

# Supplementary Materials

(UN)HAPPINESS AND VOTING IN U.S. PRESIDENTIAL ELECTIONS

Journal of Personality and Social Psychology

## A Supplementary Materials for Study 1(a)

### Data

**Gallup Daily Poll.** The Gallup Daily poll surveys a random sample of US adults about various political, economic, and well-being topics on a daily basis. Between 2008 and 2012, we are able to observe the SWB of around 1,000 adults per day. At the beginning of 2013, this changed to around 500 adults per day, yielding a total included sample of  $N = 2,070,841$ . Around 60% of interviews are conducted via cellphone and 40% via landline. Location data (zip codes) are collected, allowing us to aggregate to counties, core-based statistical areas and commuting zones. For all of our Gallup-based variables (i.e. SWB and subjective economic evaluations), we code them at the individual level and then take a county-level linear mean. Question wordings are as follows.

*Life Today.* “Please imagine a ladder with steps numbered from zero at the bottom to 10 at the top. The top of the ladder represents the best possible life for you and the bottom of the ladder represents the worst possible life for you. On which step of the ladder would you say you personally feel you stand at this time?”

*Life in 5 Years.* “Please imagine a ladder with steps numbered from zero at the bottom to 10 at the top. The top of the ladder represents the best possible life for you and the bottom of the ladder represents the worst possible life for you. On which step do you think you will stand about five years from now?”

*Positive Affect.* Mean response to three yes/no (1/0) questions:

- “Did you smile or laugh a lot yesterday?”
- “Did you experience the following feelings during a lot of the day yesterday? How about... Happiness?”
- “...Enjoyment?”

*Negative Affect.* Mean response to three yes/no (1/0) questions:

- “Did you experience the following feelings during a lot of the day yesterday? How about... Sadness?”
- “...Worry?”
- “...Stress?”

*Purpose.*<sup>19</sup> Mean of: On a 5-point scale, where 5 means strongly agree and 1 means strongly disagree, please rate your level of agreement with the following items.

- “You like what you do every day.”
- “You learn or do something interesting every day.”

### Electoral Data

Electoral data for studies 1(a)-(c) is drawn from the Dave Leip U.S. Presidential General County Election Results. See <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/SUCQ52>

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<sup>19</sup>These questions are included only from 2013 onwards.

**Subjective Economic Variables (Gallup Daily Poll)**

**Economy Today.** “How would you rate economic conditions in this country today - - as excellent, good, only fair, or poor?” Coded onto a 1-4 scale (4=excellent).

**Economic Outlook.** “Right now, do you think that economic conditions in this country, as a whole, are getting better or getting worse?” Coded onto a -1 to 1 scale (1=better).

**Demographic Variables**

**% 65+.** Source: American Communities Survey, 5 Year Estimates (2011-2015).

**% Married.** Source: American Communities Survey, 5 Year Estimates (2011-2015).

**% Female.** Source: American Communities Survey, 5 Year Estimates (2011-2015).

**% White.** Source: American Communities Survey, 5 Year Estimates (2011-2015).

**% Veteran.** Source: American Communities Survey, 5 Year Estimates (2011-2015).

**Population Density.** Source: Census Gazetteer Files (2000).

**Racial Animus.** Index is drawn from estimates calculated using Google search data by Stephens-Davidowitz (2014).

**Religiosity.** % Religious. Source: Chetty and Hendren (2018).

**Moral Values.** Relative importance of universalist vs. communal moral values. Source: Enke (2020).

**Objective Economic Variables**

**Median Household Income.** Annual, election year. Source: U.S. Census Bureau’s Small Area Income and Poverty Estimate (SAIPE) program.

**Unemployment Rate.** Annual, election year. Source: Bureau of Labor Statistics (BLS) .

**Economic Growth.** Mean of real wage growth and employment growth. The growth figures refer to the percentage change in real wages per employee and number of jobs in the county respectively from 2015Q3 to 2016Q3. Source: Quarterly Census of Employment and Wages (QCEW).

**Inequality.** Gini coefficient. Source: Chetty and Hendren (2018).

**Education.** % Some college or more. Source: American Communities Survey, 5 Year Estimates (2011-2015).

**Table S1:** Descriptive Statistics

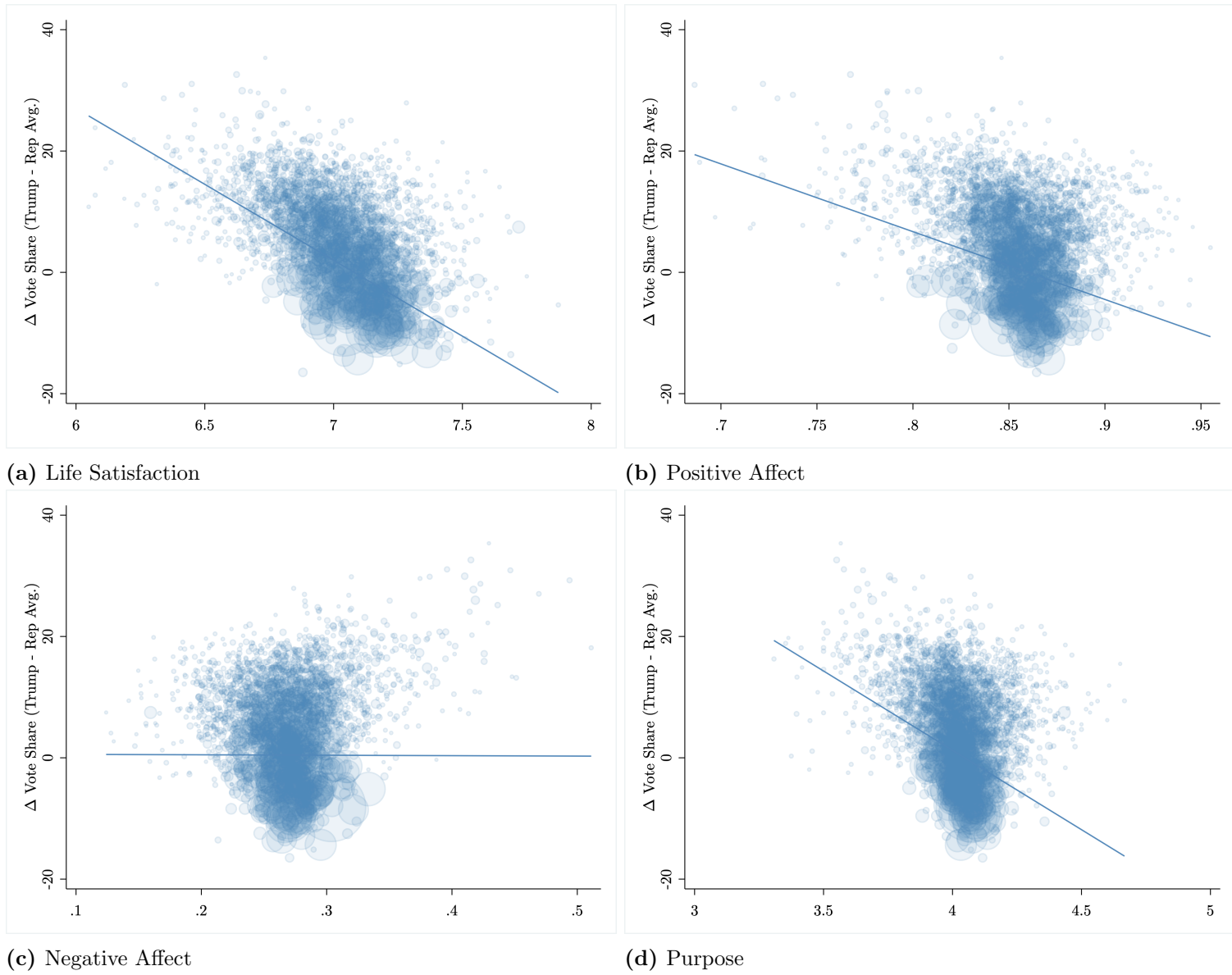
Variable	Obs	Mean	Std. Dev.	Min	Max
Trump Vote Share 2016	3000	66.74	15.92	8.71	96.75
Trump Vote (- Rep. Avg. 00-12)	3000	7.2	7.03	-16.49	35.35
Trump Vote Share in Primaries	2766	45.89	15.95	0	91.28
Life Today	3000	7	.26	4.73	8.5
Life in 5 Years	3000	7.29	.36	5.3	9
Positive Affect	3000	.85	.03	.59	1
Negative Affect	3000	.27	.05	0	.52
Eudaemonia	2994	4.03	.2	1	5
Median Income (ln)	3000	10.76	.23	10.04	11.74
Unemployment Rate	3000	5.49	1.93	1.8	24
Economic Growth	3000	2.49	3.95	-35.94	59.09
Racial Animus	3000	61.34	17.71	25.68	154.51
% Religious	3000	.53	.18	.02	1.31
Population Density (ln)	3000	3.76	1.63	-1.31	11.11

**Table S2:** Individual-Level SWB in the Gallup Daily Poll

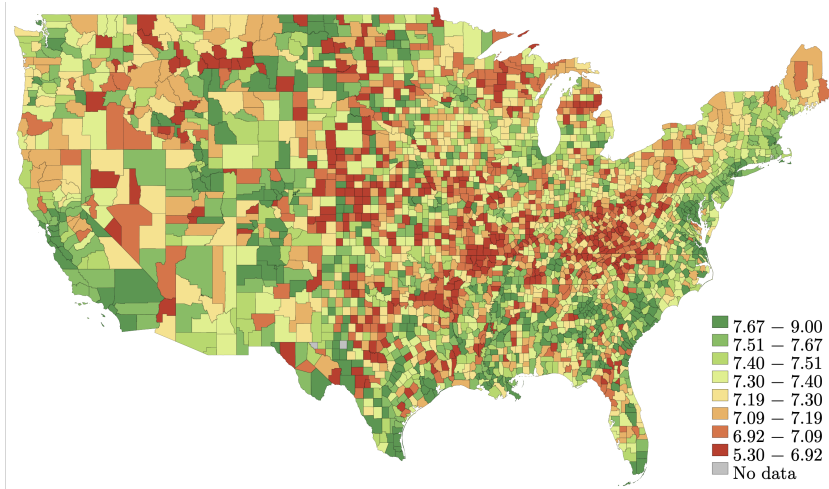
	Individuals	Mean	Std. Dev.	Min	Max
Life Today	2,030,651	7.06	1.95	0	10
Life in 5 Years	1,942,443	7.53	2.31	0	10
Positive Affect	2,056,087	0.86	0.28	0	1
Negative Affect	2,070,841	0.27	0.35	0	1
Purpose	682,598	4.03	0.98	1	5

**Table S3:** Correlation Matrix

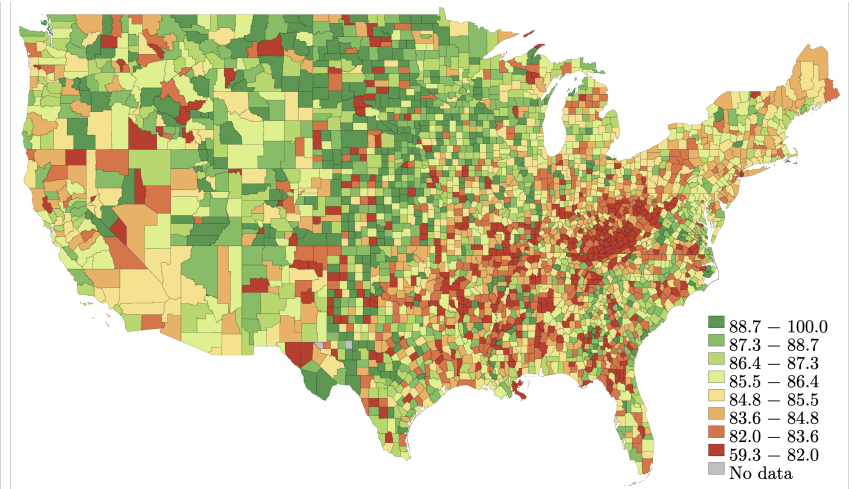
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	1	Trump Vote Share 2016	1.00													
	2	Trump Vote (- Rep. Avg. 00-12)	0.70	1.00												
	3	Trump Vote Share in Primaries	-0.15	0.06	1.00											
	4	Life Today	-0.28	-0.53	-0.22	1.00										
	5	Life in 5 Years	-0.71	-0.78	-0.09	0.58	1.00									
α	6	Positive Affect	0.05	-0.28	-0.25	0.62	0.23	1.00								
	7	Negative Affect	-0.20	-0.01	0.25	-0.42	0.01	-0.63	1.00							
	8	Eudaemonia	-0.06	-0.30	-0.10	0.54	0.23	0.54	-0.39	1.00						
	9	Median Income (ln)	-0.34	-0.48	0.10	0.49	0.47	0.31	-0.08	0.24	1.00					
	10	Unemployment Rate	0.00	0.19	0.39	-0.38	-0.19	-0.38	0.26	-0.21	-0.50	1.00				
	11	Economic Growth	-0.20	-0.26	0.07	0.10	0.19	0.10	-0.01	0.06	0.17	-0.08	1.00			
	12	Racism Index	0.15	0.33	0.11	-0.30	-0.21	-0.33	0.19	-0.30	-0.25	0.26	-0.13	1.00		
	13	% Religious	0.07	0.09	-0.16	0.06	-0.02	0.00	0.04	0.00	0.06	-0.18	-0.22	0.09	1.00	
	14	Population Density (ln)	-0.72	-0.56	0.03	0.17	0.65	-0.14	0.27	-0.10	0.41	-0.15	0.17	0.08	0.11	1.00



