

**Supplemental Materials for Registered Report: Cognitive Ability, But Not Cognitive Reflection Predicts Expressing Greater Political Animosity and Favouritism**

Note: We intend for these Supplemental Materials to be provided for interested readers on the osf page we link in our manuscript:

[https://osf.io/t68z4/?view\\_only=d49d4f006864411a9592b8e76400eed7](https://osf.io/t68z4/?view_only=d49d4f006864411a9592b8e76400eed7)

## **Table of Contents: Information Included in Supplemental Materials**

---

Groups rated Studies 1 and 2	3
Results from Studies 1 and 2 without control variables	5
Correlation between cognitive ability and conservatism	7
Group specific models Studies 1 and 2	8
Group specific models among conservatives only Studies 1 and 2	21
Detailed description of Ideology2.0 data collection	29
Ideology2.0 target pairs	31
CRT items in Ideology2.0 data collection	32
Ideology2.0 results with PMM imputed CRT items	33
Ideology2.0 results without participant random effects	37
Ideology2.0 group specific models	41
Ideology2.0 group specific models among conservatives only	46
Ideology2.0 exploratory absolute measure analyses	49
Ideology2.0 results without control variables	54
Correlation between cognitive reflection and conservatism	57
Full study materials for new group ideology ratings for Ideology2.0	Osf page

---

## **Groups Included in Feeling Thermometer Ratings 2012 and 2016**

### **2012**

1. Christian Fundamentalists
2. Catholics
3. Feminists
4. Liberals
5. Middle Class People
6. Labor Unions
7. Poor People
8. The Military
9. Big Business
10. People on Welfare
11. Conservatives
12. Working Class People
13. Gay Men and Lesbians
14. Rich People
15. Muslims
16. Christians
17. Atheists
18. Mormons
19. Tea Party
20. Asian Americans
21. Hispanics
22. Blacks
23. Illegal Immigrants
24. Whites

### **2016**

1. Christian Fundamentalists
2. Feminists
3. Poor People
4. Liberals
5. Labor Unions
6. Big Business
7. Conservatives
8. Gay Men and Lesbians
9. Muslims
10. Christians
11. Asian Americans
12. Hispanics
13. Blacks
14. Illegal Immigrants
15. Whites
16. Transgender People
17. Jews
18. Scientists
19. Police

- 20. Rich People
- 21. Tea Party

## Results from Studies 1 and 2 Without Control Variables

**Table SA**

*Fixed Effects 2012 and 2016 ANES  
Main Effects Models with No Controls  
No Ideology*

<b>Variable</b>	<b>2016 ANES Model</b> Coefficient (Standard Error)	<b>2012 ANES Model</b> Coefficient (Standard Error)
Intercept	.39 (.03)	.43 (.03)
Cognitive Ability	-.002 (.008)	.03*** (.006)

**Table SB**

*Fixed Effects 2012 and 2016 ANES  
Main Effects Models with No Controls  
With Ideology*

<b>Variable</b>	<b>2016 ANES Model</b> Coefficient (Standard Error)	<b>2012 ANES Model</b> Coefficient (Standard Error)
Intercept	.38 (.03)	.43 (.03)
Cognitive Ability	.002 (.009)	.04*** (.006)
Ideology of Respondent	-.005 (.007)	.007 (.006)

**Table SC**

*Fixed Effects 2012 and 2016 ANES  
Models with No Controls Two Way  
Interaction*

<b>Variable</b>	<b>2016 ANES Model</b> Coefficient (Standard Error)	<b>2012 ANES Model</b> Coefficient (Standard Error)
Intercept	.38 (.03)	.43 (.03)
Ideology of Group	.06 (.10)	-.03 (.13)
Cognitive Ability	-.008 (.008)	.03*** (.006)

Ideology of Respondent	.06*** (.01)	.04*** (.00)
Ideology of Group* Cognitive Ability	.25*** (.03)	.22*** (.02)
Cognitive Ability *Ideology of Respondent	-.009 (.03)	-.06* (.03)
Ideology of Group*Ideology of Respondent	-1.42*** (.02)	-1.40*** (.02)

**Table SD**

*Fixed Effects 2012 and 2016 ANES Models with No Controls, 3 Way Interaction*

<b>Variable</b>	<b>2016 ANES Model</b> Coefficient (Standard Error)	<b>2012 ANES Model</b> Coefficient (Standard Error)
Intercept	.38 (.03)	.43 (.03)
Ideology of Group	.05 (.10)	-.03 (.12)
Cognitive Ability	-.008 (.008)	.03*** (.006)
Ideology of Respondent	.05*** (.00)	.04*** (.00)
Ideology of Group* Cognitive Ability	.26*** (.03)	.22*** (.02)
Cognitive Ability *Ideology of Respondent	.03 (.03)	-.02 (.02)
Ideology of Group*Ideology of Respondent	-1.37*** (.02)	-1.37*** (.02)
Ideology of Group*Ideology of Respondent* Cognitive Ability	-.89*** (.10)	-1.67*** (.08)

*Note* \* p < .05 \*\* p < .01 \*\*\* p < .001

**Table SE: Correlation Between Cognitive Ability and Ideology in the 2012 and 2016 ANES Datasets**

2012 ANES	2016 ANES
-.004	-.07

**Table SF: Group Specific Models- 2012 and 2016 ANES  
2012 Group Specific Results:**

Table 1 : Christian Fundamentalists

<b>term</b>	<b>estim ate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.533	0.004	151.743	0
Ideology of Respondent	-0.412	0.014	-28.837	0
Cognitive Ability	0.338	0.015	22.129	0
Ideology of Respondent* Cognitive Ability	-0.826	0.061	-13.439	0

Table 2 : Catholics

<b>term</b>	<b>estim ate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.401	0.003	118.003	0
Ideology of Respondent	-0.174	0.014	-12.576	0
Cognitive Ability	0.100	0.015	6.768	0
Ideology of Respondent* Cognitive Ability	-0.325	0.059	-5.485	0

