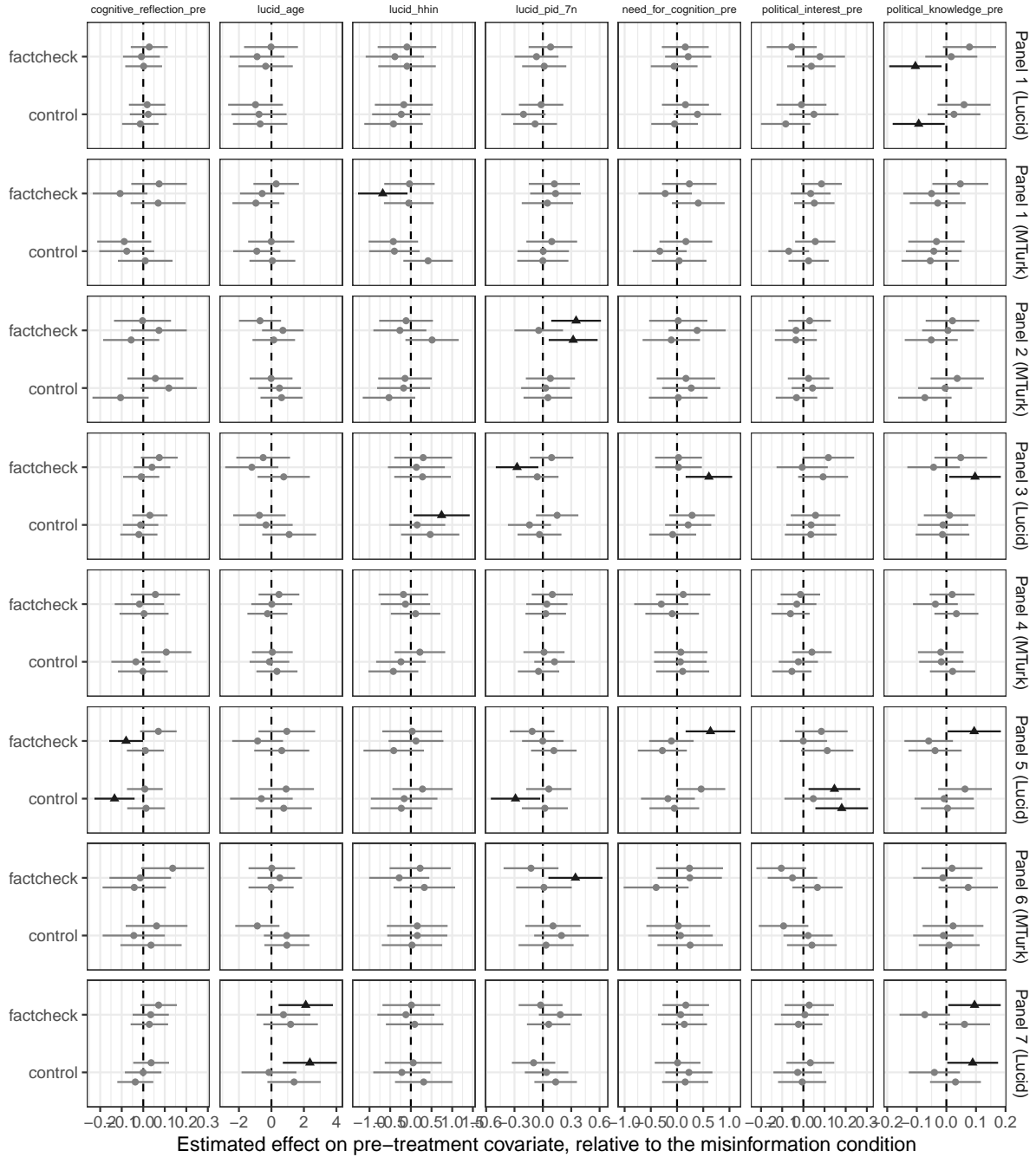Figure 4: Balance on Pre-treatment characteristics (1 of 3)

Figure 5: Balance on Pre-treatment characteristics (2 of 3)
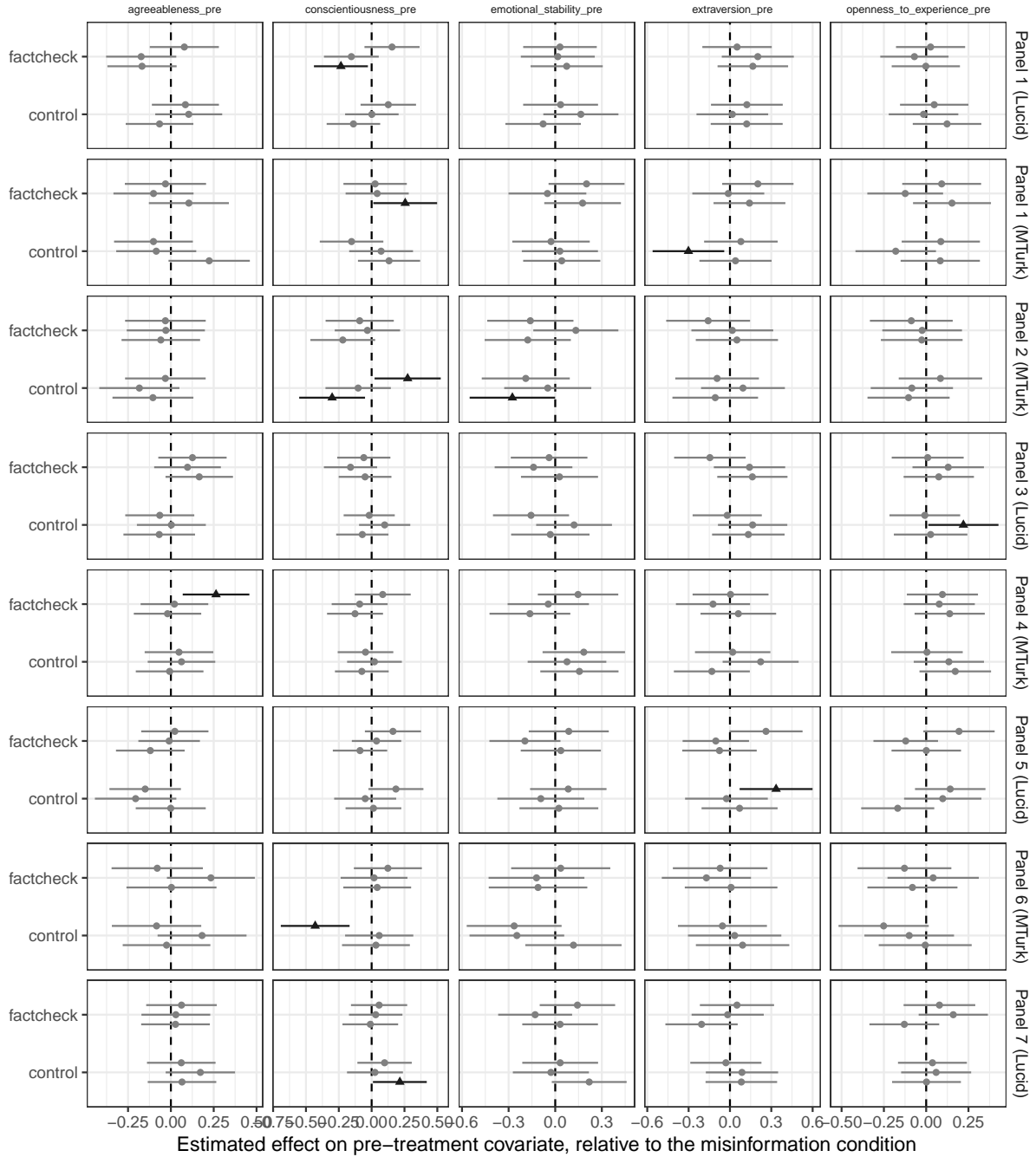
Figure 6: Balance on Pre-treatment characteristics (3 of 3)
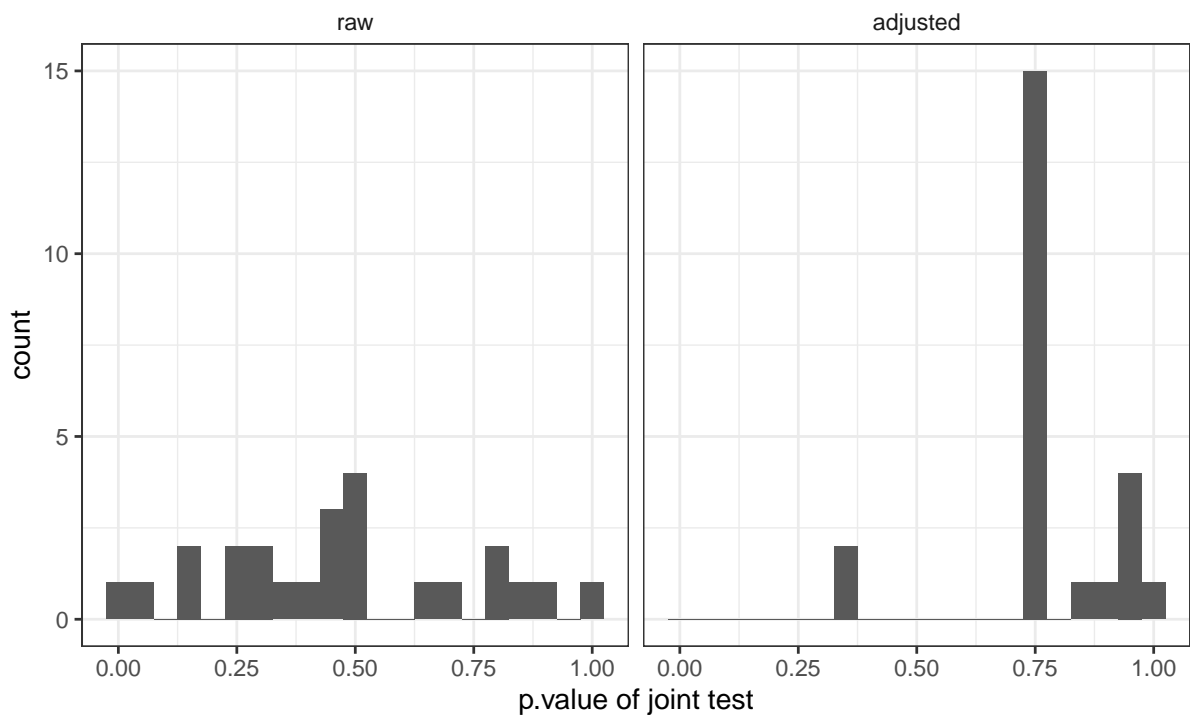
Figure 7: Joint test of balance

5 Attrition check

Not every subject who was randomly assigned responded to our outcome questions and not every subject who was invited to take follow-up surveys did so. In this section, we assess whether our treatments affected response.

Figure 8 shows the estimated effects of our treatments on response at wave 1, wave 2, and wave 3, separately by panel and fact check. We obtain 3 significant differences out of 108 opportunities, none of which remain significant when we apply the Benjamini-Hochberg correction.

This analysis gives us confidence that our treatments did not change whether subjects responded to our outcome questions, at least on average.

Figure 8: Effect of treatments on outcome response

6 Regression tables

Table 1: Average treatment effects at Wave 1 among all subjects

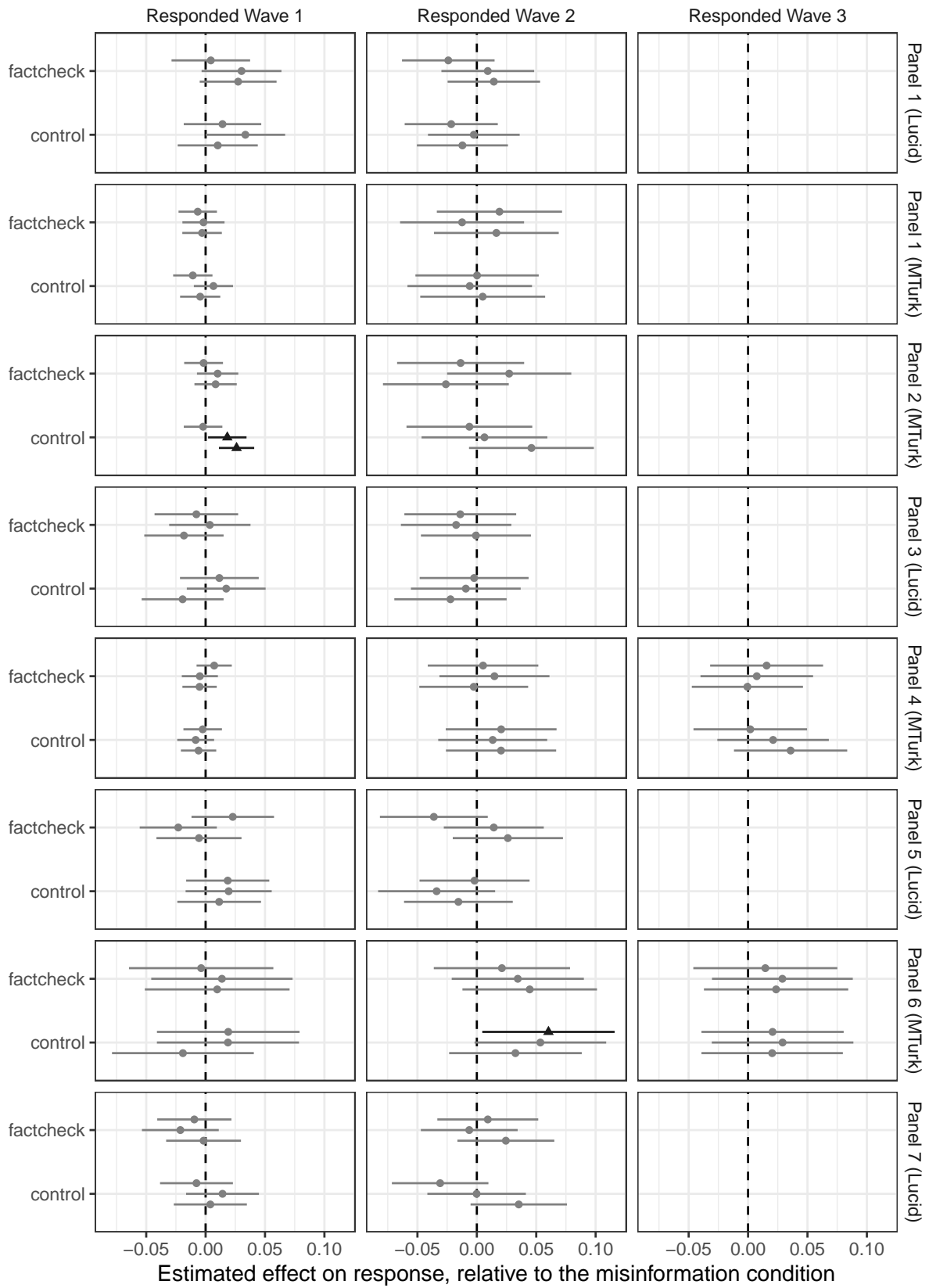| Topic	Panel	Covariates?	Average Effect of Misinformation versus Control	Average Effect of Correction versus Misinformation
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	no	12.97 (2.01) [16.91, 9.03]	-10.88 (2.10) [-14.99, -6.77]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	yes	12.44 (1.84) [16.06, 8.83]	-11.27 (1.94) [-15.07, -7.48]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	no	4.63 (1.89)* [8.34, 0.92]	-14.40 (2.01) [-18.35, -10.46]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	yes	3.08 (1.80) [6.61, -0.46]	-12.39 (1.88) [-16.09, -8.70]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	no	7.91 (2.03)* [11.88, 3.93]	-12.74 (2.07) [-16.79, -8.68]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	yes	8.06 (1.83) [11.65, 4.48]	-12.02 (1.92) [-15.80, -8.25]
Presidential winner must be announced election night	Panel 6 (MTurk)	no	-2.80 (3.40) [3.87, -9.47]	-7.02 (3.41)* [-13.70, -0.33]
Presidential winner must be announced election night	Panel 6 (MTurk)	yes	-1.84 (2.77) [3.59, -7.27]	-4.71 (2.71) [-10.03, 0.62]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	no	-8.94 (2.96)* [-3.13, -14.75]	0.44 (3.20) [-5.84, 6.73]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	yes	-5.93 (2.44)* [-1.14, -10.72]	-3.37 (2.60) [-8.46, 1.73]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	no	-4.30 (3.05) [1.68, -10.28]	-21.81 (3.19) [-28.08, -15.54]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	yes	-2.23 (2.75) [3.17, -7.62]	-20.27 (2.93) [-26.02, -14.52]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	no	6.97 (2.08)* [11.06, 2.88]	-9.47 (1.80) [-12.99, -5.94]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	yes	6.65 (1.90)* [10.37, 2.93]	-10.19 (1.56) [-13.24, -7.14]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	no	10.65 (2.03) [14.63, 6.68]	-17.09 (2.10) [-21.21, -12.98]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	yes	10.15 (1.93) [13.93, 6.37]	-16.67 (1.99) [-20.58, -12.76]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	no	13.41 (1.97) [17.27, 9.55]	-13.56 (2.08) [-17.65, -9.48]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	yes	14.23 (1.82) [17.80, 10.66]	-14.25 (1.94) [-18.05, -10.44]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	no	2.76 (1.66) [6.02, -0.50]	-4.34 (1.68)* [-7.64, -1.04]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	yes	3.09 (1.36)* [5.76, 0.42]	-3.72 (1.39)* [-6.43, -1.00]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	no	9.53 (1.77) [12.99, 6.07]	-20.80 (1.70) [-24.13, -17.47]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	yes	9.49 (1.52) [12.60, 6.39]	-20.84 (1.52) [-23.82, -17.85]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	no	-6.19 (1.68)* [-2.90, -9.47]	-7.31 (1.76) [-10.75, -3.86]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	yes	-5.62 (1.52)* [-2.63, -8.61]	-7.87 (1.52) [-10.85, -4.89]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	no	-2.47 (2.00) [1.45, -6.39]	-8.63 (1.90) [-12.36, -4.90]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	yes	-1.81 (1.92) [1.95, -5.58]	-8.37 (1.80) [-11.89, -4.85]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	no	0.43 (1.96) [4.28, -3.41]	-15.46 (1.94) [-19.28, -11.65]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	yes	0.44 (1.83) [3.83, -2.95]	-14.67 (1.75) [-18.10, -11.23]
Obama failed to nominate US judges	Panel 3 (Lucid)	no	8.22 (1.95) [12.05, 4.40]	-17.67 (1.97) [-21.53, -13.82]
Obama failed to nominate US judges	Panel 3 (Lucid)	yes	7.69 (1.79) [11.20, 4.19]	-15.95 (1.80) [-19.48, -12.41]
Biden wears wire at debate	Panel 2 (MTurk)	no	-0.78 (2.05) [3.25, -4.80]	-4.70 (2.14)* [-8.91, -0.50]
Biden wears wire at debate	Panel 2 (MTurk)	yes	1.61 (1.72) [4.99, -1.77]	-7.10 (1.72) [-10.47, -3.73]
Trump holds Bible upside down	Panel 2 (MTurk)	no	5.08 (1.79)* [8.59, 1.57]	-21.16 (1.97) [-25.02, -17.29]
Trump holds Bible upside down	Panel 2 (MTurk)	yes	5.45 (1.72)* [8.82, 2.09]	-21.15 (1.81) [-24.71, -17.60]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	no	3.04 (2.24) [7.43, -1.35]	-9.29 (2.28) [-13.76, -4.81]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	yes	2.03 (2.01) [5.97, -1.91]	-9.54 (1.95) [-13.37, -5.71]
A black man invented the light bulb	Panel 1 (MTurk)	no	5.90 (2.12)* [10.06, 1.73]	-5.15 (2.13)* [-9.34, -0.97]
A black man invented the light bulb	Panel 1 (MTurk)	yes	4.94 (1.63)* [8.14, 1.75]	-4.04 (1.63)* [-7.22, -0.85]
Antifa start West Coast wildfires	Panel 1 (MTurk)	no	3.48 (2.19) [7.78, -0.82]	-1.96 (2.21) [-6.30, 2.38]
Antifa start West Coast wildfires	Panel 1 (MTurk)	yes	3.52 (1.56)* [6.59, 0.46]	-4.69 (1.55)* [-7.72, -1.66]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	no	1.58 (2.08) [5.66, -2.51]	-3.87 (2.14) [-8.06, 0.33]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	yes	2.87 (1.66) [6.13, -0.39]	-3.92 (1.64)* [-7.14, -0.69]
A black man invented the light bulb	Panel 1 (Lucid)	no	8.59 (2.03) [12.58, 4.60]	-2.68 (2.06) [-6.72, 1.35]
A black man invented the light bulb	Panel 1 (Lucid)	yes	9.52 (1.83) [13.12, 5.93]	-4.49 (1.86)* [-8.13, -0.85]
Antifa start West Coast wildfires	Panel 1 (Lucid)	no	8.55 (1.96) [12.39, 4.70]	-10.72 (1.96) [-14.57, -6.88]
Antifa start West Coast wildfires	Panel 1 (Lucid)	yes	7.38 (1.71) [10.74, 4.02]	-11.59 (1.74) [-15.01, -8.17]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	no	6.87 (2.15)* [11.09, 2.64]	-11.01 (2.13) [-15.19, -6.83]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	yes	5.78 (1.93)* [9.56, 2.00]	-10.12 (1.88) [-13.81, -6.43]
Meta-analysis	Meta-analysis	no	4.12 (1.19)* [1.80, 6.44]	-10.51 (1.27)* [-13.01, -8.02]
Meta-analysis	Meta-analysis	yes	4.30 (1.07)* [2.21, 6.40]	-10.52 (1.14)* [-12.75, -8.28]

