What were they thinking?!

Exploring America's voting preferences and attitudes using the American National Election Study
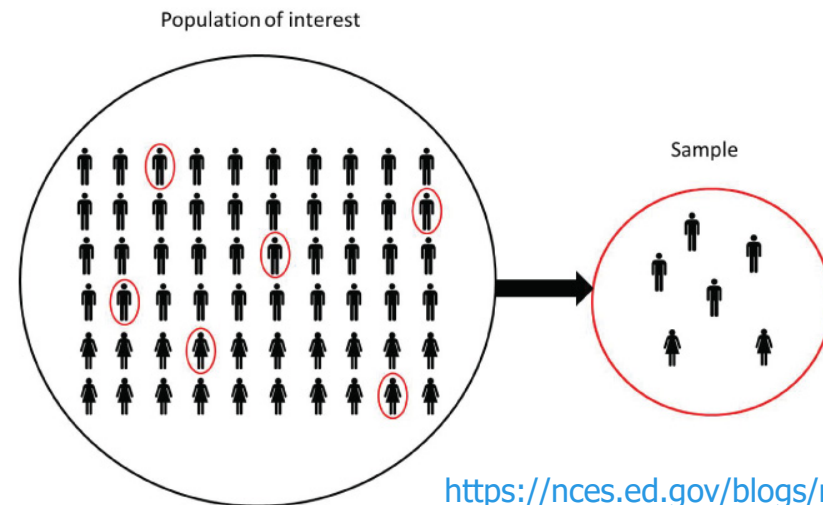
HELP! I'M AN ACCIDENTAL GOVERNMENT INFORMATION LIBRARIAN WEBINAR, 16 JULY 2020

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Political Opinion Polling

- Elections tell us what voters choose, surveys tell us why
- Modern polling takes off in the 1940s
- Asking everyone is cost-prohibitive
- So, surveys use random samples of the total population

Population of interest

Sample

https://nces.ed.gov/blogs/nces/image.axd?picture=/2016/04/SampleSurvey.jpg

Sampling

- Random
  - All members of the population have the same chance of being sampled
- Stratified probability sampling
  - Used to make sure subpopulations of interest (e.g. Blacks, registered voters, rural, etc.) are represented in proportion to total population
- Methods vary
  - Organizations use different methods for sampling based on how surveys are administered
    - Face-to-face typically uses area probability sampling using maps and Census figures
    - Phone surveys have typically relied on random digit dialing (though cell phones have complicated this)
    - Internet can use random postal addresses to send invitations to fill out surveys online

Survey Error/Bias

- Sampling error
  - Due to interviewing only a sample rather than the entire population
  - Can be quantified in the **margin of error** (https://www.surveymonkey.com/mp/margin-of-error-calculator/)
    - Example: YouGov July 12-14 Biden 49% Trump 40% MOE +/- 3.3% at the 95% confidence level
    - If you sampled this population (all registered voters) 100 times, on 95 of those draws, the total population's preference for Biden would be 45.7%-52.3% and Trump 36.7%-43.3%.
- Coverage error
  - Due to certain segments of the population not having the opportunity to be included (homeless, overseas military, incarcerated, on vacation, etc.)
- Measurement error
  - From failing to accurately measure what you intend due to problems with question wording and order, interviewer bias or mistakes, lack of candor by respondents or faulty memory, etc.
- Non-response error
  - Due to inability to reach potential respondents or respondents' refusal to participate
- Other errors
  - Like errors in recording, processing, or transforming survey data

Some Political Opinion Sources

- Major media outlets and research organizations
  - CNN, NYT, Pew, etc.
- Exit polls
  - Surveys of voters as they exit polling places both to project election results and to associate demographics with vote choice
- Election studies
  - Designed by social scientists specifically interested in studying elections and change over time
  - Usually fielded in conjunction with each national election (typically parliamentary) for many years
  - Often include a pre- and post-election interview with the same respondents to track attitude across the election
  - Have a broad and deep set of political questions, most of which are repeated in each iteration of the survey
- See https://libguides.princeton.edu/politics/opinion for additional examples