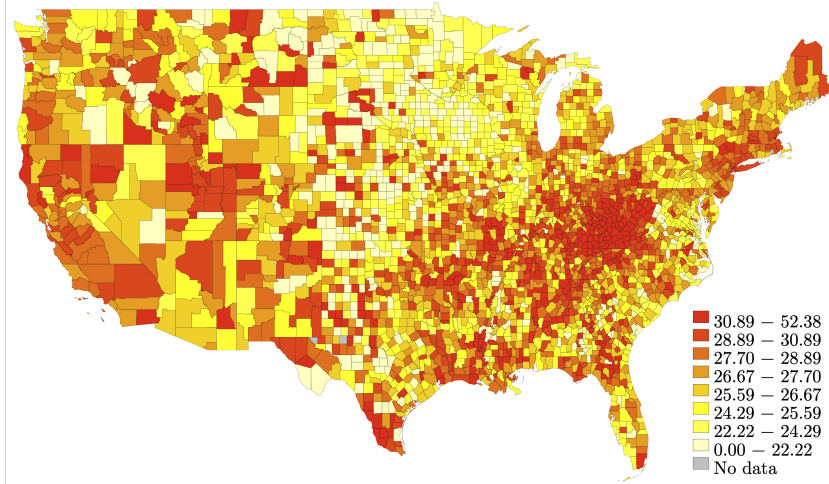
**Figure S1:** Bivariate Scatterplots. Each county is weighted by the number of respondents in the Gallup Poll



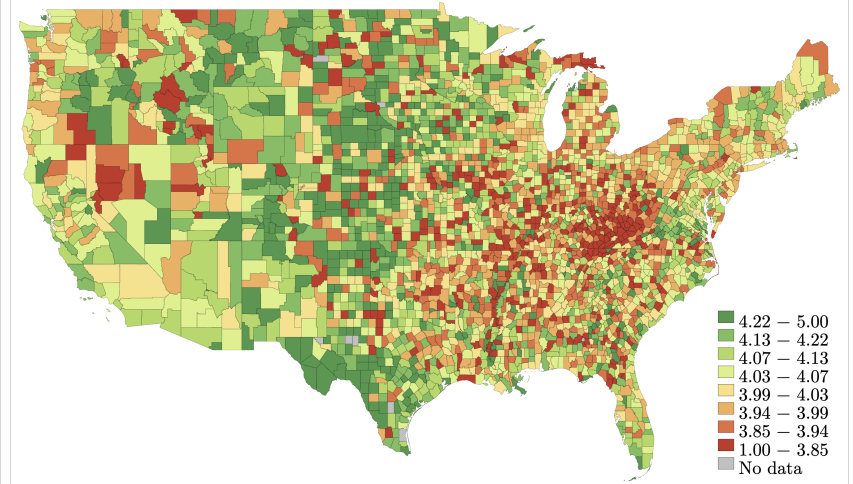
(a) Life in 5 Years



(b) Positive Affect



(c) Negative Affect



(d) Purpose

Figure S2: Spatial Distribution of Subjective Well-Being Across US Counties

**Table S4:** Robustness to The Inclusion of Additional Covariates

	Trump Vote Share in 2016				$\Delta$ (Trump - Rep Avg. 2000-12)					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Life Evaluation: Today	-2.16*** (0.29)					-1.40*** (0.17)				
Life Evaluation: Future		-1.63*** (0.36)					-0.89*** (0.22)			
Positive Affect			-1.79*** (0.27)					-0.89*** (0.17)		
Negative Affect				1.50*** (0.32)					0.69*** (0.20)	
Purpose					-1.85*** (0.26)					-1.06*** (0.16)
Median Income (ln)	0.87** (0.43)	0.75 (0.46)	0.71 (0.44)	0.82* (0.44)	0.73* (0.44)	0.52* (0.28)	0.43 (0.29)	0.41 (0.28)	0.46 (0.28)	0.43 (0.28)
Unemployment Rate	0.70* (0.41)	0.79* (0.44)	0.64 (0.42)	0.65 (0.41)	0.72* (0.41)	0.30 (0.27)	0.36 (0.29)	0.28 (0.28)	0.30 (0.28)	0.32 (0.28)
Economic Growth	-0.51** (0.25)	-0.52** (0.26)	-0.52** (0.25)	-0.55** (0.25)	-0.50** (0.25)	-0.18 (0.15)	-0.18 (0.16)	-0.19 (0.15)	-0.20 (0.15)	-0.17 (0.15)
Racial Animus	0.59*** (0.21)	0.60*** (0.22)	0.58*** (0.22)	0.59*** (0.22)	0.59*** (0.22)	0.45*** (0.12)	0.46*** (0.13)	0.45*** (0.13)	0.46*** (0.13)	0.46*** (0.13)
% Religious	1.52*** (0.26)	1.42*** (0.27)	1.47*** (0.26)	1.43*** (0.26)	1.45*** (0.26)	0.61*** (0.16)	0.54*** (0.16)	0.57*** (0.16)	0.55*** (0.16)	0.56*** (0.16)
Population Density (ln)	-0.75* (0.39)	-0.14 (0.38)	-0.49 (0.38)	-0.46 (0.39)	-0.54 (0.38)	-1.35*** (0.25)	-0.97*** (0.24)	-1.14*** (0.25)	-1.11*** (0.25)	-1.19*** (0.24)
% Some College or More	-5.38*** (0.35)	-5.74*** (0.35)	-5.84*** (0.35)	-6.10*** (0.34)	-5.96*** (0.34)	-3.69*** (0.22)	-3.97*** (0.22)	-4.05*** (0.22)	-4.18*** (0.21)	-4.09*** (0.21)
Trade Exposure	-0.33* (0.17)	-0.30* (0.17)	-0.26 (0.18)	-0.27 (0.18)	-0.28* (0.17)	-0.06 (0.09)	-0.03 (0.09)	-0.01 (0.10)	-0.02 (0.10)	-0.02 (0.09)
Universalist Moral Values (v Comm)	-1.10*** (0.18)	-1.13*** (0.18)	-1.12*** (0.18)	-1.15*** (0.18)	-1.09*** (0.18)	-0.67*** (0.11)	-0.69*** (0.11)	-0.69*** (0.11)	-0.70*** (0.11)	-0.67*** (0.11)
Gini Coefficient	-0.14 (0.24)	-0.24 (0.24)	-0.26 (0.23)	-0.37 (0.23)	-0.18 (0.24)	-0.06 (0.14)	-0.13 (0.15)	-0.14 (0.14)	-0.20 (0.14)	-0.09 (0.15)
% 65+	0.08 (0.25)	-0.54** (0.26)	-0.07 (0.25)	0.12 (0.26)	-0.01 (0.25)	0.19 (0.15)	-0.18 (0.15)	0.07 (0.15)	0.16 (0.16)	0.12 (0.15)
% Married	1.73*** (0.39)	1.68*** (0.42)	1.68*** (0.40)	1.57*** (0.41)	1.72*** (0.40)	0.71*** (0.24)	0.68*** (0.25)	0.68*** (0.25)	0.63** (0.25)	0.70*** (0.25)
% White	7.25*** (0.38)	7.20*** (0.40)	7.46*** (0.38)	7.34*** (0.39)	7.42*** (0.38)	4.76*** (0.24)	4.79*** (0.25)	4.95*** (0.25)	4.91*** (0.25)	4.90*** (0.24)
% Female	-0.18 (0.25)	-0.10 (0.25)	-0.19 (0.25)	-0.11 (0.25)	-0.17 (0.25)	-0.04 (0.15)	0.00 (0.16)	-0.04 (0.15)	-0.00 (0.15)	-0.03 (0.15)
% Veterans	0.83*** (0.17)	0.95*** (0.18)	0.89*** (0.17)	1.05*** (0.18)	0.83*** (0.18)	0.70*** (0.10)	0.77*** (0.11)	0.74*** (0.11)	0.81*** (0.11)	0.71*** (0.11)
Net Mig Flow: Internat	0.22 (0.17)	0.24 (0.18)	0.14 (0.17)	0.22 (0.18)	0.23 (0.17)	0.10 (0.11)	0.11 (0.12)	0.06 (0.11)	0.10 (0.12)	0.10 (0.11)
Net Mig Flow: Domestic	0.04 (0.21)	0.10 (0.21)	0.10 (0.21)	0.06 (0.20)	0.05 (0.21)	-0.03 (0.12)	-0.00 (0.13)	-0.01 (0.13)	-0.03 (0.13)	-0.03 (0.13)
Land Area (miles <sup>2</sup> )	0.05 (0.10)	0.15 (0.09)	0.12 (0.10)	0.10 (0.10)	0.10 (0.09)	-0.10* (0.06)	-0.04 (0.06)	-0.05 (0.06)	-0.06 (0.06)	-0.07 (0.06)
Latitude	-2.54*** (0.69)	-2.29*** (0.71)	-2.23*** (0.70)	-2.04*** (0.70)	-2.42*** (0.70)	-0.75* (0.40)	-0.57 (0.41)	-0.54 (0.40)	-0.45 (0.40)	-0.65 (0.40)
Longitude	1.60* (0.95)	2.15** (0.96)	1.75* (0.95)	1.91** (0.97)	1.78* (0.94)	0.78 (0.66)	1.12* (0.67)	0.91 (0.67)	0.99 (0.68)	0.91 (0.65)
% Rural	0.10 (0.32)	0.34 (0.33)	0.09 (0.32)	0.16 (0.32)	0.28 (0.32)	0.04 (0.20)	0.20 (0.20)	0.07 (0.20)	0.10 (0.20)	0.16 (0.20)
Violent Crime	0.54** (0.22)	0.61*** (0.23)	0.55** (0.22)	0.63*** (0.22)	0.55** (0.22)	0.32** (0.14)	0.36*** (0.14)	0.33** (0.14)	0.37*** (0.14)	0.32** (0.13)
Republican Vote Share in 2000	8.01*** (0.29)	7.81*** (0.30)	8.17*** (0.29)	8.19*** (0.30)	8.09*** (0.29)	-2.82*** (0.18)	-2.94*** (0.19)	-2.76*** (0.18)	-2.76*** (0.18)	-2.79*** (0.18)
Counties	2121	2121	2121	2121	2121	2121	2121	2121	2121	2121
R <sup>2</sup>	0.947	0.946	0.946	0.946	0.946	0.872	0.867	0.868	0.867	0.868

Notes: Robust standard errors in parentheses. State FEs included in all models. Within-state R<sup>2</sup>s reported. Each county is weighted by the number of respondents in the Gallup Poll. \*p < 0.10, \*\*p < 0.05, \*\*\*p < 0.01.