Table 2: Conditional average treatment effects at Wave 1 among Democrats

Topic	Panel	PID	Covariates?	Average Effect of Misinformation versus Control	Average Effect of Correction versus Misinformation
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	Democrat	no	10.42 (2.68)* [15.68, 5.17]	-9.79 (2.87)* [-15.43, -4.15]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	Democrat	yes	7.78 (2.56)* [12.81, 2.75]	-8.28 (2.71)* [-13.60, -2.96]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	Democrat	no	4.14 (2.66) [9.36, -1.08]	-14.73 (2.82)* [-20.26, -9.20]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	Democrat	yes	3.61 (2.55) [8.62, -1.40]	-13.86 (2.71)* [-19.18, -8.55]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	Democrat	no	11.33 (2.65)* [16.53, 6.13]	-8.73 (2.81)* [-14.23, -3.22]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	Democrat	yes	9.56 (2.47)* [14.41, 4.70]	-7.58 (2.64)* [-12.76, -2.40]
Presidential winner must be announced election night	Panel 6 (MTurk)	Democrat	no	-2.73 (4.44) [6.01, -11.47]	-5.68 (4.30) [-14.13, 2.78]
Presidential winner must be announced election night	Panel 6 (MTurk)	Democrat	yes	-4.59 (3.94) [3.16, -12.34]	-3.68 (3.57) [-10.70, 3.34]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	Democrat	no	-6.01 (3.70) [1.26, -13.27]	-5.63 (4.02) [-13.54, 2.27]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	Democrat	yes	-3.09 (3.28) [3.35, -9.53]	-8.67 (3.51)* [-15.58, -1.77]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	Democrat	no	6.71 (4.25) [15.07, -1.65]	-36.36 (4.11)* [-44.44, -28.28]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	Democrat	yes	5.71 (4.20) [13.96, -2.54]	-34.18 (4.13)* [-42.29, -26.06]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	Democrat	no	0.21 (2.81) [5.72, -5.30]	-8.20 (2.24)* [-12.59, -3.81]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	Democrat	yes	-0.22 (2.67) [5.02, -5.46]	-8.16 (2.09)* [-12.27, -4.05]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	Democrat	no	17.19 (2.97)* [23.02, 11.37]	-24.08 (3.05)* [-30.07, -18.09]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	Democrat	yes	18.02 (3.04)* [23.98, 12.06]	-24.34 (3.04)* [-30.31, -18.37]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	Democrat	no	18.09 (2.86)* [23.70, 12.48]	-16.67 (3.10)* [-22.76, -10.58]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	Democrat	yes	17.81 (2.78)* [23.28, 12.35]	-16.00 (3.04)* [-21.98, -10.03]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	Democrat	no	3.47 (1.84) [7.08, -0.13]	-4.21 (1.92)* [-7.98, -0.44]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	Democrat	yes	3.06 (1.60) [6.19, -0.08]	-4.17 (1.65)* [-7.42, -0.93]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	Democrat	no	9.66 (2.29)* [14.16, 5.17]	-23.64 (2.20)* [-27.95, -19.33]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	Democrat	yes	10.69 (2.09)* [14.79, 6.59]	-23.48 (2.00)* [-27.41, -19.55]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	Democrat	no	-8.38 (2.16)* [-4.15, -12.62]	-8.76 (2.09)* [-12.86, -4.65]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	Democrat	yes	-8.73 (1.99)* [-4.82, -12.64]	-8.92 (1.91)* [-12.66, -5.18]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	Democrat	no	-0.20 (3.08) [5.84, -6.24]	-8.45 (2.85)* [-14.04, -2.85]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	Democrat	yes	0.07 (2.97) [5.90, -5.76]	-8.00 (2.78)* [-13.44, -2.55]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	Democrat	no	3.65 (2.91) [9.36, -2.06]	-20.70 (2.99)* [-26.58, -14.83]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	Democrat	yes	3.10 (2.75) [8.51, -2.30]	-19.66 (2.86)* [-25.28, -14.04]
Obama failed to nominate US judges	Panel 3 (Lucid)	Democrat	no	2.30 (2.84) [7.88, -3.28]	-12.00 (2.78)* [-17.46, -6.53]
Obama failed to nominate US judges	Panel 3 (Lucid)	Democrat	yes	2.49 (2.82) [8.03, -3.04]	-11.80 (2.73)* [-17.16, -6.43]
Biden wears wire at debate	Panel 2 (MTurk)	Democrat	no	0.26 (2.69) [5.53, -5.02]	-6.84 (2.84)* [-12.42, -1.26]
Biden wears wire at debate	Panel 2 (MTurk)	Democrat	yes	0.02 (2.41) [4.75, -4.71]	-8.51 (2.40)* [-13.22, -3.80]
Trump holds Bible upside down	Panel 2 (MTurk)	Democrat	no	8.88 (2.47)* [13.73, 4.03]	-28.01 (2.66)* [-33.23, -22.79]
Trump holds Bible upside down	Panel 2 (MTurk)	Democrat	yes	8.36 (2.48)* [13.23, 3.50]	-27.71 (2.58)* [-32.77, -22.65]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	Democrat	no	5.91 (3.10) [11.98, -0.17]	-18.47 (3.19)* [-24.74, -12.20]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	Democrat	yes	3.97 (2.94) [9.75, -1.81]	-15.74 (2.90)* [-21.44, -10.04]
A black man invented the light bulb	Panel 1 (MTurk)	Democrat	no	8.23 (3.04)* [14.19, 2.26]	-9.48 (3.04)* [-15.44, -3.51]
A black man invented the light bulb	Panel 1 (MTurk)	Democrat	yes	7.23 (2.63)* [12.39, 2.07]	-7.62 (2.62)* [-12.76, -2.48]
Antifa start West Coast wildfires	Panel 1 (MTurk)	Democrat	no	1.50 (3.08) [7.54, -4.55]	-2.63 (3.15) [-8.82, 3.56]
Antifa start West Coast wildfires	Panel 1 (MTurk)	Democrat	yes	2.08 (2.37) [6.72, -2.57]	-3.00 (2.42) [-7.75, 1.74]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	Democrat	no	4.32 (3.25) [10.70, -2.05]	-10.60 (3.24)* [-16.96, -4.24]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	Democrat	yes	4.11 (2.64) [9.28, -1.07]	-7.01 (2.65)* [-12.22, -1.81]
A black man invented the light bulb	Panel 1 (Lucid)	Democrat	no	13.29 (3.11)* [19.40, 7.18]	-6.56 (3.13)* [-12.70, -0.42]
A black man invented the light bulb	Panel 1 (Lucid)	Democrat	yes	13.59 (2.83)* [19.14, 8.03]	-6.64 (2.89)* [-12.32, -0.96]
Antifa start West Coast wildfires	Panel 1 (Lucid)	Democrat	no	6.04 (2.64)* [11.21, 0.86]	-8.69 (2.66)* [-13.90, -3.47]
Antifa start West Coast wildfires	Panel 1 (Lucid)	Democrat	yes	4.04 (2.36) [8.67, -0.59]	-9.30 (2.44)* [-14.10, -4.51]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	Democrat	no	3.67 (3.07) [9.69, -2.34]	-9.39 (3.06)* [-15.40, -3.37]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	Democrat	yes	2.75 (2.81) [8.26, -2.76]	-7.67 (2.77)* [-13.11, -2.23]
Meta-analysis	Meta-analysis	Democrat	no	5.15 (1.33)* [2.55, 7.76]	-12.79 (1.67)* [-16.06, -9.52]
Meta-analysis	Meta-analysis	Democrat	yes	4.66 (1.30)* [2.11, 7.20]	-12.11 (1.60)* [-15.26, -8.97]

Table 3: Conditional average treatment effects at Wave 1 among Republicans

Topic	Panel	PID	Covariates?	Average Effect of Misinformation versus Control	Average Effect of Correction versus Misinformation
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	Republican	no	16.55 (3.01)* [22.45, 10.65]	-14.76 (3.07)* [-20.78, -8.74]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	Republican	yes	17.40 (3.00)* [23.29, 11.51]	-14.81 (3.06)* [-20.82, -8.79]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	Republican	no	7.03 (3.03)* [12.98, 1.07]	-14.90 (3.26)* [-21.30, -8.49]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	Republican	yes	4.38 (2.94) [10.15, -1.39]	-11.86 (3.05)* [-17.85, -5.86]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	Republican	no	5.19 (3.01) [11.10, -0.73]	-20.61 (3.19)* [-26.86, -14.35]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	Republican	yes	5.16 (2.97) [11.00, -0.67]	-19.71 (3.13)* [-25.85, -13.57]
Presidential winner must be announced election night	Panel 6 (MTurk)	Republican	no	-2.57 (5.02) [7.30, -12.44]	-6.12 (5.31) [-16.57, 4.33]
Presidential winner must be announced election night	Panel 6 (MTurk)	Republican	yes	-1.31 (3.97) [6.50, -9.12]	-3.13 (4.27) [-11.52, 5.27]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	Republican	no	-6.60 (4.52) [2.29, -15.49]	-1.97 (4.84) [-11.50, 7.56]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	Republican	yes	-6.10 (4.07) [1.90, -14.10]	-2.92 (4.00) [-10.80, 4.95]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	Republican	no	-15.72 (4.77)* [-6.34, -25.09]	-5.61 (5.38) [-16.19, 4.97]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	Republican	yes	-10.25 (3.72)* [-2.94, -17.56]	-4.98 (4.21) [-13.26, 3.31]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	Republican	no	11.13 (3.48)* [17.96, 4.29]	-11.81 (2.79)* [-17.28, -6.34]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	Republican	yes	14.59 (3.17)* [20.82, 8.37]	-13.72 (2.56)* [-18.74, -8.71]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	Republican	no	2.78 (3.11) [8.88, -3.32]	-10.87 (3.21)* [-17.17, -4.58]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	Republican	yes	2.68 (2.82) [8.22, -2.87]	-10.06 (2.92)* [-15.80, -4.33]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	Republican	no	12.27 (2.75)* [17.66, 6.87]	-10.73 (2.87)* [-16.36, -5.10]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	Republican	yes	12.45 (2.70)* [17.75, 7.14]	-10.94 (2.82)* [-16.49, -5.40]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	Republican	no	3.63 (3.10) [9.71, -2.45]	-6.88 (3.06)* [-12.89, -0.87]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	Republican	yes	3.68 (2.55) [8.67, -1.32]	-4.53 (2.48) [-9.39, 0.33]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	Republican	no	9.32 (3.13)* [15.46, 3.19]	-17.12 (3.04)* [-23.08, -11.15]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	Republican	yes	8.41 (2.58)* [13.48, 3.34]	-16.11 (2.61)* [-21.24, -10.99]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	Republican	no	-1.19 (2.92) [4.54, -6.92]	-6.56 (3.22)* [-12.89, -0.24]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	Republican	yes	-0.79 (2.53) [4.18, -5.77]	-7.47 (2.65)* [-12.67, -2.26]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	Republican	no	-4.02 (3.14) [2.15, -10.19]	-10.62 (3.08)* [-16.67, -4.57]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	Republican	yes	-3.73 (3.02) [2.20, -9.65]	-10.91 (2.76)* [-16.33, -5.50]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	Republican	no	-4.32 (2.98) [1.52, -10.17]	-8.51 (2.86)* [-14.13, -2.90]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	Republican	yes	-0.95 (2.57) [4.11, -6.00]	-9.12 (2.45)* [-13.94, -4.30]
Obama failed to nominate US judges	Panel 3 (Lucid)	Republican	no	11.51 (2.79)* [16.98, 6.04]	-18.00 (2.97)* [-23.83, -12.18]
Obama failed to nominate US judges	Panel 3 (Lucid)	Republican	yes	11.36 (2.66)* [16.58, 6.15]	-17.35 (2.91)* [-23.07, -11.63]
Biden wears wire at debate	Panel 2 (MTurk)	Republican	no	-1.72 (2.91) [3.99, -7.44]	-5.32 (3.03) [-11.27, 0.63]
Biden wears wire at debate	Panel 2 (MTurk)	Republican	yes	2.03 (2.56) [7.05, -2.99]	-5.35 (2.41)* [-10.08, -0.62]
Trump holds Bible upside down	Panel 2 (MTurk)	Republican	no	1.78 (2.74) [7.15, -3.60]	-11.73 (3.06)* [-17.74, -5.72]
Trump holds Bible upside down	Panel 2 (MTurk)	Republican	yes	1.87 (2.37) [6.53, -2.78]	-11.84 (2.59)* [-16.93, -6.75]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	Republican	no	-0.76 (3.47) [6.05, -7.56]	1.39 (3.46) [-5.40, 8.18]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	Republican	yes	-2.15 (2.64) [3.04, -7.34]	-0.78 (2.52) [-5.72, 4.16]
A black man invented the light bulb	Panel 1 (MTurk)	Republican	no	4.52 (2.86) [10.12, -1.09]	-1.36 (2.81) [-6.87, 4.15]
A black man invented the light bulb	Panel 1 (MTurk)	Republican	yes	2.85 (2.00) [6.77, -1.08]	-0.98 (1.94) [-4.80, 2.83]
Antifa start West Coast wildfires	Panel 1 (MTurk)	Republican	no	6.24 (2.60)* [11.34, 1.13]	-4.58 (2.56) [-9.60, 0.44]
Antifa start West Coast wildfires	Panel 1 (MTurk)	Republican	yes	5.39 (2.01)* [9.33, 1.45]	-5.59 (1.96)* [-9.44, -1.73]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	Republican	no	0.31 (2.21) [4.64, -4.02]	0.19 (2.22) [-4.16, 4.54]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	Republican	yes	0.64 (2.01) [4.57, -3.30]	-0.13 (1.94) [-3.94, 3.69]
A black man invented the light bulb	Panel 1 (Lucid)	Republican	no	4.24 (3.10) [10.32, -1.83]	2.55 (3.19) [-3.71, 8.81]
A black man invented the light bulb	Panel 1 (Lucid)	Republican	yes	4.56 (2.71) [9.87, -0.76]	-1.63 (2.65) [-6.84, 3.58]
Antifa start West Coast wildfires	Panel 1 (Lucid)	Republican	no	8.10 (3.26)* [14.49, 1.71]	-13.43 (3.14)* [-19.60, -7.26]
Antifa start West Coast wildfires	Panel 1 (Lucid)	Republican	yes	9.80 (2.90)* [15.49, 4.12]	-15.27 (2.75)* [-20.67, -9.87]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	Republican	no	5.56 (3.05) [11.54, -0.43]	-10.21 (3.01)* [-16.12, -4.31]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	Republican	yes	5.72 (2.99) [11.58, -0.14]	-9.05 (2.88)* [-14.71, -3.39]
Meta-analysis	Meta-analysis	Republican	no	3.39 (1.35)* [0.75, 6.03]	-8.76 (1.29)* [-11.29, -6.23]
Meta-analysis	Meta-analysis	Republican	yes	3.79 (1.26)* [1.32, 6.26]	-8.64 (1.18)* [-10.95, -6.33]

Table 4: Persistence to Time 2: Unadjusted Estimates

Topic	Panel	Wave	Covariates?	Average Effect of Correction versus Control
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	w1	no	-4.00 (4.07) [-12.01, 4.00]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	w2	no	-3.55 (4.25) [-11.91, 4.81]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	ratio	no	0.89 (0.87) [-0.83, 2.60]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	w1	no	-11.58 (3.92)* [-19.28, -3.88]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	w2	no	-3.41 (4.02) [-11.31, 4.49]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	ratio	no	0.29 (0.31) [-0.31, 0.90]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	w1	no	-4.32 (4.08) [-12.34, 3.70]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	w2	no	-0.32 (4.12) [-8.42, 7.77]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	ratio	no	0.07 (0.91) [-1.71, 1.86]
Presidential winner must be announced election night	Panel 6 (MTurk)	w1	no	-11.39 (4.06)* [-19.37, -3.41]
Presidential winner must be announced election night	Panel 6 (MTurk)	w2	no	-5.71 (4.06) [-13.70, 2.28]
Presidential winner must be announced election night	Panel 6 (MTurk)	ratio	no	0.50 (0.27) [-0.03, 1.04]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w1	no	-9.62 (3.78)* [-17.06, -2.19]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w2	no	-2.87 (3.85) [-10.44, 4.71]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	ratio	no	0.30 (0.32) [-0.34, 0.93]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w1	no	-26.81 (3.59)* [-33.87, -19.75]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w2	no	-26.41 (3.78)* [-33.83, -18.98]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	ratio	no	0.98 (0.10)* [0.79, 1.18]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	w1	no	-7.33 (3.97) [-15.15, 0.48]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	w2	no	0.42 (4.22) [-7.90, 8.73]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	ratio	no	-0.06 (0.59) [-1.23, 1.11]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	w1	no	-2.43 (3.76) [-9.82, 4.97]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	w2	no	-2.39 (3.91) [-10.08, 5.31]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	ratio	no	0.98 (1.70) [-2.36, 4.32]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	w1	no	2.28 (3.77) [-5.13, 9.70]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	w2	no	0.72 (4.02) [-7.18, 8.62]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	ratio	no	0.31 (1.59) [-2.82, 3.44]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w1	no	-0.97 (1.98) [-4.85, 2.91]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w2	no	0.66 (2.07) [-3.40, 4.72]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	ratio	no	-0.68 (3.30) [-7.15, 5.80]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w1	no	-7.99 (2.13)* [-12.18, -3.80]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w2	no	-2.00 (2.27) [-6.44, 2.45]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	ratio	no	0.25 (0.24) [-0.23, 0.73]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w1	no	-14.54 (2.14)* [-18.75, -10.33]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w2	no	-6.34 (2.24)* [-10.74, -1.94]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	ratio	no	0.44 (0.13)* [0.19, 0.68]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	w1	no	-6.12 (3.18) [-12.36, 0.13]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	w2	no	-0.83 (3.76) [-8.22, 6.55]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	ratio	no	0.14 (0.59) [-1.03, 1.30]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	w1	no	-16.32 (3.14)* [-22.50, -10.15]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	w2	no	-3.58 (3.52) [-10.50, 3.34]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	ratio	no	0.22 (0.20) [-0.17, 0.61]
Obama failed to nominate US judges	Panel 3 (Lucid)	w1	no	-7.35 (3.44)* [-14.11, -0.58]
Obama failed to nominate US judges	Panel 3 (Lucid)	w2	no	2.30 (3.60) [-4.78, 9.38]
Obama failed to nominate US judges	Panel 3 (Lucid)	ratio	no	-0.31 (0.57) [-1.43, 0.80]
Biden wears wire at debate	Panel 2 (MTurk)	w1	no	-3.51 (2.85) [-9.10, 2.08]
Biden wears wire at debate	Panel 2 (MTurk)	w2	no	-1.91 (2.86) [-7.51, 3.70]
Biden wears wire at debate	Panel 2 (MTurk)	ratio	no	0.54 (0.56) [-0.56, 1.65]
Trump holds Bible upside down	Panel 2 (MTurk)	w1	no	-19.00 (2.72)* [-24.35, -13.65]
Trump holds Bible upside down	Panel 2 (MTurk)	w2	no	-21.04 (2.74)* [-26.43, -15.65]
Trump holds Bible upside down	Panel 2 (MTurk)	ratio	no	1.11 (0.12)* [0.86, 1.35]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	w1	no	-6.89 (3.08)* [-12.93, -0.84]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	w2	no	-2.93 (3.12) [-9.04, 3.19]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	ratio	no	0.42 (0.35) [-0.26, 1.11]
A black man invented the light bulb	Panel 1 (MTurk)	w1	no	3.08 (3.07) [-2.94, 9.10]
A black man invented the light bulb	Panel 1 (MTurk)	w2	no	6.60 (3.05)* [0.61, 12.60]
A black man invented the light bulb	Panel 1 (MTurk)	ratio	no	2.14 (1.52) [-0.85, 5.13]
Antifa start West Coast wildfires	Panel 1 (MTurk)	w1	no	5.36 (3.21) [-0.95, 11.66]
Antifa start West Coast wildfires	Panel 1 (MTurk)	w2	no	6.20 (3.21) [-0.11, 12.51]
Antifa start West Coast wildfires	Panel 1 (MTurk)	ratio	no	1.16 (0.35)* [0.47, 1.84]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	w1	no	-2.74 (3.13) [-8.89, 3.42]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	w2	no	-2.89 (3.14) [-9.07, 3.28]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	ratio	no	1.06 (0.77) [-0.45, 2.56]
A black man invented the light bulb	Panel 1 (Lucid)	w1	no	4.08 (4.40) [-4.58, 12.75]
A black man invented the light bulb	Panel 1 (Lucid)	w2	no	0.42 (4.59) [-8.62, 9.46]
A black man invented the light bulb	Panel 1 (Lucid)	ratio	no	0.10 (1.07) [-2.00, 2.20]
Antifa start West Coast wildfires	Panel 1 (Lucid)	w1	no	-1.10 (4.08) [-9.13, 6.94]
Antifa start West Coast wildfires	Panel 1 (Lucid)	w2	no	-0.57 (4.02) [-8.48, 7.34]
Antifa start West Coast wildfires	Panel 1 (Lucid)	ratio	no	0.52 (3.08) [-5.54, 6.57]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	w1	no	3.01 (4.90) [-6.63, 12.65]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	w2	no	-1.02 (4.93) [-10.72, 8.69]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	ratio	no	-0.34 (2.06) [-4.39, 3.72]
Meta-analysis	Meta-analysis	w1	no	-6.24 (1.60)* [-9.38, -3.10]
Meta-analysis	Meta-analysis	w2	no	-2.99 (1.50)* [-5.92, -0.06]
Meta-analysis	Meta-analysis	ratio	no	0.54 (0.11)* [0.33, 0.76]