American National Election Study (ANES)

- https://electionstudies.org/
  - Started in 1948; every 2 years since 1956
  - Sponsored by the University of Michigan and Stanford University with funding from NSF
  - Files for individual years as well as a cumulative file with questions repeated at least 3 times across all years
  - 2016 study
    - 4270 respondents; 3649 completed both pre- and post-election survey
    - 27% face-to-face interviews; 73% online
    - 50% response rate for f2f; 44% for online
    - Data weighted to adjust sample to population demographics
    - Contains hundreds of questions, thousands of variables (codebook is 2200 pages long!)
- Online analysis using Berkeley's SDA program: https://sda.berkeley.edu/archive.htm
- Simplified version available through ICPSR's SETUPS (Supplementary Empirical Teaching Units in Political Science) program: https://www.icpsr.umich.edu/web/pages/instructors/setups2016/

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:35 AM EDT)

Variables

Role	Name	Label	Range	MD	Dataset
Row	**A02**	Presidential vote	1-3	9	1
Column	**A07**	Party identification	1-7	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Allocation of cases (unweighted)

Valid cases	2,784
Cases with invalid codes on row or column variable	865
Total cases	*3,649*

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		1 Strong Democrat	2 Weak Democrat	3 Independent Democrat	4 Independent	5 Independent Republican	6 Weak Republican	7 Strong Republican	*ROW* *TOTAL*
A02	1: Clinton	**96.4** 638	**76.8** 285	**80.4** 229	**34.0** 77	**8.2** 26	**16.7** 51	**2.6** 13	**49.0** *1,319*
	2: Trump	**2.9** 19	**16.2** 60	**7.3** 21	**44.0** 100	**80.9** 256	**74.2** 227	**95.1** 502	**44.0** *1,185*
	3: Other	**.7** 5	**7.0** 26	**12.3** 35	**22.0** 50	**10.9** 35	**9.0** 28	**2.4** 12	**7.1** *191*
	COL TOTAL	*100.0* *662*	*100.0* *371*	*100.0* *285*	*100.0* *228*	*100.0* *317*	*100.0* *305*	*100.0* *528*	*100.0* *2,695*

Column header spanning: **A07**

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z

N in each cell:	Smaller than expected	Larger than expected

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:36 AM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**A07(Recoded)**	Party identification	1-3		1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution				
Cells contain: -**Column percent** -Weighted N	**A07**			
	1 **Democrat**	**2** **Independent-** **no lean**	**3** **Republican**	***ROW*** ***TOTAL***
A02A **1: Clinton**	**92.0** 1,152	**43.6** 77	**8.4** 90	**52.7** *1,319*
2: Trump	**8.0** 100	**56.4** 100	**91.6** 985	**47.3** *1,185*
COL TOTAL	***100.0*** *1,252*	***100.0*** *178*	***100.0*** *1,075*	***100.0*** *2,504*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Recode for 'A07'
1 = 1-3 "Democrat"; 2 = 4 "Independent-no lean"; 3 = 5-7 "Republican"

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:40 AM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02**	Presidential vote	1-3	9	1
Column	**A07A**	Party ID: 3 category	1-3		2
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		A07A				
		1 Democrat	2 Independent	3 Republican	(No Data)	*ROW TOTAL*
A02	1: Clinton	**68.0** 1,152	**15.4** 77	**6.3** 90	**5.0** 1	*36.2* *1,320*
	2: Trump	**5.9** 100	**20.0** 100	**68.7** 985	**4.5** 1	*32.5* *1,186*
	3: Other	**3.9** 66	**10.0** 50	**5.2** 75	**.0** 0	*5.2* *191*
	9: NA	**22.2** 375	**54.5** 273	**19.7** 283	**90.5** 20	*26.1* *952*
	COL TOTAL	*100.0* *1,693*	*100.0* *501*	*100.0* *1,432*	*100.0* *23*	*100.0* *3,649*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:44 AM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**J18**	Government spending on Social Security	1-3	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution					
Cells contain: -**Column percent** -Weighted N		J18			
		1 Increase	2 Stay the same	3 Decrease	*ROW TOTAL*
	1: Clinton	**58.4** 873	**46.4** 401	**31.1** 42	*52.8* *1,315*
A02A	2: Trump	**41.6** 623	**53.6** 462	**68.9** 92	*47.2* *1,177*
	COL TOTAL	*100.0* *1,496*	*100.0* *863*	*100.0* *134*	*100.0* *2,493*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Variables