**Table S5:** Alternative Spatial Fixed Effects

		$\Delta$ (Trump - Rep Avg. 2000-12)									
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
6	Life Evaluation: Today	-2.39*** (0.25)					-3.00*** (0.45)				
	Life Evaluation: Future		-3.37*** (0.27)					-3.95*** (0.42)			
	Positive Affect			-1.61*** (0.23)					-2.61*** (0.48)		
	Negative Affect				0.94*** (0.28)					1.75*** (0.57)	
	Purpose					-1.50*** (0.22)					-2.00*** (0.48)
	Median Income (ln)	-0.31 (0.28)	-0.76*** (0.24)	-0.74*** (0.28)	-1.02*** (0.27)	-0.97*** (0.27)	-0.34 (0.42)	-0.86** (0.37)	-0.93** (0.41)	-1.35*** (0.40)	-1.34*** (0.39)
	Unemployment Rate	1.22*** (0.39)	1.44*** (0.33)	1.26*** (0.40)	1.39*** (0.41)	1.28*** (0.40)	1.66** (0.66)	2.47*** (0.57)	1.34** (0.68)	1.58** (0.72)	1.42** (0.68)
	Economic Growth	-0.12 (0.23)	0.02 (0.22)	-0.13 (0.23)	-0.11 (0.23)	-0.12 (0.23)	0.28 (0.41)	0.42 (0.39)	0.26 (0.40)	0.23 (0.42)	0.22 (0.42)
	Racial Animus	0.36 (0.23)	0.42* (0.23)	0.45* (0.26)	0.49* (0.26)	0.43 (0.27)	1.34 (0.89)	0.53 (0.82)	1.57* (0.87)	1.46 (0.90)	1.13 (0.91)
	% Religious	0.31 (0.25)	0.01 (0.24)	0.25 (0.26)	0.23 (0.27)	0.26 (0.26)	-0.13 (0.38)	-0.54 (0.34)	-0.30 (0.38)	-0.47 (0.40)	-0.31 (0.38)
	Population Density (ln)	-4.42*** (0.31)	-3.08*** (0.33)	-4.84*** (0.30)	-4.92*** (0.32)	-4.90*** (0.32)	-4.80*** (0.38)	-3.23*** (0.44)	-5.51*** (0.33)	-5.60*** (0.32)	-5.53*** (0.37)
	Observations	2942	2942	2942	2942	2935	1141	1141	1141	1141	1139
	Commuting Zone FEs	✓	✓	✓	✓	✓					
	CBSA FEs						✓	✓	✓	✓	✓
R <sup>2</sup>	0.577	0.615	0.547	0.535	0.544	0.641	0.674	0.622	0.609	0.611	

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S6:** Inclusion of Subjective Economic Sentiment

	$\Delta$ (Trump - Rep Avg. 2000-12)				
	(1)	(2)	(3)	(4)	(5)
Life Evaluation: Today	-1.78*** (0.22)				
Life Evaluation: Future		-2.51*** (0.29)			
Positive Affect			-1.46*** (0.23)		
Negative Affect				0.73*** (0.22)	
Purpose					-1.25*** (0.21)
Median Income (ln)	-0.43** (0.18)	-0.56*** (0.20)	-0.61*** (0.18)	-0.77*** (0.18)	-0.71*** (0.18)
Unemployment Rate	-0.18 (0.26)	0.08 (0.29)	-0.29 (0.26)	-0.19 (0.26)	-0.18 (0.26)
Economic Growth	-0.42** (0.18)	-0.41** (0.17)	-0.41** (0.17)	-0.43** (0.18)	-0.44** (0.18)
Racial Animus	0.45*** (0.17)	0.43** (0.17)	0.41** (0.17)	0.40** (0.17)	0.39** (0.18)
% Religious	0.82*** (0.18)	0.58*** (0.19)	0.79*** (0.18)	0.76*** (0.18)	0.83*** (0.18)
Population Density (ln)	-2.28*** (0.19)	-1.49*** (0.21)	-2.25*** (0.19)	-2.13*** (0.20)	-2.22*** (0.20)
Subj Evaluation: Econ Today	-3.05*** (0.28)	-2.98*** (0.28)	-3.44*** (0.27)	-3.65*** (0.27)	-3.62*** (0.27)
Subj Evaluation: Econ Outlook	-1.07*** (0.28)	-0.50* (0.29)	-1.21*** (0.27)	-1.21*** (0.28)	-1.06*** (0.28)
Counties	3000	3000	3000	3000	2994
R <sup>2</sup>	0.707	0.717	0.702	0.695	0.699

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S7:** Differences Across Swing and Safe Counties

Sample Restriction:	$\Delta$ (Trump - Rep Avg. 2000-12)														
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Avg GOP Vote 2000-12	<40%	40%-60%	>60%	<40%	40%-60%	>60%	<40%	40%-60%	>60%	<40%	40%-60%	>60%	<40%	40%-60%	>60%
Life Evaluation: Today	-3.20*** (0.71)	-3.93*** (0.38)	-1.63*** (0.24)												
Life Evaluation: Future				-4.61*** (0.89)	-5.69*** (0.32)	-2.28*** (0.21)									
Positive Affect							-2.47*** (0.91)	-2.75*** (0.40)	-1.22*** (0.20)						
Negative Affect										-0.10 (0.81)	1.36*** (0.48)	0.94*** (0.20)			
Purpose													-3.45*** (0.83)	-3.25*** (0.41)	-0.97*** (0.19)
Median Income (ln)	0.63 (0.47)	-0.37 (0.36)	-1.49*** (0.25)	-0.30 (0.37)	-0.02 (0.37)	-1.34*** (0.23)	0.08 (0.45)	-0.98** (0.40)	-1.74*** (0.26)	-0.29 (0.43)	-1.24*** (0.40)	-1.92*** (0.26)	0.03 (0.42)	-0.91** (0.39)	-1.91*** (0.26)
Unemployment Rate	1.19* (0.60)	0.40 (0.56)	0.65 (0.47)	1.46** (0.56)	0.51 (0.61)	0.72* (0.40)	1.29** (0.61)	0.39 (0.66)	0.72 (0.46)	1.57** (0.64)	0.67 (0.70)	0.74 (0.47)	1.34** (0.62)	0.59 (0.64)	0.79* (0.46)
Economic Growth	0.80 (1.04)	-0.65** (0.32)	-0.45** (0.20)	1.75* (1.02)	-0.35 (0.28)	-0.53*** (0.19)	1.11 (1.02)	-0.48 (0.31)	-0.54*** (0.20)	1.36 (1.06)	-0.59* (0.32)	-0.49** (0.20)	0.83 (1.03)	-0.52* (0.31)	-0.54*** (0.20)
Racial Animus	2.06*** (0.72)	1.11*** (0.32)	0.55*** (0.19)	1.86*** (0.67)	0.85*** (0.29)	0.51*** (0.18)	2.36*** (0.77)	1.26*** (0.35)	0.50** (0.19)	2.44*** (0.80)	1.32*** (0.35)	0.46** (0.20)	2.31*** (0.76)	1.19*** (0.35)	0.49** (0.20)
% Religious	-1.12* (0.62)	1.16*** (0.31)	-0.29 (0.20)	-1.22** (0.61)	0.51* (0.29)	-0.50*** (0.19)	-1.10* (0.64)	0.91*** (0.33)	-0.30 (0.20)	-1.28* (0.71)	0.89** (0.35)	-0.39* (0.21)	-1.16** (0.58)	1.00*** (0.34)	-0.39* (0.20)
Population Density (ln)	-2.37*** (0.47)	-4.15*** (0.36)	-4.19*** (0.34)	-0.47 (0.53)	-2.46*** (0.30)	-3.34*** (0.30)	-2.42*** (0.42)	-4.29*** (0.37)	-4.21*** (0.35)	-1.93*** (0.44)	-4.30*** (0.39)	-4.37*** (0.35)	-2.32*** (0.43)	-4.57*** (0.39)	-4.35*** (0.35)
Counties	201	1269	1522	201	1269	1522	201	1269	1522	201	1269	1522	200	1267	1519
R <sup>2</sup>	0.543	0.584	0.647	0.600	0.656	0.663	0.489	0.538	0.634	0.462	0.517	0.629	0.531	0.546	0.629

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S8:** Reverse Causation: SWB measures from < 2015 only

	$\Delta$ (Trump - Rep Avg. 2000-12)				
	(1)	(2)	(3)	(4)	(5)
Life Today	-3.54*** (0.22)				
Life in 5 Years		-4.36*** (0.23)			
Positive Affect			-2.47*** (0.24)		
Negative Affect				1.54*** (0.26)	
Purpose					-2.03*** (0.21)
Median Income (ln)	-0.48** (0.22)	-0.74*** (0.24)	-0.95*** (0.25)	-1.21*** (0.25)	-1.15*** (0.24)
Unemployment Rate	0.16 (0.36)	0.54 (0.40)	0.11 (0.40)	0.28 (0.42)	0.31 (0.40)
Economic Growth	-0.57*** (0.20)	-0.50*** (0.19)	-0.56*** (0.20)	-0.59*** (0.20)	-0.64*** (0.20)
Racial Animus	0.98*** (0.19)	0.81*** (0.19)	1.08*** (0.21)	1.10*** (0.21)	1.07*** (0.22)
% Religious	0.84*** (0.19)	0.35* (0.21)	0.74*** (0.21)	0.68*** (0.22)	0.77*** (0.22)
Population Density (ln)	-4.02*** (0.16)	-2.17*** (0.20)	-4.39*** (0.16)	-4.35*** (0.17)	-4.30*** (0.17)
Counties	3000	3000	3000	3000	2981
R <sup>2</sup>	0.632	0.662	0.591	0.574	0.581

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S9:** Reverse Causation: SWB measures residualized from individual-level observables

	$\Delta$ (Trump - Rep Avg. 2000-12)				
	(1)	(2)	(3)	(4)	(5)
Life Today	-3.05*** (0.21)				
Life in 5 Years		-2.88*** (0.26)			
Positive Affect			-2.00*** (0.22)		
Negative Affect				2.27*** (0.23)	
Purpose					-1.64*** (0.20)
Median Income (ln)	-1.50*** (0.23)	-1.37*** (0.26)	-1.39*** (0.25)	-1.49*** (0.24)	-1.41*** (0.25)
Unemployment Rate	0.32 (0.38)	0.56 (0.44)	0.23 (0.41)	0.31 (0.40)	0.34 (0.41)
Economic Growth	-0.55*** (0.21)	-0.53*** (0.20)	-0.59*** (0.20)	-0.58*** (0.20)	-0.61*** (0.21)
Racial Animus	0.98*** (0.20)	1.00*** (0.21)	1.09*** (0.21)	1.02*** (0.21)	1.09*** (0.22)
% Religious	0.86*** (0.21)	0.57** (0.22)	0.79*** (0.22)	0.65*** (0.22)	0.76*** (0.22)
Population Density (ln)	-4.19*** (0.17)	-3.62*** (0.18)	-4.36*** (0.17)	-4.26*** (0.17)	-4.24*** (0.17)
Counties	3000	3000	3000	3000	2983
R <sup>2</sup>	0.610	0.599	0.581	0.587	0.575

**Table S10:** Individual-Level SWB Regressions

	(1)	(2)	(3)	(4)	(5)
	Life Today	Life in 5Y	Pos Aff	Neg Aff	Purpose
Age 30-39	-0.334*** (0.007)	-0.448*** (0.008)	-0.056*** (0.001)	0.029*** (0.001)	-0.090*** (0.007)
Age 40-49	-0.516*** (0.006)	-0.840*** (0.007)	-0.084*** (0.001)	0.040*** (0.001)	-0.166*** (0.007)
Age 50-59	-0.539*** (0.006)	-1.247*** (0.007)	-0.096*** (0.001)	0.027*** (0.001)	-0.163*** (0.007)
Age 60+	-0.065*** (0.006)	-1.762*** (0.007)	-0.049*** (0.001)	-0.088*** (0.001)	0.029*** (0.006)
Married	0.277*** (0.005)	-0.006 (0.006)	0.039*** (0.001)	-0.005*** (0.001)	0.118*** (0.005)
Separated	-0.374*** (0.012)	0.046*** (0.014)	-0.038*** (0.002)	0.103*** (0.002)	-0.050*** (0.013)
Divorced	-0.167*** (0.006)	-0.099*** (0.007)	-0.011*** (0.001)	0.039*** (0.001)	-0.033*** (0.007)
Widowed	0.139*** (0.006)	-0.319*** (0.008)	0.019*** (0.001)	-0.012*** (0.001)	0.079*** (0.008)
Domestic partner	0.062*** (0.009)	0.042*** (0.010)	0.021*** (0.001)	0.028*** (0.002)	0.076*** (0.009)
High school degree or diploma	0.063*** (0.007)	0.265*** (0.009)	0.036*** (0.001)	-0.044*** (0.001)	-0.076*** (0.008)
Technical/Vocational school	-0.044*** (0.008)	0.302*** (0.010)	0.035*** (0.001)	-0.025*** (0.002)	-0.085*** (0.010)
Some college	0.024*** (0.007)	0.427*** (0.009)	0.041*** (0.001)	-0.023*** (0.001)	-0.082*** (0.008)
College graduate	0.222*** (0.007)	0.543*** (0.009)	0.045*** (0.001)	-0.031*** (0.001)	-0.044*** (0.008)
Post graduate work or degree	0.399*** (0.007)	0.682*** (0.009)	0.047*** (0.001)	-0.025*** (0.001)	0.080*** (0.009)
Male	-0.311*** (0.003)	-0.305*** (0.004)	-0.016*** (0.000)	-0.043*** (0.001)	-0.033*** (0.003)
\$720 to \$5,999	0.482*** (0.020)	0.056** (0.024)	0.033*** (0.003)	-0.043*** (0.004)	0.212*** (0.022)
\$6,000 to \$11,999	0.327*** (0.015)	-0.286*** (0.018)	0.008*** (0.002)	-0.021*** (0.003)	0.094*** (0.018)
\$12,000 to \$23,999	0.490*** (0.014)	-0.139*** (0.017)	0.054*** (0.002)	-0.084*** (0.002)	0.210*** (0.017)
\$24,000 to \$35,999	0.765*** (0.014)	0.098*** (0.017)	0.088*** (0.002)	-0.132*** (0.002)	0.326*** (0.017)
\$36,000 to \$47,999	0.967*** (0.014)	0.274*** (0.017)	0.106*** (0.002)	-0.157*** (0.002)	0.376*** (0.017)
\$48,000 to \$59,999	1.126*** (0.014)	0.393*** (0.017)	0.114*** (0.002)	-0.172*** (0.003)	0.437*** (0.017)
\$60,000 to \$89,999	1.290*** (0.014)	0.543*** (0.017)	0.123*** (0.002)	-0.184*** (0.002)	0.475*** (0.016)
\$90,000 to \$119,999	1.449*** (0.014)	0.662*** (0.017)	0.128*** (0.002)	-0.190*** (0.003)	0.508*** (0.017)
\$120,000 and over	1.618***	0.775***	0.133***	-0.186***	0.584***

