

## **Web Appendix for**

# Difficulty to Reach Respondents and Nonresponse Bias: Evidence from Large Government Surveys

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## Note A.1: Regressor Category Definitions

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### CPS

**Marital status:** 6 categories: Married with spouse present, Married with spouse absent, Widowed, Divorced, Separated, Never married.

**Number of persons living in the household:** 5 categories: 1 person, 2, 3, 4, 5 or more.

**State:** 51 categories: 50 states and District of Columbia.

**Urban status:** 2 categories (+ a “Missing” indicator for missing data): Metropolitan, Nonmetropolitan.

**Interview month:** 12 categories: January, February, ..., December.

**Interview year:** 2 categories: 2012, 2013.

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### BRFSS

**Household income:** 4 categories: “Is your annual household income from all sources” Less than \$25,000, \$25,000–49,999, \$50,000–\$74,999, \$75,000 or more.

**Marital status:** 6 categories (+ Missing): Married, Divorced, Widowed, Separated, Never married, A member of an unmarried couple.

**Urban status:** 5 categories (+ Missing): In the center city of an Metropolitan Statistical Area (MSA), Outside the center city of an MSA but inside the county containing the center city, Inside a suburban county of the MSA, In an MSA that has no center city, Not in an MSA.

**Location:** 53 categories: 50 states, District of Columbia, Guam, Puerto Rico.

**Interview month:** 12 categories: January, February, ..., December.

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### CEX

**Income:** 4 categories (“CEX created variable for the income class of the consumer unit based on income before taxes (created from responses to the detailed income section of the survey)”): Less than \$20,000, \$20,000–39,999, \$40,000–69,999, \$70,000 or more.

**Marital status:** 5 categories (“Marital status of reference person”): Married, Widowed, Divorced, Separated, Never married.

**Size of consumer unit:** 3 categories: 1 member, 2 members, 3 or more members.

**Urban status:** 2 categories (+ Missing): Inside metropolitan statistical area (MSA), Outside MSA.

**Interview month:** 12 categories: January, February, ..., December.

**Interview year:** 6 categories: 2008, 2009, 2010, 2011, 2012, 2013.

Table A.1: CPS Demographics, with income

Attempts	1	2	3+	NR	All
Age: 16–19 (%)	6.4 (0.1)	7.0 (0.1)	7.1 (0.1)	6.1 (0.2)	6.5 (0.0)
20–39	30.7 (0.1)	33.4 (0.2)	37.0 (0.3)	28.4 (0.3)	31.6 (0.1)
40–49	16.5 (0.1)	18.1 (0.2)	18.8 (0.2)	17.3 (0.2)	17.1 (0.1)
50–64	26.2 (0.1)	25.7 (0.2)	24.7 (0.2)	28.9 (0.3)	26.2 (0.1)
65 and up	20.2 (0.1)	15.8 (0.2)	12.5 (0.2)	19.3 (0.3)	18.6 (0.1)
Children in household	25.5 (0.1)	28.4 (0.2)	28.5 (0.2)	23.4 (0.3)	26.2 (0.1)
Female	52.2 (0.1)	52.0 (0.2)	52.0 (0.3)	52.8 (0.3)	52.2 (0.1)
Educ: Less than high school	14.9 (0.1)	14.7 (0.2)	14.1 (0.2)	11.1 (0.2)	14.5 (0.1)
High school	30.2 (0.1)	29.1 (0.2)	28.0 (0.2)	27.1 (0.3)	29.6 (0.1)
Some college or tech. school	27.3 (0.1)	28.0 (0.2)	28.3 (0.2)	27.0 (0.3)	27.5 (0.1)
College graduate	27.6 (0.1)	28.2 (0.2)	29.6 (0.3)	34.8 (0.3)	28.5 (0.1)
Inc: Less than \$20,000	16.8 (0.1)	15.4 (0.2)	15.2 (0.2)	12.5 (0.2)	16.1 (0.1)
\$20,000-39,999	22.6 (0.1)	22.0 (0.2)	21.4 (0.2)	20.0 (0.3)	22.2 (0.1)
\$40,000-74,999	27.8 (0.1)	28.0 (0.2)	28.6 (0.2)	28.1 (0.3)	27.9 (0.1)
\$75,000 and up	32.8 (0.1)	34.7 (0.2)	34.8 (0.3)	39.4 (0.3)	33.9 (0.1)
Race: White	82.9 (0.1)	81.1 (0.2)	78.8 (0.2)	84.8 (0.2)	82.3 (0.1)
Black	9.7 (0.1)	10.1 (0.1)	11.5 (0.2)	8.6 (0.2)	9.8 (0.1)
Asian	4.4 (0.0)	5.6 (0.1)	6.4 (0.1)	4.4 (0.1)	4.8 (0.0)
Other	3.1 (0.0)	3.2 (0.1)	3.3 (0.1)	2.3 (0.1)	3.1 (0.0)
L.F.P.: Employed	57.9 (0.1)	62.5 (0.2)	67.5 (0.3)	63.5 (0.3)	60.2 (0.1)
Unemployed	5.1 (0.0)	5.2 (0.1)	4.8 (0.1)	4.0 (0.1)	5.0 (0.0)
Not in the labor force	37.0 (0.1)	32.3 (0.2)	27.7 (0.2)	32.5 (0.3)	34.9 (0.1)
Labor force participation	63.0 (0.1)	67.7 (0.2)	72.3 (0.2)	67.5 (0.3)	65.1 (0.1)
Unemployment rate	8.1 (0.1)	7.6 (0.1)	6.7 (0.2)	5.9 (0.2)	7.6 (0.1)
Median number of attempts (known)	1	2	3	n/a	1
Observations	197,751	52,275	32,770	24,807	307,603

