Reputation penalty - study 2

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Study 2

Note that we ran two waves for Study 2. We're publicly sharing a dataset in which the two wave datasets have already been merged together and personally identifying information has been removed.

List of variables

Main variables

Factual belief 1: Belief that abortion pills are dangerous and that 1 in 5 women will suffer a complication (1-to-4 scale)

Factual belief 2: Belief that more contraception availability increases abortion demand (1-to-4 scale)

Factual belief 3: Belief that if a 10-year-old became pregnant as a result of rape and terminated the pregnancy because it was threatening her life, then that's not an abortion (1-to-4 scale)

Various feeling thermometers (0-to-100 scale)

Abortion laws measure (1-to-4 scale)

Abortion penalties measure (0-to-4 scale)

Some control variables

Partisanship: 1 (Strong Democrat) to 7 (Strong Republican) scale

Male: 1 = Yes, 0 = No

College graduate: 1 = Yes, 0 = No

High household income: 1 = household income of $100,000+, 0 = below that

Age: 18+

Religiously affiliated: 1 = Yes, 0 = No

Attends religious services at least once a month: 1 = Yes, 0 = No

Non-Hispanic White: 1 = Yes, 0 = No

Factual belief models

Main models

Table 1: Effect of fact-check on the belief that abortion pills are dangerous and that 1 in 5 women will suffer a complication (1-to-4 scale)

	Model 1
Intercept	1.27 (0.16)***
Control	−0.57 (0.07)***
Fact-check	−0.90 (0.08)***
R^2	0.50
Adj. R^2	0.49
Num. obs.	576
RMSE	0.72

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

Table 2: Effect of fact-check on the belief that more contraception availability increases abortion demand (1-to-4 scale)

	Model 1
Intercept	0.98 (0.14)***
Control	−0.14 (0.07)
Fact-check	−0.23 (0.07)**
R^2	0.28
Adj. R^2	0.27
Num. obs.	581
RMSE	0.68

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

Table 3: Effect of fact-check on the belief about the pregnant 10-year-old (1-to-4 scale)

	Model 1
Intercept	0.98 (0.18)***
Control	−0.03 (0.10)
Fact-check	−0.28 (0.09)**
R^2	0.32
Adj. R^2	0.30
Num. obs.	589
RMSE	0.94

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

Does receptivity to fact-checks (that is, the correction - misinformation contrast) differ by Party ID?

Table 4: Effect of fact-check on the belief that abortion pills are dangerous and that 1 in 5 women will suffer a complication (1-to-4 scale)

	Model 1
Intercept	1.23 (0.17)***
Control (Democrats)	−0.51 (0.11)***
Control (Independent/Other)	−0.68 (0.14)***
Control (Republicans)	−0.62 (0.15)***
Fact-check (Democrats)	−0.75 (0.11)***
Fact-check (Independent/Other)	−1.09 (0.16)***
Fact-check (Republicans)	−1.03 (0.17)***
R^2	0.50
Adj. R^2	0.49
Num. obs	576.00
RMSE	0.72

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

Table 5: Effect of fact-check on the belief that more contraception availability increases abortion demand (1-to-4 scale)

	Model 1
Intercept	1.06 (0.16)***
Control (Democrats)	−0.10 (0.09)
Control (Independent/Other)	−0.25 (0.14)
Control (Republicans)	−0.08 (0.17)
Fact-check (Democrats)	−0.21 (0.10)*
Fact-check (Independent/Other)	−0.27 (0.14)*
Fact-check (Republicans)	−0.19 (0.18)
R^2	0.27
Adj. R^2	0.25
Num. obs	581.00
RMSE	0.69

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

Table 6: Effect of fact-check on the belief that it's not an abortion if a 10-year-old became pregnant as a result of rape and terminated the pregnancy (1-to-4 scale)

	Model 1
Intercept	1.05 (0.19)***
Control (Democrats)	0.00 (0.15)
Control (Independent/Other)	−0.07 (0.17)
Control (Republicans)	−0.05 (0.23)
Fact-check (Democrats)	−0.35 (0.13)**
Fact-check (Independent/Other)	−0.36 (0.16)*
Fact-check (Republicans)	−0.08 (0.23)
R^2	0.32
Adj. R^2	0.30
Num. obs	589.00
RMSE	0.94

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

Does receptivity to fact-checks (that is, the correction - misinformation contrast) differ by religiosity?