Role	Name	Label	Range	MD	Dataset
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**J18(Recoded)**	Government spending on Social Security	1-2		1
Control	**A07A**	Party ID: 3 category	1-3		2
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Statistics for A07A = 2(Independent)

Cells contain:		J18		
-**Column percent** -Weighted N		1 Increase	2 Same/Decrease	*ROW TOTAL*
A02A	1: Clinton	**38.4** 42	**53.1** 35	*43.9* 77
	2: Trump	**61.6** 68	**46.9** 31	*56.1* 99
	COL TOTAL	*100.0* 110	*100.0* 66	*100.0* 176

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Statistics for A07A = 1(Democrat)

Cells contain:		J18		
-**Column percent** -Weighted N		1 Increase	2 Same/Decrease	*ROW TOTAL*
A02A	1: Clinton	**91.8** 780	**92.4** 367	*92.0* 1,147
	2: Trump	**8.2** 70	**7.6** 30	*8.0* 100
	COL TOTAL	*100.0* 850	*100.0* 397	*100.0* 1,247

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Statistics for A07A = 3(Republican)

Cells contain:		J18		
-**Column percent** -Weighted N		1 Increase	2 Same/Decrease	*ROW TOTAL*
A02A	1: Clinton	**9.4** 50	**7.5** 40	*8.5* 90
	2: Trump	**90.6** 484	**92.5** 493	*91.5* 977
	COL TOTAL	*100.0* 535	*100.0* 533	*100.0* 1,067

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:59 AM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**R01A**	Gender: 2 cat	1-2		2
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		R01A		
		1 Male	2 Female	*ROW TOTAL*
A02A	1: Clinton	**49.3** 563	**55.5** 742	*52.7* *1,305*
	2: Trump	**50.7** 578	**44.5** 595	*47.3* *1,173*
	COL TOTAL	*100.0* *1,141*	*100.0* *1,336*	*100.0* *2,478*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Variables

Role	Name	Label	Range	MD	Dataset
Row	**VCF0704A**	ELECTION: Vote for President- Major Parties	1-2	0	1
Column	**VCF0004**	STUDY VARIABLE: Year of Study	1948-2016		1
Control	**VCF0104(Recoded)**	DEMOGRAPHICS: Respondent - Gender	1-2		1
Weight	**VCF0009Z**	STUDY VARIABLE: Weight: For 1970 type 0 - 2012,2016 full sample	.0212-6.8130		1

Statistics for VCF0104 = 1(Male)

Cells contain:
-Column percent
-Weighted N

VCF0704A		1948	1952	1956	1960	1964	1968	1972	1976	1980	1984	1988	1992	1996	2000	2004	2008	2012	2016	ROW TOTAL
	1: Democrat	55.7 / 108	42.9 / 248	43.6 / 267	52.0 / 354	65.5 / 332	45.1 / 176	32.0 / 227	51.0 / 366	39.5 / 156	37.5 / 225	43.5 / 232	55.0 / 329	50.6 / 224	46.9 / 220	46.4 / 175	51.9 / 348	50.9 / 976	49.6 / 571	47.9 / 5,534
	2: Republican	44.3 / 86	57.1 / 330	56.4 / 346	48.0 / 327	34.5 / 175	54.9 / 214	68.0 / 482	49.0 / 352	60.5 / 239	62.5 / 375	56.5 / 301	45.0 / 269	49.4 / 219	53.1 / 249	53.6 / 202	48.1 / 322	49.1 / 943	50.4 / 581	52.1 / 6,011
	COL TOTAL	100.0 / 194	100.0 / 578	100.0 / 613	100.0 / 681	100.0 / 507	100.0 / 390	100.0 / 709	100.0 / 718	100.0 / 395	100.0 / 600	100.0 / 533	100.0 / 598	100.0 / 443	100.0 / 469	100.0 / 377	100.0 / 670	100.0 / 1,918	100.0 / 1,152	100.0 / 11,546