**Notes:** This table replicates table 1, but includes household income categories.

Table A.2: Labor force participation, self-reported only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	-0.176*** (0.015)	-0.030 (0.032)	-0.067* (0.036)	0.090 (0.062)
20–39	-0.001 (0.004)	-0.013* (0.008)	-0.003 (0.008)	-0.020** (0.010)
50–64	-0.129*** (0.004)	0.019** (0.009)	0.051*** (0.009)	0.023** (0.011)
65 and up	-0.568*** (0.005)	0.014 (0.011)	0.062*** (0.014)	0.022 (0.014)
Children in household	0.016*** (0.004)	0.008 (0.009)	0.014 (0.010)	0.004 (0.012)
Female	-0.104*** (0.003)	-0.001 (0.006)	0.021*** (0.006)	0.019*** (0.007)
Educ: Less than high school	-0.113*** (0.005)	0.009 (0.011)	-0.007 (0.013)	-0.030* (0.016)
Some college or tech. school	0.044*** (0.003)	-0.010 (0.008)	-0.017** (0.009)	-0.016 (0.010)
College graduate	0.114*** (0.003)	-0.018** (0.007)	-0.039*** (0.008)	-0.017* (0.010)
Race: Black	-0.015*** (0.005)	-0.009 (0.010)	0.008 (0.011)	-0.022 (0.014)
Asian	-0.038*** (0.007)	0.016 (0.014)	-0.001 (0.016)	0.015 (0.019)
Other	-0.031*** (0.008)	-0.013 (0.018)	0.025 (0.020)	0.012 (0.027)
Constant	0.725*** (0.014)	-0.002 (0.032)	0.140*** (0.034)	0.097* (0.051)
B: Adjusted means				
Labor force participation	0.624*** (0.001)	0.659*** (0.003)	0.699*** (0.003)	0.677*** (0.004)

**Notes:** This table replicates table 2, but restricts the sample to self reports.  $N = 155,442$  (1 attempt: 99,604; 2: 25,813; 3+: 16,675; None Reported: 13,350).  $R^2 = 0.32$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.3: Labor force participation, proxy-reported only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	-0.255*** (0.007)	-0.013 (0.015)	-0.025 (0.018)	-0.037* (0.022)
20–39	-0.015*** (0.004)	-0.001 (0.008)	-0.004 (0.010)	-0.022* (0.012)
50–64	-0.096*** (0.004)	0.016* (0.009)	0.043*** (0.011)	0.038*** (0.013)
65 and up	-0.580*** (0.005)	0.020 (0.012)	0.077*** (0.016)	0.049*** (0.017)
Children in household	0.046*** (0.004)	0.015* (0.009)	0.031*** (0.011)	0.023* (0.014)
Female	-0.103*** (0.003)	-0.005 (0.006)	-0.004 (0.007)	-0.009 (0.008)
Educ: Less than high school	-0.155*** (0.005)	0.007 (0.010)	0.007 (0.013)	-0.013 (0.016)
Some college or tech. school	0.018*** (0.004)	-0.002 (0.008)	-0.009 (0.010)	0.002 (0.012)
College graduate	0.086*** (0.004)	-0.012 (0.008)	-0.014 (0.009)	0.009 (0.011)
Race: Black	-0.042*** (0.005)	0.005 (0.012)	-0.006 (0.013)	-0.016 (0.017)
Asian	-0.072*** (0.007)	-0.008 (0.014)	0.027* (0.016)	0.009 (0.022)
Other	-0.042*** (0.008)	0.004 (0.018)	0.004 (0.023)	0.080*** (0.027)
Constant	0.756*** (0.032)	-0.011 (0.067)	0.132* (0.072)	0.102 (0.076)
B: Adjusted means				
Labor force participation	0.658*** (0.001)	0.665*** (0.003)	0.681*** (0.004)	0.656*** (0.004)