Table 7: Effect of fact-check on the belief that abortion pills are dangerous and that 1 in 5 women will suffer a complication (1-to-4 scale)

	Model 1
Intercept	1.56 (0.19)***
Control (Medium attendance)	−0.64 (0.16)***
Control (High attendance)	−0.41 (0.19)*
Control (Low attendance)	−0.60 (0.09)***
Fact-check (Medium attendance)	−0.89 (0.22)***
Fact-check (High attendance)	−0.90 (0.21)***
Fact-check (Low attendance)	−0.90 (0.10)***
R^2	0.50
Adj. R^2	0.48
Num. obs	576.00
RMSE	0.72

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

Table 8: Effect of fact-check on the belief that more contraception availability increases abortion demand (1-to-4 scale)

	Model 1
Intercept	0.90 (0.18)***
Control (Medium attendance)	0.06 (0.16)
Control (High attendance)	0.07 (0.27)
Control (Low attendance)	−0.23 (0.08)**
Fact-check (Medium attendance)	0.05 (0.15)
Fact-check (High attendance)	−0.17 (0.29)
Fact-check (Low attendance)	−0.31 (0.08)***
R^2	0.29
Adj. R^2	0.27
Num. obs	581.00
RMSE	0.68

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

Table 9: Effect of fact-check on the belief that it's not an abortion if a 10-year-old became pregnant as a result of rape and terminated the pregnancy (1-to-4 scale)

	Model 1
Intercept	1.04 (0.25)***
Control (Medium attendance)	0.07 (0.24)
Control (High attendance)	0.07 (0.28)
Control (Low attendance)	−0.08 (0.12)
Fact-check (Medium attendance)	−0.27 (0.25)
Fact-check (High attendance)	−0.31 (0.23)
Fact-check (Low attendance)	−0.28 (0.11)*
R^2	0.31
Adj. R^2	0.30
Num. obs	589.00
RMSE	0.94

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

Attitudinal belief models

Main models

Table 10: Effect of fact-check about abortion pills on ratings of Alliance Defending Freedom (0-to-100 scale)

	Model 1
Intercept	17.19 (5.87)**
Control	3.77 (2.67)
Fact-check	−5.93 (2.97)*
R^2	0.29
Adj. R^2	0.28
Num. obs.	444
RMSE	22.81

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

Table 11: Effect of fact-check about contraception availability on ratings of Seth Gruber (0-to-100 scale)

	Model 1
Intercept	16.85 (4.72)***
Control	2.95 (2.08)
Fact-check	−7.56 (2.21)***
R^2	0.35
Adj. R^2	0.33
Num. obs.	422
RMSE	17.77

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

Table 12: Effect of fact-check about pregnant 10-year-old on ratings of Americans United For Life (0-to-100 scale)

	Model 1
Intercept	7.54 (3.82)*
Control	0.79 (2.29)
Fact-check	−0.63 (2.20)
R^2	0.60
Adj. R^2	0.59
Num. obs.	460
RMSE	19.82

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

Interactions with partisanship

Table 13: Effect of fact-check about abortion pills on ratings of Alliance Defending Freedom (0-to-100 scale)

	Model 1
Intercept	16.56 (6.54)*
Control (Democrats)	4.97 (4.06)
Control (Independent/Other)	3.00 (4.48)
Control (Republicans)	−0.80 (5.52)
Fact-check (Democrats)	−5.66 (4.25)
Fact-check (Independent/Other)	−7.25 (5.72)
Fact-check (Republicans)	−4.78 (6.13)
R^2	0.31
Adj. R^2	0.28
Num. obs	444.00
RMSE	22.78

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

Table 14: Effect of fact-check about contraception availability on ratings of Seth Gruber (0-to-100 scale)

	Model 1
Intercept	20.70 (5.06)***
Control (Democrats)	−1.78 (2.93)
Control (Independent/Other)	7.49 (4.38)
Control (Republicans)	8.33 (4.17)*
Fact-check (Democrats)	−11.16 (3.05)***
Fact-check (Independent/Other)	−6.81 (4.13)
Fact-check (Republicans)	0.53 (5.63)
R^2	0.36
Adj. R^2	0.33
Num. obs	422.00
RMSE	17.80

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

Table 15: Effect of fact-check about pregnant 10-year-old on ratings of Americans United For Life (0-to-100 scale)

	Model 1
Intercept	14.44 (4.11)***
Control (Democrats)	1.94 (3.00)
Control (Independent/Other)	−0.54 (4.36)
Control (Republicans)	−0.90 (5.44)
Fact-check (Democrats)	−6.47 (2.89)*
Fact-check (Independent/Other)	5.81 (4.72)
Fact-check (Republicans)	4.92 (4.73)
R^2	0.61
Adj. R^2	0.60
Num. obs	460.00
RMSE	19.61

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

Interactions with religiosity

Table 16: Effect of fact-check about abortion pills on ratings of Alliance Defending Freedom (0-to-100 scale)

	Model 1
Intercept	27.49 (7.47)***
Control (Medium attendance)	−0.97 (6.04)
Control (High attendance	10.51 (5.86)
Control (Low attendance)	2.32 (3.51)
Fact-check (Medium attendance)	−1.64 (7.95)
Fact-check (High attendance)	13.77 (6.59)*
Fact-check (Low attendance)	−12.70 (3.68)***
R^2	0.31
Adj. R^2	0.29
Num. obs	444.00
RMSE	22.61