Table 3 : Feminists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.483	0.003	151.600	0.00
Ideology of Respondent	0.369	0.013	28.446	0.00
Cognitive Ability	0.024	0.014	1.754	0.08
Ideology of Respondent* Cognitive Ability	0.538	0.056	9.627	0.00



Table 4 : Liberals

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.504	0.003	172.520	0
Ideology of Respondent	0.663	0.012	55.928	0
Cognitive Ability	0.057	0.013	4.491	0
Ideology of Respondent* Cognitive Ability	0.643	0.051	12.625	0

Table 5 : Middle Class People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.235	0.003	90.172	0.000
Ideology of Respondent	0.019	0.011	1.823	0.068
Cognitive Ability	0.008	0.011	0.744	0.457
Ideology of Respondent* Cognitive Ability	0.022	0.045	0.486	0.627

Table 6 : Labor Unions

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.496	0.004	141.674	0
Ideology of Respondent	0.421	0.014	29.591	0
Cognitive Ability	0.160	0.015	10.522	0
Ideology of Respondent* Cognitive Ability	0.589	0.061	9.630	0

Table 7 : Poor People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.306	0.003	103.963	0.000
Ideology of Respondent	0.085	0.012	7.103	0.000
Cognitive Ability	0.108	0.013	8.480	0.000

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	-0.001	0.051	-0.020	0.984

Table 8 : The Military

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.203	0.003	70.101	0
Ideology of Respondent	-0.179	0.012	-15.189	0
WORDSUM	0.122	0.013	9.664	0
Ideology of Respondent*Cognitive Ability	-0.460	0.051	-9.106	0

Table 9 : Big Business

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.522	0.003	161.201	0
Ideology of Respondent	-0.294	0.013	-22.274	0
Cognitive Ability	0.158	0.014	11.234	0
Ideology of Respondent* Cognitive Ability	-0.465	0.057	-8.226	0

Table 10 : People on Welfare

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.496	0.003	158.718	0.00
Ideology of Respondent	0.215	0.013	16.874	0.00
Cognitive Ability	0.089	0.014	6.581	0.00
Ideology of Respondent* Cognitive Ability	0.141	0.055	2.581	0.01

Table 11 : Conservatives

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.484	0.003	172.105	0
Ideology of Respondent	-0.591	0.011	-51.641	0
Cognitive Ability	0.076	0.012	6.188	0
Ideology of Respondent* Cognitive Ability	-0.594	0.049	-12.059	0

Table 12 : Working Class People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.173	0.002	70.870	0.000
Ideology of Respondent	-0.018	0.010	-1.769	0.077
Cognitive Ability	0.080	0.011	7.542	0.000
Ideology of Respondent* Cognitive Ability	-0.015	0.042	-0.357	0.721

Table 13 : Gay Men and Lesbians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.467	0.004	127.345	0
Ideology of Respondent	0.418	0.015	27.998	0
Cognitive Ability	-0.143	0.016	-8.983	0
Ideology of Respondent* Cognitive Ability	0.279	0.064	4.361	0

Table 14 : Rich People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.502	0.003	156.210	0.000
Ideology of Respondent	-0.236	0.013	-18.056	0.000
Cognitive Ability	-0.018	0.014	-1.297	0.195

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	-0.332	0.056	-5.922	0.000

Table 15 : Muslims

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.549	0.003	166.433	0.000
Ideology of Respondent	0.238	0.013	17.734	0.000
Cognitive Ability	-0.014	0.014	-1.004	0.316
Ideology of Respondent* Cognitive Ability	0.144	0.058	2.504	0.012

Table 16 : Christians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.288	0.003	92.153	0
Ideology of Respondent	-0.248	0.013	-19.500	0
Cognitive Ability	0.140	0.014	10.303	0
Ideology of Respondent* Cognitive Ability	-0.283	0.054	-5.204	0

Table 17 : Atheists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.605	0.004	168.258	0
Ideology of Respondent	0.271	0.015	18.513	0
Cognitive Ability	-0.220	0.016	-14.004	0
Ideology of Respondent* Cognitive Ability	0.400	0.063	6.318	0

Table 18 : Mormons

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.502	0.003	159.188	0
Ideology of Respondent	-0.181	0.013	-14.090	0
Cognitive Ability	-0.085	0.014	-6.150	0
Ideology of Respondent* Cognitive Ability	-0.259	0.056	-4.654	0

Table 19 : Tea Party

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.604	0.003	178.843	0
Ideology of Respondent	-0.570	0.014	-41.410	0
Cognitive Ability	0.122	0.015	8.301	0
Ideology of Respondent* Cognitive Ability	-0.821	0.059	-13.919	0

Table 20 : Asian American

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.339	0.003	117.352	0.000
Ideology of Respondent	0.048	0.012	4.076	0.000
Cognitive Ability	-0.161	0.013	-12.801	0.000
Ideology of Respondent* Cognitive Ability	0.028	0.051	0.546	0.585

Table 21 : Hispanics

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.338	0.003	105.926	0.000
Ideology of Respondent	0.107	0.013	8.233	0.000
Cognitive Ability	-0.081	0.014	-5.841	0.000

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	0.013	0.056	0.237	0.813

Table 22 : Blacks

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.328	0.003	103.382	0.000
Ideology of Respondent	0.127	0.013	9.838	0.000
Cognitive Ability	0.006	0.014	0.455	0.649
Ideology of Respondent* Cognitive Ability	0.032	0.055	0.581	0.561

Table 23 : Illegal Immigrants

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.587	0.004	157.711	0.000
Ideology of Respondent	0.311	0.015	20.562	0.000
Cognitive Ability	0.048	0.016	2.942	0.003
Ideology of Respondent* Cognitive Ability	0.275	0.065	4.215	0.000

Table 24 : Whites

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.280	0.003	100.368	0.000
Ideology of Respondent	-0.039	0.011	-3.447	0.001
Cognitive Ability	-0.078	0.012	-6.458	0.000
Ideology of Respondent* Cognitive Ability	0.080	0.049	1.634	0.102

