Supplemental Materials for Report #: SPAS-006

Citation

Farwell, L., & Weiner, B. (2000). Bleeding hearts and the heartless: Popular perceptions of liberal and conservative ideologies. *Personality and Social Psychology Bulletin*, *26*(7), 845-852.

Participant Filter

This study included 731 participants. For the analyses presented in this report, 131 participants from the original sample were filtered out because they did not consistently identify as liberal, moderate, or conservative on social and fiscal issues.

Figure Statistics

In order to examine differences between self-identified Liberals, Moderates, and Conservatives we ran two separate ANCOVAs that controlled for age and sex. We also ran One-Sample t-tests.

```
UNIANOVA PoliOpin_Emo_Rev BY PoliticalOrientation Sex WITH Age_Numeric
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /PLOT=PROFILE(PoliticalOrientation)
  /EMMEANS=TABLES(PoliticalOrientation) WITH(Age_Numeric=MEAN) COMPARE ADJ(LSD)
  /PRINT=ETASQ DESCRIPTIVE HOMOGENEITY
  /CRITERIA=ALPHA(.05)
  /DESIGN=Age_Numeric PoliticalOrientation Sex PoliticalOrientation*Sex.
```

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
Consistently Liberal, Moderate, or Conservative	1	Liberal	156
	2	Moderate	238
	3	Conservative	199
What is your biological sex?	0	Male	284
	1	Female	309

Descriptive Statistics

Dependent Variable: PoliOpin_Emo_Rev

Consistently Liberal, Moderate, or Conservative	What is your biological sex?	Mean	Std. Deviation	N
Liberal	Male	.0658	2.06130	76
	Female	-.0125	1.99044	80
	Total	.0256	2.01910	156
Moderate	Male	-.5977	1.94374	87
	Female	-.0530	1.95205	151
	Total	-.2521	1.96260	238
Conservative	Male	-.7190	1.96309	121
	Female	-.7949	2.04087	78
	Total	-.7487	1.98916	199
Total	Male	-.4718	2.00421	284
	Female	-.2298	2.00542	309
	Total	-.3457	2.00680	593

Levene's Test of Equality of Error Variances[a]

Dependent Variable: PoliOpin_Emo_Rev

F	df1	df2	Sig.
.324	5	587	.898

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Age_Numeric +
PoliticalOrientation + Sex + PoliticalOrientation * Sex

Tests of Between-Subjects Effects

Dependent Variable: PoliOpin_Emo_Rev

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	127.394[a]	6	21.232	5.513	.000	.053
Intercept	17.991	1	17.991	4.672	.031	.008
Age_Numeric	54.580	1	54.580	14.173	.000	.024
PoliticalOrientation	29.095	2	14.547	3.777	.023	.013
Sex	.500	1	.500	.130	.719	.000
PoliticalOrientation * Sex	10.959	2	5.480	1.423	.242	.005
Error	2256.738	586	3.851			
Total	2455.000	593				
Corrected Total	2384.132	592				

a. R Squared = .053 (Adjusted R Squared = .044)

Estimated Marginal Means
Consistently Liberal, Moderate, or Conservative

Estimates

Dependent Variable: PoliOpin_Emo_Rev

Consistently Liberal, Moderate, or Conservative	Mean	Std. Error	95% Confidence Interval Lower Bound	Upper Bound
Liberal	-.046[a]	.158	-.357	.265
Moderate	-.362[a]	.132	-.622	-.102
Conservative	-.644[a]	.146	-.930	-.358

a. Covariates appearing in the model are evaluated at the following values: What is your age in years? = 46.08.

Pairwise Comparisons

Dependent Variable: PoliOpin_Emo_Rev

(I) Consistently Liberal, Moderate, or Conservative	(J) Consistently Liberal, Moderate, or Conservative	Mean Difference (I-J)	Std. Error	Sig.[b]	95% Confidence Interval for Difference[b] Lower Bound	Upper Bound
Liberal	Moderate	.317	.206	.124	-.087	.720
	Conservative	.599*	.218	.006	.171	1.026
Moderate	Liberal	-.317	.206	.124	-.720	.087
	Conservative	.282	.198	.156	-.108	.671
Conservative	Liberal	-.599*	.218	.006	-1.026	-.171
	Moderate	-.282	.198	.156	-.671	.108

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).

