

Supplemental Materials for Report #: SPAS-004

Participant Filter

This study included 731 participants. For the analyses presented in this report, 41 participants from the original sample were filtered out because they did not identify with one of the three major political identifiers (i.e., they chose “other,” “green party,” or “libertarian party”).

Figure Statistics

In order to examine differences between self-identified republicans, democrats, and those who reported no political party identification in particular, we ran an ANCOVA for each dimension of critical consciousness. We controlled for educational attainment (dichotomous: at least some college versus no college), age (continuous), and sex (dichotomous: male versus female).

This scale is from: Diemer, M. A., Rapa, L. J., Park, C. J., & Perry, J. C. (2017). Development and validation of the Critical Consciousness Scale. *Youth & Society*, 49(4), 461-483.

We dropped the reverse-coded item in the egalitarian subscale because: (1) dropping it increased the precision of the factor structure and because (2) the item muddled the theoretical interpretation of the subscale.

Supplemental Materials for Report #: SPAS-004

Perceived Inequality

Cronbach alpha for subscale = .939

ANCOVA SPSS Output

Tests of Between-Subjects Effects

Dependent Variable: PerceivedInequality_Avg

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	168.226 ^a	5	33.645	21.777	.000	.139
Intercept	725.547	1	725.547	469.621	.000	.410
Age_Numeric	6.979	1	6.979	4.517	.034	.007
Sex	8.189	1	8.189	5.300	.022	.008
Education1	4.921	1	4.921	3.185	.075	.005
Political_Affiliation	129.013	2	64.507	41.753	.000	.110
Error	1045.939	677	1.545			
Total	9892.641	683				
Corrected Total	1214.165	682				

a. R Squared = .139 (Adjusted R Squared = .132)

Estimates

Dependent Variable: PerceivedInequality_Avg

Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Democratic Party	4.099 ^a	.077	3.948	4.250
Republican Party	3.093 ^a	.083	2.930	3.255
No Political Party in Particular	3.376 ^a	.094	3.192	3.561

a. Covariates appearing in the model are evaluated at the following values:
 What is your age in years? = 46.76, What is your biological sex? = .51,
 Dichotomous = .6471.

Pairwise Comparisons

Dependent Variable: PerceivedInequality_Avg

(I) Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice	(J) Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
Democratic Party	Republican Party	1.006 [*]	.114	.000	.783	1.230
	No Political Party in Particular	.723 [*]	.122	.000	.482	.963
Republican Party	Democratic Party	-1.006 [*]	.114	.000	-1.230	-.783
	No Political Party in Particular	-.284 [*]	.126	.025	-.532	-.036
No Political Party in Particular	Democratic Party	-.723 [*]	.122	.000	-.963	-.482
	Republican Party	.284 [*]	.126	.025	.036	.532

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Supplemental Materials for Report #: SPAS-004

Egalitarianism

(Cronbach alpha for subscale = .904)

ANCOVA SPSS Output

Tests of Between-Subjects Effects

Dependent Variable: Egalitarianism_Avg_Revised

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	84.264 ^a	5	16.853	13.738	.000	.092
Intercept	1569.869	1	1569.869	1279.726	.000	.654
Age_Numeric	1.510	1	1.510	1.231	.268	.002
Sex	21.887	1	21.887	17.842	.000	.026
Education1	.128	1	.128	.104	.747	.000
Political_Affiliation	55.564	2	27.782	22.647	.000	.063
Error	830.491	677	1.227			
Total	17199.125	683				
Corrected Total	914.755	682				

a. R Squared = .092 (Adjusted R Squared = .085)

Estimates

Dependent Variable: Egalitarianism_Avg_Revised

Generally speaking, do you think of yourself as identifying with one of the following? – Selected Choice

	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Democratic Party	5.201 ^a	.072	5.060	5.343
Republican Party	4.520 ^a	.075	4.373	4.667
No Political Party in Particular	4.843 ^a	.083	4.681	5.006

a. Covariates appearing in the model are evaluated at the following values:

What is your age in years? = 46.76.

Pairwise Comparisons

Dependent Variable: Egalitarianism_Avg_Revised

(I) Generally speaking, do you think of yourself as identifying with one of the following? – Selected Choice

(J) Generally speaking, do you think of yourself as identifying with one of the following? – Selected Choice

		Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
Democratic Party	Republican Party	.681 [*]	.101	.000	.482	.881
	No Political Party in Particular	.358 [*]	.109	.001	.144	.572
Republican Party	Democratic Party	-.681 [*]	.101	.000	-.881	-.482
	No Political Party in Particular	-.324 [*]	.113	.004	-.545	-.103
No Political Party in Particular	Democratic Party	-.358 [*]	.109	.001	-.572	-.144
	Republican Party	.324 [*]	.113	.004	.103	.545

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Supplemental Materials for Report #: SPAS-004

Critical Action

(Cronbach alpha for subscale = .923)

ANCOVA SPSS Output

Tests of Between-Subjects Effects

Dependent Variable: CriticalAction_Avg

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	66.257 ^a	5	13.251	23.004	.000	.145
Intercept	200.724	1	200.724	348.455	.000	.340
Age_Numeric	21.575	1	21.575	37.454	.000	.052
Sex	9.010	1	9.010	15.642	.000	.023
Education1	10.060	1	10.060	17.464	.000	.025
Political_Affiliation	17.620	2	8.810	15.294	.000	.043
Error	389.980	677	.576			
Total	2121.049	683				
Corrected Total	456.237	682				

a. R Squared = .145 (Adjusted R Squared = .139)

Estimates

Dependent Variable: CriticalAction_Avg

Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice

	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Democratic Party	1.725 ^a	.047	1.633	1.817
Republican Party	1.567 ^a	.051	1.468	1.666
No Political Party in Particular	1.312 ^a	.057	1.199	1.424

a. Covariates appearing in the model are evaluated at the following values: What is your age in years? = 46.76, What is your biological sex? = .51, Dichotomous = .6471.

Pairwise Comparisons

Dependent Variable: CriticalAction_Avg

(I) Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice

(J) Generally speaking, do you think of yourself as identifying with one of the following? - Selected Choice

		Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
Democratic Party	Republican Party	.158 [*]	.070	.023	.022	.295
	No Political Party in Particular	.413 [*]	.075	.000	.267	.560
Republican Party	Democratic Party	-.158 [*]	.070	.023	-.295	-.022
	No Political Party in Particular	.255 [*]	.077	.001	.104	.407
No Political Party in Particular	Democratic Party	-.413 [*]	.075	.000	-.560	-.267
	Republican Party	-.255 [*]	.077	.001	-.407	-.104

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

This ANCOVA failed the Levene's Test (even after transforming the data so that it is normally distributed). However, two further considerations are worth making:

- (1) The Welch's F was significant and the Games-Howell post-hoc tests were significant in a pattern that mirrors the ANCOVA findings above. $F(2,455.178) = 27.454, p < .001$ (DV: critical action; IV: political affiliation)
- (2) There are relevant theoretical reasons for why the scores in the Democratic Party and Republican Party varied more widely than the scores among "No Political Party in Particular." See forthcoming brief reports on who the political "nones" are for more information.