**Notes:** This table replicates table 2, but restricts the sample to proxy reports.  $N = 149,685$  (1 attempt: 96,891; 2: 25,982; 3+: 15,674; None Reported: 11,138).  $R^2 = 0.27$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.4: Unemployment rate, self-reported only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	0.116*** (0.017)	0.003 (0.037)	0.051 (0.043)	-0.016 (0.065)
20–39	0.018*** (0.003)	-0.003 (0.006)	-0.011* (0.006)	-0.015** (0.007)
50–64	0.009*** (0.003)	-0.003 (0.006)	-0.008 (0.007)	-0.003 (0.007)
65 and up	0.012** (0.005)	0.001 (0.010)	-0.015 (0.011)	0.013 (0.012)
Children in household	-0.012*** (0.004)	0.003 (0.008)	0.005 (0.008)	0.009 (0.009)
Female	-0.001 (0.002)	-0.002 (0.005)	0.002 (0.005)	0.002 (0.005)
Educ: Less than high school	0.047*** (0.006)	0.007 (0.012)	-0.020 (0.013)	-0.009 (0.018)
Some college or tech. school	-0.015*** (0.003)	0.009 (0.006)	-0.002 (0.007)	0.008 (0.008)
College graduate	-0.047*** (0.003)	0.008 (0.006)	0.008 (0.006)	0.015** (0.007)
Race: Black	0.058*** (0.005)	-0.015 (0.009)	-0.014 (0.010)	-0.005 (0.013)
Asian	-0.010* (0.005)	0.011 (0.011)	0.013 (0.011)	-0.016 (0.011)
Other	0.044*** (0.008)	-0.005 (0.016)	0.016 (0.019)	0.000 (0.024)
Constant	0.063*** (0.014)	-0.028 (0.026)	-0.007 (0.026)	-0.020 (0.040)
B: Adjusted means				
Unemployment rate	0.084*** (0.001)	0.072*** (0.002)	0.059*** (0.002)	0.060*** (0.003)

**Notes:** This table replicates table 3, but restricts the sample to self reports.  $N = 99,752$  (1 attempt: 60,524; 2: 17,585; 3+: 12,499; None Reported: 9,144).  $R^2 = 0.04$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.5: Unemployment rate, proxy-reported only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	0.076*** (0.007)	0.021 (0.016)	0.010 (0.019)	-0.025 (0.023)
20–39	0.011*** (0.003)	0.008 (0.006)	-0.012* (0.007)	0.003 (0.009)
50–64	-0.006** (0.003)	-0.004 (0.006)	-0.013* (0.007)	0.004 (0.008)
65 and up	-0.011*** (0.004)	0.001 (0.010)	0.004 (0.013)	0.010 (0.012)
Children in household	-0.008** (0.003)	-0.009 (0.007)	-0.004 (0.008)	0.002 (0.010)
Female	-0.009*** (0.002)	-0.007 (0.005)	-0.002 (0.005)	0.012** (0.006)
Educ: Less than high school	0.041*** (0.005)	-0.010 (0.011)	-0.006 (0.012)	0.008 (0.018)
Some college or tech. school	-0.029*** (0.003)	-0.002 (0.006)	0.004 (0.007)	0.000 (0.009)
College graduate	-0.041*** (0.003)	-0.001 (0.005)	0.008 (0.006)	-0.000 (0.007)
Race: Black	0.068*** (0.005)	-0.020* (0.011)	-0.004 (0.012)	-0.012 (0.016)
Asian	-0.004 (0.005)	0.003 (0.009)	0.005 (0.012)	-0.030** (0.013)
Other	0.051*** (0.008)	-0.020 (0.017)	-0.008 (0.021)	0.003 (0.026)
Constant	0.070* (0.039)	-0.015 (0.077)	-0.109** (0.045)	-0.153*** (0.056)
B: Adjusted means				
Unemployment rate	0.077*** (0.001)	0.078*** (0.002)	0.070*** (0.003)	0.073*** (0.003)

**Notes:** This table replicates table 3, but restricts the sample to proxy reports.  $N = 98,887$  (1 attempt: 63,144; 2: 17,454; 3+: 10,909; None Reported: 7,380).  $R^2 = 0.06$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.6: Labor force participation, telephone interviews only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	-0.243*** (0.020)	0.013 (0.040)	-0.046 (0.046)	-0.068** (0.027)
20–39	-0.018** (0.008)	-0.011 (0.016)	0.002 (0.018)	-0.016 (0.011)
50–64	-0.084*** (0.009)	0.002 (0.017)	0.036* (0.020)	-0.004 (0.012)
65 and up	-0.554*** (0.013)	0.047* (0.025)	0.099*** (0.031)	0.006 (0.016)
Children in household	0.070*** (0.010)	0.001 (0.019)	-0.010 (0.021)	-0.007 (0.013)
Female	-0.090*** (0.006)	-0.013 (0.011)	-0.002 (0.013)	-0.006 (0.008)
Educ: Less than high school	-0.148*** (0.013)	-0.018 (0.027)	-0.002 (0.031)	-0.011 (0.017)
Some college or tech. school	0.014 (0.009)	0.012 (0.016)	0.023 (0.019)	0.010 (0.011)
College graduate	0.080*** (0.008)	0.002 (0.016)	0.021 (0.018)	0.016 (0.011)
Race: Black	-0.038*** (0.013)	0.007 (0.026)	0.017 (0.026)	-0.005 (0.017)
Asian	-0.024 (0.016)	-0.041 (0.029)	0.011 (0.032)	-0.023 (0.021)
Other	-0.046** (0.020)	0.045 (0.041)	0.021 (0.048)	0.065** (0.028)
Constant	0.756*** (0.038)	0.206*** (0.070)	0.097 (0.079)	0.142*** (0.053)
B: Adjusted means				
Labor force participation	0.685*** (0.003)	0.703*** (0.006)	0.713*** (0.007)	0.684*** (0.003)