HAPPINESS AND VOTING

	(0.014)	(0.017)	(0.002)	(0.002)	(0.017)
Party: Lean Republican	-0.183***	-0.222***	-0.017***	0.021***	-0.084***
	(0.005)	(0.006)	(0.001)	(0.001)	(0.009)
Independent, no lean	-0.199***	-0.080***	-0.035***	0.016***	-0.072***
	(0.006)	(0.007)	(0.001)	(0.001)	(0.009)
Lean Democrat	-0.060***	0.200***	-0.019***	0.022***	-0.088***
	(0.005)	(0.006)	(0.001)	(0.001)	(0.009)
Democrat	0.041***	0.349***	-0.012***	0.010***	-0.055***
	(0.004)	(0.005)	(0.001)	(0.001)	(0.007)
Party Refused	-0.038***	0.063***	-0.017***	0.010***	-0.080***
	(0.005)	(0.006)	(0.001)	(0.001)	(0.005)
Month: FEB	-0.008	-0.036***	-0.000	0.007***	0.023***
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
MAR	0.003	-0.085***	0.001	0.008***	0.022***
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
APR	0.003	-0.055***	0.005***	0.003**	0.020***
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
MAY	0.016**	-0.031***	0.006***	-0.002	0.011
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
JUN	-0.005	-0.051***	0.005***	-0.002	-0.019**
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
JUL	-0.026***	-0.091***	0.005***	-0.002	-0.019**
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
AUG	-0.027***	-0.080***	0.003***	0.007***	-0.021***
	(0.007)	(0.008)	(0.001)	(0.001)	(0.008)
SEP	-0.039***	-0.049***	0.003***	0.008***	0.012
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
OCT	-0.038***	-0.084***	0.002*	0.007***	0.008
	(0.007)	(0.009)	(0.001)	(0.001)	(0.008)
NOV	-0.016**	-0.110***	0.007***	0.003**	-0.004
	(0.007)	(0.009)	(0.001)	(0.001)	(0.009)
DEC	-0.005	-0.099***	0.005***	0.012***	-0.027***
	(0.008)	(0.009)	(0.001)	(0.001)	(0.010)
Observations	1678405	1600917	1705842	1718467	329811
$R^2$	0.085	0.117	0.035	0.059	0.043

Notes: Robust standard errors in parentheses. Source: Gallup Daily Poll.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$ .

**Table S11:** Alternative Trump Swing Definitions I

	$\Delta$ (Trump - Romney)					$\Delta$ (Trump - McCain)				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Life Evaluation: Today	-2.44*** (0.15)					-2.56*** (0.17)				
Life Evaluation: Future		-2.32*** (0.17)					-3.24*** (0.18)			
Positive Affect			-1.44*** (0.17)					-1.46*** (0.18)		
Negative Affect				0.40** (0.17)					0.59*** (0.21)	
Purpose					-1.64*** (0.16)					-1.78*** (0.18)
Median Income (ln)	-0.98*** (0.16)	-1.28*** (0.18)	-1.39*** (0.18)	-1.60*** (0.19)	-1.46*** (0.17)	-0.46*** (0.17)	-0.65*** (0.18)	-0.90*** (0.20)	-1.10*** (0.20)	-0.96*** (0.18)
Unemployment Rate	0.17 (0.26)	0.42 (0.31)	0.17 (0.30)	0.33 (0.32)	0.27 (0.29)	-0.15 (0.27)	0.13 (0.31)	-0.14 (0.31)	-0.00 (0.32)	-0.05 (0.30)
Economic Growth	0.04 (0.14)	0.06 (0.13)	0.01 (0.14)	-0.02 (0.14)	-0.02 (0.14)	-0.20 (0.16)	-0.16 (0.15)	-0.24 (0.16)	-0.27 (0.17)	-0.26 (0.16)
Racial Animus	0.43*** (0.14)	0.37** (0.14)	0.51*** (0.15)	0.55*** (0.15)	0.47*** (0.15)	0.66*** (0.16)	0.53*** (0.15)	0.74*** (0.17)	0.77*** (0.18)	0.69*** (0.17)
% Religious	0.15 (0.15)	-0.13 (0.16)	0.09 (0.16)	0.06 (0.17)	0.13 (0.16)	0.22 (0.17)	-0.15 (0.18)	0.15 (0.19)	0.11 (0.19)	0.19 (0.19)
Population Density (ln)	-2.78*** (0.11)	-1.74*** (0.16)	-3.00*** (0.11)	-2.91*** (0.12)	-2.99*** (0.11)	-3.81*** (0.14)	-2.33*** (0.17)	-4.04*** (0.14)	-3.98*** (0.15)	-4.04*** (0.15)
Counties	3000	3000	3000	3000	2994	3000	3000	3000	3000	2994
R <sup>2</sup>	0.665	0.659	0.621	0.606	0.624	0.657	0.687	0.620	0.609	0.624

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .



**Table S12:** Alternative Trump Swing Definitions II

	$\Delta$ (Trump - GOP Avg. 2008-12)				$\Delta$ (Trump - GOP Avg. 2004-12)					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Life Evaluation: Today	-2.50*** (0.15)					-2.96*** (0.18)				
Life Evaluation: Future		-2.78*** (0.17)					-3.66*** (0.19)			
Positive Affect			-1.45*** (0.17)					-2.08*** (0.20)		
Negative Affect				0.50*** (0.18)					1.08*** (0.22)	
Purpose					-1.71*** (0.17)					-2.12*** (0.20)
Median Income (ln)	-0.72*** (0.16)	-0.96*** (0.18)	-1.14*** (0.19)	-1.35*** (0.19)	-1.21*** (0.18)	-0.53*** (0.19)	-0.76*** (0.20)	-0.96*** (0.21)	-1.22*** (0.21)	-1.10*** (0.20)
Unemployment Rate	0.01 (0.26)	0.27 (0.31)	0.02 (0.30)	0.16 (0.32)	0.11 (0.30)	0.01 (0.30)	0.33 (0.35)	-0.03 (0.34)	0.15 (0.36)	0.12 (0.34)
Economic Growth	-0.08 (0.14)	-0.05 (0.14)	-0.12 (0.15)	-0.14 (0.15)	-0.14 (0.15)	-0.34** (0.17)	-0.29* (0.16)	-0.37** (0.17)	-0.41** (0.18)	-0.41** (0.18)
Racial Animus	0.54*** (0.14)	0.45*** (0.14)	0.63*** (0.16)	0.66*** (0.16)	0.58*** (0.16)	0.82*** (0.17)	0.67*** (0.17)	0.90*** (0.18)	0.92*** (0.19)	0.85*** (0.19)
% Religious	0.19 (0.15)	-0.14 (0.17)	0.12 (0.17)	0.09 (0.17)	0.16 (0.17)	0.46*** (0.17)	0.04 (0.18)	0.39** (0.18)	0.33* (0.19)	0.43** (0.19)
Population Density (ln)	-3.29*** (0.12)	-2.03*** (0.16)	-3.52*** (0.12)	-3.45*** (0.13)	-3.51*** (0.12)	-3.70*** (0.14)	-2.03*** (0.18)	-4.01*** (0.14)	-3.96*** (0.15)	-3.97*** (0.14)
Counties	3000	3000	3000	3000	2994	3000	3000	3000	3000	2994
R <sup>2</sup>	0.674	0.687	0.633	0.619	0.637	0.658	0.690	0.620	0.602	0.618

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S13:** Trump Voting in the 2016 GOP Primaries

	Trump Vote Share in 2016 Primaries									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Life Evaluation: Today	-4.23*** (0.40)					-3.13*** (0.42)				
Life Evaluation: Future		-3.62*** (0.38)					-3.18*** (0.50)			
Positive Affect			-3.06*** (0.44)					-1.69*** (0.36)		
Negative Affect				1.90*** (0.48)					0.32 (0.60)	
Purpose					-2.50*** (0.37)					-2.39*** (0.41)
Median Income (ln)	0.43 (0.44)	-0.17 (0.47)	-0.19 (0.47)	-0.53 (0.47)	-0.45 (0.45)	0.44 (0.43)	-0.32 (0.44)	-0.23 (0.46)	-0.62 (0.47)	-0.36 (0.43)
Unemployment Rate	2.47*** (0.63)	2.88*** (0.71)	2.38*** (0.68)	2.62*** (0.70)	2.64*** (0.68)	3.78*** (0.75)	4.04*** (0.71)	3.85*** (0.76)	3.99*** (0.76)	3.80*** (0.74)
Economic Growth	0.49 (0.31)	0.51 (0.33)	0.45 (0.33)	0.39 (0.33)	0.37 (0.32)	0.97** (0.38)	1.11*** (0.38)	0.97** (0.40)	0.99** (0.40)	0.95** (0.40)
Racial Animus	0.53 (0.35)	0.48 (0.35)	0.65* (0.37)	0.69* (0.37)	0.62* (0.37)	1.35*** (0.46)	1.46*** (0.47)	1.48*** (0.48)	1.54*** (0.48)	1.42*** (0.47)
% Religious	0.31 (0.43)	-0.16 (0.42)	0.23 (0.44)	0.12 (0.45)	0.26 (0.44)	-0.33 (0.59)	-0.62 (0.56)	-0.40 (0.60)	-0.42 (0.60)	-0.38 (0.60)
Population Density (ln)	-1.98*** (0.34)	-0.32 (0.43)	-2.43*** (0.34)	-2.42*** (0.35)	-2.32*** (0.36)	-3.51*** (0.52)	-2.38*** (0.69)	-4.06*** (0.55)	-4.08*** (0.54)	-4.16*** (0.55)
Observations	2766	2766	2766	2766	2761	2702	2702	2702	2702	2697
State FEs	✓	✓	✓	✓	✓					
Commuting Zone FEs						✓	✓	✓	✓	✓
R <sup>2</sup>	0.353	0.330	0.305	0.284	0.290	0.341	0.339	0.311	0.302	0.320