Table 5: Persistence to Time 2: Adjusted Estimates

Topic	Panel	Wave	Covariates?	Average Effect of Correction versus Control
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	w1	yes	-3.91 (3.75) [-11.29, 3.46]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	w2	yes	-4.85 (3.80) [-12.31, 2.62]
GOP voters' pens invisible to voting machines	Panel 7 (Lucid)	ratio	yes	1.24 (1.06) [-0.85, 3.32]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	w1	yes	-8.92 (3.88)* [-16.55, -1.28]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	w2	yes	0.71 (3.82) [-6.79, 8.22]
USPS fails to deliver 27% of mail ballots in South FL	Panel 7 (Lucid)	ratio	yes	-0.08 (0.44) [-0.95, 0.79]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	w1	yes	-3.49 (3.82) [-10.99, 4.02]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	w2	yes	1.30 (3.70) [-5.97, 8.58]
Wisconsin has more votes than registered voters	Panel 7 (Lucid)	ratio	yes	-0.37 (1.34) [-3.01, 2.26]
Presidential winner must be announced election night	Panel 6 (MTurk)	w1	yes	-8.50 (3.46)* [-15.31, -1.70]
Presidential winner must be announced election night	Panel 6 (MTurk)	w2	yes	-4.59 (3.23) [-10.95, 1.77]
Presidential winner must be announced election night	Panel 6 (MTurk)	ratio	yes	0.54 (0.33) [-0.12, 1.20]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w1	yes	-9.11 (3.06)* [-15.13, -3.09]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w2	yes	-1.68 (2.95) [-7.49, 4.13]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	ratio	yes	0.18 (0.29) [-0.39, 0.76]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w1	yes	-23.53 (3.27)* [-29.96, -17.10]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w2	yes	-22.79 (3.42)* [-29.53, -16.06]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	ratio	yes	0.97 (0.11)* [0.75, 1.19]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	w1	yes	-7.18 (3.69) [-14.43, 0.08]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	w2	yes	-1.68 (3.95) [-9.45, 6.09]
Biden and Obama plotted to have Seal Team 6 murdered	Panel 5 (Lucid)	ratio	yes	0.23 (0.50) [-0.76, 1.22]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	w1	yes	-2.62 (3.62) [-9.74, 4.51]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	w2	yes	-2.33 (3.80) [-9.81, 5.14]
Joe Biden has never made more than $400k	Panel 5 (Lucid)	ratio	yes	0.89 (1.57) [-2.19, 3.97]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	w1	yes	3.90 (3.55) [-3.08, 10.87]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	w2	yes	1.11 (3.66) [-6.08, 8.30]
Kamala Harris imprisoned prolife activists	Panel 5 (Lucid)	ratio	yes	0.28 (0.88) [-1.44, 2.01]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w1	yes	-0.61 (1.63) [-3.81, 2.59]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w2	yes	0.91 (1.68) [-2.39, 4.21]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	ratio	yes	-1.49 (6.15) [-13.55, 10.57]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w1	yes	-8.96 (1.86)* [-12.62, -5.30]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w2	yes	-2.86 (2.07) [-6.93, 1.20]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	ratio	yes	0.32 (0.20) [-0.07, 0.71]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w1	yes	-14.26 (1.85)* [-17.88, -10.63]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w2	yes	-5.57 (2.04)* [-9.58, -1.57]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	ratio	yes	0.39 (0.13)* [0.14, 0.64]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	w1	yes	-8.16 (2.98)* [-14.01, -2.31]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	w2	yes	-1.99 (3.65) [-9.17, 5.19]
Donald Trump claimed his DNA was USA	Panel 3 (Lucid)	ratio	yes	0.24 (0.43) [-0.59, 1.08]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	w1	yes	-15.53 (2.81)* [-21.06, -10.00]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	w2	yes	-3.06 (3.14) [-9.24, 3.12]
Judge Barrett made homophobic and racist statements	Panel 3 (Lucid)	ratio	yes	0.20 (0.19) [-0.17, 0.57]
Obama failed to nominate US judges	Panel 3 (Lucid)	w1	yes	-6.05 (3.29) [-12.50, 0.41]
Obama failed to nominate US judges	Panel 3 (Lucid)	w2	yes	4.34 (3.43) [-2.41, 11.09]
Obama failed to nominate US judges	Panel 3 (Lucid)	ratio	yes	-0.72 (0.79) [-2.28, 0.84]
Biden wears wire at debate	Panel 2 (MTurk)	w1	yes	-6.35 (2.30)* [-10.86, -1.85]
Biden wears wire at debate	Panel 2 (MTurk)	w2	yes	-4.44 (2.31) [-8.97, 0.09]
Biden wears wire at debate	Panel 2 (MTurk)	ratio	yes	0.70 (0.29)* [0.13, 1.27]
Trump holds Bible upside down	Panel 2 (MTurk)	w1	yes	-19.46 (2.50)* [-24.37, -14.56]
Trump holds Bible upside down	Panel 2 (MTurk)	w2	yes	-21.10 (2.55)* [-26.10, -16.09]
Trump holds Bible upside down	Panel 2 (MTurk)	ratio	yes	1.08 (0.12)* [0.85, 1.32]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	w1	yes	-7.85 (2.59)* [-12.93, -2.77]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	w2	yes	-3.94 (2.70) [-9.24, 1.36]
Trump responsible for all Covid deaths	Panel 2 (MTurk)	ratio	yes	0.50 (0.29) [-0.06, 1.06]
A black man invented the light bulb	Panel 1 (MTurk)	w1	yes	1.34 (2.22) [-3.03, 5.70]
A black man invented the light bulb	Panel 1 (MTurk)	w2	yes	4.98 (2.41)* [0.25, 9.71]
A black man invented the light bulb	Panel 1 (MTurk)	ratio	yes	3.73 (5.37) [-6.81, 14.26]
Antifa start West Coast wildfires	Panel 1 (MTurk)	w1	yes	-1.17 (2.22) [-5.52, 3.18]
Antifa start West Coast wildfires	Panel 1 (MTurk)	w2	yes	-0.17 (2.34) [-4.77, 4.42]
Antifa start West Coast wildfires	Panel 1 (MTurk)	ratio	yes	0.15 (1.82) [-3.42, 3.72]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	w1	yes	-0.05 (2.38) [-4.72, 4.61]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	w2	yes	0.09 (2.38) [-4.58, 4.76]
SARS-CoV-2 man made virus created in the lab	Panel 1 (MTurk)	ratio	yes	-1.66 (106.13) [-210.06, 206.73]
A black man invented the light bulb	Panel 1 (Lucid)	w1	yes	3.36 (4.15) [-4.81, 11.53]
A black man invented the light bulb	Panel 1 (Lucid)	w2	yes	0.75 (4.41) [-7.92, 9.43]
A black man invented the light bulb	Panel 1 (Lucid)	ratio	yes	0.22 (1.19) [-2.13, 2.57]
Antifa start West Coast wildfires	Panel 1 (Lucid)	w1	yes	-2.19 (3.38) [-8.84, 4.47]
Antifa start West Coast wildfires	Panel 1 (Lucid)	w2	yes	-0.79 (3.48) [-7.65, 6.07]
Antifa start West Coast wildfires	Panel 1 (Lucid)	ratio	yes	0.36 (1.49) [-2.58, 3.30]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	w1	yes	1.90 (4.46) [-6.90, 10.69]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	w2	yes	-1.55 (4.43) [-10.27, 7.17]
SARS-CoV-2 man made virus created in the lab	Panel 1 (Lucid)	ratio	yes	-0.82 (3.83) [-8.35, 6.72]
Meta-analysis	Meta-analysis	w1	yes	-6.29 (1.43)* [-9.08, -3.49]
Meta-analysis	Meta-analysis	w2	yes	-2.95 (1.34)* [-5.58, -0.31]
Meta-analysis	Meta-analysis	ratio	yes	0.49 (0.11)* [0.27, 0.71]

Table 6: Persistence to Time 3: Unadjusted Estimates

Topic	Panel	Wave	Covariates?	Average Effect of Correction versus Control
Presidential winner must be announced election night	Panel 6 (MTurk)	w1	no	-10.59 (4.33)* [-19.11, -2.07]
Presidential winner must be announced election night	Panel 6 (MTurk)	ratio	no	-0.37 (0.53) [-1.42, 0.68]
Presidential winner must be announced election night	Panel 6 (MTurk)		no	3.93 (4.45) [-4.83, 12.70]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w1	no	-10.74 (4.04)* [-18.68, -2.80]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	ratio	no	0.06 (0.37) [-0.68, 0.80]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)		no	-0.64 (4.16) [-8.84, 7.55]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w1	no	-29.16 (3.85)* [-36.73, -21.59]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	ratio	no	0.95 (0.11)* [0.74, 1.16]
Trump said 'Good' to children's separation	Panel 6 (MTurk)		no	-27.59 (4.05)* [-35.56, -19.63]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w1	no	-1.17 (2.16) [-5.41, 3.08]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	ratio	no	1.70 (2.16) [-2.53, 5.94]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)		no	-1.99 (2.25) [-6.41, 2.44]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w1	no	-6.66 (2.37)* [-11.32, -2.00]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	ratio	no	0.30 (0.30) [-0.29, 0.90]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)		no	-2.02 (2.48) [-6.89, 2.85]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w1	no	-15.26 (2.33)* [-19.84, -10.68]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	ratio	no	0.30 (0.14)* [0.02, 0.57]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)		no	-4.51 (2.52) [-9.47, 0.44]
Meta-analysis	Meta-analysis	w1	no	-12.02 (3.87)* [-19.62, -4.43]
Meta-analysis	Meta-analysis	ratio	no	0.39 (0.21) [-0.02, 0.80]
Meta-analysis	Meta-analysis		no	-5.40 (4.38) [-13.99, 3.20]

Table 7: Persistence to Time 3: Adjusted Estimates

Topic	Panel	Wave	Covariates?	Average Effect of Correction versus Control
Presidential winner must be announced election night	Panel 6 (MTurk)	w1	yes	3.81 (3.63) [-3.32, 10.95]
Presidential winner must be announced election night	Panel 6 (MTurk)	ratio	yes	0.33 (0.33) [-0.32, 0.98]
Presidential winner must be announced election night	Panel 6 (MTurk)		yes	-3.25 (3.61) [-10.36, 3.86]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	w1	yes	1.53 (3.35) [-5.06, 8.11]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)	ratio	yes	0.12 (0.31) [-0.50, 0.73]
Sen Coon's daughter's photo on Hunter Biden's laptop	Panel 6 (MTurk)		yes	-1.17 (3.35) [-7.76, 5.42]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	w1	yes	-22.81 (3.63)* [-29.95, -15.67]
Trump said 'Good' to children's separation	Panel 6 (MTurk)	ratio	yes	0.99 (0.12)* [0.76, 1.22]
Trump said 'Good' to children's separation	Panel 6 (MTurk)		yes	-24.92 (3.73)* [-32.26, -17.57]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	w1	yes	-1.79 (1.83) [-5.38, 1.79]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)	ratio	yes	0.27 (1.50) [-2.68, 3.22]
Hunter Biden's laptop had photos torturing children	Panel 4 (MTurk)		yes	-0.28 (1.83) [-3.88, 3.32]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	w1	yes	-3.35 (2.26) [-7.79, 1.09]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)	ratio	yes	0.06 (0.28) [-0.49, 0.61]
Trump chose Judge Barrett on basis of looks	Panel 4 (MTurk)		yes	-0.47 (2.31) [-5.01, 4.08]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	w1	yes	-4.17 (2.27) [-8.61, 0.28]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)	ratio	yes	0.38 (0.13)* [0.11, 0.64]
WHO: children to be vaccinated without parents' consent	Panel 4 (MTurk)		yes	-5.59 (2.24)* [-9.99, -1.18]
Meta-analysis	Meta-analysis	w1	yes	-4.36 (3.67) [-11.55, 2.82]
Meta-analysis	Meta-analysis	ratio	yes	0.43 (0.19)* [0.06, 0.79]
Meta-analysis	Meta-analysis		yes	-5.70 (3.71) [-12.96, 1.57]

7 Additional tables and figures

Table 8: Misinformation Traffic/Engagement

Misinfo Item	Party-Congenial	Reactions	Comments	Shares	Views	Total engagements (not including views)
Antifa/Wildfires	R	78	183	642		903
Antifa/Wildfires	R	46	88	609		743
Wuhan/Tucker	R	1000	143	2,600		3,743
Wuhan/Tucker	R	50,000	8900	58000	846000	116,900
Biden/Wire	R	1700	1700	15000		18400
Biden/Wire	R	33	7	219		259
ACB/Homophobic	D	188	82	524		794
ACB/Homophobic	D	109	88	674		871
Trump/DNA	D	73	19	244		336
Hunter/Computer	R	94	18	899		1011
Hunter/Computer	R	340	583	1900		2823
ACB/Looks	D	54	19	894		967
WHO/COVID	R	955	409	989		2353
Biden/SealTeam6	R	21	19	550		590
Hunter/Coons	R	127	64	1300		1491
Trump/Good	D	4500	452	1400		6352
Voting/WISC	R	99	33	323		455
Voting/Sharpies	R	28000	248	127000		155248

In Table 8, we present available traffic/engagement data on the underlying sources of misinformation mentioned in the tested PolitiFact fact-checks. Some fact-checks contained links to multiple misinformation items. Traffic/engagement data was gleaned from CrowdTangle or, when available, an archived version of the original misinformation item.

Table 9: Further heterogeneity investigation

Covariate	Adjusted r-squared
Partisanship	.104
Conscientiousness	.082
Political Knowledge	.080
Agreeableness	.076
Cognitive Reflection Test	.069
Openness	.052
Emotional Stability	.040
Political Interest	.039
Need for Cognition	.039
Extraversion	.035

To further investigate heterogeneity, across our 21 experiments, we interacted each conditional indicator with each pre-treatment covariate in separate linear models, resulting in 210 separate linear models. Table 9 displays the mean-adjusted r-squared by covariate type.
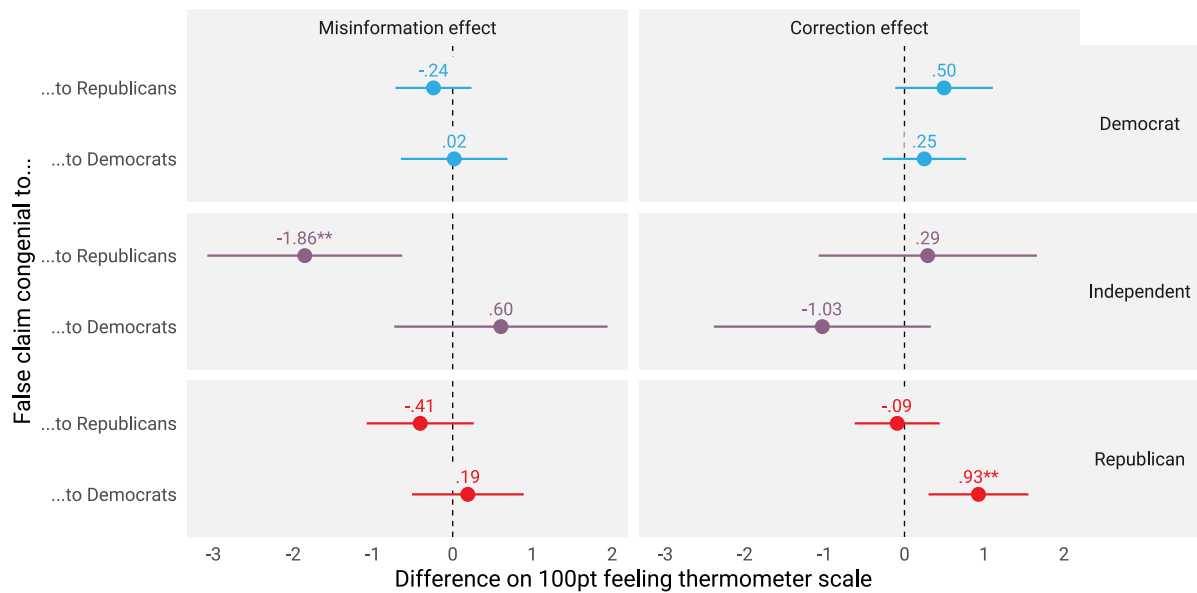
Figure 9: Attitude effects and partisan-congeniality

Figure 9 reports meta-analytic estimates of correction and misinformation effects, accounting for the 22 different political figures and groups for whom we observed attitudinal outcomes, grouped by respondent partisanship and the partisan-congeniality of the tested false claims.

8 Outcomes

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

A Black man invented the light bulb, not a white guy named Edison.

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

'Most of the wildfires on the West Coast are all being started by Antifa.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

'COVID-19 SARS-CoV-2 virus, actually is not from nature. It is a man-made virus created in the lab.

Thermometers

We would like to get your feelings toward some groups, leaders, and institutions who are in the news these days using something we call the feeling thermometer. Ratings between 50 degrees and 100 degrees mean that you feel favorable and warm toward the group, leader, or institution. Ratings between 0 degrees and 50 degrees mean that you don't feel favorable toward them and that you don't care too much for them. You would rate them at the 50 degree mark if you don't feel particularly warm or cold toward them. If we come to a group, leader, or institution whose name you don't recognize, you don't need to rate them.

-Joe Biden

-Donald Trump

-Antifa

-Scientists

Panel 2

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

'Joe Biden was wearing a wire during the first presidential debate.

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

'When President Donald Trump walked across Lafayette Square to a church, he held the Bible upside down.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

'If the president had done his job from the beginning, all the people who died from COVID would still be alive.

Thermometers

-Joe Biden

-Donald Trump

-Black Lives Matter protestors

-Anthony Fauci

-Politifact

Panel 3

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

Donald Trump said, "The doctors said they've never seen a body kill the coronavirus like my body. They tested my DNA and it wasn't DNA. It was USA."

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

Because of his failure to nominate candidates, President Barack Obama left Trump 128 vacant judgeships to fill.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

Judge Amy Coney Barrett, Donald Trump's nominee to the Supreme Court, has a history of making homophobic and racist statements."

Thermometers

-Joe Biden

-Donald Trump

-Anthony Fauci

-Amy Coney Barrett

-Politifact

-Black Lives Matter protestors

<u>Panel 4</u>

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

Donald Trump said he nominated Amy Coney Barrett to the Supreme Court because she "is much, much better looking than the women we have had."

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

The World Health Organization (WHO) says your child's presence in school counts as "informed consent" for vaccination - parental presence not required.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

Hunter Biden had pictures of him torturing and raping children under age 10 in China on his laptop.

Thermometers

-Joe Biden

-Donald Trump

-Hunter Biden

-Amy Coney Barrett

-PolitiFact

-The World Health Organization (WHO)

<u>Panel 5</u>

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

Kamala Harris tried to put pro-lifers in jail who exposed Planned Parenthood selling baby parts.

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

Joe Biden and Barack Obama directly participated in a plot to have Seal Team 6 murdered.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

Joe Biden has never made more than $400,000 in a year.

Thermometers

-Joe Biden

-Donald Trump

-Kamala Harris

-Barack Obama

-Politifact

Panel 6

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

By law, the winner of the Presidential election must be declared on Election Night (November 3).

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

The daughter of Sen. Coons (D-DE), along with 7 other underaged girls are featured on Hunter Biden's laptop.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

In the second presidential debate, after Joe Biden raised concerns that undocumented children may be permanently separated from their parents, Donald Trump replied "Good."

Thermometers

-Joe Biden

-Donald Trump

-Hunter Biden

-PolitiFact

-Chris Coons

Panel 7

Factual Outcome 1

To the best of your knowledge, how accurate is this statement?

Wisconsin has more votes than people who are registered to vote.

Factual Outcome 2

To the best of your knowledge, how accurate is this statement?

Voters in Maricopa County, Arizona, were forced to vote using Sharpie pens that aren't read by

voting machines.

Factual Outcome 3

To the best of your knowledge, how accurate is this statement?

USPS failed to deliver 27% of mail-in ballots in South Florida.

Thermometers

-Joe Biden

-Donald Trump

-The U.S. postal service

-Politifact

Pre-Treatment Questions

Common Items Across Samples

In what state do you currently reside?