**Notes:** This table replicates table 2, but restricts the sample to telephone interviews  $N = 52,624$  (1 attempt: 17,917; 2: 6,277; 3+: 4,315; None Reported: 24,115).  $R^2 = 0.28$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .



Table A.7: Unemployment rate, telephone interviews only

Attempts	1	2	3+	NR
A: Regression with interactions				
	Base	Interactions		
Age: 16–19	0.049** (0.019)	0.044 (0.040)	0.063 (0.048)	0.018 (0.027)
20–39	0.023*** (0.006)	-0.010 (0.011)	-0.031** (0.012)	-0.014* (0.008)
50–64	0.010* (0.006)	-0.010 (0.011)	-0.010 (0.013)	-0.006 (0.008)
65 and up	0.004 (0.009)	-0.014 (0.018)	-0.013 (0.020)	0.014 (0.012)
Children in household	-0.005 (0.007)	-0.012 (0.014)	-0.003 (0.015)	-0.005 (0.010)
Female	-0.004 (0.004)	-0.002 (0.008)	0.006 (0.009)	0.004 (0.006)
Educ: Less than high school	0.057*** (0.014)	-0.013 (0.026)	-0.001 (0.029)	-0.010 (0.019)
Some college or tech. school	-0.022*** (0.006)	0.011 (0.012)	0.021 (0.013)	0.004 (0.008)
College graduate	-0.042*** (0.006)	0.016 (0.010)	0.023** (0.012)	0.006 (0.007)
Race: Black	0.059*** (0.012)	-0.029 (0.020)	-0.048** (0.020)	-0.001 (0.016)
Asian	-0.024*** (0.009)	0.000 (0.018)	0.036 (0.025)	-0.008 (0.012)
Other	0.059*** (0.019)	-0.042 (0.034)	-0.044 (0.034)	-0.009 (0.025)
Constant	0.046* (0.027)	-0.039 (0.041)	-0.016 (0.047)	-0.026 (0.037)
B: Adjusted means				
Unemployment rate	0.064*** (0.002)	0.060*** (0.004)	0.051*** (0.005)	0.060*** (0.002)

**Notes:** This table replicates table 3, but restricts the sample to telephone interviews.  $N = 36,281$  (1 attempt: 12,300; 2: 4,523; 3+: 3,185; None Reported: 16,273).  $R^2 = 0.05$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.8: Obesity, with controls for labor force participation

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age:				
18-39	-0.073*** (0.005)	0.002 (0.007)	0.001 (0.007)	0.023*** (0.007)
40-49	-0.014*** (0.005)	0.012* (0.007)	-0.002 (0.007)	0.009 (0.007)
60-69	-0.001 (0.004)	0.002 (0.006)	0.007 (0.007)	-0.000 (0.006)
70 and up	-0.104*** (0.005)	0.008 (0.007)	0.007 (0.008)	0.017** (0.008)
Children in household	0.026*** (0.004)	-0.007 (0.005)	-0.004 (0.006)	-0.019*** (0.006)
Female	-0.002 (0.003)	-0.008** (0.004)	-0.023*** (0.004)	-0.021*** (0.004)
Educ:				
Less than high school	0.014*** (0.005)	0.002 (0.007)	0.003 (0.008)	0.009 (0.008)
Some college or tech. school	-0.004 (0.003)	0.005 (0.005)	-0.003 (0.005)	0.004 (0.005)
College graduate	-0.062*** (0.004)	0.003 (0.005)	-0.006 (0.005)	-0.008 (0.005)
Inc:				
Below \$25,000	0.019*** (0.005)	-0.002 (0.007)	-0.002 (0.007)	-0.012* (0.007)
\$25,000-49,999	0.006 (0.005)	-0.004 (0.006)	-0.004 (0.007)	-0.003 (0.007)
\$75,000 and up	-0.042*** (0.005)	0.002 (0.006)	-0.001 (0.007)	0.007 (0.007)
Race:				
Black, non-hispanic	0.117*** (0.005)	0.001 (0.007)	-0.009 (0.008)	0.013* (0.007)
Other, non-hispanic	-0.008 (0.006)	0.011 (0.008)	0.023*** (0.009)	0.000 (0.009)
Hispanic	0.034*** (0.007)	0.002 (0.009)	0.003 (0.009)	0.003 (0.009)
Empl:				
Self-employed	-0.048*** (0.005)	-0.005 (0.007)	-0.014* (0.008)	-0.007 (0.007)
Out of work, >1 year	0.026*** (0.008)	-0.017 (0.011)	-0.009 (0.012)	0.001 (0.012)
Out of work, <1 year	0.001 (0.008)	0.002 (0.011)	-0.024* (0.012)	-0.017 (0.013)
Homemaker	-0.035*** (0.006)	0.001 (0.008)	-0.009 (0.009)	0.005 (0.009)
Student	-0.094*** (0.009)	0.016 (0.012)	0.003 (0.013)	0.007 (0.013)
Retired	-0.002 (0.004)	0.001 (0.006)	-0.015** (0.007)	0.001 (0.007)
Unable to work	0.106*** (0.005)	0.001 (0.008)	-0.023*** (0.008)	-0.012 (0.009)
Constant	0.357*** (0.012)	0.015 (0.016)	0.048*** (0.017)	0.002 (0.018)
B: Adjusted means				
Obesity	0.296*** (0.001)	0.286*** (0.001)	0.282*** (0.001)	0.268*** (0.002)