Color coding: | <-2.0 | <-1.0 | <0.0 | >0.0 | >1.0 | >2.0 | Z

N in each cell: | Smaller than expected | Larger than expected

Statistics for VCF0104 = 2(Female)

Cells contain:
-Column percent
-Weighted N

VCF0704A		1948	1952	1956	1960	1964	1968	1972	1976	1980	1984	1988	1992	1996	2000	2004	2008	2012	2016	ROW TOTAL
	1: Democrat	52.8 / 103	40.8 / 246	37.4 / 244	46.6 / 345	69.2 / 418	47.0 / 245	38.6 / 339	51.3 / 468	47.1 / 227	45.1 / 350	50.0 / 331	61.3 / 464	65.2 / 339	56.1 / 329	53.2 / 217	57.0 / 513	56.1 / 1,199	55.7 / 748	52.1 / 7,125
	2: Republican	47.2 / 92	59.2 / 357	62.6 / 409	53.4 / 395	30.8 / 186	53.0 / 276	61.4 / 539	48.7 / 445	52.9 / 255	54.9 / 426	50.0 / 331	38.7 / 293	34.8 / 181	43.9 / 258	46.8 / 191	43.0 / 387	43.9 / 939	44.3 / 594	47.9 / 6,556
	COL TOTAL	100.0 / 195	100.0 / 603	100.0 / 653	100.0 / 740	100.0 / 604	100.0 / 521	100.0 / 878	100.0 / 913	100.0 / 482	100.0 / 776	100.0 / 662	100.0 / 757	100.0 / 520	100.0 / 588	100.0 / 409	100.0 / 901	100.0 / 2,138	100.0 / 1,342	100.0 / 13,681

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 11:57 AM EDT)

Variables

Role	Name	Label	Range	MD	Dataset
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**R01A**	Gender: 2 cat	1-2		2
Control	**K01(Recoded)**	Abortion attitude	1-2		1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -Column percent -Weighted N		R01A		
		1 Male	2 Female	*ROW TOTAL*
A02A	1: Clinton	**49.3** 563	**55.5** 742	*52.7* *1,305*
	2: Trump	**50.7** 578	**44.5** 595	*47.3* *1,173*
	COL TOTAL	*100.0* *1,141*	*100.0* *1,336*	*100.0* *2,478*

Statistics for K01 = 1(None/Limited)

Cells contain: -Column percent -Weighted N		R01A		
		1 Male	2 Female	*ROW TOTAL*
A02A	1: Clinton	**24.3** 105	**29.8** 156	*27.3* *262*
	2: Trump	**75.7** 328	**70.2** 368	*72.7* *696*
	COL TOTAL	*100.0* *433*	*100.0* *524*	*100.0* *958*

Statistics for K01 = 2(Few/No limits)

Cells contain: -Column percent -Weighted N		R01A		
		1 Male	2 Female	*ROW TOTAL*
A02A	1: Clinton	**64.7** 452	**72.2** 574	*68.7* *1,025*
	2: Trump	**35.3** 247	**27.8** 221	*31.3* *467*
	COL TOTAL	*100.0* *698*	*100.0* *794*	*100.0* *1,493*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 13, 2020 (Mon 06:04 PM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**D04**	Clinton: honest	1-5	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		**Distribution**
D04	1: Extremely well	**4.8** 175
	2: Very well	**10.3** 374
	3: Moderately well	**20.6** 750
	4: Slightly well	**15.7** 569
	5: Not well at all	**48.6** 1,764
	COL TOTAL	**100.0** 3,631