[drop-down menu with 51 choices]

Do you approve or disapprove of the way Donald Trump is handling his job? -Strongly approve

-Somewhat approve

-Somewhat disapprove

-Strongly disapprove

Generally, how interested are you in politics?

-Extremely interested

-Very interested

-Somewhat interested

-Not very interested

-Not at all interested

Attention Check Across Samples

People are very busy these days and many do not have time to follow what goes on in the government. We are testing whether people read questions. To show that you've read this much, answer both "extremely interested" and "very interested."

-Extremely interested

-Very interested

-Moderately interested

-Slightly interested

-Not interested at all

Media Diet

How often in the past week have you gotten political or election information from the following sources? (This includes any way you get the sources.)

-National network TV news like ABC, CBS, or NBC

-Daily print newspapers

-Online news websites like Yahoo news or Google news

-Local TV news

-Facebook

-Instagram

-Twitter

-FOX News cable channel

-MSNBC

-CNN

-Talk radio programs like Sean Hannity or Rush Limbaugh

-Public radio/NPR

-Friends and family

-YouTube

[Never / Once / Several times / Every day]

Media Confidence

In general, how much trust and confidence do you have in the news media when it comes to

reporting the news fully, accurately and fairly?

-A great deal

-A fair amount

-Not very much

-None at all

Fact-Checking Exposure

Many news organizations issue "fact checks" in which they investigate whether an important

news item is true or false. About how often would you say you encounter fact checks? -Never

-Sometimes

-Frequently

Political Knowledge

For how many years is a United States Senator elected - that is, how many years are there in

one full term of office for a U.S. Senator?

-Two years

-Four years

-Six years

-Eight years

-None of these

-Don't know

How many times can an individual be elected President of the United States under current laws?

-Once

-Twice

-Four times

-Unlimited number of terms

-Don't know

Who is currently the Prime Minister of the United Kingdom?

-Richard Branson

-Boris Johnson

-David Cameron

-Theresa May

-Margaret Thatcher

-Don't know

Cognitive Reflection Test

A bat and a ball cost $1.10 in total. The bat costs $1.00 more than the ball. How much does the

ball cost, in cents?

[text box]

If it takes 5 machines 5 minutes to make 5 widgets, how long would it take 100 machines to make 100 widgets, in minutes?

[text box]

In a lake, there is a patch of lily pads. Every day, the patch doubles in size. If it takes 48 days for the patch to cover the entire lake, how long would it take for the patch to cover half of the lake, in days?

[text box]

Need for Cognition

For each of the statements below, please indicate to what extent the statement is characteristic of you.

-I would prefer complex to simple problems.

-I like to have the responsibility of handling a situation that requires a lot of thinking.

Thinking is not my idea of fun.

-I would rather do something that requires little thought than something that is sure to challenge my thinking abilities.

-I really enjoy a task that involves coming up with new solutions to problems.

-I would prefer a task that is intellectual, difficult, and important to one that is somewhat important but does not require much thought.

[Extremely uncharacteristic / Somewhat uncharacteristic / Uncertain/ Somewhat characteristic / Extremely characteristic]

Ten-Item Personality Inventory

Here are a number of personality traits that may or may not apply to you. Please indicate the extent to which you agree or disagree with that statement. You should rate the extent to which the pair of traits applies to you, even if one characteristic applies more strongly than the other.

-Extraverted, enthusiastic

-Critical, quarrelsome

-Dependable, self-disciplined

-Anxious, easily upset

-Open to new experiences, complex

-Reserved, quiet

-Sympathetic, warm

-Disorganized, careless

-Calm, emotionally stable

-Conventional, uncreative

[Disagree strongly / Disagree moderately / Disagree a little / Neither agree nor disagree / Agree a little / Agree moderately / Agree strongly]

9 Treatments

Treatments: false claims and attendant fact check by panel

PANEL 1

A Black man invented the light bulb, not a white guy named Edison.

Please read a brief description of a recent town hall event with Joe Biden on the following page.

RealClear Politics

Polls   Election 2020   Video

←Back to Videos

Joe Biden: Why Don't We Teach History? "A Black Man Invented The Lightbulb, Not A White Guy Named Edison"

Posted By Tim Hains
On Date September 3, 2020

During a town hall with residents of Kenosha, Wisconsin in the wake of riots in response to a police shooting last week, former Vice President Biden wondered why schools don't teach history in history class anymore.

"I cannot guarantee everything gets solved in four years, but I guarantee you one thing, it will be a whole heck of a lot better," he promised about his planned presidency.

"We will move a lot further down the road," he urged, citing for example: "Why in God's name don't we teach history in history classes? A black man invented the light bulb. not a white guy named Edison. Okay? There's so much. Did anybody know?"

Joe Biden

stated on September 3, 2020 in a community meeting:

"A Black man invented the light bulb, not a white guy named Edison."

MOSTLY FALSE
POLITIFACT
TRUTH-O-METER

Making point on overlooked Black history, Biden misses mark on the inventor of the light bulb

by Eric Litke, September 4, 2020

IF YOUR TIME IS SHORT:

Biden is referring to Lewis Latimer, an inventor from the same time as Thomas Edison.

Edison is widely credited with inventing the lightbulb, but he built on the work of many others in developing a practical version of an incandescent filament in a vacuum chamber.

Latimer built further on that work by inventing a superior filament, which he patented a year after Edison's bulb.

So both played a role, but Latimer's role was lesser and later.

Race was a key issue in Democratic presidential nominee Joe Biden's first campaign stop in Wisconsin on Sept. 3, 2020.

He participated in a community meeting at a Kenosha church where many speakers addressed challenges and inequities faced by people of color.

It was there Biden made one particularly eyebrow-raising claim, accusing schools of teaching inaccurate history.

"Why in God's name don't we teach history in history classes?" said a facemask-wearing Biden, leaning in toward one attendee to emphasize his point. "A Black man invented the light bulb, not a white guy named Edison, OK?"

Biden went on to say, "There's so much, did anybody know before what recently happened, that Black Wall Street in Oklahoma was burned to the ground? Anybody know these things? ... We don't teach them. We've got to give people facts."

Thomas Edison, of course, is widely acknowledged as the inventor of the lightbulb — among many other things.

Is Biden right that someone else should get the credit?

The road to the modern incandescent bulb was a meandering one, with many inventors contributing over a period of decades. In 1878, English physicist Sir Joseph Wilson Swan developed a carbon-filament bulb, and in 1879, Thomas Edison developed his carbon-filament bulb, enclosed in a superior vacuum to extend the life of the filament. Both of these inventors were white.

So who is Biden referring to? A spokesman said Biden was referencing Lewis Latimer, a prolific inventor who worked with both Edison and Alexander Graham Bell (credited with inventing the telephone).

Latimer did indeed play a key role in the spread of electric lighting. He was a member of the elite "Edison's Pioneers" research team and wrote the first book in the United States on electric lighting in 1890. Most notably for the question at hand, Latimer developed a filament that lasted longer than those developed by Edison and others, making the widespread use of electric lighting more feasible.

Our ruling:
Speaking in Kenosha, Biden said, "A Black man invented the light bulb, not a white guy named Edison."

Biden greatly exaggerates in his example by minimizing Edison to credit only Latimer. All the evidence we've reviewed shows Latimer played a lesser role than Edison, and later in the process.

Most of the wildfires on the West Coast are all being started by Antifa.

Please read the following Facebook post describing the cause of the recent Oregon wildfires.

Facebook posts

stated on September 9, 2020 in a series of images:

Most of the wildfires on the West Coast are "all being started by antifa."

Antifa activists did not start the West Coast wildfires

by Daniel Funke, September 19, 2020

IF YOUR TIME IS SHORT:

A combination of drought, historic heat, lightning storms and heavy winds are thought to have contributed to more than 90 wildfires that have burned thousands of square miles across the West Coast.

Antifa stands for "anti-fascist." It's a loose, broad coalition of left-wing activists. There is no evidence that antifa supporters set wildfires in California, Oregon and Washington.

Police and fire officials have dispelled rumors about antifa, and while investigations are still ongoing, many of the wildfires appear to have been sparked accidentally.

At least seven people have died in wildfires that are ravaging the West Coast. More than 90 major fires have burned thousands of square miles, and smoke has obscured sunlight in several large areas — including the San Francisco Bay Area.

A combination of drought, historic heat, lightning storms and heavy winds are thought to have contributed to the destruction, which comes in the middle of the Western United States' wildfire season. But social media users have an alternative explanation.

"Multiple sources in Emergency Response have confirmed that the fires along the West Coast are caused by dozens of arsonists," tweeted Katie Daviscourt, a representative for Turning Point USA, a conservative advocacy group with a history of spreading misinformation. "These fires are allegedly linked to Antifa and the Riots."

Is there some evidence that these left-wing activists are responsible for the wildfires ravaging the West Coast?

No. Officials have dispelled the rumors, and while investigations are still ongoing, many of the fires appear to have been sparked accidentally.

First, antifa stands for "anti-fascist." It is not a singular group, but rather a broad coalition of activists — including communists, anarchists and socialists — that's been around for decades.

Police in Oregon have debunked rumors about antifa arsonists,
"Rumors spread just like wildfire and now our 9-1-1 dispatchers and professional staff are being overrun with requests for information and inquiries on an UNTRUE rumor that 6 Antifa members have been arrested for setting fires in DOUGLAS COUNTY, OREGON," wrote the Douglas County, Ore., Sheriff's Office on Facebook Sept. 10. "THIS IS NOT TRUE!"

"I've talked to a lot of emergency, fire, and law enforcement personnel in Oregon over the past two days," wrote Lincoln Graves, a reporter and anchor for KATU in Portland, in a Sept. 9 Facebook post. "No one thinks Antifa is going deep into the forest to start fires on selectively windy days."

Our ruling:
The Facebook post is inaccurate. We rate it False.

40

COVID-19 SARS-CoV-2 virus, actually is not from nature. It is a man-made virus created in the lab.

Please read the following article about a recent guest's appearance on a cable news program.

FOX NEWS FLASH · Published 3 hours ago

Chinese virologist: China's government 'intentionally' released COVID-19

'I work[ed] in the WHO reference lab which is the top coronavirus lab in the world'

By Sam Dorman | Fox News

Virologist whistleblower says COVID-19 was intentionally created in Chinese lab
Dr. Li-Meng Yan joins Tucker Carlson with insight on 'Tucker Carlson Tonight.'

The Chinese government intentionally manufactured and released the COVID-19 virus that led to mass shutdowns and deaths across the world, a top virologist and whistleblower told Fox News host Tucker Carlson Tuesday.

Carlson specifically asked Dr. Li-Meng Yan whether she believed the Chinese communist party released the virus "on purpose."

"Yes, of course, it's intentionally," she responded on "Tucker Carlson Tonight."

Yan said more evidence would be released but pointed to her own high-ranking position at a World Health Organization reference lab as a reason to trust her allegation.

"I work[ed] in the WHO reference lab which is the top coronavirus lab in the world, in the University of Hong Kong. And the thing is, I get deeply into such investigation in secret from the early beginning of this outbreak. I had my intelligence because I also get my own unit network in China, involved in the hospital... also I work with the top corona virologist in the world," she said.

"So, together with my experience, I can tell you, this is created in the lab... and also, it is spread to the world to make such damage."

Li-Ming Yan

stated on September 15, 2020 in an interview on "Tucker Carlson Tonight":

"This virus, COVID-19 SARS-CoV-2 virus, actually is not from nature. It is a man-made virus created in the lab."

Tucker Carlson guest airs debunked conspiracy theory that COVID-19 was created in a lab

by Daniel Funke, September 16, 2020

IF YOUR TIME IS SHORT:

Scientists say the coronavirus emerged from bats and later jumped to humans.

The genetic structure of the novel coronavirus rules out laboratory manipulation. Public health authorities have repeatedly said the coronavirus was not derived from a lab.

In a Sept. 15 interview, the most-watched program on cable network television aired a conspiracy theory that has been debunked since the beginning of the coronavirus pandemic.

"Give us, for a non-scientific audience, a summary of why you believe this virus came from a lab in Wuhan," said Fox News host Tucker Carlson during his self-titled primetime show.

Dr. Li-Meng Yan wasted no time.

"I can present solid scientific evidence to our audience that this virus, COVID-19 SARS-CoV-2 virus, actually is not from nature," she said. "It is a man-made virus created in the lab."

Over the next six-and-a-half minutes, Yan, a virologist and former postdoctoral fellow at the University of Hong Kong, explained that the Chinese government created the coronavirus in a Wuhan lab and released it intentionally. The virus' genome, she said, indicates that it was modified. She accused the Chinese Communist Party of silencing those who claim otherwise.

"It's hard to be shocked in a moment like this, but you have succeeded in shocking me," Carlson said at the end of the interview. "Unfortunately, this is not the forum for the details of your research; I don't have the grounding necessary to ask you the right questions."

Scientists do. The consensus of the scientific community and international public health organizations is that the coronavirus emerged from bats and later jumped to humans.

But how do we know Yan's claims about the coronavirus are wrong — and where do they come from? Let's review the facts.

Scientists worldwide have publicly shared the genetic makeup of the coronavirus thousands of times. If the virus had been altered, there would be evidence in its genome data.

But there isn't. In March, several microbiology, infectious disease and evolutionary biology experts wrote in Nature — a respected scientific journal — that the genetic makeup of the coronavirus does not indicate it was altered.

Instead, scientists have two plausible explanations for the origin of the virus: natural selection in an animal host, or natural selection in humans after the virus jumped from animals

"Our analyses clearly show that SARS-CoV-2 is not a laboratory construct or a purposefully manipulated virus," the researchers wrote.

Since that article was published, public health authorities have repeatedly said the coronavirus was not derived from a lab.

Our ruling:

During an interview on Fox News, Yan said the coronavirus "is a man-made virus created in the lab."

The genetic structure of the novel coronavirus, which has been shared by thousands of scientists worldwide, rules out the possibility that it was manipulated in a lab. Public health authorities have repeatedly said the virus was not created in a lab. Scientists believe the coronavirus originated in bats before jumping to humans. Experts have publicly rebuked Yan's paper, and it's unclear whether it was peer reviewed.

The claim is inaccurate and ridiculous. We rate it Pants on Fire!

PANEL 2

Joe Biden was wearing a wire during the first presidential debate.

Please read the following Facebook post with an image from the recent presidential debate between Joe Biden and Donald Trump.

Jay Ashurst
11 hrs · 🌐

Look what i found... Biden has a wire

👍😲😡 1.7K   1.7K Comments 15K Shares

↪ Share

Says Joe Biden was "wearing a wire" during the first presidential debate.

Biden did not wear a wire during the first presidential debate.

by Eric Litke, September 4, 2020

IF YOUR TIME IS SHORT:

A widely shared video on Facebook claims to show former Vice President Joe Biden wearing a wire during the first presidential debate. In fact, it shows a crease in his shirt.

The post was widely shared in conspiratorial groups and is the latest example of misinformation about presidential candidates getting help during debates.

In the shaky video, Joe Biden adjusts his dress shirt. After he straightens the collar of his blazer, a thin shadow appears.

"There it is," a narrator says in the clip shared thousands of times on Facebook. "Biden's wearing a wire. Why do you need a wire, bro?"

The video shows 13 seconds of the first presidential debate between Biden and President Donald Trump. It has spawned dozens of conspiracy theory posts on Facebook.

Did Biden get help during the debate? No — the posts are baseless, and other fact-checkers have debunked them. But they quickly took off on social media.

The video appears to have been posted around 9:45 p.m on Sept. 29. It was then shared in several Facebook groups dedicated to Trump and QAnon, a baseless conspiracy theory about child sex trafficking.

Biden was not wearing a wire during the debate — the video shows a crease in Biden's dress shirt, which is accentuated by the bright TV lights. Thin shadows similar to the one highlighted in the clip also appear on the left side of his shirt.

A higher quality video of the interaction in a video from C-SPAN shows exactly how Biden creates the crease after reaching under his blazer.

Even if the claim were true, Biden probably would not benefit much from wearing a wire during a debate, the Times noted. Listening to directions in his ear while also paying attention to the moderator and Trump would be challenging.

The Facebook post is inaccurate and ridiculous. We rate it Pants on Fire!

Donald Trump held the bible upside down during appearance in Lafayette Square

Please read the following news article about a recent town hall with Joe Biden

CNN politics 2020 Election Facts First Election 101

Election 2020: In town hall, Biden criticizes Trump for violence and holding Bible upside down

By Melissa Macaya, Kyle Blaine, Veronica Rocha and Fernando Alfonso III, CNN
Updated 8:54 AM ET, Fri September 18, 2020

CNN hosted a drive-in town hall with 2020 Democratic presidential nominee Joe Biden in Pennsylvania. It was Biden's first prime time town hall since accepting the nomination.

Biden expressed concerns about the state of the country, saying "I am worried that as long as the administration continues to preach hate and division, talking about people in ways they talk about it, that I am worried....A president stands out there when people are peacefully protesting in front of the White House. No, no violence whatsoever. But he gets the military to go in for tear gas."

He also brought up President Trump's handling of a photo-op on June 1 in Lafayette Square in Washington, DC. The Secret Service used pepper spray to disperse people protesting the death of George Floyd so that the President could take a picture in front of a local church. In the picture, President Trump held a Bible. Biden criticized the President for "[moving] people physically out of the way so he can walk across to a Protestant church and hold a Bible upside down. I wonder, has he ever opened it. Upside down and then goes back to a bunker in the White House? What are we talking about here? It is simply wrong to engage the military in dealing with domestic unrest as relates to violence as a consequence of people protesting."

Joe Biden

stated on September 17, 2020 in a CNN town hall:

When President Donald Trump walked across Lafayette Square to a church, he held the Bible upside down.

Joe Biden wrong about Donald Trump holding Bible upside-down

by Louis Jacobson, September 18, 2020

IF YOUR TIME IS SHORT:

Trump received backlash for his photo-op with a Bible in June, but one part of the criticism isn't supported by still images and video footage: Trump held the Bible right-side up during the whole event.

Democratic presidential nominee Joe Biden had many criticisms of President Donald Trump during a CNN town hall near Biden's hometown of Scranton, Pa. One of them revived an attack shared on social media earlier in the summer. Biden referenced Trump's walk from the White House to the historic St. John's Church on Lafayette Square. It came on June 1, when downtown Washington, D.C., was full of protesters following the death of George Floyd at the hands of Minneapolis police days earlier.

Critics mostly blasted Trump for using tear gas to clear nonviolent protesters just before his walk to the church for a photo-op. But some on social media took aim at how Trump held the Bible. For instance, novelist Stephen King tweeted, "Dear fundamentalist Christian Trump supporters: If Obama had held the Bible backwards and upside down, you would immediately have called him the Antichrist." The tweet attracted more than 164,000 likes.

At the CNN town hall, Biden said that forces physically moved people out of Trump's way "so he can walk across to a Protestant church and hold a Bible upside down." Biden has made the claim about the upside-down Bible before, even though fact-checkers had debunked it.

Trump himself has previously denied that he held the Bible upside down.

What does the evidence show? We scrutinized a series of images from the Associated Press as well as raw video from NBC News, and the truth is clear: Trump held the Bible right-side up. The Bible he held up had no writing on the front cover, so to viewers who couldn't see the spine, it may have looked like he was holding it upside down and backwards. But several AP images clearly show the spine right-side up. We also reviewed the video of the event and confirmed that Trump consistently held the Bible right-side up. In fact, at several points he appears to look down on it to make sure that he's holding it correctly.

Our ruling: We rate the statement Pants on Fire!

46

If the president had done his job from the beginning the people who died from COVID-19 would still be alive

Please read the following news article about a recent town hall with Joe Biden

abc NEWS   VIDEO   LIVE   SHOWS   2020 ELECTIONS

At town hall, Biden blasts Trump's 'criminal' virus response

Joe Biden is deriding President Donald Trump for his handling of COVID-19, calling his downplaying of the pandemic "criminal" and his administration "totally irresponsible."

By **ALEXANDRA JAFFE and WILL WEISSERT** Associated Press
September 18, 2020, 7:11 AM • 6 min read

At a CNN town hall in Moosic, PA, Joe Biden went after President Donald Trump again and again over his handling of COVID-19, calling Trump's downplaying of the pandemic "criminal" and his administration "totally irresponsible."

"You've got to level with the American people — shoot from the shoulder. There's not been a time they've not been able to step up. The president should step down," the Democratic presidential nominee said to applause.

Speaking about Trump's admission that he publicly played down the impact of the virus while aware of its severity, Biden declared: "He knew it and did nothing. It's close to criminal. If the president had done his job, had done his job from the beginning, all the people would still be alive," Biden said. "All the people. I'm not making this up. Just look at the data. Look at the data."

Joe Biden

stated on September 17, 2020 at a CNN town hall:

"If the president had done his job, had done his job from the beginning, all the people would still be alive. All the people. I'm not making this up. Just look at the data."

FALSE

POLITIFACT
TRUTH-O-METER™

Joe Biden wrongly claims Trump could've prevented every COVID-19 death

by Bill McCarthy, September 18, 2020

IF YOUR TIME IS SHORT:

Experts said Joe Biden's claim that a different pandemic response from President Donald Trump would have prevented every coronavirus death goes too far.