**Notes:** This table replicates table 5, but includes additional controls for the employment-status question “Are you currently:” (see response options under “Empl” in table; omitted category: “Employed for wages”).  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.04$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.9: Self-reported weight

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	-4.068*** (0.205)	0.240 (0.272)	0.589** (0.288)	1.550*** (0.285)
40-49	-0.293 (0.205)	0.300 (0.272)	-0.144 (0.287)	0.606** (0.280)
60-69	-1.097*** (0.170)	-0.058 (0.228)	0.345 (0.248)	0.374 (0.243)
70 and up	-7.152*** (0.177)	0.357 (0.241)	0.597** (0.267)	1.582*** (0.268)
Children in household	1.060*** (0.160)	-0.147 (0.212)	-0.069 (0.224)	-0.617*** (0.223)
Female	-15.797*** (0.112)	-0.340** (0.151)	-0.721*** (0.163)	-0.916*** (0.162)
Educ: Less than high school	-0.102 (0.203)	-0.397 (0.278)	-0.307 (0.305)	-0.317 (0.306)
Some college or tech. school	0.616*** (0.140)	0.019 (0.190)	-0.109 (0.208)	0.016 (0.210)
College graduate	-1.453*** (0.144)	-0.103 (0.195)	-0.229 (0.212)	-0.352* (0.211)
Inc: Below \$25,000	0.760*** (0.191)	-0.143 (0.258)	-0.411 (0.280)	-0.750*** (0.282)
\$25,000-49,999	-0.071 (0.185)	-0.024 (0.248)	-0.084 (0.269)	-0.112 (0.270)
\$75,000 and up	-1.506*** (0.191)	0.097 (0.253)	0.205 (0.271)	0.315 (0.267)
Race: Black, non-hispanic	5.749*** (0.217)	-0.011 (0.292)	-0.239 (0.311)	0.379 (0.300)
Other, non-hispanic	-2.593*** (0.244)	0.459 (0.326)	0.658* (0.348)	-0.345 (0.347)
Hispanic	-1.640*** (0.281)	-0.609* (0.364)	-0.592 (0.374)	-0.676* (0.370)
Constant	94.401*** (0.465)	-0.156 (0.629)	0.202 (0.691)	-0.373 (0.732)
B: Adjusted means				
Self-reported weight (kg)	80.385*** (0.055)	79.932*** (0.048)	79.644*** (0.057)	79.067*** (0.064)

**Notes:** This table replicates table 5, but replaces the dependent variable with weight.  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.2$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.10: Self-reported height

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	0.010*** (0.001)	-0.001 (0.001)	-0.001 (0.001)	-0.001 (0.001)
40-49	0.005*** (0.001)	-0.001 (0.001)	-0.001 (0.001)	0.001 (0.001)
60-69	-0.008*** (0.001)	-0.001 (0.001)	0.001 (0.001)	0.002* (0.001)
70 and up	-0.019*** (0.001)	0.000 (0.001)	0.001 (0.001)	0.002* (0.001)
Children in household	-0.000 (0.001)	0.001 (0.001)	0.002* (0.001)	0.001 (0.001)
Female	-0.149*** (0.000)	0.001 (0.001)	0.003*** (0.001)	0.002*** (0.001)
Educ: Less than high school	-0.008*** (0.001)	-0.003*** (0.001)	-0.004*** (0.001)	-0.006*** (0.001)
Some college or tech. school	0.007*** (0.001)	-0.000 (0.001)	0.000 (0.001)	0.001 (0.001)
College graduate	0.011*** (0.001)	-0.000 (0.001)	0.000 (0.001)	0.001 (0.001)
Inc: Below \$25,000	-0.008*** (0.001)	-0.001 (0.001)	-0.000 (0.001)	0.000 (0.001)
\$25,000-49,999	-0.004*** (0.001)	-0.001 (0.001)	0.000 (0.001)	-0.000 (0.001)
\$75,000 and up	0.004*** (0.001)	-0.000 (0.001)	0.002** (0.001)	0.002* (0.001)
Race: Black, non-hispanic	0.001 (0.001)	0.001 (0.001)	-0.000 (0.001)	-0.001 (0.001)
Other, non-hispanic	-0.023*** (0.001)	-0.002 (0.001)	-0.004** (0.001)	-0.006*** (0.001)
Hispanic	-0.037*** (0.001)	-0.006*** (0.001)	-0.009*** (0.001)	-0.008*** (0.001)
Constant	1.794*** (0.002)	-0.005** (0.003)	-0.010*** (0.003)	-0.007** (0.003)
B: Adjusted means				
Height (m)	1.693*** (0.000)	1.693*** (0.000)	1.693*** (0.000)	1.693*** (0.000)