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 13, 2020 (Mon 06:04 PM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**D10**	Trump: honest	1-5	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		**Distribution**
D10	1: Extremely well	**7.4** 268
	2: Very well	**15.0** 543
	3: Moderately well	**19.3** 699
	4: Slightly well	**14.5** 525
	5: Not well at all	**43.9** 1,591
	COL TOTAL	**100.0** 3,627

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 13, 2020 (Mon 06:05 PM EDT)

Variables

Role	Name	Label	Range	MD	Dataset
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**D10**	Trump: honest	1-5	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		1 Extremely well	2 Very well	3 Moderately well	4 Slightly well	5 Not well at all	*ROW TOTAL*
A02A	1: Clinton	**10.8** 21	**8.7** 36	**16.3** 78	**52.9** 175	**93.4** 1,009	*52.8* *1,319*
	2: Trump	**89.2** 177	**91.3** 373	**83.7** 402	**47.1** 156	**6.6** 71	*47.2* *1,179*
	COL TOTAL	*100.0* *199*	*100.0* *409*	*100.0* *480*	*100.0* *332*	*100.0* *1,080*	*100.0* *2,499*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 12:23 PM EDT)

Variables

Role	Name	Label	Range	MD	Dataset
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**D04**	Clinton: honest	1-5	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		1 Extremely well	2 Very well	3 Moderately well	4 Slightly well	5 Not well at all	*ROW TOTAL*
A02A	1: Clinton	**95.1** 121	**98.0** 287	**93.2** 492	**75.6** 264	**12.9** 155	*52.7* *1,318*
	2: Trump	**4.9** 6	**2.0** 6	**6.8** 36	**24.4** 85	**87.1** 1,048	*47.3* *1,181*
	COL TOTAL	*100.0* *127*	*100.0* *293*	*100.0* *528*	*100.0* *350*	*100.0* *1,203*	*100.0* *2,500*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 13, 2020 (Mon 06:10 PM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**D04(Recoded)**	Clinton: honest	1-2		1
Control	**D10(Recoded)**	Trump: honest	1-2		1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Statistics for D10 = 1(Honest)

Cells contain: -**Column percent** -Weighted N		D04		
		1 Honest	2 Dishonest	*ROW TOTAL*
A02A	1: Clinton	**69.6** 83	**5.2** 50	*12.3* *133*
	2: Trump	**30.4** 36	**94.8** 916	*87.7* *952*
	COL TOTAL	*100.0* *119*	*100.0* *966*	*100.0* *1,085*

Statistics for D10 = 2(Dishonest)

Cells contain: -**Column percent** -Weighted N		D04		
		1 Honest	2 Dishonest	*ROW TOTAL*
A02A	1: Clinton	**98.6** 816	**63.3** 368	*84.0* *1,184*
	2: Trump	**1.4** 12	**36.7** 214	*16.0* *225*
	COL TOTAL	*100.0* *828*	*100.0* *582*	*100.0* *1,410*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 12:53 PM EDT)

Variables

Role	Name	Label	Ran...
Row	K11	Desirable immigration level	1-...
Weight	WEIGHT	Weight	.0885-6...

Frequency Distribution

Cells contain: -Column percent -Weighted N		Distribution
K11	1: Increased	6.1 220
	2: Kept the same	50.0 1,811
	3: Decreased a little	19.0 686
	4: Decreased a lot	24.9 903
	COL TOTAL	100.0 3,620

Variables

Role	Name	Label	Range	MD	Dataset
Row	A02A	Pres vote 2 party	1-2		2
Column	K11	Desirable immigration level	1-4	9	1
Weight	WEIGHT	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -Column percent -Weighted N		K11				
		1 Increased	2 Kept the same	3 Decreased a little	4 Decreased a lot	ROW TOTAL
A02A	1: Clinton	88.2 144	71.9 868	39.0 181	17.7 115	52.6 1,308
	2: Trump	11.8 19	28.1 340	61.0 283	82.3 538	47.4 1,181
	COL TOTAL	100.0 163	100.0 1,207	100.0 464	100.0 654	100.0 2,489