## 2016 Group Specific Results:

Table 1 : Christian Fundamentalists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.512	0.005	111.064	0
Ideology of Respondent	-0.485	0.018	-27.380	0
Cognitive Ability	0.309	0.021	14.999	0
Ideology of Respondent* Cognitive Ability	-0.448	0.079	-5.664	0

Table 2 : Feminists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.429	0.004	99.764	0
Ideology of Respondent	0.486	0.017	29.366	0
Cognitive Ability	-0.079	0.019	-4.071	0
Ideology of Respondent* Cognitive Ability	0.529	0.074	7.123	0

Table 3 : Liberals

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.468	0.004	119.583	0.00
Ideology of Respondent	0.687	0.015	45.738	0.00
Cognitive Ability	-0.019	0.018	-1.057	0.29
Ideology of Respondent* Cognitive Ability	0.319	0.067	4.738	0.00

Table 4 : Labor Unions

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.433	0.004	100.016	0
Ideology of Respondent	0.345	0.017	20.727	0
Cognitive Ability	0.121	0.019	6.249	0

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	0.403	0.074	5.427	0

Table 5 : Poor People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.275	0.004	74.122	0.000
Ideology of Respondent	0.050	0.014	3.478	0.001
Cognitive Ability	0.002	0.017	0.135	0.892
Ideology of Respondent* Cognitive Ability	0.175	0.063	2.757	0.006

Table 6 : Big Business

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.505	0.004	125.371	0
Ideology of Respondent	-0.266	0.015	-17.236	0
Cognitive Ability	0.117	0.018	6.474	0
Ideology of Respondent* Cognitive Ability	-0.309	0.069	-4.480	0

Table 7 : Conservatives

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.446	0.004	118.063	0
Ideology of Respondent	-0.621	0.015	-42.703	0
Cognitive Ability	0.069	0.017	4.092	0
Ideology of Respondent* Cognitive Ability	-0.326	0.065	-5.010	0



Table 8 : Gay Men and Lesbians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.372	0.005	82.022	0.000
Ideology of Respondent	0.472	0.017	27.022	0.000
Cognitive Ability	-0.165	0.020	-8.145	0.000
Ideology of Respondent* Cognitive Ability	0.074	0.078	0.941	0.347

Table 9 : Muslims

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.438	0.004	97.322	0.00
Ideology of Respondent	0.363	0.017	20.978	0.00
Cognitive Ability	-0.088	0.020	-4.357	0.00
Ideology of Respondent* Cognitive Ability	0.179	0.077	2.324	0.02

Table 10 : Christians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.255	0.004	60.329	0.000
Ideology of Respondent	-0.331	0.016	-20.364	0.000
Cognitive Ability	0.073	0.019	3.881	0.000
Ideology of Respondent* Cognitive Ability	-0.151	0.072	-2.082	0.037

Table 11 : Asian American

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.293	0.004	77.863	0.000
Ideology of Respondent	0.081	0.014	5.600	0.000
Cognitive Ability	-0.134	0.017	-7.897	0.000

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	0.085	0.065	1.318	0.188

Table 12 : Hispanics

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.301	0.004	76.993	0.000
Ideology of Respondent	0.121	0.015	8.069	0.000
Cognitive Ability	-0.084	0.018	-4.772	0.000
Ideology of Respondent* Cognitive Ability	0.121	0.067	1.794	0.073

Table 13 : Blacks

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.306	0.004	77.803	0.000
Ideology of Respondent	0.151	0.015	10.004	0.000
Cognitive Ability	-0.048	0.018	-2.721	0.007
Ideology of Respondent* Cognitive Ability	0.040	0.068	0.595	0.552

Table 14 : Illegal Immigrants

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.573	0.005	120.373	0.000
Ideology of Respondent	0.430	0.018	23.549	0.000
Cognitive Ability	0.016	0.021	0.761	0.447
Ideology of Respondent* Cognitive Ability	0.270	0.082	3.300	0.001

Table 15 : Whites

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.279	0.004	75.648	0.000
Ideology of Respondent	-0.082	0.014	-5.749	0.000
Cognitive Ability	-0.031	0.017	-1.895	0.058
Ideology of Respondent* Cognitive Ability	0.037	0.064	0.581	0.561

Table 16 : Transgender People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.426	0.005	93.617	0.000
Ideology of Respondent	0.493	0.018	28.043	0.000
Cognitive Ability	-0.124	0.020	-6.064	0.000
Ideology of Respondent* Cognitive Ability	0.051	0.079	0.639	0.523

Table 17 : Jews

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.276	0.004	69.626	0.000
Ideology of Respondent	0.027	0.015	1.796	0.073
Cognitive Ability	-0.148	0.018	-8.379	0.000
Ideology of Respondent* Cognitive Ability	0.176	0.068	2.605	0.009

Table 18 : Scientists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.222	0.004	62.708	0.000
Ideology of Respondent	0.193	0.014	14.197	0.000
Cognitive Ability	-0.085	0.016	-5.367	0.000

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Ideology of Respondent* Cognitive Ability	0.209	0.061	3.445	0.001

Table 19 : Police

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.249	0.004	61.832	0.000
Ideology of Respondent	-0.270	0.016	-17.397	0.000
Cognitive Ability	-0.057	0.018	-3.172	0.002
Ideology of Respondent* Cognitive Ability	-0.012	0.069	-0.168	0.867

Table 20 : Rich

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.458	0.004	120.251	0.000
Ideology of Respondent	-0.184	0.015	-12.585	0.000
Cognitive Ability	-0.030	0.017	-1.752	0.080
Ideology of Respondent* Cognitive Ability	-0.043	0.065	-0.665	0.506

Table 21 : Tea Party

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.567	0.004	133.385	0
Ideology of Respondent	-0.515	0.016	-31.628	0
Cognitive Ability	0.209	0.019	10.988	0
Ideology of Respondent* Cognitive Ability	-0.729	0.073	-10.035	0

## Table SG: Group Specific Models Among Conservatives Only Studies 1 and 2

### 2012 Results:

Table 1 : Christian Fundamentalists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.413	0.006	69.215	0
Cognitive Ability	0.112	0.028	4.057	0