**Notes:** This table replicates table 5, but replaces the dependent variable with height.  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.54$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.11: Obesity, weighted

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	-0.106*** (0.010)	0.021 (0.013)	0.012 (0.014)	0.031** (0.014)
40-49	-0.016 (0.010)	0.024* (0.014)	-0.004 (0.014)	-0.013 (0.014)
60-69	-0.007 (0.009)	0.000 (0.012)	0.011 (0.013)	-0.003 (0.013)
70 and up	-0.120*** (0.009)	0.014 (0.012)	0.011 (0.014)	0.012 (0.014)
Children in household	0.022*** (0.008)	-0.003 (0.010)	-0.001 (0.010)	-0.009 (0.011)
Female	-0.005 (0.005)	-0.007 (0.007)	-0.014* (0.008)	-0.014* (0.008)
Educ: Less than high school	0.009 (0.010)	0.012 (0.014)	0.007 (0.015)	0.010 (0.015)
Some college or tech. school	-0.002 (0.007)	-0.004 (0.009)	-0.009 (0.010)	0.007 (0.010)
College graduate	-0.060*** (0.007)	-0.005 (0.009)	-0.004 (0.010)	-0.001 (0.010)
Inc: Below \$25,000	0.030*** (0.010)	-0.002 (0.013)	-0.011 (0.014)	-0.020 (0.015)
\$25,000-49,999	-0.005 (0.009)	-0.001 (0.012)	0.003 (0.013)	0.000 (0.014)
\$75,000 and up	-0.053*** (0.009)	0.011 (0.012)	0.021 (0.013)	0.007 (0.013)
Race: Black, non-hispanic	0.125*** (0.011)	-0.017 (0.015)	-0.034** (0.016)	-0.010 (0.016)
Other, non-hispanic	-0.055*** (0.011)	0.006 (0.015)	0.017 (0.015)	-0.018 (0.015)
Hispanic	0.048*** (0.013)	-0.022 (0.017)	0.003 (0.017)	-0.016 (0.017)
Constant	0.408*** (0.021)	-0.020 (0.028)	-0.005 (0.030)	-0.010 (0.032)
B: Adjusted means				
Obesity	0.294*** (0.003)	0.284*** (0.003)	0.272*** (0.003)	0.261*** (0.003)

**Notes:** This table replicates table 5, but uses the BRFSS analysis weights.  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.04$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.12: Self-reported weight, weighted

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	-4.686*** (0.425)	0.899 (0.558)	0.793 (0.590)	1.757*** (0.583)
40-49	0.333 (0.422)	-0.020 (0.567)	-1.089* (0.587)	-0.976* (0.579)
60-69	-1.022*** (0.347)	0.040 (0.468)	0.069 (0.502)	0.195 (0.490)
70 and up	-6.666*** (0.366)	-0.040 (0.488)	0.076 (0.563)	0.879 (0.538)
Children in household	0.886*** (0.333)	0.037 (0.444)	0.278 (0.468)	-0.068 (0.465)
Female	-15.455*** (0.244)	-0.426 (0.326)	-0.432 (0.342)	-0.515 (0.343)
Educ: Less than high school	-0.720 (0.446)	0.509 (0.644)	-0.377 (0.674)	-0.446 (0.644)
Some college or tech. school	1.153*** (0.304)	-0.708* (0.413)	-0.232 (0.430)	-0.149 (0.444)
College graduate	-1.191*** (0.289)	-0.572 (0.389)	-0.143 (0.426)	-0.340 (0.413)
Inc: Below \$25,000	0.504 (0.403)	-0.243 (0.554)	-0.562 (0.587)	-1.131* (0.592)
\$25,000-49,999	-0.131 (0.374)	-0.457 (0.503)	-0.245 (0.534)	-0.170 (0.562)
\$75,000 and up	-1.230*** (0.410)	-0.178 (0.527)	-0.086 (0.546)	-0.273 (0.551)
Race: Black, non-hispanic	5.703*** (0.565)	-0.673 (0.719)	-1.203 (0.741)	-0.402 (0.736)
Other, non-hispanic	-5.324*** (0.475)	-1.078 (0.661)	0.214 (0.677)	-2.753*** (0.662)
Hispanic	-1.701*** (0.566)	-1.610** (0.742)	-0.197 (0.741)	-0.908 (0.708)
Constant	94.169*** (0.919)	-0.294 (1.209)	0.375 (1.258)	1.312 (1.449)
B: Adjusted means				
Self-reported weight (kg)	81.127*** (0.135)	80.604*** (0.115)	80.096*** (0.116)	79.623*** (0.114)