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Frequency Distribution

Cells contain: -Column percent -Weighted N		K11		ROW TOTAL
		1 More/same	2 Decrease	
A02A	1: Clinton	73.8 1,011	26.5 296	52.6 1,308
	2: Trump	26.2 359	73.5 822	47.4 1,181
	COL TOTAL	100.0 1,370	100.0 1,118	100.0 2,489

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 02:50 PM EDT)

Variables					
Role	Name	Label	Range	MD	Dataset
Row	K12	Immigration reduces jobs	1-4	9	1
Weight	WEIGHT	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -Column percent -Weighted N		Distribution
	1: Extremely likely	16.2 590
	2: Very likely	20.4 742
K12	3: Somewhat likely	39.8 1,444
	4: Not at all likely	23.6 856
	COL TOTAL	100.0 3,632

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 02:43 PM EDT)

Variables					
Role	Name	Label	Range	MD	Dataset
Row	A02A	Pres vote 2 party	1-2		2
Column	K11(Recoded)	Desirable immigration level	1-2		1
Control	K12(Recoded)	Immigration reduces jobs	1-2		1
Weight	WEIGHT	Weight	.0885-6.4445		1

Statistics for K12 = 1(Likely)

Cells contain: -Column percent -Weighted N		K11		
		1 More/same	2 Decrease	ROW TOTAL
	1: Clinton	49.5 123	19.5 127	27.8 250
A02A	2: Trump	50.5 126	80.5 522	72.2 648
	COL TOTAL	100.0 249	100.0 649	100.0 897

Statistics for K12 = 2(Unlikely)

Cells contain: -Column percent -Weighted N		K11		
		1 More/same	2 Decrease	ROW TOTAL
	1: Clinton	79.2 886	36.2 170	66.5 1,056
A02A	2: Trump	20.8 233	63.8 299	33.5 532
	COL TOTAL	100.0 1,120	100.0 468	100.0 1,588

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 03:06 PM EDT)

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**K09(Recoded)**	Tolerance toward Immigrants Index	1-3		1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution					
		K09			
Cells contain: **-Column percent** -Weighted N		1 Low tolerance	2 Middle	3 High tolerance	*ROW TOTAL*
	1: Clinton	**28.2** 273	**47.2** 270	**81.6** 767	*52.8* *1,311*
A02A	2: Trump	**71.8** 697	**52.8** 302	**18.4** 173	*47.2* *1,172*
	COL TOTAL	*100.0* *970*	*100.0* *572*	*100.0* *939*	*100.0* *2,482*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Recode for 'K09'
1 = 1-2 "Low tolerance"; 2 = 3 "Middle"; 3 = 4-5 "High tolerance"

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 03:06 PM EDT)

Variables

Role	Name	Label	Range	MD	Dataset
Row	A02A	Pres vote 2 party	1-2		2
Column	K09(Recoded)	Tolerance toward Immigrants Index	1-3		1
Control	A07A	Party ID: 3 category	1-3		2
Weight	WEIGHT	Weight	.0885-6.4445		1

Frequency Distribution

Cells contain: -Column percent -Weighted N		A07			ROW TOTAL
		1 Democrat	2 Independent- no lean	3 Republican	
A02A	1: Clinton	92.0 1,152	43.6 77	8.4 90	52.7 1,319
	2: Trump	8.0 100	56.4 100	91.6 985	47.3 1,185
	COL TOTAL	100.0 1,252	100.0 178	100.0 1,075	100.0 2,504

Statistics for A07A = 1(Democrat)

Cells contain: -Column percent -Weighted N		K09			ROW TOTAL
		1 Low tolerance	2 Middle	3 High tolerance	
A02A	1: Clinton	78.0 229	91.5 233	98.3 679	92.1 1,142
	2: Trump	22.0 65	8.5 22	1.7 12	7.9 98
	COL TOTAL	100.0 294	100.0 255	100.0 691	100.0 1,240

