

Review 2

Bivariate Analysis

Analyze the relationship between “Race” and “How liberal is R?” Make sure to discuss the following:

- Directional hypothesis
- Substantive interpretation
- Significance/Confidence
- Strength
- Direction
- Is the directional hypothesis supported?

How liberal is R? * Race: 2 categories Crosstabulation

			Race: 2 categories		Total
			White	Black	
How liberal is R?	More conservative	Count	157	5	162
		% within Race: 2 categories	15.2%	3.4%	13.7%
	Middle	Count	720	109	829
		% within Race: 2 categories	69.6%	73.6%	70.1%
	More liberal	Count	157	34	191
		% within Race: 2 categories	15.2%	23.0%	16.2%
Total	Count	1034	148	1182	
	% within Race: 2 categories	100.0%	100.0%	100.0%	

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.125	.000
	Cramer's V	.125	.000
N of Valid Cases		1182	

Multivariate Analysis

How does the relationship between “Race” and “How liberal is R” change, after controlling for gender? Does the pattern that you found at the bivariate relationship still remain the same?

How liberal is R? * Race: 2 categories * R gender Crosstabulation

R gender				Race: 2 categories		Total	
				White	Black		
Male	How liberal is R?	More conservative	Count	92	3	95	
			% within Race: 2 categories	20.5%	4.8%	18.6%	
	Middle	Count	318	44	362		
		% within Race: 2 categories	70.8%	69.8%	70.7%		
	More liberal	Count	39	16	55		
		% within Race: 2 categories	8.7%	25.4%	10.7%		
	Total	Count	449	63	512		
		% within Race: 2 categories	100.0%	100.0%	100.0%		
	Female	How liberal is R?	More conservative	Count	65	2	67
				% within Race: 2 categories	11.1%	2.4%	10.0%
Middle		Count	402	65	467		
		% within Race: 2 categories	68.8%	76.5%	69.8%		
More liberal		Count	117	18	135		
		% within Race: 2 categories	20.0%	21.2%	20.2%		
Total		Count	584	85	669		
		% within Race: 2 categories	100.0%	100.0%	100.0%		

Symmetric Measures

R gender			Value	Approx. Sig.
Male	Nominal by Nominal	Phi	.206	.000
		Cramer's V	.206	.000
	N of Valid Cases		512	
Female	Nominal by Nominal	Phi	.098	.041
		Cramer's V	.098	.041
	N of Valid Cases		669	