Table 2 : Catholics

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.342	0.005	64.557	0.000
Cognitive Ability	0.019	0.025	0.778	0.437

Table 3 : Feminists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.585	0.006	105.211	0
Cognitive Ability	0.177	0.026	6.850	0

Table 4 : Liberals

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.694	0.006	124.301	0
Cognitive Ability	0.255	0.026	9.863	0

Table 5 : Middle Class People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.236	0.004	56.519	0.000
Cognitive Ability	0.044	0.019	2.269	0.023

Table 6 : Labor Unions

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.622	0.006	101.714	0
Cognitive Ability	0.357	0.028	12.618	0

Table 7 : Poor People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.329	0.005	67.667	0
Cognitive Ability	0.112	0.022	4.972	0

Table 8 : The Military

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.153	0.004	36.488	0.000
Cognitive Ability	0.032	0.019	1.650	0.099

Table 9 : Big Business

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.427	0.005	81.266	0.000
Cognitive Ability	0.050	0.024	2.063	0.039

Table 10 : People on Welfare

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.550	0.005	106.793	0
Cognitive Ability	0.146	0.024	6.110	0

Table 11 : Conservatives

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.303	0.005	62.667	0.000
Cognitive Ability	-0.075	0.022	-3.337	0.001

Table 12 : Working Class People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.166	0.004	42.894	0
Cognitive Ability	0.102	0.018	5.696	0

Table 13 : Gay Men and Lesbians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.583	0.006	94.315	0.000
Cognitive Ability	-0.065	0.029	-2.282	0.023

Table 14 : Rich People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.421	0.005	83.961	0
Cognitive Ability	-0.097	0.023	-4.192	0

Table 15 : Muslims

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.614	0.006	107.269	0.000
Cognitive Ability	0.018	0.027	0.666	0.506

Table 16 : Christians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.214	0.005	44.253	0.000
Cognitive Ability	0.062	0.022	2.787	0.005

Table 17 : Atheists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.677	0.006	115.124	0
Cognitive Ability	-0.114	0.027	-4.173	0

Table 18 : Mormons

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.444	0.005	85.255	0
Cognitive Ability	-0.149	0.024	-6.166	0

Table 19 : Tea Party

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.435	0.006	72.233	0
Cognitive Ability	-0.107	0.028	-3.860	0

Table 20 : Asian American

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.344	0.005	72.895	0
Cognitive Ability	-0.143	0.022	-6.498	0

Table 21 : Hispanics

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.359	0.005	70.226	0.000
Cognitive Ability	-0.060	0.024	-2.547	0.011

Table 22 : Blacks

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.359	0.005	69.747	0.000
Cognitive Ability	0.037	0.024	1.530	0.126

Table 23 : Illegal Immigrants

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.668	0.006	111.454	0
Cognitive Ability	0.118	0.028	4.246	0



Table 24 : Whites

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.263	0.004	60.344	0.000
Cognitive Ability	-0.030	0.020	-1.483	0.138

## 2016 Results

Table 1 : Christian Fundamentalists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.374	0.008	49.725	0
Cognitive Ability	0.170	0.036	4.730	0

Table 2 : Feminists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.567	0.007	76.795	0.000
Cognitive Ability	0.071	0.035	2.010	0.045

Table 3 : Liberals

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.666	0.007	93.214	0.000
Cognitive Ability	0.109	0.034	3.187	0.001

Table 4 : Labor Unions

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.536	0.007	73.947	0
Cognitive Ability	0.224	0.035	6.473	0

Table 5 : Poor People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.289	0.006	48.573	0.000

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
Cognitive Ability	0.026	0.028	0.919	0.358

Table 6 : Big Business

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.426	0.006	69.083	0.00
Cognitive Ability	0.034	0.029	1.151	0.25

Table 7 : Conservatives

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.264	0.006	43.447	0.000
Cognitive Ability	-0.041	0.029	-1.410	0.159

Table 8 : Gay Men and Lesbians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.495	0.008	63.584	0
Cognitive Ability	-0.149	0.037	-3.998	0

Table 9 : Muslims

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.531	0.008	70.588	0.000
Cognitive Ability	-0.007	0.036	-0.207	0.836

Table 10 : Christians

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.159	0.006	27.574	0.000
Cognitive Ability	0.029	0.027	1.071	0.284

Table 11 : Asian American

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.305	0.006	53.080	0
Cognitive Ability	-0.109	0.028	-3.953	0

Table 12 : Hispanics

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.328	0.006	52.849	0.000
Cognitive Ability	-0.045	0.030	-1.506	0.132

Table 13 : Blacks

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.343	0.006	55.355	0.000
Cognitive Ability	-0.045	0.030	-1.500	0.134

Table 14 : Illegal Immigrants

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.691	0.008	91.311	0.000
Cognitive Ability	0.096	0.036	2.656	0.008

Table 15 : Whites

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.251	0.005	46.320	0.000
Cognitive Ability	-0.026	0.026	-1.001	0.317

Table 16 : Transgender People

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.553	0.008	72.089	0.000
Cognitive Ability	-0.093	0.037	-2.529	0.012

Table 17 : Jews

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.269	0.006	43.965	0.000
Cognitive Ability	-0.092	0.029	-3.145	0.002

Table 18 : Scientists

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.272	0.006	45.188	0.000
Cognitive Ability	-0.011	0.029	-0.367	0.714

Table 19 : Police

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.170	0.006	30.60	0.000
Cognitive Ability	-0.026	0.027	-0.98	0.327

Table 20 : Rich

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.396	0.006	68.913	0.000
Cognitive Ability	-0.014	0.027	-0.503	0.615

Table 21 : Tea Party

<b>term</b>	<b>estimate</b>	<b>std.error</b>	<b>statistic</b>	<b>p.value</b>
(Intercept)	0.416	0.007	60.570	0.000
Cognitive Ability	-0.014	0.033	-0.429	0.668

### **Supplemental Materials: Detailed Discussion of Ideology2.0 Data Collection Procedure**

The Ideology2.0 dataset (Schmidt et al., 2022) was collected from the Project Implicit website. In late 2022, the proprietors of the dataset released a call for registered reports. Along with the call they released 22 percent of the dataset to facilitate the writing of pseudo code, and a masked version of the full dataset to facilitate sample size analysis. They withheld from authors, however, a confirmatory dataset which will only be provided if our Stage 1 registered report receives in principle acceptance. It is this confirmatory dataset, to which we have not had prior access, that we will use in Study 3. A letter from the proprietors of the Ideology2.0 dataset attesting that we have not had prior access to the confirmatory data was provided to the BJPS editor in chief prior to our submission of this registered report. Below, we provide a detailed description of the Ideology2.0 study design.