Statistics for A07A = 3(Republican)

Cells contain: -Column percent -Weighted N		K09			ROW TOTAL
		1 Low tolerance	2 Middle	3 High tolerance	
A02A	1: Clinton	4.4 26	6.9 20	24.2 45	8.5 90
	2: Trump	95.6 571	93.1 266	75.8 140	91.5 977
	COL TOTAL	100.0 597	100.0 285	100.0 185	100.0 1,067

Statistics for A07A = 2(Independent)

Cells contain: -Column percent -Weighted N		K09			ROW TOTAL
		1 Low tolerance	2 Middle	3 High tolerance	
A02A	1: Clinton	23.0 18	53.1 17	67.1 43	44.4 77
	2: Trump	77.0 61	46.9 15	32.9 21	55.6 97
	COL TOTAL	100.0 79	100.0 31	100.0 63	100.0 174

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected		Larger than expected				

Variables					
Role	**Name**	**Label**	**Range**	**MD**	**Dataset**
Row	**A02A**	Pres vote 2 party	1-2		2
Column	**R07**	Education	1-5	9	1
Weight	**WEIGHT**	Weight	.0885-6.4445		1

Frequency Distribution							
		R07					
Cells contain: -**Column percent** -Weighted N		1 Less than HS	2 HS diploma	3 Some college	4 College graduate	5 Graduate degree	*ROW TOTAL*
A02A	1: Clinton	**60.5** 101	**46.8** 294	**46.7** 354	**51.7** 276	**71.3** 290	**52.7** *1,315*
	2: Trump	**39.5** 66	**53.2** 334	**53.3** 404	**48.3** 257	**28.7** 117	**47.3** *1,178*
	COL TOTAL	*100.0* *168*	*100.0* *628*	*100.0* *758*	*100.0* *533*	*100.0* *407*	*100.0* *2,493*

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 05:28 PM EDT)

Variables			
Role	**Name**	**Label**	**Range**
Row	**A02A**	Pres vote 2 party	1-2
Column	**R07(Recoded)**	Education	1-2
Weight	**WEIGHT**	Weight	.0885-6.4445

Frequency Distribution				
		R07		
Cells contain: -**Column percent** -Weighted N		1 not college grad	2 College grad	*ROW TOTAL*
	1: Clinton	**48.2** 749	**60.2** 566	**52.7** *1,315*
A02A	2: Trump	**51.8** 805	**39.8** 374	**47.3** *1,178*
	COL TOTAL	*100.0* *1,554*	*100.0* *939*	*100.0* *2,493*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Recode for 'R07'
1 = 1-3 "not college grad"; 2 = 4-5 "College grad"

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 05:24 PM EDT)

Variables

Role	Name	Label	Range
Row	**A02A**	Pres vote 2 party	1-2
Column	**R02(Recoded)**	Race/ethnicity	1-2
Control	**R07(Recoded)**	Education	1-2
Weight	**WEIGHT**	Weight	.0885-6.4445

Statistics for all valid cases

Cells contain: -**Column percent** -Weighted N		R02		
		1 White	2 Not White	ROW TOTAL
A02A	1: Clinton	42.3 764	80.4 546	52.7 1,310
	2: Trump	57.7 1,041	19.6 133	47.3 1,174
	COL TOTAL	100.0 1,805	100.0 679	100.0 2,485

Statistics for R07 = 1(not college grad)

Cells contain: -**Column percent** -Weighted N		R02		
		1 White	2 Not White	ROW TOTAL
A02A	1: Clinton	33.7 363	81.3 383	48.2 746
	2: Trump	66.3 714	18.7 88	51.8 802
	COL TOTAL	100.0 1,077	100.0 471	100.0 1,548

Statistics for R07 = 2(College grad)