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

Table 17: Effect of fact-check about contraception availability on ratings of Seth Gruber (0-to-100 scale)

	Model 1
Intercept	16.97 (5.11)***
Control (Medium attendance)	11.06 (4.14)**
Control (High attendance	−1.27 (7.79)
Control (Low attendance)	0.64 (2.51)
Fact-check (Medium attendance)	−5.38 (4.52)
Fact-check (High attendance)	1.81 (8.23)
Fact-check (Low attendance)	−10.23 (2.61)***
R^2	0.37
Adj. R^2	0.35
Num. obs	422.00
RMSE	17.62

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

Table 18: Effect of fact-check about pregnant 10-year-old on ratings of Americans United For Life (0-to-100 scale)

	Model 1
Intercept	17.81 (5.30)***
Control (Medium attendance)	−9.07 (5.84)
Control (High attendance	7.00 (5.76)
Control (Low attendance)	1.55 (2.85)
Fact-check (Medium attendance)	−11.34 (4.98)*
Fact-check (High attendance)	8.60 (5.29)
Fact-check (Low attendance)	−0.50 (2.82)
R^2	0.60
Adj. R^2	0.58
Num. obs	460.00
RMSE	20.09

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

Other attitudes: abortion laws and penalties

Table 19: Effect of fact-check on attitudes about abortion laws (1-to-4 scale)

	FC1	FC2	FC3
Intercept	0.93 (0.18)***	0.85 (0.16)***	0.88 (0.14)***
Control	0.11 (0.05)*	0.03 (0.05)	−0.03 (0.05)
Fact-check	0.04 (0.05)	−0.03 (0.04)	−0.07 (0.05)
R^2	0.78	0.76	0.79
Adj. R^2	0.77	0.76	0.78
Num. obs.	572	578	584
RMSE	0.45	0.45	0.45

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

Table 20: Effect of fact-check on attitudes about abortion penalties (0-to-4 scale)

	FC1	FC2	FC3
Intercept	0.13 (0.16)	0.14 (0.17)	−0.06 (0.16)
Control	0.00 (0.11)	0.04 (0.09)	−0.01 (0.08)
Fact-check	−0.03 (0.10)	−0.05 (0.09)	0.07 (0.08)
R^2	0.55	0.65	0.68
Adj. R^2	0.54	0.64	0.68
Num. obs.	572	577	584
RMSE	1.00	0.90	0.84

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

Setting up the H1 graph (factual beliefs)

Setting up the Study 1 .Rmd file for more details.

Setting up H2 graph (attitudinal beliefs)

See the Study 1 .Rmd file for more details.

Balance tables

First fact-check (abortion pills):

% latex table generated in R 4.4.1 by xtable 1.8-4 package % Thu Aug 28 13:35:30 2025

	Variable	Control	Fact-check	Misinfo	p-value (c vs fc)	p-value (c vs mis)
1	Age	40.11	41.11	39.70	0.44	0.72
2	Partisanship (7-point scale)	3.19	3.26	3.43	0.72	0.24
3	Share who are college graduates	0.55	0.56	0.63	0.75	0.10
4	Share who are male	0.53	0.52	0.48	0.75	0.27
5	Share who are non-Hispanic White	0.67	0.66	0.66	0.86	0.80
6	Share who have household incomes of $100,000+	0.28	0.26	0.25	0.74	0.49

Second fact-check (contraception):

% latex table generated in R 4.4.1 by xtable 1.8-4 package % Thu Aug 28 13:35:30 2025

	Variable	Control	Fact-check	Misinfo	p-value (c vs fc)	p-value (c vs mis)
1	Age	42.06	41.24	39.94	0.53	0.09
2	Partisanship (7-point scale)	3.07	3.25	3.19	0.39	0.58
3	Share who are college graduates	0.64	0.57	0.54	0.16	0.03
4	Share who are male	0.49	0.48	0.52	0.85	0.55
5	Share who are non-Hispanic White	0.63	0.68	0.68	0.30	0.30
6	Share who have household incomes of $100,000+	0.35	0.26	0.25	0.06	0.03

Third fact-check (10-year-old):

% latex table generated in R 4.4.1 by xtable 1.8-4 package % Thu Aug 28 13:35:30 2025

	Variable	Control	Fact-check	Misinfo	p-value (c vs fc)	p-value (c vs mis)
1	Age	41.71	41.45	39.91	0.84	0.17
2	Partisanship (7-point scale)	3.04	3.25	3.16	0.31	0.54
3	Share who are college graduates	0.63	0.57	0.61	0.19	0.75
4	Share who are male	0.45	0.51	0.55	0.22	0.06
5	Share who are non-Hispanic White	0.63	0.65	0.67	0.69	0.51
6	Share who have household incomes of $100,000+	0.22	0.20	0.24	0.60	0.64