Participants were people who visited the Project Implicit website and were randomly assigned to complete the Ideology2.0 study, which was one of several studies fielded by Project Implicit researchers. First, participants provided basic demographic information and session information was recorded. Participants were then randomly assigned to one of two study designs. Participants assigned to design A completed implicit and explicit measures of 1 of 52 possible topics. Implicit and explicit measures included a standard or single target IAT, a 1-item relative preference (or liking) measure, and 8 of 20 possible explicit measures. They were then randomly assigned to complete 4 items each from 5 of 25 possible scales or sets of scales, and 8 items from a pool of 186 items. Participants assigned to design B completed implicit and explicit measures for 2 of 52 possible topics including standard and single-topic IATs and a 1-item relative preference (or liking) measure. They were then randomly assigned to complete 4 items each from 2 of 25 possible scales, and 6 items each from a pool of 186 items. Although participants assigned to

design B have multiple rows in the dataset, they have anonymized user IDs that can be used to track and account for repeated observations. We detail how we account for these repeated observations when discussing our modeling strategy in the manuscript. In short, we handle this by including a random intercept for participant in our multilevel models.

## Target Pairs in Ideology2.0 Dataset

### Table SH

#### *Target Groups in Ideology2.0 Data*

Target 1	Target 2
Gay people	Straight people
Non-Profits	Corporations
Labor	Management
Foreign people	Local people
Black people	White people
Mothers	Fathers
Democrats	Republicans
Liberals	Conservatives
Religious People	Atheists
Religion	Science
Capitalism	Socialism

**Supplemental Materials: CRT Items**

1. A bat and a ball cost \$1.10 in total. The bat costs \$1 more than the ball. How much does the ball cost?
2. If it takes 5 identical machines 5 minutes to make 5 widgets, how long would it take 1 machine to make 1 widget?
3. 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 it to cover half the lake?



**Table SI**

*Fixed Effects from Main Effects Models in the Ideology2.0 Dataset Excluding and Including Respondent Ideology for PMM Imputed CRT*

Variable	Ideology2.0			
	Without Respondent Ideology		With Respondent Ideology	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
Age	.03 (.017)	.01 (.007)	.03 (.016)	.01 (.008)
Ideological Difference	.34* (.15)	.27* (.12)	.34* (.14)	.27* (.12)
Education	.01 (.01)	.007 (.007)	.01 (.01)	.008 (.007)
Gender (1= Male)	.0004 (.005)	.007 (.01)	.0007 (.006)	.002 (.01)
Design (1= B)	.003 (.004)	.007 (.01)	.003 (.004)	.006 (.01)
White People v. Non-White People	.014 (.008)	.04 (.02)	.014 (.007)	.04 (.02)
Black People vs. Other Non-White People Except Whites	-.005 (.01)	-.001 (.03)	-.005 (.01)	-.001 (.03)
Hispanic People vs. Other Non-White People Except Blacks and Whites	-.03 (.01)	-.07 (.04)	-.02 (.01)	-.07 (.04)
<b>Cognitive Reflection Ideology of Respondent</b>	.001 (.01) - -	.0009 (.01) - -	.0009 (.01) -.004 (.01)	.0008 (.01) -.003 (.01)

*Note:* The dependent variable is the absolute value of the untransformed preference variable (-3 preference for liberal group, 3 preference for conservative group) recoded to range from 0-1. \* $p < .05$ , \*\* $p < .01$ ; \*\*\* $p < .001$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable. For categorical variables,  $\beta$  represents expected standard deviation change in the dependent variable if a member of the category.

**Table SJ***Fixed Effects of Two-Way and Three-Way Interaction Models Ideology2.0 PMM Imputed Data*

Variable	Two Way Interaction		Three Way Interaction	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
Age	-.01 (.01)	-.007 (.007)	-.01 (.01)	-.007 (.007)
Ideological Difference	.001 (.17)	-.12 (.16)	.002 (.17)	-.12 (.16)
Education	.0003 (.01)	.0001 (.009)	.0003 (.01)	.0001 (.009)
Gender (1= Male)	-.002 (.004)	-.0004 (.01)	-.002 (.004)	-.00005 (.01)
Design (1= B)	.001 (.003)	.004 (.01)	.001 (.004)	.004 (.01)
White People v. Non-White People	.006 (.006)	.02 (.02)	.006 (.007)	.02 (.02)
Black People vs. Other Non-White People Except Whites	.007 (.009)	.02 (.03)	.008 (.009)	.02 (.03)
Hispanic People vs. Other Non-White People Except Blacks and Whites	-.01 (.01)	-.04* (.04)	-.01 (.01)	-.04 (.03)
Cognitive Reflection	-.01 (.01)	-.01 (.01)	-.01 (.01)	-.01 (.01)
Ideology of Respondent	.31*** (.02)	.28*** (.02)	.32*** (.02)	.28*** (.02)
Cognitive Reflection*Ideology of Respondent	.01 (.03)	.004 (.007)	.01 (.03)	.005 (.008)
Cognitive Reflection*Ideological Difference	-.05 (.04)	-.01 (.01)	-.04 (.04)	-.01 (.01)
Ideological Difference*Ideology of Respondent	.97*** (.04)	.26*** (.01)	.97*** (.04)	.26*** (.01)
<b>Ideological Difference* Cognitive Reflection*Ideology of Participant</b>	-	-	<b>.03 (.07)</b>	<b>.002 (.006)</b>

*Note:* The outcome variable is preference for liberal (0) or conservative (1) group in the pair. \* $p < .05$ , \*\* $p < .01$ ; \*\*\* $p < .001$ .  $b$  represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable. For categorical variables,  $\beta$  represents expected standard deviation change in the dependent variable if a member of the category.