**Notes:** This table replicates table A.9, but uses the BRFSS analysis weights.  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.2$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.13: Self-reported height, weighted

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	0.011*** (0.002)	-0.001 (0.002)	-0.003 (0.002)	-0.000 (0.002)
40-49	0.006*** (0.002)	-0.003 (0.002)	-0.004* (0.002)	-0.001 (0.002)
60-69	-0.008*** (0.001)	0.002 (0.002)	0.001 (0.002)	0.003 (0.002)
70 and up	-0.017*** (0.001)	-0.000 (0.002)	0.001 (0.002)	0.001 (0.002)
Children in household	-0.003** (0.001)	0.002 (0.002)	0.005*** (0.002)	0.002 (0.002)
Female	-0.148*** (0.001)	0.001 (0.001)	0.004*** (0.001)	0.004*** (0.001)
Educ: Less than high school	-0.007*** (0.002)	-0.006** (0.003)	-0.007** (0.003)	-0.012*** (0.003)
Some college or tech. school	0.008*** (0.001)	-0.002 (0.002)	0.003* (0.002)	0.000 (0.002)
College graduate	0.011*** (0.001)	-0.002 (0.002)	0.000 (0.002)	-0.002 (0.002)
Inc: Below \$25,000	-0.009*** (0.002)	-0.000 (0.002)	-0.002 (0.002)	-0.002 (0.003)
\$25,000-49,999	-0.003** (0.002)	-0.002 (0.002)	-0.002 (0.002)	-0.002 (0.002)
\$75,000 and up	0.006*** (0.002)	-0.000 (0.002)	-0.001 (0.002)	-0.000 (0.002)
Race: Black, non-hispanic	0.001 (0.002)	-0.002 (0.003)	-0.002 (0.003)	-0.001 (0.003)
Other, non-hispanic	-0.031*** (0.003)	-0.010*** (0.003)	-0.006* (0.003)	-0.016*** (0.003)
Hispanic	-0.036*** (0.002)	-0.012*** (0.003)	-0.015*** (0.003)	-0.012*** (0.003)
Constant	1.787*** (0.003)	-0.001 (0.005)	-0.001 (0.005)	0.005 (0.005)
B: Adjusted means				
Height (m)	1.704*** (0.001)	1.703*** (0.000)	1.703*** (0.000)	1.702*** (0.001)

**Notes:** This table replicates table A.10, but uses the BRFSS analysis weights.  $N = 450,212$  (1 attempt: 114,694; 2-3: 137,418; 4-6: 98,813; 7+: 99,287).  $R^2 = 0.52$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.14: Obesity, interviewer-ID-controls sample

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	-0.090*** (0.006)	0.005 (0.008)	0.014 (0.009)	0.033*** (0.009)
40-49	-0.016** (0.006)	0.014* (0.008)	0.002 (0.009)	0.010 (0.009)
60-69	-0.006 (0.005)	0.007 (0.007)	0.007 (0.007)	0.008 (0.007)
70 and up	-0.120*** (0.005)	0.012 (0.007)	0.005 (0.008)	0.028*** (0.008)
Children in household	0.021*** (0.005)	-0.005 (0.006)	0.000 (0.007)	-0.016** (0.007)
Female	-0.003 (0.003)	-0.004 (0.005)	-0.025*** (0.005)	-0.014*** (0.005)
Educ: Less than high school	0.025*** (0.006)	0.001 (0.008)	-0.003 (0.009)	0.006 (0.009)
Some college or tech. school	-0.007* (0.004)	0.010* (0.006)	-0.005 (0.006)	0.003 (0.006)
College graduate	-0.066*** (0.004)	0.006 (0.006)	-0.004 (0.006)	-0.003 (0.006)
Inc: Below \$25,000	0.034*** (0.006)	-0.006 (0.008)	-0.006 (0.009)	-0.016* (0.009)
\$25,000-49,999	0.008 (0.006)	-0.008 (0.008)	0.000 (0.008)	-0.007 (0.008)
\$75,000 and up	-0.046*** (0.006)	-0.001 (0.008)	0.003 (0.008)	0.004 (0.008)
Race: Black, non-hispanic	0.127*** (0.007)	0.003 (0.009)	-0.007 (0.010)	0.004 (0.009)
Other, non-hispanic	-0.005 (0.007)	0.016 (0.010)	0.030*** (0.010)	-0.002 (0.010)
Hispanic	0.037*** (0.008)	-0.007 (0.011)	-0.008 (0.011)	-0.003 (0.011)
Constant	0.371*** (0.013)	-0.001 (0.018)	0.029 (0.020)	-0.004 (0.021)
B: Adjusted means				
Obesity	0.298*** (0.002)	0.289*** (0.001)	0.285*** (0.002)	0.266*** (0.002)

**Notes:** This table replicates table 5, but limits the sample to only include respondents interviewed by interviewers with at least 10 interviews in each of the four difficulty categories (1,651 interviewers).  $N = 303,034$  (1 attempt: 78,998; 2-3: 91,931; 4-6: 66,194; 7+: 65,911).  $R^2 = 0.04$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .