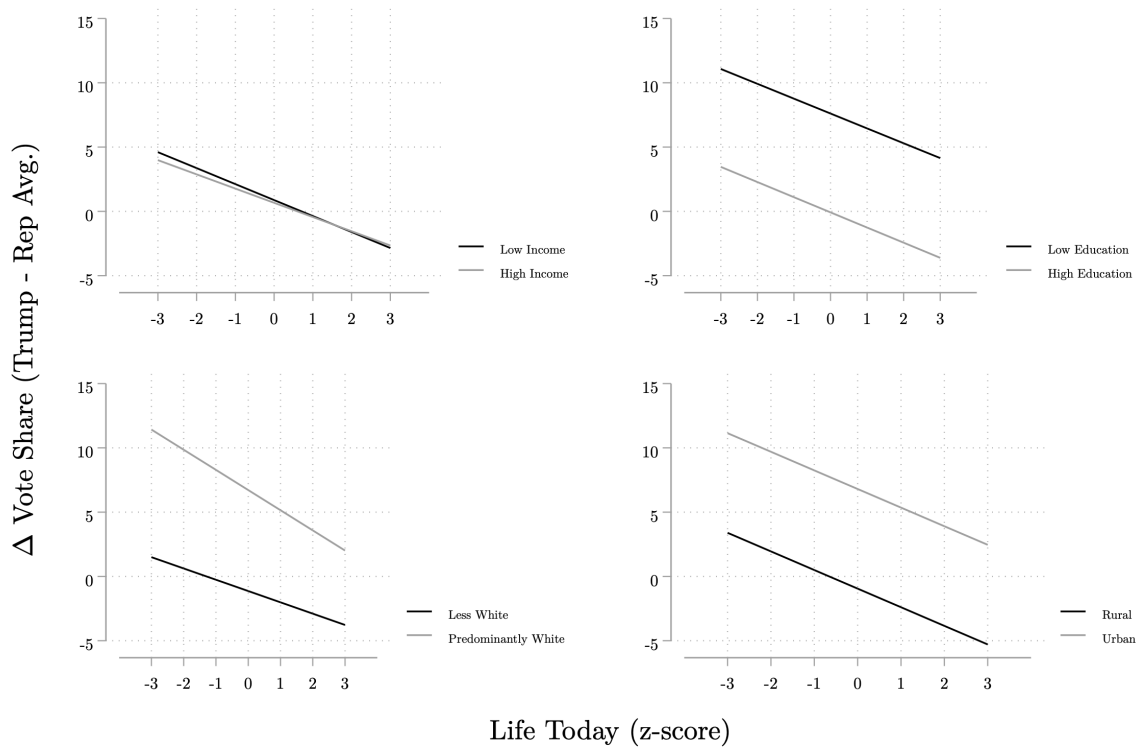
Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S14:** Sanders Voting in the 2016 Democratic Primaries

	Sanders Vote Share in 2016 Primaries									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Life Evaluation: Today	-0.74** (0.32)					-1.12*** (0.34)				
Life Evaluation: Future		-1.95*** (0.38)					-1.43*** (0.38)			
Positive Affect			0.85** (0.35)					0.12 (0.32)		
Negative Affect				2.09*** (0.40)					1.86*** (0.37)	
Purpose					0.15 (0.36)					0.15 (0.37)
Median Income (ln)	-0.07 (0.38)	0.05 (0.38)	-0.42 (0.38)	-0.05 (0.38)	-0.29 (0.37)	1.31*** (0.45)	1.08** (0.43)	0.87** (0.44)	1.18*** (0.43)	0.88** (0.44)
Unemployment Rate	-3.57*** (0.54)	-3.45*** (0.51)	-3.41*** (0.51)	-3.68*** (0.55)	-3.51*** (0.52)	-2.34*** (0.57)	-2.24*** (0.56)	-2.26*** (0.57)	-2.31*** (0.57)	-2.26*** (0.57)
Economic Growth	0.70** (0.34)	0.76** (0.33)	0.65* (0.34)	0.74** (0.34)	0.68** (0.34)	0.15 (0.30)	0.21 (0.30)	0.15 (0.31)	0.15 (0.30)	0.15 (0.31)
Racial Animus	0.43 (0.27)	0.30 (0.27)	0.51* (0.27)	0.37 (0.27)	0.49* (0.27)	-0.01 (0.40)	0.01 (0.40)	0.07 (0.40)	0.01 (0.40)	0.08 (0.40)
% Religious	-1.31*** (0.37)	-1.50*** (0.38)	-1.37*** (0.37)	-1.39*** (0.37)	-1.35*** (0.37)	-1.02*** (0.39)	-1.17*** (0.39)	-1.08*** (0.40)	-1.10*** (0.38)	-1.08*** (0.40)
Population Density (ln)	-3.15*** (0.25)	-2.22*** (0.30)	-3.08*** (0.25)	-3.48*** (0.26)	-3.15*** (0.26)	-1.55*** (0.34)	-1.00** (0.39)	-1.74*** (0.34)	-1.91*** (0.33)	-1.74*** (0.34)
Observations	2682	2682	2682	2682	2677	2623	2623	2623	2623	2618
State FEs	✓	✓	✓	✓	✓					
Commuting Zone FEs						✓	✓	✓	✓	✓
R <sup>2</sup>	0.221	0.236	0.221	0.237	0.219	0.142	0.146	0.134	0.152	0.134

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

# HAPPINESS AND VOTING



**Figure S3:** Differences Across Counties of Different Demographic Make-Ups. High and low refers to counties 1SD above and below the mean of each of the four characteristics.

**Table S15:** Differences Across Counties of Different Demographic Make-Ups

	$\Delta$ (Trump - Rep Avg. 2000-12)			
	(1)	(2)	(3)	(4)
Life Evaluation: Today	-1.22*** (0.20)	-1.17*** (0.19)	-1.17*** (0.20)	-1.06*** (0.17)
% White	3.93*** (0.19)	3.88*** (0.19)	3.88*** (0.19)	3.87*** (0.19)
Median Income (ln)	-0.10 (0.18)	-0.11 (0.19)	-0.07 (0.18)	-0.01 (0.18)
% Some College or More	-3.85*** (0.20)	-3.86*** (0.20)	-3.84*** (0.20)	-3.77*** (0.21)
Population Density (ln)	-0.63*** (0.19)	-0.63*** (0.19)	-0.64*** (0.19)	-0.63*** (0.19)
Life Today * White	-0.34** (0.16)			
Life Today * Income		0.07 (0.10)		
Life Today * Education			-0.01 (0.11)	
Life Today * Population Density				-0.31* (0.18)
Counties	3000	3000	3000	3000
R <sup>2</sup>	0.785	0.784	0.784	0.785

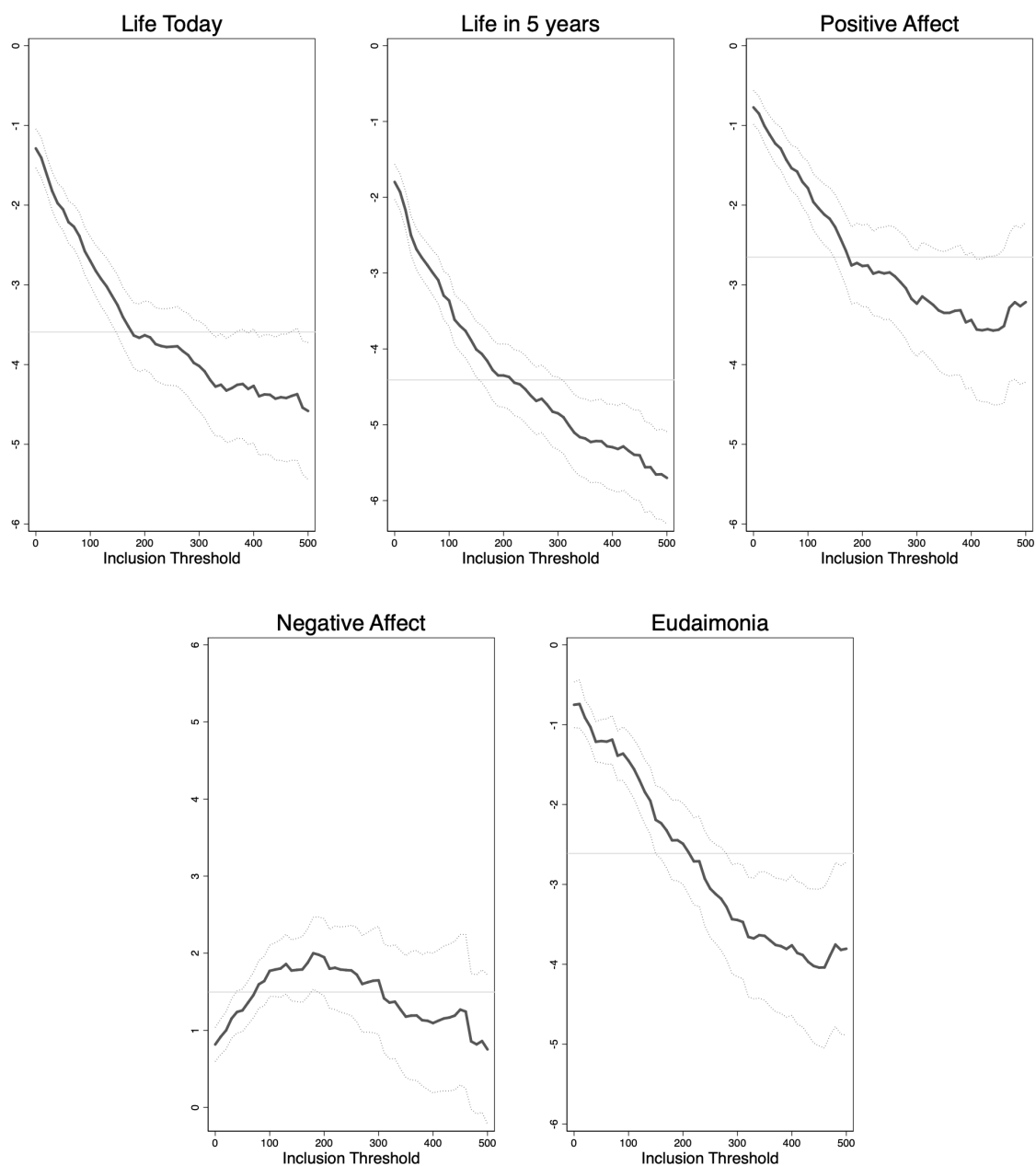
Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. All independent variables are z-scored in order to have a mean of 0 and SD of 1. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S16:** Testing for Non-Linear Relationships

	SWB = Life Today		SWB = Life in 5 Years		SWB = Pos Affect		SWB = Neg Affect		SWB = Purpose	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SWB	-3.59*** (0.22)	-3.58*** (0.22)	-4.41*** (0.22)	-4.34*** (0.21)	-2.65*** (0.24)	-2.65*** (0.25)	1.50*** (0.26)	1.21*** (0.25)	-2.61*** (0.24)	-2.62*** (0.24)
SWB <sup>2</sup>		-0.16 (0.15)		-0.11 (0.13)		0.01 (0.10)		0.60*** (0.12)		-0.03 (0.12)
Further Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Counties	3000	3000	3000	3000	3000	3000	3000	3000	2994	2994
R2	0.636	0.637	0.672	0.672	0.595	0.595	0.574	0.579	0.591	0.591

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. Outcome variable in all models is the Republican vote share in 2016, over party baselines as in columns 6 to 10 of Table 1. Further controls are those included in Table 1. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

# HAPPINESS AND VOTING



**Figure S4:** Coefficients from Unweighted Regressions

*Notes: Solid black lines and their corresponding dashed lines represent the coefficient and 95% CIs from unweighted regressions of  $\Delta$  Vote Share (Trump - Rep Avg.) on the SWB measure in different restricted samples, varying the threshold for inclusion at differing numbers of respondents in the county. All of these unweighted regressions include state FEs, demographic, and geographic covariates as in the main manuscript. The grey horizontal line on each chart represents the coefficient from the equivalent regression on the full sample of counties, weighted by the number of respondents in each county (as in the main tables).*

## B Supplementary Materials for Study 1(b)

### Data

Variable definitions and associated coding are the same as in the 2016 analysis. Relevant data source differences are the following:

- County-level SWB measures are calculated from responses to the Gallup poll between Obama's inauguration and the 2012 presidential election.
- Demographic variables from the ACS are drawn from the 2012 5-year estimates.
- Unemployment rate and household income refer to 2012 annual data, from the same sources as above.
- Economic growth is coded the same as above, but from 2011Q3 to 2012Q3.
- For racial animus and religiosity we do not have time-varying measures, and are thus drawn from the same source as the 2016 analysis.