A more robust handling of the pandemic would likely have seen the country's death count significantly reduced, but not to zero, experts said.

Even countries that have found relative success managing the coronavirus — such as South Korea and New Zealand — have seen some deaths.

Speaking about the coronavirus during a CNN town hall less than two months away from Election Day, former Vice President Joe Biden said every one of the nearly 200,000 COVID-19 deaths recorded in the U.S. can be laid at President Donald Trump's feet. "If the president had done his job, had done his job from the beginning, all the people would still be alive," Biden said at the CNN town hall in Moosic, Pa. "All the people. I'm not making this up. Just look at the data. Look at the data."

The Democratic presidential nominee's remark came as Trump faces criticism for downplaying the threat of the coronavirus early on and admitting on tape that he did so. The U.S. leads the world in confirmed COVID-19 cases and deaths, and experts say a fall surge in cases could put fatalities at more than double their current number by the year's end.

A more robust handling of the pandemic would likely have seen the country's death count significantly reduced, experts said. But Biden's claim that a different response from Trump would have prevented every coronavirus death goes too far.

"I think it's impossible to say every life could have been saved," said Amesh Adalja, a senior scholar at the Johns Hopkins University Center for Health Security. Keeping COVID-19 at zero deaths would have been a difficult achievement "regardless of who is in charge," said Brooke Nichols, an assistant professor of global health at Boston University. "If we had developed testing capacity as soon as we knew of the pathogen, and could rapidly test every one arriving from abroad, then I suppose it's theoretically possible, but unlikely," Nichols said.

Even countries that have found relative success managing the coronavirus — such as South Korea and New Zealand — have seen some deaths. Experts said that faster, more robust measures taken by the federal government could have put the U.S. on par with those countries and others that responded similarly. The right actions in January, February and March would likely have prevented "a substantial number" of deaths, Adalja said, and could have put the U.S. on "a trajectory more like Taiwan," which has recorded just 503 confirmed cases and seven deaths, according to Johns Hopkins University. Those actions might have included a national coordinated strategy across state lines, rapidly scaled up testing, the ramped up production and mobilization of resources, and more clear communications of what was known about the virus and how to prevent it, experts said.

"Obviously, you could logically say that if you had a process that was ongoing and you started mitigation earlier, you could have saved lives," Dr. Anthony Fauci, the nation's top infectious disease expert, told CNN in April. "Obviously, no one is going to deny that."

Our ruling

Biden said, "If the president had done his job, had done his job from the beginning, all the people would still be alive. All the people. I'm not making this up. Just look at the data."

Experts disagreed with that assessment. A stronger U.S. response could have saved many lives, experts said, but not every one.

We rate this statement False.

PANEL 3

Donald Trump said, "The doctors said they've never seen a body kill the coronavirus like my body. They tested my DNA and it wasn't DNA. It was USA."

Please read the following Facebook post with an image which purports to be from a recent broadcast.

Viral Image

stated on October 6, 2020 in a Facebook post:

Says Donald Trump said, "The doctors said they've never seen a body kill the coronavirus like my body. They tested my DNA and it wasn't DNA. It was USA."

Trump was triumphant after leaving the hospital, but he didn't say this about COVID-19

by Ciara O'Rourke, October 7, 2020

IF YOUR TIME IS SHORT:

There's no evidence Donald Trump said this.

President Donald Trump isn't afraid of hyperbole. But if a recent statement attributed to the president sounds like something you'd hear from actor Alec Baldwin as he impersonates Trump on "Saturday Night Live," that's because it's a fake quote. "The doctors said they've never seen a body kill the coronavirus like my body," reads the text over an image of Trump speaking.

"They tested my DNA and it wasn't DNA. It was USA." Searching for the quote on Google we only found two pages of results, none of them credible sources to support that Trump said this.

Trump did appear triumphant after he left Walter Reed National Military Medical Center, where he had been receiving treatment for COVID-19, removing his mask as he stood on the balcony after returning to the White House. He tweeted that he felt "better than I did 20 years ago!" "Feeling really good!" he tweeted. "Don't be afraid of Covid. Don't let it dominate your life."

But there's no evidence he said doctors found "USA" instead of DNA in his cells. Trump has not said "DNA" since Jan. 6, 2020, while chatting with Rush Limbaugh, according to Factba.se, which maintains an archive of Trump's tweets and transcripts of his interviews and speeches. We rate this post Pants on Fire.

Because of his failure to nominate candidates, President Barack Obama left Trump 128 vacant judgeships to fill.

Please read the following transcript from the first 2020 presidential debate, between Donald Trump and Joe Biden.

President Donald J. Trump: (45:05)
When you leave office, you don't leave any judges. That's like, you just don't do that. They left 128 openings and if I were a member of his party, because they have a little different philosophy, I'd say, if you left us 128 openings you can't be a good president. You can't be a good vice president but I want to thank you because it gives us almost, it'll probably be above that number. By the end of this term, 300 judges. It's a record.

Donald Trump

stated on September 29, 2020 in the first 2020 presidential debate:

President Barack Obama and Vice President Joe Biden "left me 128 judges to fill. You just don't do that."

MOSTLY FALSE
POLITIFACT
TRUTH-O-METER™

Fact-check: Why Barack Obama failed to fill over 100 judgeships

by Jon Greenberg, October 2, 2020

IF YOUR TIME IS SHORT.

Obama left 105 empty federal judgeships when he left office.

Republicans slowed down Democratic nominees during Obama's first term.

They virtually shut the process down in Obama's final two years.

President Donald Trump often celebrates the large number of judicial appointments he's been able to make. Federal judges are lifelong appointments, and filling the district and circuit courts leaves a legacy that lasts well beyond any presidency. In the first debate, Trump faulted President Barack Obama for giving him a golden opportunity. "I'll have so many judges because President Obama and (Biden) left me 128 judges to fill," Trump said Sept. 29. "You just don't do that."

While Trump inflates the number, the bigger question is did Obama, and by extension Joe Biden, drop the ball on judicial appointments? There's broad agreement that their problem was not a lack of trying, but the power of a Republican Senate to bottle up their nominees.

"Scholars have referred to Majority Leader Mitch McConnell's actions during this time as a blockade of judicial appointments," said Michigan State political scientist Ian Ostrander. "Very few judicial nominations were successful during the 114th Congress," Republicans won control of the Senate in 2014. From that point on, the numbers show how hard it was for Obama to seat the people he put forward.

Our ruling Trump said Obama did something wrong by leaving him 128 judgeships to fill. The actual number is 105, but the bigger flaw in Trump's narrative is that it ignores the successful effort of Republicans to block the people Obama put forward. That effort was somewhat effective in Obama's first term, and became a nearly impenetrable barrier during Obama's last two years. We rate this claim **Mostly False.**

52

Judge Amy Coney Barrett, Donald Trump's nominee to the Supreme Court, has a history of making homophobic and racist statements.

Please read the following Facebook post about Judge Amy Coney Barrett.

Michael Malek
21 September at 21:12 ·

Amy Barret said gays have a right to be discriminated against because they are against Gods wishes and won't be allowed. Heaven

POLITIFACT

The Poynter Institute

POLITIFACT

The Poynter Institute

Facebook posts

stated on September 22, 2020 in a Facebook post:

Says Judge Amy Coney Barrett said that "gays have a right to be discriminated against because they are against God's wishes" and that "white people are God's chosen ones."

FALSE

POLITIFACT
TRUTH-O-METER™
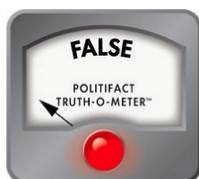
What social media posts get wrong about Amy Coney Barrett's religious beliefs

by Noah Y. Kim, September 25, 2020

IF YOUR TIME IS SHORT:

Social media posts saying that Barrett has made homophobic and racist statements are fabricated. She never said or wrote the statements.

A few days before Judge Amy Coney Barrett met with President Trump at the White House, posts on Facebook mischaracterized her religious convictions and claimed she has made racist and homophobic statements. Barrett, a Catholic conservative judge on the Seventh Circuit Court of Appeal in Chicago, is on the shortlist of names that Trump could nominate for the Supreme Court. The seat opened when Justice Ruth Bader Ginsburg died on Sept. 18.

Some claims on Facebook offered false takes on her record. "Amy Barret said gays have a right to be discriminated against because they are against Gods wishes and won't be allowed. Heaven," one Facebook user wrote, misspelling her last name and omitting punctuation. "Amy Barret says white people are Gods chosen ones. Minorities must submit to them and that's Gods plan. Obedience," reads another post from the same user.

To be clear: Barrett never said either of these things. These Facebook posts were flagged as part of Facebook's efforts to combat false news and misinformation on its News Feed. Our ruling Facebook posts claim that Barrett said that "gays have a right to be discriminated against because they are against Gods wishes" and that "white people are Gods chosen ones." Barrett has never said anything along these lines. We rate these posts **False.**

PANEL 4

Donald Trump said he nominated Amy Coney Barrett to the Supreme Court because she"is much, much better looking than the women we have had."

Please read the following Facebook post.

> **Ralph Eric Shively**
> 6 hrs · 🌐
>
> ▪️ll AT&T 🛜   4:57 PM   78% ⬛
>
> REPORTERS: Mr. President? Can you tell us your biggest reason for the choice of Amy Barrett?
> TRUMP: "Well, you know you have to look at what we have had in the court. I think, I think it's important that they have a good image, they need a terrific image, so people will see they can, believe me. I'm not saying any names, but you look at those people, and they are not that nice, not nice to look at, not at all. I think Amy is much, much better looking than the women we have had.
> I think people know this, they know. If people are more attractive, they get a fantastic amount of respect, and we need to have that, we need that now.
> That I can tell you."
>
> 😠😮😲 54   19 Comments   894 Shares
>
> ↪ Share

POLITIFACT
The Poynter Institute

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stated on October 13, 2020 in a Facebook post:

Says Donald Trump said he nominated Amy Coney Barrett to the Supreme Court because she "is much, much better looking than the women we have had."

No, Trump didn't say he nominated Amy Coney Barrett to the Supreme Court based on looks

by Ciara O'Rourke, October 13, 2020

IF YOUR TIME IS SHORT:

We found no evidence Donald Trump said this about his nominee for the Supreme Court, Amy Coney Barrett.

Trump has called her "one of our nation's most brilliant and gifted legal minds and said "she is a woman of unparalleled achievement, towering intellect, sterling credentials, and unyielding loyalty to the Constitution."

As senators questioned Amy Coney Barrett, assessing her fitness for the U.S. Supreme Court in a confirmation hearing on Oct. 13, a quote attributed to President Donald Trump started to spread on social media. It shows a purported exchange between "reporters" and Trump, who nominated Barrett to succeed the late Justice Ruth Bader Ginsburg on the court. We didn't find anything to support the claim that Trump said this.

Searching broadly online, we didn't find any sources corroborating the claim in the post — let alone credible sources. And searching Factba.se, which catalogs Trump's public comments, speeches, tweets and deleted tweets, we found nothing to support that the president said this. Announcing Barrett as his nominee for the Supreme Court on Sept. 26, Trump introduced her as "one of our nation's most brilliant and gifted legal minds."

"She is a woman of unparalleled achievement, towering intellect, sterling credentials, and unyielding loyalty to the Constitution," he said. He talked about her education, her work experience, her family, and her relationship with the late Justice Antonin Scalia. He didn't discuss her looks. The next day, he fielded questions from reporters during a press briefing. The exchange that appears in the Facebook post did not happen there.

We rate this post Pants on Fire!

The World Health Organization (WHO) says your child's presence in school counts as "informed consent" for vaccination - parental presence not required.

Please read the following Facebook post.

Facebook posts

stated on October 15, 2020 in a Facebook post:

"WHO now says your child's presence in school counts as 'informed consent' for vaccination - parental presence not required."

A child's presence at school doesn't automatically enroll them in a WHO vaccine program

by Noah Y. Kim October 19, 2020

IF YOUR TIME IS SHORT:

The WHO told us that a child's presence at school would only count as consent if a parent had already received advance notice of a planned immunization and been given the opportunity to opt out or take appropriate steps to express their desire to do so.

The World Health Organization doesn't have any legal ability to determine vaccine policy in the United States.

A Facebook post implies that sending your child to school will automatically enroll them in one of the World Health Organization's vaccination programs.

The post features an image of the WHO's logo. Text above the image reads, "BREAKING: WHO now says your child's presence in school counts as 'informed consent' for vaccination - parental presence not required."

The post doesn't provide any sources or supporting evidence. We found that it misleadingly describes the way in which the WHO defines informed consent. In addition, according to legal experts, the WHO has no power to determine public health policy in the United States or any other member country.

According to the WHO press office, the organization recommends that member countries instituting child vaccination programs receive consent from a parent or guardian through one of three different mechanisms: verbal, written, or implied.

The first two mechanisms are straightforward: Verbal consent means that a parent or guardian has accompanied their child to a vaccination and agreed to it in person. Written consent means that a parent or guardian has given their approval of the vaccination in writing.

The third mechanism, implied consent, is the most relevant to the claims of the post. According to the WHO, parents grant implied consent when they send their children to a vaccination session after being notified by health authorities that vaccinations will occur at that particular time and place.

For example, the WHO said in an email, "the presence of the child at school on the vaccination date may be taken as implied consent if the parents have been informed that the vaccination would take place and given the opportunity to opt out or take appropriate steps to express their desire to do so."

The WHO published a document describing the difference between written, verbal, and implied forms of consent in 2014. The document notes that there are problems with implied consent, and it encourages countries to adopt other consent mechanisms "that ensure that parents have been informed and agreed to the vaccination."

Something else to keep in mind as you see posts like these: The WHO does not control public health policy in the United States.

According to experts in global health law, the organization has no legal power in any of its member countries. The U.S. is still a member country of the WHO, although President Trump officially started the yearlong process to withdraw from the organization on Jul. 6, 2020.

"The WHO's legal structure cannot dictate what goes on on the ground in individual countries, or municipalities," said Teneille Brown, a professor of law and bioethics at the University of Utah S.J. Quinney College of Law.

We rate this post False.

Hunter Biden had pictures of him torturing and raping children under age 10 in China on his laptop.

Please read the following tweet.

Wayne Allyn Root
@RealWayneRoot

Follow

BREAKING NEWS. My sources- as high up as it gets- watched videos on Hunter's laptops TODAY. Just told me point blank...no rumor...they saw Hunter raping & torturing little Chinese children...Chinese govt has the same videos...Biden is compromised. Blackmailed. Can NEVER be Prez.

5:48 PM - 18 Oct 2020

31,168 Retweets 46,516 Likes

7.7K   31K   47K

Social media

stated on September 22, 2020 in social media posts:

Says "Hunter Biden had 25,000 pics of him torturing and raping children under age 10 in China on his laptop."

FALSE
POLITIFACT
TRUTH-O-METER™

Fact-checking unproven claims about Hunter Biden and child pornography
by Daniel Funke, October 20, 2020

IF YOUR TIME IS SHORT:

There is no evidence that a laptop previously belonging to Hunter Biden contains child pornography. The allegation originated on an anonymous internet forum that's a known source of online disinformation.

Two weeks until Election Day, social media is rife with attacks on Joe Biden's son Hunter Biden.

A New York Post story about a recovered computer hard drive led to attacks about the Biden son's business dealings. Facebook and cable news have gone further to suggest new and unsupported theories about what's on the hard drive.

One text post says, "Hunter Biden had 25,000 pics of him torturing and raping children under age 10 in China on his laptop!"

Claims like this were amplified by websites like Natural News and InfoWars. Facebook has long banned the sites for posting anti-vaccine misinformation and hate speech, but we found one InfoWars video on Facebook with more than 173,000 views. It claims Trump "has footage of Hunter Biden raping and torturing little girls."

These posts were flagged as part of Facebook's efforts to combat false news and misinformation on its News Feed. (Read more about our partnership with Facebook.) Similar posts have been shared tens of thousands of times, according to CrowdTangle, a social media insights tool.

We can't say for certain what is or isn't on a hard drive. But there is no evidence to support allegations that it contains thousands of images of Hunter Biden abusing children in China.

The unproven claim has roots on a fringe internet forum that's a known source of online disinformation, 4chan.

A tweet from Wayne Allyn Root, a conservative radio host who has pushed false claims about former President Barack Obama's birthplace and the identity of the 2017 Las Vegas shooter, claimed to have breaking news. "My sources-as high up as it gets- watched videos on Hunter's laptops TODAY. Just told me point blank...no rumor...they saw Hunter raping & torturing little Chinese children," he tweeted.

When asked in an email for evidence to support his claims aside from anonymous sources, Root did not provide any.

There's a lot we still don't know about the hard drive at the center of the New York Post coverage.

The story about Joe Biden and a Ukraine meeting relies on information from a computer hard drive that the tabloid said it received from Trump's personal lawyer, former New York Mayor Rudy Giuliani. The computer was supposedly left unclaimed at a Delaware computer shop, the owner of which called the FBI and a Giuliani associate after noticing a sticker for the Beau Biden Foundation on the laptop. The emails cited in the Post's article, which we are not able to verify, do not establish that a meeting between the elder Biden and a Ukrainian businessman ever occurred.

Nowhere in the Post's story is Hunter Biden linked to child pornography.

Remember these points as you see claims about the laptop and stories around it:

It's unclear if the name on the back of the subpoena actually belongs to Joshua Wilson, or if there's more than one FBI agent who goes by that name. It's also unconfirmed if the subpoena in the Post's story was for the laptop.

Federal investigators are looking into whether emails found on the laptop could be linked to a foreign intelligence operation to discredit Joe Biden. (More than 50 former intelligence officials told Politico they appear to be. Director of National Intelligence John Ratcliffe says they're not.)

Staffers at the Post expressed concerns about the story's credibility before it was published. Fox News passed on the story until the emails could be properly vetted.

The owner of the computer repair shop told reporters that, while he couldn't confirm it was Hunter Biden who dropped off the laptop because he is "legally blind," he also said he didn't see child pornography on the computer.

PANEL 5

Kamala Harris tried to put pro-lifers in jail who exposed Planned Parenthood selling baby parts.

Please read the following news story.

LifeNews.com

Kamala Harris Tried to Put Pro-Lifers in Jail Who Exposed Planned Parenthood Selling Baby Parts

NATIONAL   LIBERTY COUNSEL AUG 14, 2020 | 6:37PM WASHINGTON, DC

Five years ago, it was former California attorney general Kamala Harris (now senator and VP candidate) who launched the investigation into the work of Sandra Merritt and David Daleiden, the founder of the Center for Medical Progress, after these citizen journalists discovered and produced videos documenting Planned Parenthood's illegal trafficking of aborted baby body parts.

Under California law, conversations that "may be overheard" are, by definition, not "confidential" and can be recorded without consent. The recorded abortionists admitted under oath that their conversations with Merritt and Daleiden could be overheard by others in the public spaces where they were recorded, and they took no steps to prevent others from overhearing their candid discussion of what Planned Parenthood does behind closed doors. Therefore, the undercover videos produced by Merritt and Daleiden did not violate California video recording law.

But that did not stop Planned Parenthood and Harris from wielding a politically motivated prosecution against the two citizen journalists.

In 2015, the Center for Medical Progress began releasing the undercover videos of Planned Parenthood executives discussing selling aborted baby parts. This is the same year that the former attorney general received $81,215 in campaign donations from the abortion industry.

Planned Parenthood and Harris then unleashed a vicious two-front attack which included 15 criminal charges and a civil lawsuit seeking millions against these citizen journalists. As a result, Merritt and Daleiden became the first undercover journalists to be charged with a crime for undercover recordings made in the public interest in the history of California.

Facebook posts

stated on August 14, 2020 in a headline:

Kamala Harris Tried to Put Pro-Lifers in Jail Who Exposed Planned Parenthood Selling Baby Parts

FALSE

POLITIFACT
TRUTH-O-METER™

Social Media Posts Push False Claims About Kamala Harris And Planned Parenthood

by Chris Nichols, October 13 2020

IF YOUR TIME IS SHORT:

Popular Facebook posts claimed Kamala Harris tried to put "pro-lifers" in jail who "exposed Planned Parenthood selling baby parts."

Planned Parenthood denied the accusations. Staffers in unedited videos discussed covering costs for the legal donation of fetal tissue for medical research.

A dozen states investigated Planned Parenthood after edited videos released by anti-abortion activists accused it of illegally selling fetal tissue. No criminal findings were ever made for that activity.

While Harris was California attorney general, her agency investigated the anti-abortion activists. They were charged with violating state privacy laws after Harris left for the U.S. Senate.

Widely-shared Facebook posts claimed on Monday that Democratic vice presidential candidate and California Sen. Kamala Harris, during her time as state attorney general, prosecuted two pro-life "journalists" who "exposed" Planned Parenthood for "selling baby parts."

We found there's a major flaw in these posts: A dozen states investigated Planned Parenthood but never reached a criminal finding against the organization for tissue sales. Planned Parenthood has denied the accusations.

We also found the term "baby parts" is wrong and greatly misleading. Scientists use donated fetal tissue as a source of fetal cells. These cells have been used for research since the 1930s, and the government has funded such research since the 1950s, "when it was used to create one of the biggest medical advances of the 20th century: the polio vaccine," according to a recent NBC news report.

