

Supplemental Materials for Report #: CUPES-004

Feel free to contact research@skeptic.com with follow-up questions.

Citations

Citrin, J., & Stoker, L. (2018). Political trust in a cynical age. *Annual Review of Political Science*, 21, 49-70.

Twenge, J. M., Campbell, W. K., & Carter, N. T. (2014). Declines in trust in others and confidence in institutions among American adults and late adolescents, 1972–2012. *Psychological science*, 25(10), 1914-1923.

Figure 1

Participant Filter: The full study included 1401 participants. All participants are included in these analyses.

FREQUENCIES VARIABLES=Trust_News_r Trust_PoliOfficials Trust_Medical Trust_Education
/ORDER=ANALYSIS.

Frequencies

		Statistics			
		Trust_News_Recoded	Political Officials	Hospitals and Doctors	Educational Institutions
N	Valid	1401	1401	1401	1401
	Missing	0	0	0	0

Frequency Table

		Trust_News_Recoded			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	149	10.6	10.6	10.6
	.67	125	8.9	8.9	19.6
	1.33	125	8.9	8.9	28.5
	2.00	265	18.9	18.9	47.4
	2.67	247	17.6	17.6	65.0
	3.33	249	17.8	17.8	82.8
	4.00	241	17.2	17.2	100.0
	Total	1401	100.0	100.0	

		Political Officials			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	156	11.1	11.1	11.1
	1	233	16.6	16.6	27.8
	2	444	31.7	31.7	59.5
	3	321	22.9	22.9	82.4
	4	247	17.6	17.6	100.0
	Total	1401	100.0	100.0	

		Hospitals and Doctors			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	26	1.9	1.9	1.9

1	66	4.7	4.7	6.6
2	244	17.4	17.4	24.0
3	493	35.2	35.2	59.2
4	572	40.8	40.8	100.0
Total	1401	100.0	100.0	

Educational Institutions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	62	4.4	4.4	4.4
	1	102	7.3	7.3	11.7
	2	342	24.4	24.4	36.1
	3	469	33.5	33.5	69.6
	4	426	30.4	30.4	100.0
	Total	1401	100.0	100.0	

Figure 2

Participant Filter: The full study included 1401 participants. For the analyses presented in these figures, 323 participants from the original sample were filtered out because they did not identify as affiliated with the Republican Party or Democratic Party.