Univariate Tests

Dependent Variable: PoliOpin_Emo_Rev

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	29.095	2	14.547	3.777	.023	.013
Error	2256.738	586	3.851			

The F tests the effect of Consistently Liberal, Moderate, or Conservative. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

UNIANOVA PoliOpin_Evi_Rev BY PoliticalOrientation Sex WITH Age_Numeric

```
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/PLOT=PROFILE(PoliticalOrientation)
/EMMEANS=TABLES(PoliticalOrientation) WITH(Age_Numeric=MEAN) COMPARE ADJ(LSD)
/PRINT=ETASQ DESCRIPTIVE HOMOGENEITY
/CRITERIA=ALPHA(.05)
/DESIGN=Age_Numeric PoliticalOrientation Sex PoliticalOrientation*Sex.
```

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
Consistently Liberal, Moderate, or Conservative	1	Liberal	156
	2	Moderate	238
	3	Conservative	199
What is your biological sex?	0	Male	284
	1	Female	309

Descriptive Statistics

Dependent Variable: PoliOpin_Evi_Rev

Consistently Liberal, Moderate, or Conservative	What is your biological sex?	Mean	Std. Deviation	N
Liberal	Male	1.5921	1.33843	76
	Female	1.2625	1.66683	80
	Total	1.4231	1.51993	156
Moderate	Male	1.1609	1.52402	87
	Female	.4238	1.72988	151
	Total	.6933	1.69214	238
Conservative	Male	1.1405	1.68970	121
	Female	1.0000	1.52042	78
	Total	1.0854	1.62298	199
Total	Male	1.2676	1.55881	284
	Female	.7864	1.69788	309
	Total	1.0169	1.64903	593

Levene's Test of Equality of Error Variances[a]

Dependent Variable: PoliOpin_Evi_Rev

F	df1	df2	Sig.
1.622	5	587	.152

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Age_Numeric + PoliticalOrientation + Sex + PoliticalOrientation * Sex

Tests of Between-Subjects Effects

Dependent Variable: PoliOpin_Evi_Rev

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	87.043[a]	6	14.507	5.583	.000	.054
Intercept	81.441	1	81.441	31.340	.000	.051
Age_Numeric	.288	1	.288	.111	.739	.000
PoliticalOrientation	36.594	2	18.297	7.041	.001	.023
Sex	22.756	1	22.756	8.757	.003	.015
PoliticalOrientation * Sex	9.684	2	4.842	1.863	.156	.006
Error	1522.788	586	2.599			
Total	2223.000	593				

Corrected Total	1609.831	592				

a. R Squared = .054 (Adjusted R Squared = .044)

Estimated Marginal Means

Consistently Liberal, Moderate, or Conservative

Estimates

Dependent Variable: PoliOpin_Evi_Rev

Consistently Liberal, Moderate, or Conservative	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
Liberal	1.422[a]	.130	1.167	1.678
Moderate	.790[a]	.109	.576	1.003
Conservative	1.078[a]	.120	.844	1.313

a. Covariates appearing in the model are evaluated at the following values: What is your age in years? = 46.08.

Pairwise Comparisons

Dependent Variable: PoliOpin_Evi_Rev

(I) Consistently Liberal, Moderate, or Conservative	(J) Consistently Liberal, Moderate, or Conservative	Mean Difference (I-J)	Std. Error	Sig.[b]	95% Confidence Interval for Difference[b]	
					Lower Bound	Upper Bound
Liberal	Moderate	.632*	.169	.000	.301	.964
	Conservative	.344	.179	.055	-.008	.695
Moderate	Liberal	-.632*	.169	.000	-.964	-.301
	Conservative	-.289	.163	.077	-.609	.031
Conservative	Liberal	-.344	.179	.055	-.695	.008
	Moderate	.289	.163	.077	-.031	.609

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).

Univariate Tests

Dependent Variable: PoliOpin_Evi_Rev

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	36.594	2	18.297	7.041	.001	.023
Error	1522.788	586	2.599			

The F tests the effect of Consistently Liberal, Moderate, or Conservative. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

```
T-TEST
  /TESTVAL=0
  /MISSING=ANALYSIS
  /VARIABLES=Emo_Recoded
  /CRITERIA=CI(.95).
```

T-Test

One-Sample Statistics

Consistently Liberal, Moderate, or Conservative		N	Mean	Std. Deviation	Std. Error Mean
Liberal	Emo_Recoded	159	.0566	2.01967	.16017
Moderate	Emo_Recoded	241	-.2324	1.95894	.12619
Conservative	Emo_Recoded	200	-.7400	1.98800	.14057
Other	Emo_Recoded	131	-.5496	1.89418	.16549

One-Sample Test

		Test Value = 0					
						95% Confidence Interval of the Difference	
Consistently Liberal, Moderate, or Conservative		t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
Liberal	Emo_Recoded	.353	158	.724	.05660	-.2597	.3730
Moderate	Emo_Recoded	-1.841	240	.067	-.23237	-.4809	.0162
Conservative	Emo_Recoded	-5.264	199	.000	-.74000	-1.0172	-.4628
Other	Emo_Recoded	-3.321	130	.001	-.54962	-.8770	-.2222