Popular social media posts claimed Democratic vice presidential nominee Kamala Harris failed to prosecute Planned Parenthood for "selling baby parts," and went after two "pro-life journalists" instead.

It's correct that Harris as California's attorney general never brought charges against Planned Parenthood for this activity. But it's also correct to say the accusations against the organization were unfounded.

A dozen states, many led by Republican governors, investigated the Planned Parenthood after edited videos were released by anti-abortion activists, allegedly showing staffers discussing fetal tissue sales. The full video shows staffers discussed covering the cost of legal fetal tissue donations for medical research. No criminal findings were ever made.

Harris was California attorney general when her office started investigating the activities of the anti-abortion activists. She had moved on to the U.S. Senate by the time charges were brought against them for violating state privacy laws.

In the end, we found these posts are misleading and their central premise is wrong: Planned Parenthood was never found to have "sold baby parts."

We rate the claims False.

62

Joe Biden and Barack Obama directly participated in a plot to have Seal Team 6 murdered. (Participants were randomly assigned to condition where shared by President Trump or not shared by President Trump)

Please read the following tweet, which was shared by President Donald Trump.

Donald J. Trump ✔
@realDonaldTrump

45th President of the United States of America🇺🇸

📍 Washington, DC 🔗 Instagram.com/realDonaldTrump
📅 Joined March 2009

50 Following   87.3M Followers

⟲ Donald J. Trump Retweeted

Oscar the Midnight Rider 1111   [Follow]
@The171111

Hiden Biden and Obama may have had Seal Team 6 killed! EXPLOSIVE: CIA Whistleblower Exposes Biden's Alleged Role with the Deaths of Seal Team- Claims to have Documented Proof. RETWEET!!!

EXPLOSIVE: CIA Whistleblower Exposes Biden's Alleged Role with the Death...
BREAKING: Full interview of a CIA Whistleblower, Allan Harrow Parrot interviewed by Charles Woods and Nicholas Noe, surfaced Sunday, where the three talk about ...
djhjmedia.com

8:52 AM - 12 Oct 2020

6,488 Retweets 10,173 Likes

💬 740   ⟲ 6.5K   ♡ 10K

Please read the following tweet.

Oscar the Midnight Rider 1111
@The171111

Follow

Hiden Biden and Obama may have had Seal Team 6 killed! EXPLOSIVE: CIA Whistleblower Exposes Biden's Alleged Role with the Deaths of Seal Team- Claims to have Documented Proof. RETWEET!!!

EXPLOSIVE: CIA Whistleblower Exposes Biden's Alleged Role with the Death...
BREAKING: Full interview of a CIA Whistleblower, Allan Harrow Parrot interviewed by Charles Woods and Nicholas Noe, surfaced Sunday, where the three talk about ...
djhjmedia.com

8:52 AM - 12 Oct 2020

6,488 Retweets   10,173 Likes

740   6.5K   10K

Tweets

stated on October 13, 2020 in videos, articles, and screenshots:

Says Joe Biden and Barack Obama "directly participated in a plot to have #SealTeam6 MURDERED, then arranged a massive cash deal as part of a cover up."

Benghazi conspiracy theory falsely claims Biden, Obama killed Navy SEALs

by Daniel Funke, October 14, 2020

IF YOUR TIME IS SHORT:

Tweets endorsed a conspiracy theory that falsely claims the Obama administration ordered Navy SEALs to be killed in order to cover up a failed deal with Iran to stage the death of Osama bin Laden.

There is no evidence that the Obama administration was responsible for the deaths of 15 members of SEAL Team Six in a 2011 helicopter crash in Afghanistan. Two military investigations concluded the crash was the result of a grenade shot by a Taliban fighter.

The source of the conspiracy theory is a story on a website with a history of publishing baseless claims. It relies on the unproven allegations of a falconer.

An October 12 tweet from a now-suspended Twitter account shared a baseless claim that former President Barack Obama and Vice President Joe Biden killed a team of Navy SEALs and covered it up. The tweet shared a link to a story that claims a CIA whistleblower had exposed "Biden's alleged role" in the deaths of a Navy SEAL team. The allegation has roots in a QAnon-supported conspiracy theory about the 2012 attack in Benghazi, Libya.

"Hiden Biden and Obama may have had Seal Team 6 killed!" wrote the Twitter account, which was created in July.

There is no evidence that Obama and Biden conspired to have a team of Navy SEALs killed. Multiple fact-checkers and media outlets have debunked the claim.

The Obama administration did not order the deaths of the 15 SEAL Team Six members who died in 2011. They were killed by insurgents during an assault on a Taliban compound.

On Aug. 6, 2011, 38 people — including 30 American troops, 15 of whom were SEAL Team Six operators — died after insurgents downed their helicopter during an operation in the Tangi Valley. The CH-47D Chinook military helicopter, operating with the call sign Extortion 17, crashed during an attempt to reinforce a Joint Special Operations Command unit.

It was the deadliest day for American troops during the war in Afghanistan — and it came three months after other SEAL Team Six members carried out the raid that resulted in the death of bin Laden.

Two military investigations concluded that Extortion 17 crashed after a Taliban fighter shot a grenade at it. The investigations did not uncover a government plot to kill Navy SEALs.

The statement is inaccurate and ridiculous. We rate it Pants on Fire!

Joe Biden has never made more than $400,000 in a year.

Please read the following news article.

Detroit Free Press

Joe Biden discusses plan to tax wealthy; says "$400,000 is more money than I've ever made"

Louis Jacobson, Detroit Free Press · 9/12/2020

Democratic presidential nominee Joe Biden talked up his tax plan during a conversation with steelworkers in Detroit. "Every single thing I talk about, I pay for, by making sure, for the first time, the wealthy begin to pay what they should be paying," Biden said Sept. 9. "We're not going to punish anybody. No one making under $400,000, which is more money than I've ever made, is going to have to pay more taxes."

Broadly speaking, Biden's changes would repeal provisions in President Donald Trump's tax law for taxpayers earning over $400,000 and increase the top corporate tax rate to 28% from 21%, among other measures.

Independent analysts agree that Biden's plan would not directly raise taxes for those earning less than $400,000, though those workers could feel the indirect effects of a corporate tax hike.

POLITIFACT

The Poynter Institute

Joe Biden

stated on September 9, 2020 in an event in Detroit:

"$400,000...is more money than I've ever made" in a year.

Fact-checking Joe Biden's claim about his own income

by Louis Jacobson, September 10, 2020

IF YOUR TIME IS SHORT:

The Bidens' adjusted gross income was below $400,000 a year for most of Joe Biden's career when he was in public service and his wife, Jill, was in teaching.

However, after Biden left the vice presidency, the couple reported adjusted gross incomes in the millions in two successive years, documents show.

Democratic presidential nominee Joe Biden talked up his tax plan during a conversation with steelworkers in Detroit.

"Every single thing I talk about, I pay for, by making sure, for the first time, the wealthy begin to pay what they should be paying," Biden said. "We're not going to punish anybody. No one making under $400,000, which is more money than I've ever made, is going to have to pay more taxes."

Biden's changes would repeal provisions in President Donald Trump's tax law for taxpayers earning over $400,000 and increase the top corporate tax rate to 28% from 21%.

But what about Biden's description of his own earning history?

When Thomas Kaplan of the *New York Times* reported on the event in Detroit, he noted parenthetically that "Mr. Biden has, in fact, made more than $400,000; his tax returns from 2017 and 2018 showed income of many multiples that amount."

That's correct, based on the combined incomes of Biden and his wife, Jill, as reported on their joint returns.

1998: $215,432	2005: $321,379	2012: $385,072
1999: $210,797	2006: $248,459	2013: $407,009
2000: $219,953	2007: $319,853	2014: $388,844
2001: $220,712	2008: $269,256	2015: $392,233
2002: $227,811	2009: $333,182	2016: $396,456
2003: $231,375	2010: $379,178	2017: $11,031,309
2004: $234,271	2011: $379,035	2018: $4,580,437

So the Bidens together exceeded the $400,000 threshold by several thousand dollars once, in 2013, and by much larger amounts twice, in 2017 and 2018. (Their 2019 tax return has not yet been made public.)

This pattern makes sense: As a senator and later as vice president, Joe Biden's salary was fixed by law, and Jill Biden worked in teaching. As vice president, Biden earned up to $230,700 a year, and as a senator his annual salary varied from $44,600 when he began serving in the Senate in 1973 to $169,300 by the time he left the chamber in January 2009. The Bidens' returns going back to 2008 also include income from Social Security benefits.

But once Biden departed the vice presidency in January 2017, he could take advantage of more lucrative private-sector opportunities.

Biden said $400,000 "is more money than I've ever made" in a year.

That was accurate for most of Biden's career, when he was in public service and his wife Jill was in teaching. But after Biden left the vice presidency, he earned money from speaking engagements and a book tour, and the couple reported a combined adjusted gross income of more than $11 million and $4 million in successive years.

We rate the statement Mostly False.

PANEL 6

By law, the winner of the Presidential election must be declared on Election Night (November 3).

Please watch the following excerpt from recent remarks that Donald Trump gave to reporters.

"It would be very, very proper and very nice if a winner were declared on Nov. 3, instead of counting ballots for two weeks, which is totally inappropriate, and I don't believe that's by our laws," President Trump told reporters.
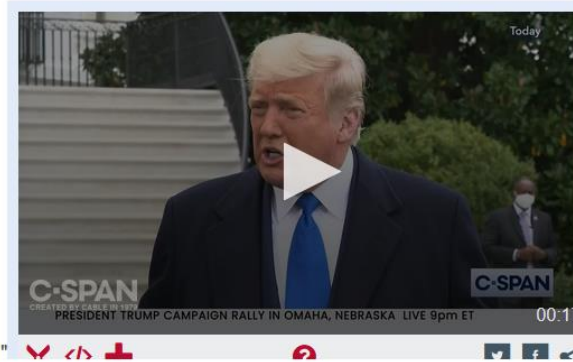
Treatment is an 18 second video clip of President Trump suggesting that election winner must be declared on election night, key quote is also provided in the text above the clip as well.

Donald Trump

stated on October 27, 2020 in remarks to reporters:

Counting ballots for weeks after Election Day "is totally inappropriate, and I don't believe that's by our laws."

Donald Trump wrong that a winner has to be announced Election Night

by Louis Jacobson, October 28, 2020

IF YOUR TIME IS SHORT:

Time after Election Day to count absentee ballots, overseas military ballots, and provisional ballots is enshrined in both federal and state law.

In fact, federal law allows states until more than a month after the election to finalize their results before the casting of electoral votes.

As Nov. 3 approaches, President Donald Trump has been expressing alarm about ballot counting extending beyond Election Night.

"Big problems and discrepancies with Mail In Ballots all over the USA. Must have final total on November 3rd," Trump tweeted on Oct. 26

The following day, Trump added in remarks to reporters, "It would be very, very proper and very nice if a winner were declared on Nov. 3, instead of counting ballots for two weeks, which is totally inappropriate, and I don't believe that's by our laws."

However, the president was wrong. When the media "calls" a presidential race — which may or may not happen on Election Night — it is because they feel that projections from the current results are strong enough to announce one candidate over the other. It's not an official result.

"There are no official results on Election Night — there never have been," said Edward B. Foley, an Ohio State University constitutional law professor who specializes in elections. "Election Night tallies are always just preliminary, pending certification of the canvass of returns under state law, which takes time. Every state has a law on this point."

Especially in this year's election, when many voters are sending in their ballots or voting early in person rather than voting on Election Day due to the coronavirus pandemic, experts say it will take a decisive victory by one candidate or the other to be able to declare a winner on Election Night or early the following morning. (Trump's tweet was later flagged by Twitter as potentially harming the integrity of the election.).

Our ruling

Trump said that "counting ballots for two weeks ... is totally inappropriate, and I don't believe that's by our laws."

He's wrong. Post-election day time to count absentee ballots, overseas military ballots, and provisional ballots are enshrined in both federal and state law. In addition, federal law allows states until more than a month after the election to finalize their results for the casting of electoral votes.

We rate his statement Pants on Fire.

The daughter of Sen. Coons (D-DE), along with 7 other under aged girls are featured on Hunter Biden's laptop.

Please read the following Facebook post.
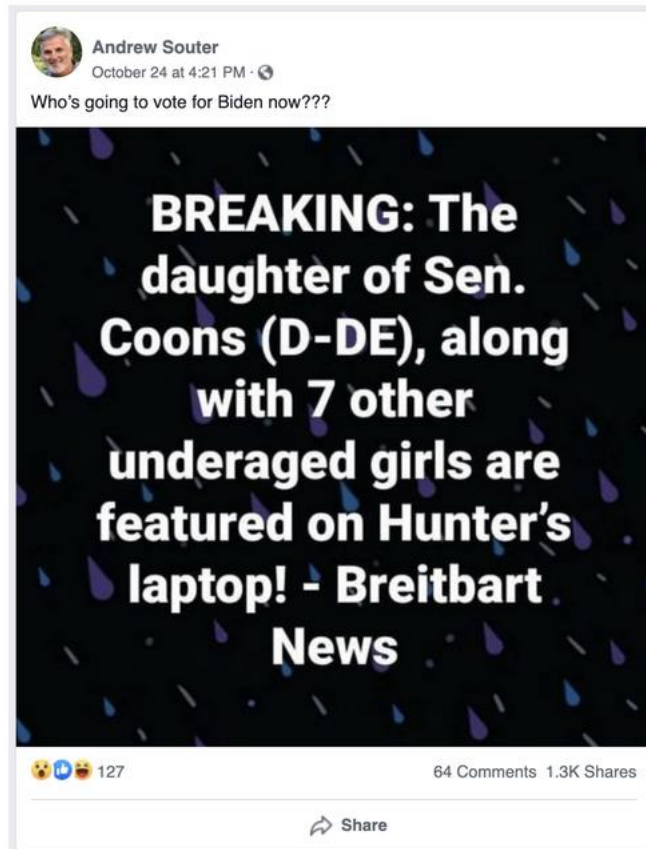
Facebook posts

stated on October 24, 2020 in a text post:

"The daughter of Sen. Coons (D-DE), along with 7 other underaged girls are featured on Hunter's laptop! - Breitbart News"

No evidence Hunter Biden had photos of Coons' daughter

by Daniel Funke, October 26, 2020

IF YOUR TIME IS SHORT:

There is no evidence that a computer hard drive previously belonging to Hunter Biden contains illicit images of the teenage daughter of Sen. Chris Coons, D-Del.

The claim comes from Lauren Witzke, a Republican running against Coons to represent Delaware in the Senate. She has not offered proof.

The unproven claims of a Delaware Senate candidate have inspired a rash of conspiratorial Facebook posts about Joe Biden's son.

An Oct. 24 post claims a conservative news outlet reported that a laptop belonging to Hunter Biden contains illicit images of the daughter of Sen. Chris Coons, D-Del.

"BREAKING: The daughter of Sen. Coons (D-DE), along with 7 other underaged girls are featured on Hunter's laptop! - Breitbart News," the post says.

There is no evidence that a computer hard drive previously belonging to Hunter Biden contains illicit images of Coons' teenage daughter. The claim comes from a U.S. Senate candidate who has previously shared posts related to QAnon, a baseless conspiracy theory about child sex trafficking.

On Oct. 24, Lauren Witzke, a Republican who's running against Coons to represent Delaware in the Senate, tweeted an audio clip from an interview with Breitbart News. The post has been shared more than 8,700 times and amplified by conservative outlets like the Gateway Pundit.

During the interview, Witzke made a variety of accusations against Joe Biden, including that he is "owned by China." While discussing Hunter Biden's purported laptop, she said: "Chris Coons' daughter, in addition to seven other underage girls, are also featured on the laptop."

Breitbart did not independently report this as news, as the Facebook posts make it seem.

There is no publicly available evidence to support Witzke's claim — and neither Breitbart nor the New York Post have reported such a finding.

Our ruling

The Facebook posts say, "The daughter of Sen. Coons (D-DE), along with 7 other underaged girls are featured on Hunter's laptop!" The posts are attributed to Breitbart, but the conservative news and opinion site did not publish such an allegation. A U.S. Senate candidate, running against Coons, repeated this claim in an interview with Breitbart. The candidate offered no evidence to back up her claim about illicit material on a computer hard drive connected to Hunter Biden.

We rate the unproven claim False.

71

In the second presidential debate, after Joe Biden raised concerns that undocumented children may be permanently separated from their parents, Donald Trump replied "Good."

Please read the following Facebook post.

Sheila E. is in **United States**.
October 22 at 10:59 PM · 🌐

THIS. 🔄 @mychaelgabriel "There is no excuse for crimes against humanity. Period."
#vote #election2020 #joebiden #presidentialdebate #wethepeople #donaldtrump

BIDEN: 525 KIDS NOT KNOWING WHERE IN GOD'S NAME THEY'RE GOING TO BE AND LOST THEIR PARENTS.

TRUMP: GOOD.

3.1K   1.4K Comments 687 Shares
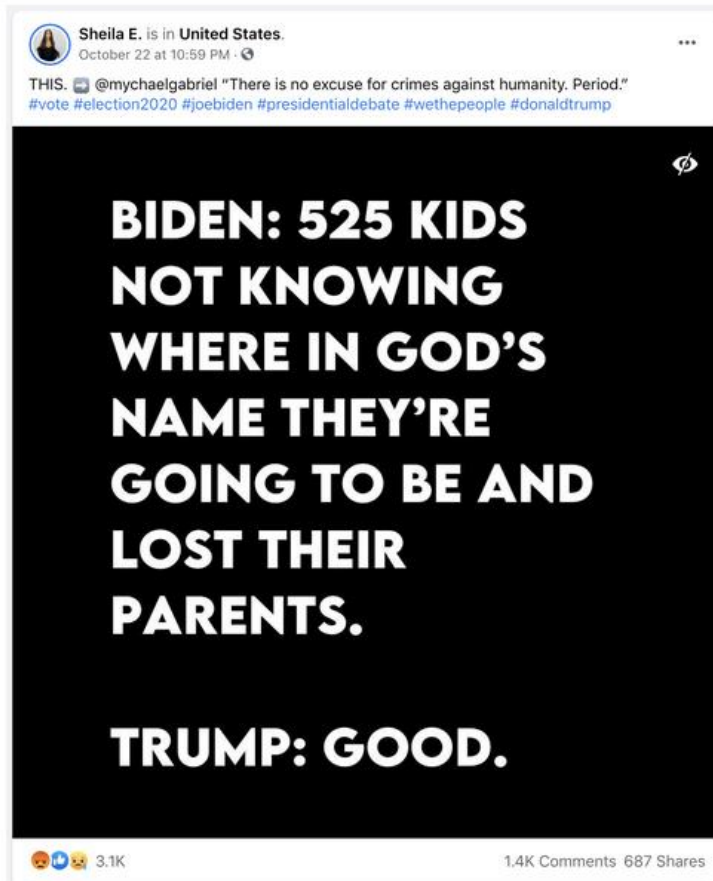
Facebook posts

stated on October 23, 2020 in an image:

Says Donald Trump said "good" during the final presidential debate in reference to families being separated at the border.

Trump didn't say 'good' in reference to family separations; he said 'go ahead' to debate moderator

by Daniel Funke, October 23, 2020

IF YOUR TIME IS SHORT:

President Donald Trump said "go ahead" to moderator Kristen Welker, who was trying to change the subject.

At the final presidential debate of the 2020 campaign, President Donald Trump tried to pin his administration's policy of separating families at the border on former Vice President Joe Biden.

"They did it. We changed the policy," Trump said.

That claim needs context. Like the Trump administration, the Obama administration used chain-link enclosures to hold migrants at border facilities, but it did not have a policy to separate families at the U.S.-Mexico border.

On Facebook, some users took it a step further.

"If you heard Trump say 'good' about the kids being separated from their parents, and you still plan to vote for him, you're inhuman," says an Oct. 23 post from a Facebook page called Close the Camps.

The post was flagged as part of Facebook's efforts to combat false news and misinformation on its News Feed. (Read more about our partnership with Facebook.) It has been shared more than 1,400 times.

Did Trump really say that separating families at the border is "good?"

We checked the transcript of the debate. Trump did not make that comment — and other fact-checkers have debunked the claim. Close the Camps corrected its post after Reuters fact-checked it.

Trump said "go ahead" to moderator Kristen Welker.

The president's comment to Welker came after Biden mentioned a report that found the Trump administration has yet to track down the parents of 545 children at the border. Here are the remarks in context:

Welker: "All right. Let's move on to the next section."

Trump: "But we don't have to worry about it, because they terminated it. So we don't have to worry about it anymore, Joe."

Welker: "Let's move on to the next section."

Biden: "That's right. And you have 525 kids not knowing where in God's name they're going to be and lost their parents."

Trump (to Welker): "Go ahead."

The Facebook post is inaccurate. We rate it False.

PANEL 7

Wisconsin has more votes than people who are registered to vote.

Please read the following tweet.

Mike Coudrey ✓
@MichaelCoudrey

Follow ⌄

BREAKING: Wisconsin has more votes than people who are registered to vote.

Total number of registered voters: 3,129,000

Total number of votes cast:
3,239,920

This is direct evidence of fraud.