**Table S17:** Descriptive Statistics

Variable	Obs	Mean	Std. Dev.	Min	Max
Romney Vote Share	2976	60.89	14.85	8.12	96.53
Romney Vote Share (-GOP Avg. 1996-2008)	2976	3.92	6.09	-16.86	38.96
Life Today	2976	6.99	.3	4.71	8.75
Life in 5 Years	2976	7.28	.42	4.5	10
Positive Affect	2976	.86	.04	.5	1
Negative Affect	2976	.27	.05	0	.67
Median Income (ln)	2976	10.68	.23	10	11.69
Unemployment Rate	2976	7.85	2.76	1.1	27.4
Economic Growth	2976	.18	3.44	-22.75	34.68
Racism Index	2976	61.35	17.75	25.68	154.51
Religiosity	2976	.53	.18	.02	1.31
Population Density (ln)	2976	3.75	1.62	-1.31	11.11



**Table S18:** Correlation Matrix: County-Level 2012

	1	2	3	4	5	6	7	8	9	10	11	12
1 Romney Vote Share	1.00											
2 Romney Vote Share (-GOP Avg)	0.66	1.00										
3 Life Today	-0.13	-0.27	1.00									
4 Life in 5 Years	-0.54	-0.58	0.56	1.00								
5 Positive Affect	0.18	-0.13	0.53	0.19	1.00							
6 Negative Affect	-0.14	0.10	-0.42	-0.02	-0.59	1.00						
7 Median Income (ln)	-0.19	-0.29	0.39	0.40	0.21	-0.08	1.00					
8 Unemployment Rate	-0.18	-0.08	-0.39	-0.11	-0.35	0.31	-0.38	1.00				
9 Economic Growth	-0.00	-0.12	0.18	0.17	0.16	-0.07	0.21	-0.20	1.00			
10 Racism Index	0.05	0.22	-0.25	-0.20	-0.29	0.18	-0.23	0.21	-0.21	1.00		
11 Religiosity	0.09	0.24	0.10	-0.02	0.03	0.00	0.08	-0.27	-0.00	0.09	1.00	
12 Population Density (ln)	-0.63	-0.45	0.15	0.61	-0.16	0.22	0.41	-0.03	0.06	0.08	0.12	1.00

**Table S19:** Robustness to Extensive Set of Covariates

	Romney Vote Share in 2012				$\Delta$ (Romney - Rep Avg. 1996-2008)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Life Evaluation: Today	-1.77*** (0.59)				-1.19*** (0.21)			
Life Evaluation: Future		-4.68*** (0.59)				-1.05*** (0.22)		
Positive Affect			1.16** (0.52)				-1.68*** (0.21)	
Negative Affect				-1.76*** (0.49)				1.86*** (0.23)
Median Income (ln)	-2.66*** (0.74)	-2.57*** (0.71)	-2.85*** (0.73)	-2.84*** (0.73)	1.08*** (0.32)	1.03*** (0.33)	1.00*** (0.31)	0.98*** (0.30)
Unemployment Rate	-1.39** (0.66)	-1.24* (0.64)	-1.22* (0.64)	-1.09* (0.63)	-0.23 (0.19)	-0.15 (0.20)	-0.26 (0.19)	-0.37** (0.18)
Economic Growth	-0.26 (0.43)	-0.09 (0.42)	-0.29 (0.43)	-0.28 (0.42)	-0.39** (0.19)	-0.36* (0.19)	-0.38** (0.18)	-0.40** (0.19)
Racial Animus	0.95** (0.45)	0.81* (0.43)	1.03** (0.45)	1.05** (0.45)	0.75*** (0.16)	0.74*** (0.17)	0.74*** (0.16)	0.73*** (0.15)
% Religious	0.88** (0.44)	0.76* (0.43)	0.74* (0.44)	0.79* (0.44)	0.59*** (0.15)	0.52*** (0.15)	0.59*** (0.14)	0.52*** (0.14)
Population Density (ln)	-1.72*** (0.51)	-1.28*** (0.46)	-1.36*** (0.49)	-1.27*** (0.49)	-0.37* (0.22)	-0.15 (0.21)	-0.33 (0.21)	-0.39* (0.21)
% Female	-1.49*** (0.38)	-1.35*** (0.37)	-1.51*** (0.38)	-1.51*** (0.38)	-0.41*** (0.15)	-0.39** (0.15)	-0.44*** (0.15)	-0.44*** (0.15)
% Married	7.49*** (0.65)	7.36*** (0.63)	7.51*** (0.64)	7.51*** (0.64)	-0.05 (0.25)	-0.05 (0.26)	0.03 (0.24)	0.03 (0.24)
% 65+	-1.57*** (0.47)	-2.57*** (0.42)	-1.69*** (0.46)	-1.92*** (0.47)	1.33*** (0.17)	1.06*** (0.17)	1.30*** (0.17)	1.53*** (0.17)
% Some College +	-0.45 (0.52)	-0.01 (0.50)	-1.10** (0.51)	-1.12** (0.50)	-1.74*** (0.19)	-1.84*** (0.19)	-1.77*** (0.18)	-1.83*** (0.18)
% White	6.05*** (0.55)	5.22*** (0.59)	6.22*** (0.53)	6.49*** (0.52)	1.79*** (0.20)	1.67*** (0.21)	1.91*** (0.20)	1.62*** (0.19)
Inequality	0.03 (0.35)	0.12 (0.33)	-0.05 (0.38)	0.05 (0.38)	0.09 (0.25)	0.08 (0.26)	0.05 (0.24)	-0.07 (0.23)
Land Area (miles <sup>2</sup> )	0.15 (0.26)	0.25 (0.25)	0.17 (0.25)	0.18 (0.25)	-0.20*** (0.07)	-0.17** (0.07)	-0.16** (0.07)	-0.17*** (0.06)
Latitude	-0.72 (1.55)	-0.90 (1.51)	-0.34 (1.60)	-0.38 (1.60)	0.05 (0.46)	0.15 (0.47)	0.19 (0.46)	0.25 (0.47)
Longitude	4.84* (2.72)	4.97* (2.60)	5.30* (2.79)	5.38* (2.75)	1.78** (0.76)	1.95** (0.76)	1.80** (0.76)	1.77** (0.79)
Counties	2976	2976	2976	2976	2976	2976	2976	2976
R <sup>2</sup>	0.731	0.742	0.730	0.731	0.545	0.542	0.553	0.560

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S20:** Robustness to Inclusion of Subjective Economics Evaluations

	$\Delta$ (Romney - Rep Avg. 1996-2008)			
	(1)	(2)	(3)	(4)
Life Evaluation: Today	-0.98*** (0.22)			
Life Evaluation: Future		-2.23*** (0.22)		
Positive Affect			-1.42*** (0.23)	
Negative Affect				1.46*** (0.27)
Median Income (ln)	0.26* (0.15)	0.34** (0.15)	0.27* (0.14)	0.19 (0.14)
Unemployment Rate	-0.49*** (0.18)	-0.28* (0.17)	-0.53*** (0.18)	-0.53*** (0.18)
Economic Growth	-0.25 (0.20)	-0.19 (0.20)	-0.24 (0.20)	-0.24 (0.20)
Racial Animus	0.56*** (0.16)	0.55*** (0.16)	0.55*** (0.16)	0.54*** (0.15)
% Religious	1.24*** (0.15)	1.04*** (0.15)	1.23*** (0.15)	1.18*** (0.14)
Population Density (ln)	-1.29*** (0.15)	-0.77*** (0.16)	-1.37*** (0.14)	-1.40*** (0.15)
Subj Evaluation: Econ Today	-2.09*** (0.27)	-1.73*** (0.25)	-2.11*** (0.25)	-2.02*** (0.25)
Subj Evaluation: Econ Getting Better	-1.76*** (0.22)	-1.29*** (0.22)	-1.91*** (0.21)	-1.96*** (0.21)
Counties	2974	2974	2974	2974
R <sup>2</sup>	0.456	0.483	0.462	0.465

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S21:** Robustness to Alternative Spatial Fixed Effects

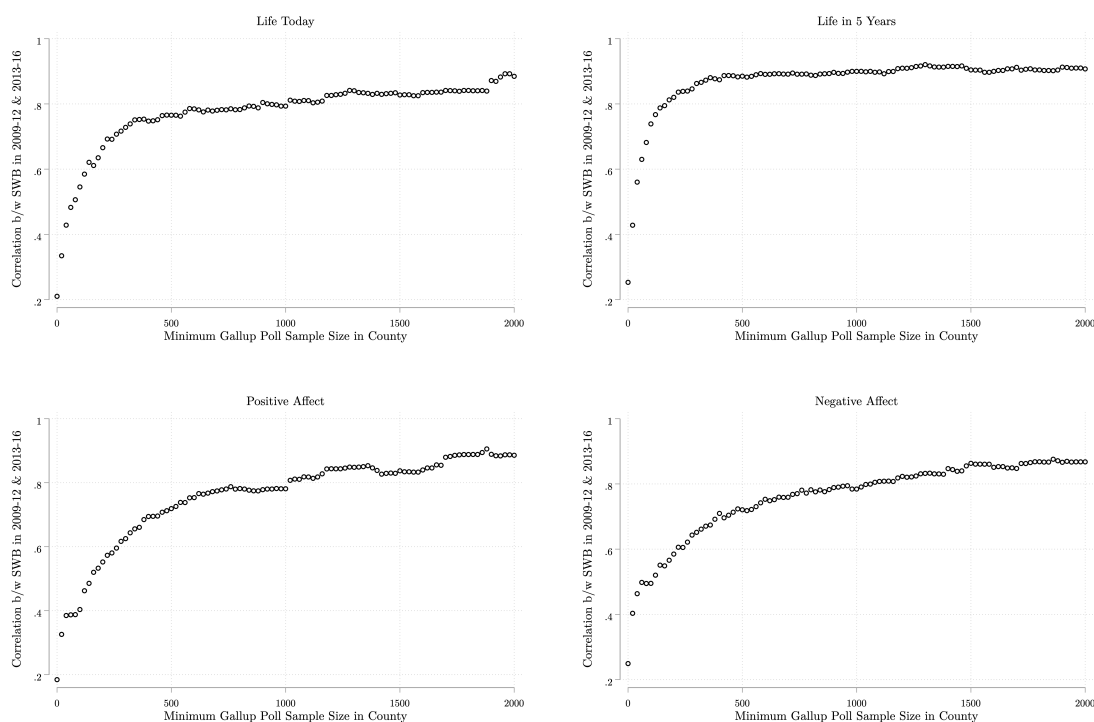
	$\Delta$ (Romney - Rep Avg. 1996-2008)							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Life Evaluation: Today	-1.13*** (0.24)				-1.35*** (0.42)			
Life Evaluation: Future		-2.30*** (0.24)				-2.64*** (0.39)		
Positive Affect			-1.04*** (0.23)				-2.18*** (0.53)	
Negative Affect				1.07*** (0.27)				2.09*** (0.64)
Median Income (ln)	0.51** (0.21)	0.41** (0.20)	0.48** (0.22)	0.39* (0.21)	0.34 (0.35)	0.22 (0.34)	0.45 (0.37)	0.23 (0.35)
Unemployment Rate	0.03 (0.30)	0.09 (0.27)	0.12 (0.30)	0.13 (0.30)	0.05 (0.57)	0.30 (0.51)	0.08 (0.55)	0.09 (0.57)
Economic Growth	-0.02 (0.21)	0.02 (0.20)	-0.05 (0.21)	-0.07 (0.21)	0.25 (0.41)	0.34 (0.39)	0.18 (0.40)	0.22 (0.42)
Racial Animus	0.13 (0.23)	0.15 (0.22)	0.15 (0.23)	0.15 (0.23)	-0.36 (0.88)	-0.57 (0.78)	-0.29 (0.76)	0.02 (0.88)
% Religious	0.63*** (0.21)	0.43** (0.20)	0.60*** (0.21)	0.58*** (0.21)	0.55* (0.32)	0.34 (0.29)	0.55* (0.32)	0.40 (0.33)
Population Density (ln)	-2.76*** (0.24)	-2.02*** (0.24)	-2.90*** (0.23)	-2.94*** (0.23)	-2.94*** (0.37)	-2.09*** (0.40)	-3.16*** (0.35)	-3.20*** (0.33)
Observations	2919	2919	2919	2919	1125	1125	1125	1125
Commuting Zone FEs	✓	✓	✓	✓				
CBSA FEs					✓	✓	✓	✓
R <sup>2</sup>	0.365	0.414	0.360	0.361	0.413	0.455	0.424	0.425

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

## C Supplementary Materials for Study 1(c)

**Panel Analysis:** SWB variable definitions and associated coding are the same as in the 2016 and 2016 analyses. The change in each from Barack Obama's first to second period in office are considered. Changes in the state-level economy are measured by changes in state unemployment rates (drawn from the Bureau of Labor Statistics) and changes in state personal income per capita (drawn from the Bureau of Economic Analysis).

**Pooled Cross-Section Analysis:** Variable definitions and associated coding are the same as in the 2016 and 2016 analyses.