**Table SK***Simple Slopes Analysis pmm Imputed Ideology2.0 Data*

	Ideology2.0					
	Liberal participants (Midpoint -1 SD)			Conservative participants (Midpoint +1 SD)		
	b	SE	$\beta$	b	SE	$\beta$
Lower Cognitive Reflection (Mean -1 SD)	-.39*	.17	-.37*	.15	.17	.14
Higher Cognitive Reflection (Mean +1 SD)	-.42*	.17	-.40*	.13	.17	.12

*Note:* Simple slopes analysis for the three-way interaction of interest for testing hypotheses 2-3. There is no evidence in support of either hypothesis 2 or hypothesis 3.  $*p < .05$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable. For categorical variables,  $\beta$  represents expected standard deviation change in the dependent variable if a member of the category.

**Table SL**

*Fixed Effects from Main Effects Models in the Ideology2.0 Dataset Without Participant Random Effects*

Variable	Ideology2.0			
	Without Respondent Ideology		With Respondent Ideology	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
Age	.03 (.015)	.01 (.007)	.03 (.015)	.01 (.007)
Ideological Difference	.32* (.14)	.25* (.11)	.32* (.14)	.25* (.11)
Education	.01 (.01)	.008 (.007)	.01 (.01)	.007 (.007)
Gender (1= Male)	.002 (.005)	.006 (.01)	.003 (.006)	.007 (.01)
Design (1= B)	.004 (.005)	.01 (.01)	.004 (.005)	.01 (.01)
White People v. Non-White People	.016 (.007)	.04 (.02)	.016 (.007)	.04 (.02)
Black People vs. Other Non-White People Except Whites	.001 (.01)	.004 (.03)	.001 (.01)	.004 (.03)
Hispanic People vs. Other Non-White People Except Blacks and Whites	-.02 (.01)	-.06 (.04)	-.02 (.01)	-.06 (.03)
<b>Cognitive Reflection Ideology of Respondent</b>	-.003 (.02) - -	-.0001 (.01) - -	-.0009 (.01) -.006 (.01)	-.0007 (.01) -.005 (.01)

*Note:* The dependent variable is the absolute value of the untransformed preference variable (-3 preference for liberal group, 3 preference for conservative group) recoded to range from 0-1. \* $p < .05$ , \*\* $p < .01$ ; \*\*\* $p < .001$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable. For categorical variables,  $\beta$  represents expected standard deviation change in the dependent variable if a member of the category.

**Table SM**

*Fixed Effects of Two-Way and Three-Way Interaction Models Ideology2.0 Without Participant Random Effects*

Variable	Two Way Interaction		Three Way Interaction	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
Age	-.01 (.02)	-.007 (.009)	-.01 (.02)	-.007 (.009)
Ideological Difference	.01 (.17)	-.11 (.16)	.01 (.17)	-.11 (.16)
Education	.0007 (.01)	.0006 (.009)	.0007 (.01)	.0006 (.009)
Gender (1= Male)	-.001 (.004)	-.004 (.01)	-.001 (.004)	-.004 (.01)
Design (1= B)	.001 (.003)	.004 (.01)	.001 (.003)	.004 (.01)
White People v. Non-White People	.008 (.004)	.03 (.02)	.008 (.005)	.03 (.02)
Black People vs. Other Non-White People Except Whites	.004 (.008)	.01 (.02)	.004 (.008)	.01 (.02)
Hispanic People vs. Other Non-White People Except Blacks and Whites	-.01 (.01)	-.04 (.03)	-.01 (.01)	-.04 (.04)
Cognitive Reflection	-.007 (.01)	-.008 (.01)	-.007 (.01)	-.007 (.01)
Ideology of Respondent	.32*** (.01)	.28*** (.01)	.32*** (.01)	.28*** (.01)
Cognitive Reflection*Ideology of Respondent	.003 (.03)	.001 (.007)	.003 (.03)	.005 (.007)
Cognitive Reflection*Ideological Difference	-.04 (.03)	-.01 (.01)	-.04 (.03)	-.01 (.007)
Ideological Difference*Ideology of Respondent	.97*** (.03)	.25*** (.01)	.97*** (.03)	.26*** (.01)
<b>Ideological Difference* Cognitive</b>	-	-	<b>.02 (.06)</b>	<b>.002 (.005)</b>

## Reflection\*Ideology of Participant

---

*Note:* The outcome variable is preference for liberal (0) or conservative (1) group in the pair. \* $p < .05$ , \*\* $p < .01$ ; \*\*\* $p < .001$ .  $b$  represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable. For categorical variables,  $\beta$  represents expected standard deviation change in the dependent variable if a member of the category.

**Table SN***Simple Slopes Analysis Without Participant Random Effects*

	Ideology2.0					
	Liberal participants (Midpoint -1 SD)			Conservative participants (Midpoint +1 SD)		
	b	SE	$\beta$	b	SE	$\beta$
Lower Cognitive Reflection (Mean -1 SD)	-.39*	.17	-.37*	.15	.17	.14
Higher Cognitive Reflection (Mean +1 SD)	-.42*	.17	-.40*	.13	.17	.12

*Note:* Simple slopes analysis for the three-way interaction of interest for testing hypotheses 2-3. There is no evidence in support of either hypothesis 2 or hypothesis 3.  $*p < .05$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable.