Wisconsin is reporting 3,239,920 votes cast. They only have 3,129,000 registered voters. Here is the proof

Wisconsin	Presidential Race Results	House Race Results

EV 10   Pop. 5,822,000

Joe Biden
49.6%
1,630,334

Donald Trump
48.9%
1,609,586

CLOSED Polls are closed   Reporting 95% in

Number Of Registered Voters by State 2020		Show Source
State	**% of Population ▾**	**Number of Registered '**

7:59 AM - 4 Nov 2020

74
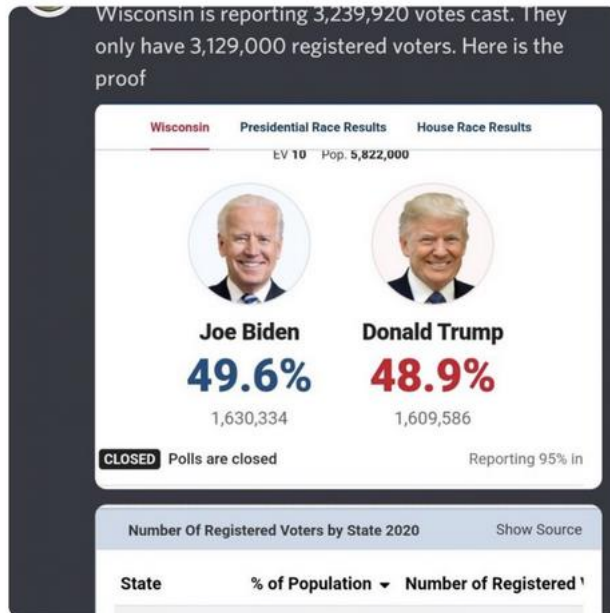
"Wisconsin has more votes than people who are registered to vote. … This is direct evidence of fraud."

No, Wisconsin doesn't have more ballots cast than registered voters

by Ciara O'Rourke, November 4, 2020

IF YOUR TIME IS SHORT:

As of midday on Nov. 4, the number of votes cast in the presidential election was less than the number of registered voters in Wisconsin on Nov. 1.

Because Wisconsin allows people to register to vote on Election Day, the total number of registered voters in the 2020 election could change.

A winner had yet to be declared in the presidential race in Wisconsin when, on Nov. 4, a tweet wrongly alleging voter fraud started to spread online.

"BREAKING: Wisconsin has more votes than people who are registered to vote," tweeted Mike Coudrey, who describes himself as an activist, entrepreneur and investor. "Total number of registered voters: 3,129,000. Total number of votes cast: 3,239,920. This is direct evidence of voter fraud."

Coudrey, who on Election Day tweeted two other inaccurate claims that we debunked, has since deleted the tweet. But not before it was shared widely on Twitter and Facebook, where one account wrote: "Proof voter fraud in Wisconsin materializes."

His claim drew the attention of *New York Times* reporter Sheera Frenkel, who quickly called it out as misinformation.

"There are more than 3.6 million registered voters in Wisconsin. Look for yourself," she tweeted, sharing a link to the Wisconsin Elections Commission.

According to the commission, as of Nov. 1, the state had more than 3.6 million active registered voters.

The commission's verified Twitter account also tweeted that statistic on Nov. 4, seemingly in response to Coudrey's tweet. Wisconsin also allows voters to register on Election Day, the commission said, which means that the voter registration numbers that some counties report in their unofficial results may not be a true indicator of how many people are registered to vote.

Even so, the total number of votes cast and counted in the presidential election in Wisconsin was 3,297,199 as of about 1 p.m. Eastern time on Nov. 4 — fewer than the number of registered voters in the state as of Nov. 1.

"There are never more ballots than registered voters," the commission tweeted.

We rate the claim that Wisconsin had more votes than registered voters Pants on Fire!

Voters in Maricopa County, Arizona, were forced to vote using Sharpie pens that aren't read by voting machines.

Please watch the following video and/or read the transcript. The video was filmed at an Arizona polling place on Election Day, 2020.

<u>**TRANSCRIPT**</u>

Man: So, explain one more time.

Woman: So the people who were in front of me, there were two people in front of me, who used the Sharpie that was given to them by the poll workers. It did not read their ballot.

Man: Okay.

Woman: And they slid it in there twice. I used a pen. Took their Sharpie and threw it away.

Man: And it read your ballot?

Woman: And it read my ballot.

Man: So what they're doing is they're telling people to use the Sharpies, that way those votes aren't counted.

Woman: Yes.

Man: That's exactly what's happening. So there was other people that were in there voting with their pens, and they literally went around and they were yanking pens out of their hands.

Woman: Yes. They tried to do that to me, and I took their Sharpie, and I hid it, because then they said "Look for all the Sharpies that are not being used, and take the Sharpies back." They had a bowl of pens behind them that they were not giving the people, and only giving Sharpies out.

Man: There we go.

Man: So, the ones with the Sharpies are not being read at all.

Woman: No.

Man: None of those ballots are being read.

Woman: Of course not.

Man: And so they're doing it because they're trying to skew all of the votes in there. That's exactly what's going on.

Woman: And they didn't even try to slide it more than one time, they immediately took it and slid it in the front, not even trying a second time, they just waved it through int he front and I was like --

Man: That's what they did with yours?

Woman 2: Yup. And I just went with a Sharpie, voted for Trump, and, uh, she just slid it in, and that was it. And I --

Man: But they're not counting. They're not counting the ones with the Sharpies. And so they're forcing people to use the Sharpies and those votes aren't being counted.

Woman 2: Right.

Man: That's what's going on.

Woman: And then I posted it on my Facebook group chat on my neighborhood, they said it's at the King Creek Library, they did it at ASU Polytech earlier, that like four different polling places were doing Sharpies, all between Pin Creek and the Edgedale neighborhood.

Man: Yep. And those ones are not being counted.

Woman: Yup.

Man: They're invalid.

Woman: Yes.

Man: So they're invalidating votes, is what they are doing.

Woman 1 and Woman 2: Yes.

Woman: And there was a guy that directly came out and yelled at me. Three times. They both came out.

Man: Oh no, they called the sheriff's, and told us to stop handing out the ballpoint pens, in which case, those are the only ones that are actually being counted and validated.

Woman: I used your pen and I gave it back to you.

Man: Yes. Yes. And so, we know that, and we're going to tell on them, you need to use a ballpoint pen, not the Sharpie, and now those are getting invalidated. So people are coming here to vote for Donald Trump, and those votes are all getting invalidated. That's what's going on. There you go. That's all we need. Perfect. Welcome to the new America, people, that's what's going on.

POLITIFACT

The Poynter Institute

Voters in Maricopa County, Ariz., were forced to vote using Sharpie pens that aren't read by voting machines.

Sharpiegate, voter fraud claim in Arizona is False
by Tom Kertscher, November 4, 2020

IF YOUR TIME IS SHORT:

Voters could use ink pens to fill out their ballots, but the county gave Sharpie markers to voters because ballots filled in with Sharpie pens are processed more precisely by voting machines.

In an Election Night Facebook post labeled "Tonight's voting shenanigans," a woman in Maricopa County, Ariz., where Phoenix is the county seat, appears to be being interviewed. But it's not clear by whom.

The woman claims she witnessed inside her polling place election workers forcing some voters to use Sharpie permanent markers to mark their ballots — and that those ballots were not being read by the voting machines.

The suggestion from the man questioning the woman was that this was an effort to block the votes of people supporting President Donald Trump — since people voting in person on Election Day have been considered more likely to support Trump over Joe Biden.

It turns out the Maricopa County Elections Department was prescient about what some are calling Sharpie-gate.

On Oct. 24, the elections department posted on YouTube a video labeled: "Can I use a Sharpie on my Ballot? Maricopa County Voters can use a Sharpie to Mark their Ballot." By Nov. 4, it had more than 1,000 views.

An animated figure named Phil the Ballot introduces the video. The narrator says:

"Did you know you can use a black or blue pen or Sharpie to fill out your ballot in Maricopa County? The new tabulation equipment only reads the oval, so bleed-throughs are not a problem....

"At the vote center, you may notice fine-tip Sharpies are used. That's because it's the fastest-drying ink and works best on the tabulation equipment. If you're filling out your ballot at home, you can use blue or black ink with ball-point pen or Sharpie. Just don't use red ink. The tabulation equipment cannot read red."

In other words, the Sharpie is actually the preferred pen for filling out ballots in Maricopa County.

This claim is inaccurate. We rate it False.

USPS failed to deliver 27% of mail-in ballots in South Florida.

Please read the following tweet.

Bloggers

stated on November 4, 2020 in a Facebook post:

"USPS failed to deliver 27% of mail-in ballots in South Florida"

Claim that postal service failed to deliver 27% of mail-in ballots in South Florida is 100% wrong

by Jon Greenberg, November 5, 2020

IF YOUR TIME IS SHORT:

The 27% figure is based on a misreading of U.S. Postal Service data.

The USPS said it skipped some steps in order to get ballots to election offices faster.

Before, and in one case, on Election Day, officials from the two largest counties in South Florida went to postal facilities to guarantee they got every ballot.

The claim that the U.S. Postal service failed to deliver 27% of mail-in ballots in South Florida has popped up on Facebook and Twitter. There's no truth to that, but it is interesting to see how one outfit raised suspicions.

The website Raw Story posted a story about newly released data on ballot delivery.

"One of the worst failures occurred in South Florida, where 27% of mail-in votes may have never been received," the Nov. 4 article said. "But those statistics might not be telling the entire story. Vice News reported Tuesday that ballots were not being scanned for delivery in an effort to speed up the process."

Let's unpack what's going on.

The 27% figure was derived based on a tweet from Hill reporter (and former PolitiFact reporter) John Kruzel. The tweet showed USPS data, and for the South Florida delivery area, the processing score for ballots was 74.43%.

A few people took that and, with a bit of sloppy math, came up with 27% undelivered.

But anyone reading the thread in the tweet would see that in order to speed up the delivery of ballots to election offices, the postal service had said that it didn't bother to scan ballots on their way out from the mail processing center.

"Many facilities have arranged for local turnaround," lawyers for the postal service affirmed wrote in a Nov. 3 filing.

"It's not that they weren't delivered," said National Association of Letter Carriers chief of staff Jim Sauber. "They were pulled out directly from the rest of the mail and delivered the same day."

We contacted the election supervisor offices of two of the largest South Florida counties, Broward and Miami-Dade. The spokesman for Broward Steve Vancore said there were zero undelivered ballots.

"We went to all 42 post offices, the main postal collection center in Oakland Park and the regional center in Opa Locka in the days leading up to and on Election Day and retrieved all the ballots that were at those sites," Vancore said. "We were at both the Aldridge and Opa Locka sites at 7:00 pm to get every last ballot."

Miami-Dade processed 510,830 mail-in ballots. In the days right before Election Day, they found 24 ballots at a postal facility that were on their way to voters and hadn't been delivered. They made sure that they were. They also found six completed ballots. Those came to the election office and were processed.

Our ruling: There is nothing to this claim. We rate it Pants on Fire.

10 Preanalysis Plan

Preanalysis Plan for: Evaluating Fact-Checks During the 2020 General Election

November 1, 2020

Overview

This document serves as a preanalysis plan for a study of the effectiveness of fact-checks during the 2020 presidential election. As of this writing, we have analyzed the first in a series of studies according the analysis plan described here; this is a "pre" analysis plan for the subsequent studies. The analysis of the first panel study is used herein to demonstrate the analysis plan. We will include this first study in all meta analyses.

For nine weeks, we will test the effects of corrections weekly, evaluating real-world corrections shortly after they are released to the general public. To do so, we will partner with Politifact, IDDP's partner fact-checking organization. Politifact has agreed to share data about the popularity of their fact-checks. Every week, we will use these data to design experiments that test highly-trafficked Politifact fact-checks. We will evaluate fact-checks along two dimensions: Their effects on factual accuracy (e.g., Wood and Porter, 2018; Guess and Coppock, N.d.) and on related political attitudes (e.g., Thorson, 2016). That is, we will know the extent to which fact-checks increase (or not) the factual accuracy of political beliefs during the 2020 election, and if fact-checks impact views toward political candidates and public policies.

In addition, our over-time design will make it possible to measure whether fact-checks are effective over the long term, thereby helping resolve one of the key gaps in the literature. We will also use this opportunity to evaluate several other other unanswered questions in the fact-checking literature, including those relating to the duration of *misinformation*, the effects of fact-checks with "true" verdicts, the timing of fact-checks in the election cycle, how partisanship conditions

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responses to fact-checks, and the effectiveness of media literacy treatments. Our ultimate aims are to both provide clear evidence of the effects of fact-checking during the 2020 election and to help resolve several long-standing questions in this literature.

Research design

Our basic design is a multi-wave panel survey experiment that we will apply in multiple panels. In wave 1 of each panel, we measure subjects' demographic, political, and psychological characteristics; allocate treatments; and collect outcome measures. In wave 2, we recontact subjects and ask them the outcome questions a second time. In some panels, we will recontact subjects a third time. In addition to this main research design, we are planning a series of "extra" experiments to be conducted in the post-treatment waves that we will describe in somewhat less detail in the following section.

Subjects

We will obtain subjects from two vendors: Mechanical Turk (MTurk) and Lucid. MTurk has had the ability to recontact subjects for a long time, but the platform has faced consistent criticism over being a pool of "professional" survey takers who are unlike the general population. Lucid may be able to provide more diverse samples and they can quota sample subjects to US census margins. Lucid is currently facing criticism over the quality of its samples due to large increases in subject inattentiveness. They also have only recently made subject recontact relatively easy. For these reasons, we are using both platforms.

Covariates

We will measure the following covariates to be used as control variables only.

- Age (in years)

- Political interest

- Race / Ethnicity

- Education

- Income

This next set of covariates has been hypothesized to moderate treatment effects, though we are dubious of these claims. Our goal is to assess whether treatments engender heterogeneous responses according to each of these covariates. We will assess heterogeneity with a linear interaction of each covariate with the treatment indicator.

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- Media confidence (four point scale: None at all, Not very much, A fair amount, A great deal)

- Political knowledge (three-item multiple choice battery; measure is number of correct items. [0-3])

- Cognitive reflection task (three-item numerical entry; measure is number of correct items. [0-3])

- Need for cognition (shorted six item battery; measure is the sum of 1-5 "characteristic" scales with some items reverse coded.)

- Big-5 personality traits (measured with the ten-item personality inventory)

- Partisanship, measured using the standard branching question (1-7, Strong Democrat to Strong Republican)

Treatments

For each of three false claims, we independently randomize subjects into a pure control condition, a misinformation-only condition, or a misinformation plus fact check condition. To the greatest extent possible, we will rely on misinformation and corrections that are contemporaneous at the time of the study they are included in. Our main criterion is that the fact-check must be high enough salience that it is widely shared, as measured by the internal Politifact data. We will select at least one fact-check that is congenial for Republicans and at least one that is congenial for Democrats.

Outcome measurement

Subjects beliefs about the false claims are assessed with a two part question.

- **belief**:"To the best of your knowledge, how accurate is this statement? [STATEMENT]" [Not at all accurate, Not very accurate, Somewhat accurate, Very accurate]

- **certainty**:"You said [RESPONSE] How certain are you of your response about the accuracy of this statement [STATEMENT]" [0-100]

The first question forces the subject to decide "which side" they are on – the bottom two categories are for people who think the statement is (mostly) not accurate and the top two categories are for people who think the statement is (mostly) accurate. The certainty follow-up question gives subjects an opportunity to express their doubts.

We will combine these two questions into a measure that varies between 0 and 100 and measures the probability the subject thinks the statement is accurate. This measure is equal to (100 - certainty) for those who think the statement is not accurate and (certainty) for those who think the statement is accurate. We will also report effects on the 4-point belief scale.

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We will also include as a secondary outcome variable feeling thermometer evaluations of the targets of the correction.

To evaluate the longevity, or lack thereof, of the effects of corrections, we will recontact subjects in subsequent waves. We will aim to field five two-wave studies and three three-wave studies, to arrive at estimates of effect duration in a cost-effective manner.

Analysis

Main analysis

Our main estimand is the average treatment effects of misinformation (relative to control) and fact checks (relative to misinformation) in wave 1. For this reason, we will estimate treatment effects of the control condition and the fact check condition relative to the misinformation condition. We parameterize in this way because the main contrasts we are interested in are misinformation versus control and fact check versus misinformation. Assessing treatment effects relative to the misinformation condition is therefore a straightforward way to do both in one regression model.

For average treatment effects, we will use two estimators, the difference-in-means and the covariate-adjusted difference-in-means via OLS. We will use all of the covariates listed above (the controls-only and potential moderators) in the adjusted models, since the only purpose is to reduce the sampling variability of the treatment effect estimates.

Heterogeneous effects estimation

For heterogeneous effects, we will modify the covariate-adjusted models to include an interaction with each specific covariate, one at a time.

We will conduct a finer-grained heterogeneous effects analysis to assess whether the "match" between subject partisanship and the misinformation or correction conditions is associated with larger effects. We want to know if "congenial" misinformation or "congenial" corrections are more effective than noncongenial treatments. For each group of partisans separately, we will estimate the average effect of congenial treatments, noncongenial treatments, and the difference between them, pooling over fact checks. We will use the "congeniality" classification we used to guide our selection of fact-checks. As a robustness check, we will estimate the partisan difference in the untreated control group as a tool for determining which party the information is congenial for. In the cases where the misinformation or fact check is not more or less congenial for one party (as measured by a nonsignificant two-tailed t-test comparison of means), we will not include it in the congeniality robustness check.

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Long term effects

To assess the long-term effects of fact-checks, we will employ two approaches. In both cases, we will subset to subjects who respond in all waves so that we can ensure that the sample is stable over time.

First, we will report the ratio of the ATE (fact-check versus control) in time 2 to the ATE in time 1, which describes effects at time 2 as a percentage of the effect in time 1. Since the estimates are correlated, we will use the nonparametric bootstrap to assess uncertainty. We cannot assess the long-term effects of the fact-check versus misinformation, because all subjects in the misinformation condition will be debriefed at the end of the wave 1 surveys because it would be unethical to expose subjects to misinformation without correcting it.

Our second analysis will estimate the ATE (at wave 2) of the control condition versus the other two conditions. Since the misinformation group will have been treated with the fact check, these two conditions (misinformation and fact check) should be identical. We will confirm or disconfirm this possibility by directly comparing the wave 2 responses of these two groups.

Remaining details for the overtime analysis: We will perform an analogous procedure for the third wave of the three-wave studies. We will follow the same procedure as for studying whether "congenial" fact checks are more durable, but we will not explore heterogeneity further for the durability estimates due to sample size constraints.

Meta-analysis

We will meta-analyze all three fact-check level analyses (ATEs at time 1, ATEs at time 2, and the interaction terms) by stacking the datasets and running the same regression specifications as above, with indicator variables for fact check and study number and clustering standard errors by respondent.

Example Analysis

Here is an example of our analysis procedure, using data from the first panel study.

Visualization

We plan to present results using figures like Figure 1. These figures show the data and the averages for each group. They correspond to the difference-in-means analysis because they show the means to be differenced.

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Figure 1: Visualization of group means

Certainty that misinformation's claim is accurate
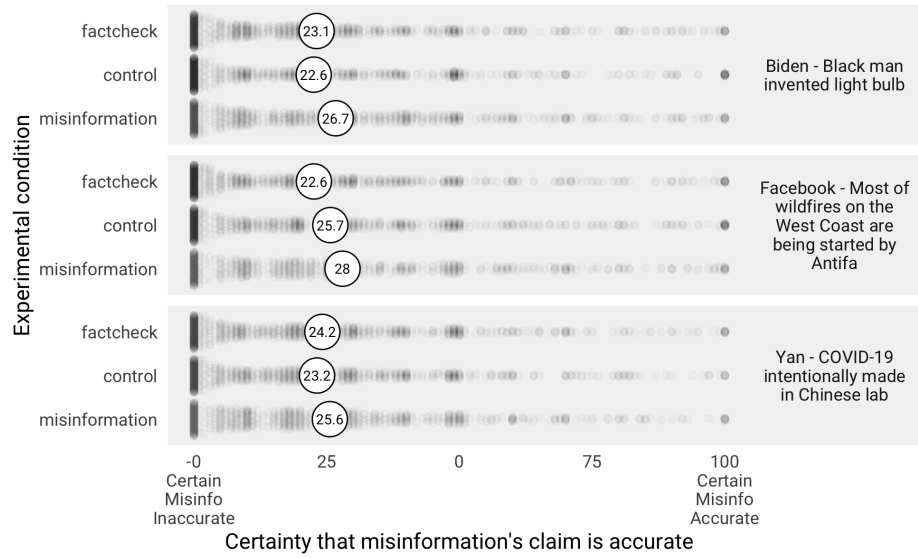
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
(Intercept)	26.69*	28.08*	25.70*	60.58*	58.98*	50.54*
	(1.04)	(1.08)	(0.95)	(5.32)	(5.18)	(4.98)
fc_1_treatmentcontrol	−4.21*			−4.90*		
	(1.50)			(1.48)		
fc_1_treatmentfactcheck	−3.77*			−3.98*		
	(1.43)			(1.40)		
fc_2_treatmentcontrol		−2.45			−1.94	
		(1.51)			(1.45)	
fc_2_treatmentfactcheck		−5.51*			−5.28*	
		(1.47)			(1.43)	
fc_3_treatmentcontrol			−2.55			−2.14
			(1.32)			(1.31)
fc_3_treatmentfactcheck			−1.52			−1.46
			(1.36)			(1.33)
R^2	0.00	0.01	0.00	0.05	0.09	0.05
Adj. R^2	0.00	0.01	0.00	0.04	0.08	0.04
Num. obs.	2040	2041	2044	2040	2041	2044
RMSE	26.88	27.29	24.70	26.36	26.20	24.16

$^*p < 0.05$

Table 1: Average Treatment Effects, separately by fact check

Main analysis

Table 1 shows estimates for 3 misinformation and fact check treatments relative to the misinformation condition. The first three columns are unadjusted difference-in-means estimates and the last three employ covariate adjustment.