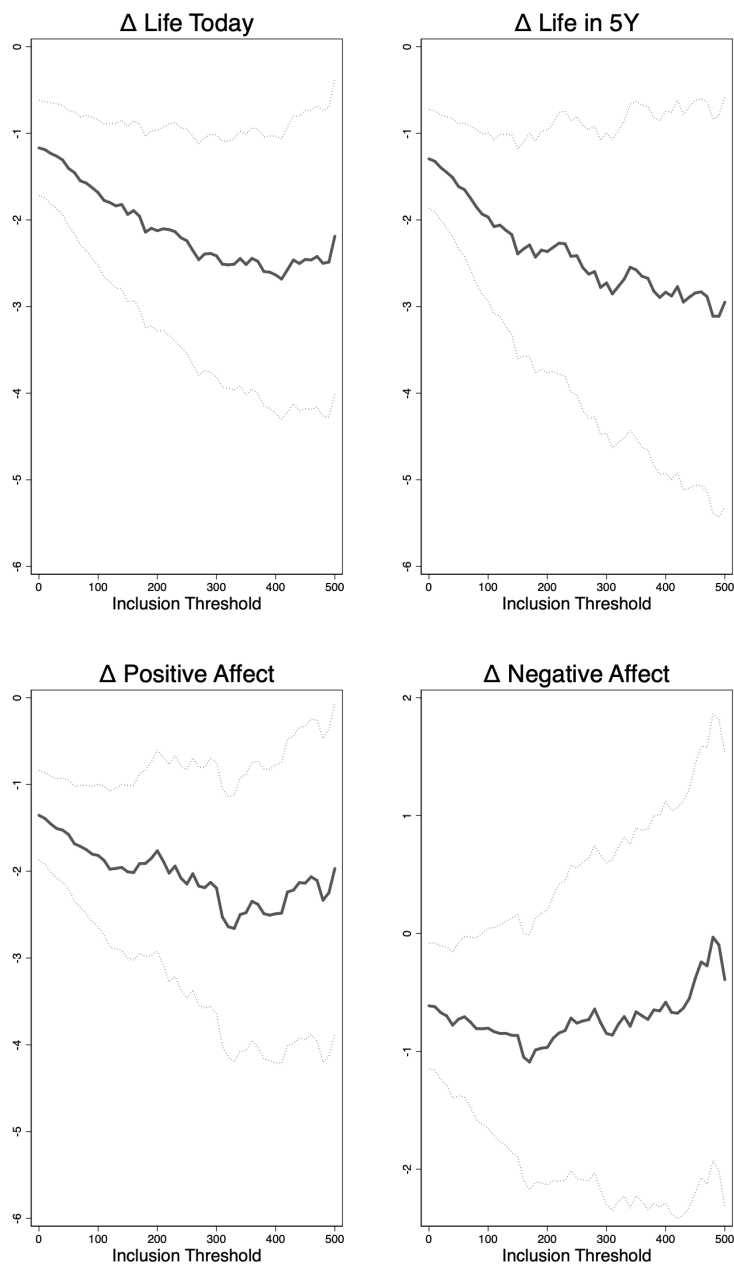


**Figure S5:** Within-County Autocorrelation of SWB

*Notes:* The Gallup Daily Poll sample is split into President Obama's first and second terms in office. The correlation between each SWB measure in term I and term II is reported, using different subsamples of the data depending upon how many respondents are in each county in the survey. Purpose questions were only asked in the second term of Obama's Presidency and are thus not included in this exercise.

Note: In the panel analyses, which split the SWB into two periods, the problem of smaller counties having very low response rates in the Gallup Daily Poll becomes more acute. Furthermore, longitudinal models are typically more susceptible to attenuation bias resulting from measurement error.<sup>20</sup> Accordingly, we restrict the sample in these analyses to include only the 1728 counties that have at least 100 respondents during the first period. For robustness, in Figure S6 we test differing sample size thresholds, and find results that are consistent with our main findings.

<sup>20</sup>Measurement error typically changes from period to period, making it more likely that any observed *changes* are a result of noise.



**Figure S6:** Varying the Sample Size Threshold

*Notes: Solid black lines and their corresponding dashed lines represent the coefficient and 95% CIs from regressions of  $\Delta$  Republican Vote Share (2016-2012) on the z-scored  $\Delta$  county-mean SWB measure in different restricted samples, varying the threshold for inclusion at differing numbers of Gallup Daily Poll respondents in the county in the first period. In the main analysis we set this threshold to be 150. All regressions are estimated via WLS, with each county weighted by the mean number of respondents in each county over the two periods.*

**Table S22:** County-Level 2012 & 2016 Pooled Analysis

	Republican Vote Share			
	(1)	(2)	(3)	(4)
Year (2016 = 1)	-0.70 (0.76)	0.01 (0.69)	-0.26 (0.71)	1.99*** (0.63)
Life Today	-5.37*** (0.39)	-4.04*** (0.60)		
Life in 5 Years			-9.74*** (0.48)	-7.82*** (0.58)
Life Today * 2016		-2.74*** (0.86)		
Life in 5 Years * 2016				-4.20*** (0.67)
log Household Income	19.23*** (1.55)	19.59*** (1.55)	19.12*** (1.44)	19.23*** (1.39)
Unemployment Rate	-0.34* (0.20)	-0.26 (0.20)	-0.20 (0.19)	-0.20 (0.18)
Economic Growth	-0.15 (0.10)	-0.15 (0.10)	-0.09 (0.09)	-0.08 (0.09)
Racism Index	0.09*** (0.02)	0.10*** (0.02)	0.07*** (0.02)	0.07*** (0.02)
Religiosity	11.16*** (2.20)	11.09*** (2.19)	6.92*** (2.08)	7.22*** (2.03)
Population Density	-7.01*** (0.18)	-7.03*** (0.18)	-4.90*** (0.22)	-4.99*** (0.21)
Counties	5947	5947	5947	5947
R <sup>2</sup>	0.539	0.542	0.599	0.608

Notes: Robust standard errors in parentheses. Each county is weighted by the number of respondents in the Gallup Poll. \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S23:** Within-County Analysis Using Annual Data

	$\Delta$ Republican Vote Share (2016-2012)							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
$\Delta$ Life Today	-1.36** (0.49)				-1.15** (0.46)			
$\Delta$ Life in 5 Years		-0.83* (0.50)				-0.82* (0.47)		
$\Delta$ Positive Affect			-1.15** (0.44)				-1.24** (0.42)	
$\Delta$ Negative Affect				-0.86** (0.41)				-0.66 (0.42)
$\Delta$ log Income					-1.91*** (0.58)	-1.94*** (0.58)	-1.96*** (0.58)	-1.93*** (0.57)
$\Delta$ Unemployment Rate					-0.95** (0.48)	-0.95** (0.48)	-0.96** (0.48)	-0.90* (0.48)
Observations	1614	1614	1614	1614	1614	1614	1614	1614
$R^2$	0.005	0.002	0.004	0.002	0.045	0.043	0.046	0.042

*Notes: Robust standard errors in parentheses. SWB measures are calculated by county using only SWB responses in the Gallup Daily Poll from the 12 months prior to each election in 2012 and 2016 (as opposed to the whole of each Presidential term, as in the main analysis). Each county is weighted by the average number of respondents in the Gallup Poll across the two SWB measurement periods. Only counties included are those with at least 30 respondents in the Gallup Daily Poll during the first period (i.e. between the 5th of November 2011 and the 5th of November 2012). \* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .*



## D Supplementary Materials for Study 2

### Data

The Gallup World Poll has surveyed a large number of countries each year, beginning in 2005. For each country-wave, an independent random sample of around 1,000 respondents is drawn, and interviewed via the telephone. Since 2010, the survey has included the question we focus on: “Do you approve or disapprove of the job performance of the leadership of Barack Obama?”

The subjective well-being variables are largely similar.

- Current and Future Life Satisfaction are asked in the same manner as in the Gallup Daily Poll
- Negative Affect includes yes/no questions on the extent to which people felt yesterday each of: worry, sadness, stress, anger
- Positive Affect includes yes/no questions on the extent to which people felt yesterday each of: enjoyment, smile/laughter, well-rested
- Purpose includes yes/no questions on the extent to which people felt yesterday each of: respected, learned something new

**Table S24:** Descriptive Statistics

Variable	Obs	Mean	Std. Dev.	Min	Max
Disapprove of President	5356	.55	.5	0	1
Life Today	7362	7.22	1.97	0	10
Life in 5Y	7362	7.74	2.12	0	10
Positive Affect	6241	.79	.3	0	1
Negative Affect	6241	.29	.3	0	1
Purpose	6241	.79	.28	0	1
Female	7362	.49	.5	0	1
Age	7362	52.98	19.39	15	100
Elementary School or Less	7362	.02	.13	0	1
High School	7362	.52	.5	0	1
University	7362	.45	.5	0	1
Household Income	7362	66,888	904,574	0	7.29e+07
Rural	7362	.18	.39	0	1
Small Town	7362	.28	.45	0	1
Large City	7362	.19	.39	0	1
Suburb	7362	.31	.46	0	1

**Table S25:** Individual-Level SWB and Presidential Approval: Full Models

	Disapprove of Obama = 1				
	(1)	(2)	(3)	(4)	(5)
<b>SWB (z-scores)</b>					
Life Today	0.909*** (0.027)				
Life in 5Y		0.844*** (0.026)			
Positive Affect			0.859*** (0.028)		
Negative Affect				1.149*** (0.038)	
Purpose					0.897*** (0.029)
<b>Controls</b>					
High School	1.756*** (0.330)	1.733*** (0.331)	1.959*** (0.413)	2.009*** (0.429)	1.996*** (0.427)
University	1.449* (0.278)	1.449* (0.282)	1.604** (0.344)	1.632** (0.355)	1.647** (0.359)
Female	0.703*** (0.041)	0.707*** (0.041)	0.685*** (0.044)	0.678*** (0.044)	0.693*** (0.045)
Age	1.042*** (0.007)	1.039*** (0.007)	1.046*** (0.008)	1.048*** (0.008)	1.047*** (0.008)
Age <sup>2</sup>	1.000*** (0.000)	1.000*** (0.000)	1.000*** (0.000)	1.000*** (0.000)	1.000*** (0.000)
ln(Income)	1.026 (0.017)	1.024 (0.017)	1.038** (0.019)	1.037** (0.019)	1.035* (0.019)
Small Town	0.804** (0.068)	0.805** (0.068)	0.786*** (0.073)	0.781*** (0.072)	0.779*** (0.072)
Large City	0.396*** (0.038)	0.400*** (0.038)	0.414*** (0.043)	0.413*** (0.043)	0.415*** (0.043)
Suburb	0.611*** (0.051)	0.615*** (0.051)	0.628*** (0.057)	0.620*** (0.057)	0.623*** (0.057)
State FEs	Yes	Yes	Yes	Yes	Yes
Observations	5,356	5,356	4,379	4,379	4,379
Log-Likelihood	-3468.6	-3458.4	-2834.8	-2836.8	-2840.3

Notes: Odds Ratios reported from logistic regression models. Robust standard errors in parentheses. Source: Gallup World Poll July 2010 to July 2016.

\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

## E Supplementary Materials for Study 3

### Data

Data are drawn from the 2012 and 2016 American National Election Studies, time-series datasets. Interviews were conducted in the weeks before the general election (the “preelection interview”) and, in most cases, a second interview was carried out with the same respondent during the weeks after the election (the “post-election interview”). Interviews were carried out by a mixture of face-to-face and internet-based means. All of our variables are drawn from the pre-election survey, apart from the vote choice question, which is recorded after the election has taken place.

Full details of the variables and questionnaire wordings can be found at <https://electionstudies.org/project/2016-time-series-study/>. The main question on life satisfaction is a 5-point survey item (which we treat both cardinally and ordinally in the data) with the following wording:

- All things considered, how satisfied are you with your life as a whole these days? Would you say that you are [extremely satisfied, very satisfied, moderately satisfied, slightly satisfied, or not satisfied at all / not satisfied at all, slightly satisfied, moderately satisfied, very satisfied, or extremely satisfied]?