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GLM Trust_News_r Trust_PoliOfficials Trust_Medical Trust_Education BY Gender Political_Affiliation
  /WSFACTOR=Institutions 4 Polynomial
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Gender*Political_Affiliation) TYPE=LINE ERRORBAR=NO MEANREFERENCE=NO YAXIS=AUTO
  /EMMEANS=TABLES(Gender*Political_Affiliation)
  /CRITERIA=ALPHA(.05)
  /WSDSIGN=Institutions
  /DESIGN=Gender Political_Affiliation Gender*Political_Affiliation.
```

General Linear Model

Within-Subjects Factors

Measure: MEASURE_1

Institutions	Dependent Variable
1	Trust_News_r
2	Trust_PoliOfficials
3	Trust_Medical
4	Trust_Education

Between-Subjects Factors

		Value Label	N
Gender	1	Male	526
	2	Female	552
Political Affiliation	1	Democratic Party	587
	2	Republican Party	491

Multivariate Tests ^a Effect		Value	F	Hypothesis df	Error df	Sig.
Institutions	Pillai's Trace	.357	198.395 ^b	3.000	1072.000	.000
	Wilks' Lambda	.643	198.395 ^b	3.000	1072.000	.000
	Hotelling's Trace	.555	198.395 ^b	3.000	1072.000	.000
	Roy's Largest Root	.555	198.395 ^b	3.000	1072.000	.000
Institutions * Gender	Pillai's Trace	.032	11.810 ^b	3.000	1072.000	.000

Institutions * Political_Affiliation	Wilks' Lambda	.968	11.810 ^b	3.000	1072.000	.000
	Hotelling's Trace	.033	11.810 ^b	3.000	1072.000	.000
	Roy's Largest Root	.033	11.810 ^b	3.000	1072.000	.000
	Pillai's Trace	.116	46.695 ^b	3.000	1072.000	.000
	Wilks' Lambda	.884	46.695 ^b	3.000	1072.000	.000
	Hotelling's Trace	.131	46.695 ^b	3.000	1072.000	.000
	Roy's Largest Root	.131	46.695 ^b	3.000	1072.000	.000
Institutions * Gender * Political_Affiliation	Pillai's Trace	.023	8.597 ^b	3.000	1072.000	.000
	Wilks' Lambda	.977	8.597 ^b	3.000	1072.000	.000
	Hotelling's Trace	.024	8.597 ^b	3.000	1072.000	.000
	Roy's Largest Root	.024	8.597 ^b	3.000	1072.000	.000

a. Design: Intercept + Gender + Political_Affiliation + Gender * Political_Affiliation Within Subjects Design: Institutions

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b	Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Institutions	.902	110.747	5	.000	.943		.948	.333

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.^a

a. Design: Intercept + Gender + Political_Affiliation + Gender * Political_Affiliation Within Subjects Design: Institutions

b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Institutions	Sphericity Assumed	484.211	3	161.404	247.761	.000
	Greenhouse-Geisser	484.211	2.828	171.235	247.761	.000
	Huynh-Feldt	484.211	2.844	170.262	247.761	.000
	Lower-bound	484.211	1.000	484.211	247.761	.000
Institutions * Gender	Sphericity Assumed	28.834	3	9.611	14.754	.000
	Greenhouse-Geisser	28.834	2.828	10.197	14.754	.000
	Huynh-Feldt	28.834	2.844	10.139	14.754	.000
	Lower-bound	28.834	1.000	28.834	14.754	.000
Institutions * Political_Affiliation	Sphericity Assumed	98.662	3	32.887	50.483	.000
	Greenhouse-Geisser	98.662	2.828	34.890	50.483	.000
	Huynh-Feldt	98.662	2.844	34.692	50.483	.000
	Lower-bound	98.662	1.000	98.662	50.483	.000
Institutions * Gender * Political_Affiliation	Sphericity Assumed	19.556	3	6.519	10.007	.000
	Greenhouse-Geisser	19.556	2.828	6.916	10.007	.000
	Huynh-Feldt	19.556	2.844	6.877	10.007	.000
	Lower-bound	19.556	1.000	19.556	10.007	.002
Error(Institutions)	Sphericity Assumed	2098.964	3222	.651		
	Greenhouse-Geisser	2098.964	3037.008	.691		
	Huynh-Feldt	2098.964	3054.361	.687		
	Lower-bound	2098.964	1074.000	1.954		

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Institutions	Type III Sum of Squares	df	Mean Square	F	Sig.
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Institutions	Linear	266.429	1	266.429	383.462	.000
	Quadratic	14.537	1	14.537	23.519	.000
	Cubic	203.245	1	203.245	316.856	.000
Institutions * Gender	Linear	20.485	1	20.485	29.483	.000
	Quadratic	2.325	1	2.325	3.762	.053
	Cubic	6.023	1	6.023	9.390	.002
Institutions * Political_Affiliation	Linear	8.300	1	8.300	11.946	.001
	Quadratic	69.340	1	69.340	112.182	.000
	Cubic	21.022	1	21.022	32.773	.000
Institutions * Gender * Political_Affiliation	Linear	11.308	1	11.308	16.275	.000
	Quadratic	8.235	1	8.235	13.323	.000
	Cubic	.014	1	.014	.021	.884
Error(Institutions)	Linear	746.214	1074	.695		
	Quadratic	663.840	1074	.618		
	Cubic	688.910	1074	.641		

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	31547.711	1	31547.711	11912.320	.000
Gender	228.752	1	228.752	86.376	.000
Political_Affiliation	9.229	1	9.229	3.485	.062
Gender * Political_Affiliation	37.376	1	37.376	14.113	.000
Error	2844.302	1074	2.648		

Estimated Marginal Means

Gender * Political Affiliation

Measure: MEASURE_1

Gender	Political Affiliation	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
Male	Democratic Party	2.904	.049	2.807	3.000
	Republican Party	2.998	.051	2.898	3.098
Female	Democratic Party	2.628	.046	2.538	2.718
	Republican Party	2.348	.053	2.244	2.451