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Figure 2: Example heterogeneity analysis of three fact checks
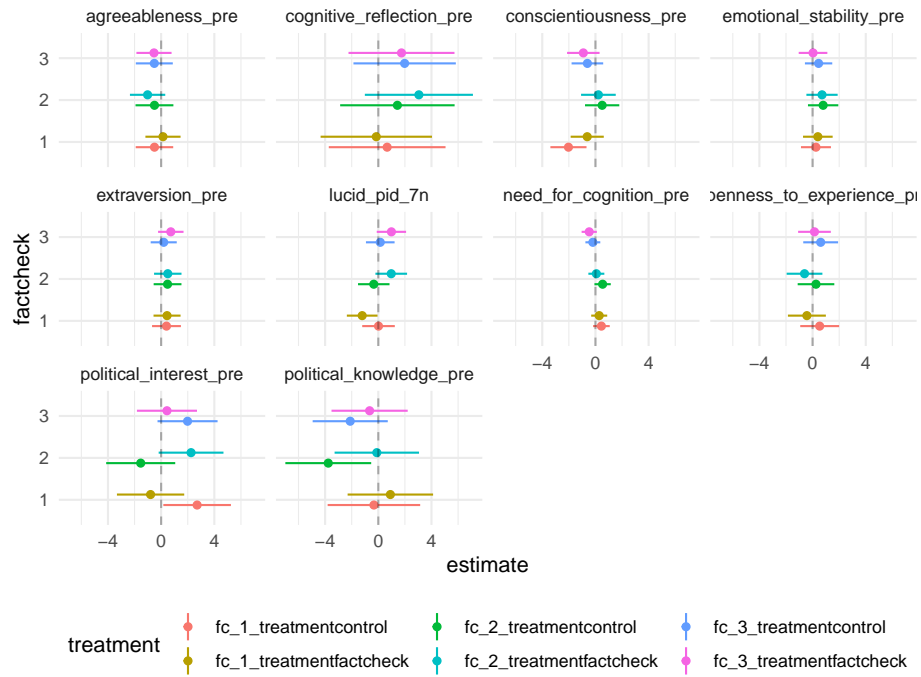
Heterogeneity

Table 2 shows an example of the heterogeneity specification as applied to the first fact check. Since these regression tables are extremely cumbersome, we will tend to present results using coefficient plots.

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Table 2: Example heterogeneity specification

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8	Model 9	Model 10
(Intercept)	59.05^{***}	61.02^{***}	63.63^{***}	60.72^{***}	65.58^{***}	62.57^{***}	59.48^{***}	50.06^{***}	62.90^{***}	60.85^{***}
	(5.44)	(5.97)	(6.12)	(5.40)	(6.47)	(5.84)	(7.20)	(6.95)	(6.34)	(6.81)
fc_1_treatmentcontrol	-4.90	-4.23	-14.45^{**}	-5.13^{**}	-13.43^{*}	-7.65	0.49	18.20^{*}	-7.39	-10.21
	(2.80)	(4.20)	(4.89)	(1.70)	(6.34)	(4.15)	(7.94)	(8.07)	(5.84)	(7.54)
fc_1_treatmentfactcheck	0.87	-5.90	-1.03	-3.93^{*}	-9.37	-7.02	-5.43	3.20	-7.88	0.23
	(2.72)	(3.90)	(5.02)	(1.63)	(6.13)	(3.88)	(7.41)	(7.31)	(5.76)	(7.38)
lucid_pid_7n	-0.55	-0.98^{***}	-0.98^{***}	-0.99^{***}	-0.99^{***}	-0.98^{***}	-0.98^{***}	-0.99^{***}	-0.98^{***}	-0.98^{***}
	(0.45)	(0.26)	(0.26)	(0.27)	(0.26)	(0.27)	(0.26)	(0.26)	(0.26)	(0.26)
lucid_age	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
lucid_raceBlack	-1.88	-2.03	-1.82	-2.02	-2.00	-2.06	-1.99	-2.02	-1.95	-1.94
	(3.16)	(3.18)	(3.17)	(3.18)	(3.18)	(3.18)	(3.19)	(3.18)	(3.18)	(3.18)
lucid_raceHispanic	3.11	3.07	3.14	3.03	3.18	3.01	2.96	2.79	3.12	3.15
	(3.11)	(3.13)	(3.12)	(3.14)	(3.14)	(3.14)	(3.14)	(3.13)	(3.14)	(3.14)
lucid_raceOther	-0.05	0.09	0.01	0.09	0.27	0.13	0.17	-0.21	0.15	0.11
	(3.86)	(3.91)	(3.88)	(3.92)	(3.90)	(3.92)	(3.92)	(3.91)	(3.91)	(3.90)
lucid_raceWhite	1.12	1.23	1.25	1.20	1.29	1.20	1.19	1.11	1.23	1.23
	(2.67)	(2.68)	(2.66)	(2.69)	(2.69)	(2.69)	(2.69)	(2.68)	(2.69)	(2.69)
lucid_hhin	0.09	0.09	0.10	0.10	0.09	0.09	0.09	0.09	0.10	0.09
	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)	(0.09)
political_knowledge_pre	-1.72^{*}	-1.91	-1.70^{*}	-1.69^{*}	-1.70^{*}	-1.66^{*}	-1.67^{*}	-1.65^{*}	-1.69^{*}	-1.67^{*}
	(0.76)	(1.28)	(0.76)	(0.77)	(0.77)	(0.77)	(0.77)	(0.77)	(0.77)	(0.77)
political_interest_pre	-2.76^{***}	-2.75^{***}	-3.43^{***}	-2.76^{***}	-2.80^{***}	-2.78^{***}	-2.76^{***}	-2.70^{***}	-2.77^{***}	-2.81^{***}
	(0.56)	(0.56)	(0.99)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)	(0.56)
cognitive_reflection_pre	-0.82	-0.75	-0.74	-0.91	-0.75	-0.78	-0.76	-0.72	-0.76	-0.77
	(0.96)	(0.96)	(0.96)	(1.55)	(0.96)	(0.97)	(0.96)	(0.96)	(0.96)	(0.96)
need_for_cognition_pre	-0.21	-0.22	-0.21	-0.21	-0.46^{*}	-0.21	-0.21	-0.21	-0.21	-0.21
	(0.14)	(0.14)	(0.14)	(0.14)	(0.23)	(0.14)	(0.14)	(0.14)	(0.14)	(0.14)
extraversion_pre	-0.58^{*}	-0.58^{*}	-0.59^{*}	-0.58^{*}	-0.57^{*}	-0.86^{*}	-0.57^{*}	-0.56^{*}	-0.59^{*}	-0.57^{*}
	(0.23)	(0.23)	(0.23)	(0.23)	(0.23)	(0.40)	(0.23)	(0.23)	(0.23)	(0.23)
agreeableness_pre	-0.45	-0.45	-0.44	-0.45	-0.48	-0.46	-0.35	-0.43	-0.45	-0.43
	(0.34)	(0.34)	(0.34)	(0.34)	(0.34)	(0.34)	(0.55)	(0.34)	(0.34)	(0.34)
conscientiousness_pre	-0.12	-0.09	-0.13	-0.10	-0.11	-0.09	-0.09	0.79	-0.10	-0.10
	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.33)	(0.52)	(0.33)	(0.33)
emotional_stability_pre	-0.24	-0.23	-0.24	-0.23	-0.22	-0.24	-0.22	-0.24	-0.45	-0.22
	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)	(0.27)	(0.46)	(0.27)
openness_to_experience_pre	0.19	0.18	0.13	0.18	0.18	0.18	0.17	0.18	0.17	0.15
	(0.35)	(0.35)	(0.35)	(0.35)	(0.35)	(0.35)	(0.35)	(0.35)	(0.35)	(0.58)
fc_1_treatmentcontrol:lucid_pid_7n	0.02									
	(0.62)									
fc_1_treatmentfactcheck:lucid_pid_7n	-1.21^{*}									
	(0.59)									
fc_1_treatmentcontrol:political_knowledge_pre		-0.33								
		(1.77)								
fc_1_treatmentfactcheck:political_knowledge_pre		0.91								
		(1.64)								
fc_1_treatmentcontrol:political_interest_pre			2.71^{*}							
			(1.30)							
fc_1_treatmentfactcheck:political_interest_pre			-0.79							
			(1.29)							
fc_1_treatmentcontrol:cognitive_reflection_pre				0.67						
				(2.24)						
fc_1_treatmentfactcheck:cognitive_reflection_pre				-0.15						
				(2.14)						
fc_1_treatmentcontrol:need_for_cognition_pre					0.45					
					(0.32)					
fc_1_treatmentfactcheck:need_for_cognition_pre					0.28					
					(0.31)					
fc_1_treatmentcontrol:extraversion_pre						0.40				
						(0.55)				
fc_1_treatmentfactcheck:extraversion_pre						0.44				
						(0.52)				
fc_1_treatmentcontrol:agreeableness_pre							-0.50			
							(0.72)			
fc_1_treatmentfactcheck:agreeableness_pre							0.14			
							(0.67)			
fc_1_treatmentcontrol:conscientiousness_pre								-2.03^{**}		
								(0.69)		
fc_1_treatmentfactcheck:conscientiousness_pre								-0.62		
								(0.64)		
fc_1_treatmentcontrol:emotional_stability_pre									0.25	
									(0.57)	
fc_1_treatmentfactcheck:emotional_stability_pre									0.39	
									(0.57)	
fc_1_treatmentcontrol:openness_to_experience_pre										0.53
										(0.75)
fc_1_treatmentfactcheck:openness_to_experience_pre										-0.43
										(0.73)
R^2	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.06	0.05	0.05
Adj. R^2	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.05	0.04	0.04
Num. obs.	2040	2040	2040	2040	2040	2040	2040	2040	2040	2040
RMSE	26.33	26.37	26.31	26.37	26.36	26.36	26.36	26.31	26.37	26.36

$^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

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Congeniality

	Model 1	Model 2
(Intercept)	55.50***	55.98***
	(4.82)	(5.16)
treatmentcontrol	−2.91*	
	(1.24)	
fc2	2.34*	1.47
	(0.99)	(0.95)
fc3	0.26	1.66
	(0.98)	(0.96)
lucid_pid_7n	−0.09	−0.19
	(0.22)	(0.23)
lucid_age	−0.02	0.03
	(0.04)	(0.04)
lucid_raceBlack	−3.31	−1.32
	(2.94)	(3.15)
lucid_raceHispanic	−1.84	−1.52
	(2.92)	(3.10)
lucid_raceOther	−8.27*	−4.12
	(3.37)	(3.45)
lucid_raceWhite	−3.58	−3.80
	(2.42)	(2.66)
lucid_hhin	−0.07	−0.07
	(0.08)	(0.07)
political_knowledge_pre	−1.65*	−1.33
	(0.69)	(0.69)
political_interest_pre	−3.72***	−3.53***
	(0.51)	(0.54)
cognitive_reflection_pre	−1.42	−0.64
	(0.81)	(0.90)
need_for_cognition_pre	−0.24	−0.30*
	(0.12)	(0.12)
extraversion_pre	−0.23	0.03
	(0.19)	(0.20)
agreeableness_pre	−0.30	−0.61*
	(0.33)	(0.29)
conscientiousness_pre	0.14	−0.28
	(0.28)	(0.29)
emotional_stability_pre	−0.28	0.03
	(0.25)	(0.23)
openness_to_experience_pre	0.26	0.17
	(0.29)	(0.29)
misinfo_congenial	2.04	
	(1.25)	
treatmentcontrol:misinfo_congenial	0.07	
	(1.73)	
treatmentfactcheck		1.86
		(1.18)
factcheck_congenial		−2.19
		(1.21)
treatmentfactcheck:factcheck_congenial		−4.77**
		(1.73)
R²	0.05	0.05
Adj. R²	0.05	0.04

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	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
(Intercept)	15.48*	21.17*	20.49*	34.97*	51.22*	44.63*
	(1.54)	(2.27)	(1.93)	(8.84)	(12.17)	(10.00)
fc_1_treatmentcontrol	4.02			3.01		
	(2.60)			(2.61)		
fc_1_treatmentfactcheck	1.92			1.29		
	(2.38)			(2.35)		
fc_2_treatmentcontrol		−1.74			−1.20	
		(3.12)			(3.06)	
fc_2_treatmentfactcheck		−3.02			−1.55	
		(3.15)			(3.30)	
fc_3_treatmentcontrol			2.72			2.14
			(2.92)			(2.88)
fc_3_treatmentfactcheck			0.45			−0.29
			(2.70)			(2.57)
R^2	0.01	0.00	0.00	0.08	0.10	0.10
Adj. R^2	0.00	−0.00	−0.00	0.03	0.05	0.05
Num. obs.	389	390	389	389	390	389
RMSE	20.79	25.04	22.88	20.44	24.34	22.24

$^*p < 0.05$

Table 4: Average Treatment Effects after one week, separately by fact check

Long-term effects

Using code like the following, we will bootstrap the percentage of the wave 1 effect remaining at wave 2:

```
estimate_percentage <-
  function(dat) {
    fit_w1 <- lm_robust(formula(paste0(
      "fc_1_w1_outcome ~ fc_1_treatment", covariates
    )), data = dat)

    fit_w2 <- lm_robust(formula(paste0(
      "fc_1_w2_outcome ~ fc_1_treatment", covariates
    )), data = dat)

    fit_w2$coefficients["fc_1_treatmentfactcheck"] / fit_w1$coefficients["fc_1_treatmentfactch
  }

est = estimate_percentage(ar_dat)
```

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```
se <-
  1:500 %>%
  map(~sample_n(ar_dat, size = nrow(ar_dat), replace = TRUE)) %>%
  map_dbl(estimate_percentage) %>%
  sd()
```

The result of this code applied to our first fact check is an estimate of -0.75, with a standard error of 20.4.

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Figure 3: Example Meta-analysis of interaction terms across three fact checks
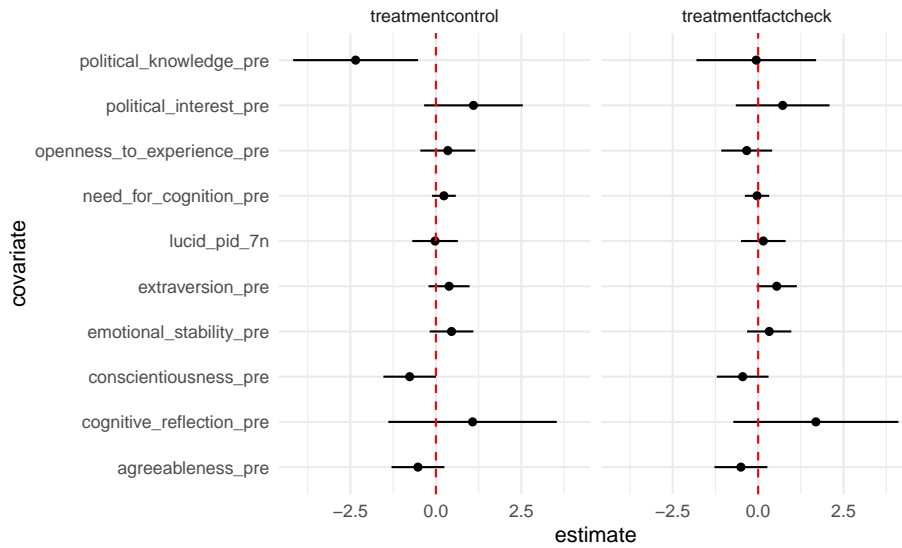
Meta-analysis

Table 5 shows the meta-analysis for the three fact checks in panel 1.

Figure 3 shows the meta-analysis of the interaction terms across three fact checks.

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		Model 1
(Intercept)		56.05***
		(3.96)
treatmentcontrol		−2.91***
		(0.82)
treatmentfactcheck		−3.31***
		(0.81)
fc2		1.27
		(0.70)
fc3		0.18
		(0.70)
lucid_pid_7n		0.12
		(0.19)
lucid_age		0.02
		(0.03)
lucid_raceBlack		−0.92
		(2.45)
lucid_raceHispanic		−1.24
		(2.36)
lucid_raceOther		−3.77
		(2.77)
lucid_raceWhite		−3.08
		(2.01)
lucid_hhin		−0.05
		(0.06)
political_knowledge_pre		−1.42*
		(0.56)
political_interest_pre		−3.64***
		(0.41)
cognitive_reflection_pre		−1.06
		(0.71)
need_for_cognition_pre		−0.18
		(0.10)
extraversion_pre		−0.15
		(0.16)
agreeableness_pre		−0.37
		(0.25)
conscientiousness_pre		−0.13
		(0.24)
emotional_stability_pre		−0.35
		(0.20)
openness_to_experience_pre		0.19
		(0.23)
R^2		0.05
Adj. R^2		0.05
Num. obs.		6167
RMSE		25.69
N Clusters	15	2064

$^{***}p < 0.001$; $^{**}p < 0.01$; $^{*}p < 0.05$

Table 5: Meta-analysis, pooling over fact-checks

Additional Experiments

We will also use this opportunity to experimentally evaluate several questions that have not yet been answered by the fact-checking literature. To do so, concurrently with the weekly studies, we will also conduct some or all the following experiments:

- An experiment that evaluates the durability of *misinformation*, not just fact-checks. Testing the durability of misinformation through our primary studies would be ethically perilous, as some subjects would be released from the first wave of each study without being debriefed about the misinformation they had been exposed to. To eliminate this ethical concern, we will administer an experiment that randomly exposes participants to treatments involving entirely fabricated politicians, misinformation and corrections. By measuring effects immediately post-treatment *and* one week later, we will arrive at measures of the durability of misinformation without exposing subjects to real-world misinformation.

- An experiment that measures the extent to which the effects of fact-checks depend on features of the electoral cycle. It may be the case that subjects are differentially responsive to fact-checks, particularly of their co-partisans, at different points in the campaign. To investigate this possibility, we will re-test the fact-checks and misinformation used in the first weekly study in the last weekly study.

- An experiment that evaluates how partisan signals may lead to different outcomes. It is possible that fact-checks of misinformation that refer to the party affiliation of the fact-checked political figure yield different responses than fact-checks that elide the affiliation. In this experiment, we will randomly assign subjects to treatments that do or do not mention party affiliation.

- An experiment that evaluates the effects of fact-checks that render a "true" verdict. The majority of fact-checking studies have focused on fact-checks of false claims, but understanding the effects of fact-checks of true claims is crucial for a comprehensive view of fact-checks. While our main studies will test claims that are declared to be false by Politifact, here we will test fact-checks of claims that Politifact has declared to be true.

- An experiment that tests whether impugning a news source causes subjects to be more (or less) responsive to fact-checks of misinformation disseminated by that source. By randomly assigning some subjects in advance of the misinformation and fact-check to see evidence that the source has been a constant purveyor of misinformation, we will be able to tell whether subjects can be effectively inoculated against problematic sources. If so, this would suggest that preemptive "news literacy" campaigns can be *more effective* than fact-checking.

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- An experiment that measures whether partisan social pressure can affect responses to fact-checks. While prior studies have shown that individuals qua individuals can become increasingly accurate due to fact-checks even when the fact-checks target co-partisans, responses may change when subjects are informed about how many of their co-partisans believe examples of misinformation. We will randomly assign participants to see either standard fact-checking treatments or one that contains claims about how many of their co-partisans believe the misinformation.

These six additional experiments described above will each shed light on unanswered questions in the literature. And again, by administering our primary studies over multiple waves, we will know the durability of fact-checking's effects, which has also not been systematically studied in the literature. We will follow the same procedures to assess the average treatment effects of each of these manipulations, but we do not plan to assess heterogeneity for these, except perhaps in an exploratory analysis.

References

Guess, Andrew, and Alexander Coppock. N.d. "Does Counter-Attitudinal Information Cause Backlash? Results from Three Large Survey Experiments." *British Journal of Political Science*. Forthcoming.

Thorson, Emily. 2016. "Belief Echoes: The Persistent Effects of Corrected Misinformation." *Political Communication* 33 (3): 460–480.
URL: *https://doi.org/10.1080/10584609.2015.1102187*

Wood, T.J., and E. Porter. 2018. "The Elusive Backfire Effect: Mass Attitudes' Steadfast Factual Adherence." *Political Behavior* 41: 135–163.

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