**Table S26:** Individual-Level SWB and Voting in 2016

	Voted Trump = 1				
	(1)	(2)	(3)	(4)	(5)
<b>Life Satisfaction (v. Extremely)</b>					
Very	1.160 (0.153)	1.164 (0.162)	1.525** (0.289)	1.516** (0.316)	1.513* (0.323)
Moderately	1.544*** (0.214)	1.436** (0.211)	1.667** (0.334)	1.582** (0.356)	1.619** (0.376)
Slightly	1.642** (0.341)	1.752** (0.382)	2.163*** (0.632)	2.132** (0.691)	2.187** (0.723)
Not at all	2.406** (0.867)	2.421** (0.915)	2.519* (1.235)	2.364* (1.214)	2.364* (1.236)
Gender & Age	Yes	Yes	Yes	Yes	Yes
Race & Religion FEs	Yes	Yes	Yes	Yes	Yes
Education FEs	No	Yes	Yes	Yes	Yes
Income & Employment FEs	No	Yes	Yes	Yes	Yes
Trust & Ideology	No	No	Yes	Yes	Yes
2012 Vote Choice FEs	No	No	No	Yes	Yes
State FEs	No	No	No	No	Yes
Observations	2,471	2,471	2,471	2,471	2,471
Log-Likelihood	-1362.8	-1305.0	-819.4	-651.2	-628.5

*Notes: Odds Ratios reported from logistic regression models. Robust standard errors in parentheses. Source: American National Election Survey 2016. Sample is all those who report voting in the 2016 Presidential Election.*

\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S27:** Individual-Level 2016: Full Table

	Voted Trump = 1				
	(1)	(2)	(3)	(4)	(5)
Life Satisfaction (z-score)	0.823*** (0.040)	0.830*** (0.043)	0.813*** (0.057)	0.826** (0.063)	0.820** (0.064)
<b>Controls</b>					
Male	1.539*** (0.145)	1.711*** (0.170)	1.231 (0.165)	1.324* (0.206)	1.279 (0.207)
Age	1.013 (0.016)	1.005 (0.018)	0.984 (0.024)	1.024 (0.028)	1.019 (0.028)
Age-squared	1.000 (0.000)	1.000 (0.000)	1.000 (0.000)	1.000 (0.000)	1.000 (0.000)
<b>Race (v. white)</b>					
Black	0.019*** (0.006)	0.018*** (0.006)	0.011*** (0.005)	0.037*** (0.015)	0.032*** (0.013)
Asian	0.459** (0.140)	0.478** (0.151)	0.459** (0.167)	0.618 (0.227)	0.551 (0.220)
Native American	0.115* (0.140)	0.081* (0.122)	0.123 (0.174)	0.117** (0.110)	0.176** (0.153)
Hispanic	0.263*** (0.047)	0.233*** (0.044)	0.150*** (0.036)	0.179*** (0.048)	0.160*** (0.047)
Other non-Hispanic incl multiple races	0.375*** (0.095)	0.392*** (0.100)	0.331*** (0.109)	0.413*** (0.137)	0.370*** (0.133)
<b>Religion (v. Mainline Protestant)</b>					
Evangelical Protestant	3.165*** (0.546)	3.127*** (0.560)	2.032*** (0.464)	2.005*** (0.519)	2.053*** (0.554)
Black Protestant	1.850 (1.762)	1.524 (1.533)	4.001 (3.752)	4.794 (4.658)	6.027* (5.557)
Roman Catholic	0.878 (0.125)	0.833 (0.123)	0.760 (0.146)	0.828 (0.194)	0.820 (0.203)
Undifferentiated Christian	1.934*** (0.313)	1.762*** (0.299)	1.524* (0.337)	1.454 (0.377)	1.520 (0.403)
Jewish	0.198*** (0.067)	0.212*** (0.073)	0.515 (0.228)	0.590 (0.368)	0.620 (0.413)
Other religion	0.455*** (0.108)	0.497*** (0.124)	0.503** (0.169)	0.492* (0.208)	0.569 (0.249)
Not religious	0.276*** (0.043)	0.272*** (0.044)	0.559*** (0.122)	0.617* (0.154)	0.617* (0.161)
<b>Education (v. Less than HS)</b>					
HS Diploma		1.000 1.597 (0.457)	1.000 1.842* (0.647)	1.000 1.568 (0.606)	1.000 1.543 (0.608)
Some College		1.434 (0.400)	1.509 (0.527)	1.291 (0.495)	1.285 (0.498)
College Diploma		1.389 (0.383)	1.796* (0.627)	1.503 (0.572)	1.476 (0.565)
Postgraduate		0.594* (0.175)	0.925 (0.346)	0.730 (0.306)	0.712 (0.302)
<b>Employment Status (v. working)</b>					
Temporarily laid off		1.129 (0.765)	0.513 (0.452)	0.467 (0.588)	0.585 (0.826)

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Unemployed	0.698 (0.214)	0.955 (0.365)	0.808 (0.334)	0.895 (0.372)
Retired	0.726** (0.118)	0.700 (0.154)	0.672 (0.188)	0.717 (0.205)
Permanently disabled	0.492** (0.159)	0.478* (0.181)	0.375** (0.152)	0.365** (0.152)
Homemaker	2.369*** (0.572)	1.788* (0.595)	1.700* (0.520)	1.772* (0.534)
Student	0.691 (0.248)	0.714 (0.344)	0.555 (0.266)	0.575 (0.300)
<b>Income (v. under 5000)</b>				
\$5000-\$9999	0.449 (0.229)	0.407 (0.308)	0.556 (0.345)	0.653 (0.386)
\$10000-\$12499	0.648 (0.272)	0.830 (0.415)	0.770 (0.419)	0.885 (0.468)
\$12500-\$14999	0.660 (0.402)	0.351* (0.208)	0.479 (0.344)	0.555 (0.417)
\$15000-\$17499	0.443* (0.185)	0.451 (0.227)	0.594 (0.304)	0.711 (0.379)
\$17500-\$19999	0.275* (0.193)	0.577 (0.443)	0.829 (0.688)	0.750 (0.644)
\$20000-\$22499	0.507** (0.175)	0.564 (0.247)	0.615 (0.287)	0.636 (0.315)
\$22500-\$24999	0.419* (0.197)	0.645 (0.384)	0.693 (0.465)	0.814 (0.563)
\$25000-\$27499	0.334*** (0.126)	0.348** (0.164)	0.276*** (0.136)	0.276** (0.149)
\$27500-\$29999	0.266** (0.141)	0.217** (0.129)	0.464 (0.335)	0.537 (0.370)
\$30000-\$34999	0.426*** (0.137)	0.573 (0.230)	0.591 (0.270)	0.674 (0.324)
\$35000-\$39999	0.426** (0.143)	0.476* (0.198)	0.505 (0.241)	0.570 (0.271)
\$40000-\$44999	0.501** (0.175)	0.473* (0.187)	0.503 (0.213)	0.572 (0.247)
\$45000-\$49999	0.491** (0.165)	0.603 (0.276)	0.660 (0.311)	0.685 (0.338)
\$50000-\$54999	0.645 (0.210)	0.603 (0.239)	0.657 (0.283)	0.761 (0.331)
\$55000-\$59999	0.264*** (0.114)	0.469 (0.224)	0.365** (0.170)	0.412* (0.203)
\$60000-\$64999	0.488** (0.159)	0.471* (0.191)	0.627 (0.271)	0.708 (0.313)
\$65000-\$69999	0.442** (0.165)	0.329** (0.153)	0.352* (0.196)	0.377* (0.211)
\$70000-\$74999	0.806 (0.286)	0.756 (0.321)	0.881 (0.433)	0.978 (0.489)
\$75000-\$79999	0.387*** (0.132)	0.506 (0.225)	0.302** (0.162)	0.360* (0.190)
\$80000-\$89999	0.720 (0.227)	0.781 (0.317)	0.790 (0.345)	0.905 (0.411)

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\$90000-\$99999	0.569*	0.580	0.456*	0.479
	(0.192)	(0.250)	(0.212)	(0.230)
\$100000-\$109999	0.521**	0.611	0.427*	0.581
	(0.170)	(0.251)	(0.189)	(0.280)
\$110000-\$124999	0.356***	0.385**	0.270**	0.301**
	(0.119)	(0.167)	(0.139)	(0.161)
\$125000-\$149999	0.572*	0.909	0.919	1.085
	(0.188)	(0.412)	(0.443)	(0.536)
\$150000-\$174999	0.444**	0.438*	0.400*	0.416*
	(0.148)	(0.193)	(0.194)	(0.207)
\$175000-\$249999	0.536*	0.565	0.463	0.454
	(0.183)	(0.246)	(0.246)	(0.260)
\$250000 or more	0.575	0.602	0.447	0.464
	(0.201)	(0.302)	(0.236)	(0.261)
<b>Trust People (v. Always)</b>				
Most of the time		1.226	1.411	1.610
		(0.634)	(0.767)	(0.940)
About half the time		1.763	1.986	2.319
		(0.920)	(1.098)	(1.374)
Some of the time		1.644	1.800	2.000
		(0.860)	(0.998)	(1.187)
Never		1.512	1.357	1.354
		(0.972)	(0.924)	(0.969)
<b>Ideology (v. Extremely liberal)</b>				
Liberal		0.427	0.437	0.537
		(0.275)	(0.265)	(0.350)
Slightly liberal		2.534*	2.037	2.408
		(1.431)	(1.132)	(1.452)
Moderate, middle of the road		13.308***	7.144***	8.934***
		(7.195)	(3.645)	(4.998)
Slightly conservative		50.961***	15.365***	19.159***
		(27.803)	(8.087)	(11.046)
Conservative		420.164***	82.691***	125.786***
		(243.960)	(47.569)	(78.988)
Extremely conservative		395.203***	58.968***	68.128***
		(252.874)	(37.552)	(47.452)
Haven't thought much about this		18.512***	9.650***	12.082***
		(10.252)	(5.067)	(6.958)
<b>2012 Vote (v. Obama)</b>				
Mitt Romney			23.159***	26.654***
			(4.727)	(5.800)
Other			13.807***	15.599***
			(7.511)	(8.220)
Did not vote			4.985***	5.585***
			(0.961)	(1.136)
State FEs	No	No	No	No
Observations	2471	2471	2471	2471
Log-Likelihood	-1363.3	-1305.2	-820.1	-651.8
			-629.1	

Notes: Odds Ratios reported from logistic regressions.

\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S28:** Individual-Level SWB and Voting in 2016 by 2012 Vote

	Voted Trump = 1	
	(1)	(2)
<b>Subjective Well-Being</b>		
Life Satisfaction (z-score)	0.818*** (0.058)	0.667*** (0.068)
<b>2012 Vote (v. Obama)</b>		
Romney	91.779*** (17.745)	92.689*** (17.959)
Other	14.593*** (7.736)	15.188*** (8.139)
No Vote	8.834*** (1.616)	9.324*** (1.732)
<b>Interactions</b>		
Life Sat * Romney		1.633*** (0.290)
Life Sat * Other		1.394 (0.842)
Life Sat * No Vote		1.361** (0.206)
State FEs	Yes	Yes
Gender & Age	Yes	Yes
Race & Religion FEs	Yes	Yes
Education FEs	Yes	Yes
Income & Employment FEs	Yes	Yes
Observations	2,471	2,471
Log-Likelihood	-762.2	-757.8

Notes: Odds ratios reported for logistic regressions. Robust standard errors in parentheses. Source: American National Election Survey 2016. Sample is all those who report voting in the 2016 Presidential Election.  
\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S29:** Individual-Level SWB and Voting in 2012

	Voted Romney = 1				
	(1)	(2)	(3)	(4)	(5)
Life Satisfaction (z-score)	0.901*** (0.034)	0.852*** (0.035)	0.797*** (0.043)	0.866** (0.060)	0.865** (0.061)
Gender & Age	Yes	Yes	Yes	Yes	Yes
Race & Religion FEs	Yes	Yes	Yes	Yes	Yes
Education FEs	No	Yes	Yes	Yes	Yes
Income & Employment FEs	No	Yes	Yes	Yes	Yes
Trust & Ideology	No	No	Yes	Yes	Yes
2008 Vote Choice FEs	No	No	No	Yes	Yes
State FEs	No	No	No	No	Yes
Observations	4,096	4,096	4,096	4,096	4,096
Log-Likelihood	-2137.4	-2078.8	-1374.0	-937.4	-904.1

Notes: Odds Ratios reported from logistic regression models. Robust standard errors in parentheses. Source: American National Election Survey 2012. Sample is all those who report voting in the 2012 Presidential Election.  
\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .

**Table S30:** Individual-Level SWB and Voting in 2012 & 2016

	Voted Republican = 1			
	(1)	(2)	(3)	(4)
Life Satisfaction (z-score)	0.870*** (0.040)	0.898*** (0.003)	0.836*** (0.024)	0.879*** (0.017)
Year = 2016	1.036* (0.021)	1.046*** (0.011)	1.190*** (0.014)	1.197*** (0.032)
Life sat * 2016		0.919*** (0.007)		0.879*** (0.021)
Gender & Age	Yes	Yes	Yes	Yes
Race & Religion FEs	Yes	Yes	Yes	Yes
Education FEs	No	No	Yes	Yes
Income & Employment FEs	No	No	Yes	Yes
Trust & Ideology	No	No	Yes	Yes
Prior Vote Choice FEs	No	No	Yes	Yes
State FEs	No	No	Yes	Yes
Observations	6,569	6,569	6,569	6,569
Log-Likelihood	-3523.3	-3522.4	-1605.9	-1605.0

*Notes: Odds ratios reported for logistic regressions. Robust standard errors in parentheses, clustered on year.*

*Source: American National Election Survey 2012 & 2016, pooled.*

*\* $p < 0.10$ , \*\* $p < 0.05$ , \*\*\* $p < 0.01$ .*