## Tables SO

### *Group Specific Regression Results Ideology2.0 Dataset*

Target: Black/White	b (SE)
Intercept	.58*** (.06)
Ideology	.14 (.11)
Cognitive Reflection	.10 (.11)
Ideology*Cognitive Reflection	.05 (.20)

---

Target: Democrat/Republican	b (SE)
Intercept	.43*** (.06)
Ideology	.91*** (.12)
Cognitive Reflection	.03 (.11)
Ideology*Cognitive Reflection	.01 (.20)

---

Target: Foreign/Local	b (SE)
Intercept	.57*** (.14)

---

Ideology	.02 (.13)
Cognitive Reflection	.003 (.12)
Ideology*Cognitive Reflection	.003 (.22)

---



---

Target: Gay/Straight	b (SE)
Intercept	.79*** (.07)
Ideology	.36*** (.13)
Cognitive Reflection	-.07 (.14)
Ideology*Cognitive Reflection	.10 (.23)

---



---

Target: Labor/Management	b (SE)
Intercept	.51*** (.15)
Ideology	.02 (.11)
Cognitive Reflection	-.01 (.11)
Ideology*Cognitive Reflection	.008 (.20)

---

---

Target: Liberal/Conservative	b (SE)
Intercept	.45*** (.06)
Ideology	.91*** (.11)
Cognitive Reflection	.01 (.11)
Ideology*Cognitive Reflection	.03 (.19)

---



---

Target: Mother/Father	b (SE)
Intercept	.37*** (.07)
Ideology	-.04 (.13)
Cognitive Reflection	.06 (.12)
Ideology*Cognitive Reflection	-.01 (.21)

---



---

Target: Non-Profits/Corporations	b (SE)
Intercept	.37*** (.14)

---

---

Ideology	.04 (.12)
Cognitive Reflection	.009 (.12)
Ideology*Cognitive Reflection	.03 (.23)

---



---

Target: Religious/Atheist	b (SE)
Intercept	.65*** (.08)
Ideology	.43*** (.15)
Cognitive Reflection	-.07 (.15)
Ideology*Cognitive Reflection	.06 (.26)

---



---

Target: Science/Religion	b (SE)
Intercept	.43*** (.08)
Ideology	.58*** (.14)
Cognitive Reflection	-.17 (.15)
Ideology*Cognitive Reflection	-.15 (.26)

---

Target: Socialism/Capitalism	b (SE)
Intercept	.54*** (.15)
Ideology	.05 (.12)
Cognitive Reflection	.004 (.12)
Ideology*Cognitive Reflection	.04 (.22)

*Note:* \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$

## Tables SP

### *Group Specific Regression Results Conservatives Ideology2.0*

Target: Black/White	b (SE)
Intercept	.64*** (.09)
Cognitive Reflection	.10 (.16)

---

Target: Democrat/Republican	b (SE)
Intercept	.75*** (.10)
Cognitive Reflection	-.05 (.19)

---

Target: Foreign/Local	b (SE)
Intercept	.56*** (.13)
Cognitive Reflection	-.004 (.19)

---

Target: Gay/Straight	b (SE)
Intercept	.88*** (.09)
Cognitive Reflection	-.04 (.16)

---

Target: Labor/Management	b
	(SE)
Intercept	.50***
	(.12)
Cognitive Reflection	-.006
	(.18)
Target: Liberal/Conservative	b
	(SE)
Intercept	.76***
	(.10)
Cognitive Reflection	-.08
	(.14)
Target: Mother/Father	b
	(SE)
Intercept	.36***
	(.06)
Cognitive Reflection	.08
	(.17)
Target: Non-Profits/Corporations	b
	(SE)
Intercept	.34***
	(.18)
Cognitive Reflection	-.0008
	(.18)

---

Target: Religious/Atheist	b
	(SE)

---

Intercept	.78***
	(.08)

  

Cognitive Reflection	-.04
	(.19)

---



---

Target: Science/Religion	b
	(SE)

---

Intercept	.62***
	(.08)

  

Cognitive Reflection	-.22
	(.22)

---



---

Target: Socialism/Capitalism	b
	(SE)

---

Intercept	.61***
	(.17)

  

Cognitive Reflection	-.001
	(.19)

---

*Note:* \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$



## Supplemental Materials: Exploratory Analyses, Ideology2.0 Absolute Political Animosity/Favouritism Measures

Absolute political animosity/favouritism measures in the dataset:

1. What are you gut feelings towards (target)?
  - a. Likert scale ranging from 1- Strongly negative to 7 – Strongly positive
2. What are your actual feelings towards (target)?
  - a. Likert scaling ranging from 1- Strongly negative to 7- Strongly positive
3. Considering only the negative things about (target) and ignoring the positive things, how negative are those things?
  - a. Likert scale ranging from 1- Extremely negative to 6- Not at all negative
4. Considering only the positive things about (target) and ignoring the negative, how positive are those things?
  - a. Likert scale ranging from 1- Not at all positive to 6- Extremely positive

### Model syntax no interaction models (without and with respondent ideology)

```
lmerModList(attitude ~ crt + rating + educ + as.factor(gender) + Contrast1 + Contrast2 + Contrast3 + age + (1|target) + as.factor(measure) + (1|user_id), data = dat)
```

```
lmerModList(attitude ~ crt + rating + educ + politicalid + as.factor(gender) + Contrast1 + Contrast2 + Contrast3 + age + (1|target) + as.factor(measure) + (1|user_id), data = dat)
```

### Model syntax 2-way interaction model

```
lmerModList(attitude ~ crt + rating + educ + politicalid + as.factor(gender) + Contrast1 + Contrast2 + Contrast3 + age + as.factor(measure) + rating*politicalid + crt*politicalid + crt*rating + (1|user_id) + (1|target), data = dat)
```

### Model syntax 3-way interaction model

```
lmerModList(attitude ~ crt + rating + educ + politicalid + as.factor(gender) + Contrast1 + Contrast2 + Contrast3 + age + as.factor(measure) + rating*crt*politicalid + (1|target) + (1|user_id), data = dat)
```