Cells contain: -**Column percent** -Weighted N		R02		
		1 White	2 Not White	ROW TOTAL
A02A	1: Clinton	55.1 401	78.1 163	60.2 564
	2: Trump	44.9 327	21.9 45	39.8 373
	COL TOTAL	100.0 729	100.0 208	100.0 937

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 04:46 PM EDT)

Variables				
Role	**Name**	**Label**	**Range**	**MD**
Row	**R02(Recoded)**	Race/ethnicity	1-2	
Column	**A07A**	Party ID: 3 category	1-3	
Weight	**WEIGHT**	Weight	.0885-6.4445	

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		A07A			
		1 Democrat	2 Independent	3 Republican	*ROW TOTAL*
R02	1: White	**57.9** 976	**65.3** 326	**85.1** 1,212	**69.7** 2,514
	2: Not White	**42.1** 709	**34.7** 174	**14.9** 212	**30.3** 1,095
	COL TOTAL	**100.0** 1,685	**100.0** 500	**100.0** 1,424	**100.0** 3,609

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 03:44 PM EDT)

Variables			
Role	**Name**	**Label**	**Range**
Row	**A02A**	Pres vote 2 party	1-2
Column	**M06(Recoded)**	Black support index	1-2
Weight	**WEIGHT**	Weight	.0885-6.4445

Frequency Distribution

Cells contain: -**Column percent** -Weighted N		M06		
		1 Low support	2 High support	*ROW TOTAL*
A02A	1: Clinton	**22.6** 258	**78.3** 1,054	**52.8** 1,312
	2: Trump	**77.4** 883	**21.7** 292	**47.2** 1,174
	COL TOTAL	**100.0** 1,141	**100.0** 1,346	**100.0** 2,486

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Recode for 'M06'
1 = 1-2 "Low support"; 2 = 3-5 "High support"

SDA 3.5: Tables

SETUPS: Voting Behavior: The 2016 Election

Jul 14, 2020 (Tue 04:50 PM EDT)

Variables				
Role	**Name**	**Label**	**Range**	**MD**
Row	**A02A**	Pres vote 2 party	1-2	
Column	**A07A**	Party ID: 3 category	1-3	
Control	**M06(Recoded)**	Black support index	1-2	
Weight	**WEIGHT**	Weight	.0885-6.4445	
Filter	**R02(1)**	Race/ethnicity(=White)	1-5	9

Frequency Distribution

Cells contain: -Column percent -Weighted N		A07A			
		1 Democrat	2 Independent	3 Republican	*ROW TOTAL*
A02A	1: Clinton	**87.8** 656	**35.4** 46	**7.0** 65	**42.3** *767*
	2: Trump	**12.2** 91	**64.6** 84	**93.0** 870	**57.7** *1,045*
	COL TOTAL	*100.0* *747*	*100.0* *129*	*100.0* *935*	*100.0* *1,812*

Statistics for M06 = 1(Low Support)

Cells contain: -Column percent -Weighted N		A07A			
		1 Democrat	2 Independent	3 Republican	*ROW TOTAL*
A02A	1: Clinton	**63.5** 122	**15.0** 12	**3.2** 22	**16.4** *155*
	2: Trump	**36.5** 70	**85.0** 66	**96.8** 655	**83.6** *791*
	COL TOTAL	*100.0* *191*	*100.0* *78*	*100.0* *677*	*100.0* *946*

Statistics for M06 = 2(High Support)

Cells contain: -Column percent -Weighted N		A07A			
		1 Democrat	2 Independent	3 Republican	*ROW TOTAL*
A02A	1: Clinton	**96.4** 532	**68.6** 34	**17.1** 44	**71.2** *609*
	2: Trump	**3.6** 20	**31.4** 16	**82.9** 211	**28.8** *246*
	COL TOTAL	*100.0* *552*	*100.0* *50*	*100.0* *254*	*100.0* *856*

Color coding:	<-2.0	<-1.0	<0.0	>0.0	>1.0	>2.0	Z
N in each cell:	Smaller than expected			Larger than expected			

Questions/comments?

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