

Supplemental Materials for Report # SPAS-002

Participant Filter

This study included 731 participants. For the analyses presented in this report, 223 participants from the original sample were filtered out because they did not identify with the Democratic party or Republican party, and another 17 were filtered out because they chose an “other” (e.g., Green party) category for their oppositional group. The total sample size for the following analyses was 491.

Statistics

In order to investigate whether political group identification is associated with differences in socially tolerant attitudes towards individuals with other political views, we ran a series of significance tests to examine group differences. See SPSS output below, key findings are highlighted.

Political Intolerance: an average of four items (Cronbach’s alpha = .924)

Figure 1

```
T-TEST GROUPS=Political_Affiliation(1 2)
/MISSING=ANALYSIS
/VARIABLES=PoliIntol_Avg
/CRITERIA=CI(.95).
```

	Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice	N	Mean	Std. Deviation	Std. Error
					Mean
Average of four Political Intol. Items	Democratic Party	265	2.4642	1.20531	.07404
	Republican Party	226	2.4569	1.13850	.07573

		Levene's Test for Equality of Variances		t-test for Equality of Means						
Average of four Political Intol. Items	Equal variances assumed	F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
									Lower	Upper
	Equal variances assumed	2.642	0.105	0.069	489	0.945	0.00729	0.10639	-0.2018	0.216
	Equal variances not assumed			0.069	483.901	0.945	0.00729	0.10591	-0.2008	0.215

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Figure 2

ONEWAY PoliIntol_Avg BY Cross_Opposition
 /STATISTICS DESCRIPTIVES EFFECTS HOMOGENEITY WELCH
 /PLOT MEANS
 /MISSING ANALYSIS
 /POSTHOC=TUKEY ALPHA(0.05).

Descriptives

Average of four Political Intol. Items

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Mini mum	Maxi mum	Between-Component Variance
						Lower Bound	Upper Bound			
Dems chose Rep		128	2.8242	1.14214	.10095	2.6245	3.0240	1.00	5.00	
Rep chose Dem		129	2.6764	1.03002	.09069	2.4969	2.8558	1.00	5.00	
Dems chose Dem		137	2.1277	1.16872	.09985	1.9303	2.3252	1.00	5.00	
Rep chose Rep		97	2.1649	1.21347	.12321	1.9204	2.4095	1.00	5.00	
Total		491	2.4608	1.17385	.05298	2.3567	2.5649	1.00	5.00	
Model	Fixed Effects			1.13611	.05127	2.3601	2.5615			
	Random Effects				.17952	1.8895	3.0321			.11660

Test of Homogeneity of Variances

Average of four Political Intol. Items

Levene Statistic	df1	df2	Sig.
1.909	3	487	.127

ANOVA

Average of four Political Intol. Items

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	46.587	3	15.529	12.031	.000
Within Groups	628.596	487	1.291		
Total	675.183	490			

Robust Tests of Equality of Means

Average of four Political Intol. Items

	Statistic ^a	df1	df2	Sig.
Welch	11.704	3	259.947	.000

a. Asymptotically F distributed.

Post Hoc Tests

Multiple Comparisons

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Dependent Variable: Average of four Political Intol. Items

Tukey HSD

(I) Cross_Opposition	(J) Cross_Opposition	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Dem chose Rep	Rep chose Dem	.14786	.14174	.724	-.2175	.5133
	Dem chose Dem	.69648*	.13966	.000	.3364	1.0565
	Rep chose Rep	.65927*	.15294	.000	.2650	1.0535
Rep chose Dem	Dem chose Rep	-.14786	.14174	.724	-.5133	.2175
	Dem chose Dem	.54862*	.13938	.001	.1893	.9079
	Rep chose Rep	.51141*	.15268	.005	.1178	.9050
Dem chose Dem	Dem chose Rep	-.69648*	.13966	.000	-1.0565	-.3364
	Rep chose Dem	-.54862*	.13938	.001	-.9079	-.1893
	Rep chose Rep	-.03721	.15076	.995	-.4259	.3514
Rep chose Rep	Dem chose Rep	-.65927*	.15294	.000	-1.0535	-.2650
	Rep chose Dem	-.51141*	.15268	.005	-.9050	-.1178
	Dem chose Dem	.03721	.15076	.995	-.3514	.4259

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Average of four Political Intol. Items

Tukey HSD^{a,b}

Cross_Opposition	N	Subset for alpha = 0.05	
		1	2
Dem chose Dem	137	2.1277	
Rep chose Rep	97	2.1649	
Rep chose Dem	129		2.6764
Dem chose Rep	128		2.8242
Sig.		.994	.743

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 120.580.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.