**Table SQ***Ideology2.0 Absolute Measure Main Effects Model Fixed Effects*

	<b>Without Respondent Ideology</b>	<b>With Respondent Ideology</b>
<b>Variable</b>	b (SE)	b (SE)
Age	-.005 (.02)	-.005 (.02)
Ideological Difference	-.15 (.08)	-.15 (.08)
Education	.02 (.01)	.02 (.01)
Gender (1= Male)	-.0004 (.003)	-.0004 (.003)
White People v. Non-White People	-.001 (.003)	-.001 (.003)
Black People vs. Other Non-White People Except Whites	-.001 (.006)	-.001 (.006)
Hispanic People vs. Other Non- White People Except Blacks and Whites	.002 (.007)	.002 (.007)
Gut (1= gut measure)	.006 (.006)	.006 (.006)
Negative (1= neg measure)	-.17*** (.012)	-.17*** (.01)

Positive (1= positive measure)	.05*** (.01)	.05*** (.01)
<b>Cognitive Reflection</b>	.006 (.02)	.006 (.02)
<b>Ideology of Respondent</b>	-	.0002 (.008)

---

*Note:* The dependent variable is the absolute value of the untransformed preference variable (-3 preference for liberal group, 3 preference for conservative group) recoded to range from 0-1. \*p < .05, \*\*p < .01; \*\*\*p < .001. *b* represents coefficients for models where variables are rescaled to range from 0-1.

**Table SR***Fixed Effects of Two-Way and Three-Way Interaction Models Ideology2.0 Absolute Measures*

	<b>Two Way Interaction</b>	<b>Three Way Interaction</b>
<b>Variable</b>	b (SE)	b (SE)
Age	-.005 (.02)	-.005 (.02)
Ideological Difference	-.04 (.08)	-.04 (.08)
Education	.02 (.01)	.02 (.01)
Gender (1= Male)	-.004 (.003)	-.0004 (.003)
White People v. Non-White People	-.001 (.003)	-.001 (.003)
Black People vs. Other Non-White People Except Whites	-.001 (.006)	-.001 (.006)
Hispanic People vs. Other Non-White People Except Blacks and Whites	.002 (.006)	.002 (.006)
Gut (1= gut measure)	.006 (.006)	.006 (.006)
Negative (1= Negative measure)	-.17 (.01)	-.17 (.01)
Positive (1 = Positive measure)	.05*** (.009)	.05*** (.01)
Cognitive Reflection	.006 (.02)	.006 (.02)
Ideology of Respondent	.0002 (.008)	.0002 (.008)
Cognitive Reflection*Ideology of Respondent	.0006 (.01)	.0006 (.02)
Cognitive Reflection*Ideological Difference	-.06 (.05)	-.06 (.05)
Ideological Difference*Ideology of Respondent	.85*** (.04)	.85*** (.04)

<b>Ideological Difference* Cognitive Reflection*Ideology of Participant</b>	-	<b>.003 (.07)</b>
---	---	-----------------------

---

*Note:* The outcome variable is preference for liberal (0) or conservative (1) group in the pair. \*p < .05, \*\*p < .01; \*\*\*p < .001. *b* represents coefficients for models where variables are rescaled to range from 0-1.

**Table SS***Ideology2.0 Results Main Effects Model Fixed Effects Without Demographic Controls*

Variable	Ideology2.0			
	Without Respondent Ideology		With Respondent Ideology	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
<b>Ideological</b>	.32	.25	.32	.25
<b>Difference</b>	(.14)	(.11)	(.14)	(.11)
<b>Cognitive</b>	.005	.003	.001	.001
<b>Reflection</b>	(.05)	(.01)	(.01)	(.01)
<b>Ideology of</b>	-	-	-.006	-.004
<b>Respondent</b>			(.01)	(.01)

*Note:* The dependent variable is the absolute value of the untransformed preference variable (-3 preference for liberal group, 3 preference for conservative group) recoded to range from 0-1. \* $p < .05$ , \*\* $p < .01$ ; \*\*\* $p < .001$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable.

**Table ST***Fixed Effects of Two-Way and Three-Way Interaction Models Ideology2.0 No Controls*

Variable	Two Way Interaction		Three Way Interaction	
	b (SE)	$\beta$ (SE)	b (SE)	$\beta$ (SE)
Ideological Difference	.01 (.17)	-.11 (.16)	.01 (.17)	-.11 (.16)
Cognitive Reflection	-.007 (.01)	-.007 (.01)	-.007 (.01)	-.007 (.01)
Ideology of Respondent	.32*** (.01)	.28*** (.01)	.32*** (.02)	.28*** (.02)
Cognitive Reflection*Ideology of Respondent	.003 (.03)	.006 (.007)	.003 (.03)	.008 (.007)
Cognitive Reflection*Ideological Difference	-.04 (.03)	-.01 (.008)	-.04 (.03)	-.01 (.007)
Ideological Difference*Ideology of Respondent	.97*** (.03)	.25*** (.01)	.97*** (.03)	.25*** (.01)
<b>Ideological Difference* Cognitive Reflection*Ideology of Participant</b>	-	-	<b>.02 (.07)</b>	<b>.002 (.005)</b>

*Note:* The outcome variable is preference for liberal (0) or conservative (1) group in the pair. \*p < .05, \*\*p < .01; \*\*\*p < .001. *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable.

**Table SU***Simple Slopes Analysis No Control Variables Ideology2.0 Data*

	Ideology2.0					
	Liberal participants (Midpoint -1 SD)			Conservative participants (Midpoint +1 SD)		
	B	SE	$\beta$	b	SE	$\beta$
Lower Cognitive Reflection (Mean -1 SD)	-.38*	.17	-.35*	.17	.17	.15
Higher Cognitive Reflection (Mean +1 SD)	-.41*	.17	-.38*	.14	.17	.13

*Note:* Simple slopes analysis for the three-way interaction of interest for testing hypotheses 2-3. There is no evidence in support of either hypothesis 2 or hypothesis 3. \* $p < .05$ . *b* represents coefficients for models where variables are rescaled to range from 0-1  $\beta$  represents coefficients for models where variables are standardized by standard deviation units (z-scored). For continuous variables,  $\beta$  coefficients represent the expected change in standard deviation units in the dependent variable per one standard deviation unit change in the respective independent variable.



**Table SV: Correlation Between Cognitive Reflection and Conservatism Ideology2.0 dataset**

---

-0.12
-------

---