Table A.15: Obesity, interviewer-ID-controls sample with interviewer-ID controls

Attempts	1	2-3	4-6	7+
A: Regression with interactions				
	Base	Interactions		
Age: 18-39	-0.091*** (0.006)	0.006 (0.008)	0.014 (0.009)	0.035*** (0.009)
40-49	-0.016*** (0.006)	0.016* (0.008)	0.003 (0.009)	0.012 (0.009)
60-69	-0.005 (0.005)	0.007 (0.007)	0.007 (0.008)	0.008 (0.007)
70 and up	-0.120*** (0.005)	0.010 (0.007)	0.004 (0.008)	0.027*** (0.008)
Children in household	0.023*** (0.005)	-0.006 (0.007)	-0.001 (0.007)	-0.018*** (0.007)
Female	-0.003 (0.003)	-0.006 (0.005)	-0.025*** (0.005)	-0.014*** (0.005)
Educ: Less than high school	0.026*** (0.006)	-0.000 (0.008)	-0.003 (0.009)	0.006 (0.009)
Some college or tech. school	-0.007 (0.004)	0.010* (0.006)	-0.007 (0.006)	0.002 (0.006)
College graduate	-0.065*** (0.004)	0.006 (0.006)	-0.005 (0.007)	-0.003 (0.007)
Inc: Below \$25,000	0.035*** (0.006)	-0.007 (0.008)	-0.005 (0.009)	-0.019** (0.009)
\$25,000-49,999	0.008 (0.006)	-0.009 (0.008)	0.002 (0.008)	-0.007 (0.008)
\$75,000 and up	-0.046*** (0.006)	-0.001 (0.008)	0.003 (0.008)	0.004 (0.008)
Race: Black, non-hispanic	0.128*** (0.007)	0.002 (0.009)	-0.007 (0.010)	0.002 (0.009)
Other, non-hispanic	-0.006 (0.007)	0.017* (0.010)	0.031*** (0.010)	-0.002 (0.010)
Hispanic	0.034*** (0.008)	-0.006 (0.011)	-0.007 (0.012)	-0.003 (0.011)
Constant	0.391*** (0.031)	-0.092** (0.045)	0.028 (0.050)	-0.017 (0.055)
B: Adjusted means				
Obesity	0.298*** (0.002)	0.289*** (0.002)	0.285*** (0.002)	0.266*** (0.002)

**Notes:** This table replicates table 5, but limits the sample to only include respondents interviewed by interviewers with at least 10 interviews in each of the four difficulty categories (1,651 interviewers), and includes interviewer-ID controls (and their difficulty interactions).  $N = 303,034$  (1 attempt: 78,998; 2-3: 91,931; 4-6: 66,194; 7+: 65,911).  $R^2 = 0.06$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.16: Total expenditures, second-interview difficulty

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.145*** (0.028)	0.045 (0.035)	0.073** (0.033)	0.062* (0.032)
30-39	-0.025 (0.025)	-0.011 (0.031)	0.019 (0.029)	-0.032 (0.029)
50-64	-0.026 (0.023)	0.008 (0.028)	0.022 (0.027)	0.014 (0.026)
65 and up	-0.079*** (0.025)	0.034 (0.032)	0.039 (0.030)	0.021 (0.031)
Children in household	0.034 (0.026)	0.009 (0.033)	-0.025 (0.031)	0.025 (0.031)
Female	-0.016 (0.014)	0.017 (0.018)	0.009 (0.017)	0.002 (0.017)
Educ: Less than high school	-0.116*** (0.021)	-0.051* (0.027)	-0.017 (0.027)	0.002 (0.027)
Some college or tech. school	0.108*** (0.018)	-0.028 (0.023)	-0.019 (0.022)	-0.039* (0.022)
College graduate	0.258*** (0.020)	-0.035 (0.025)	-0.005 (0.024)	-0.018 (0.024)
Race: Black	-0.080*** (0.023)	-0.069** (0.029)	-0.017 (0.027)	0.000 (0.027)
Asian	-0.111*** (0.033)	0.012 (0.042)	0.044 (0.039)	0.058 (0.039)
Other	0.047 (0.052)	-0.063 (0.065)	-0.099 (0.061)	-0.042 (0.060)
Inc: Below \$20,000	-0.637*** (0.022)	0.030 (0.028)	0.043 (0.027)	0.046* (0.027)
\$20,000-39,999	-0.229*** (0.021)	-0.027 (0.026)	-0.020 (0.025)	-0.015 (0.025)
\$70,000 and up	0.393*** (0.021)	0.022 (0.025)	0.030 (0.024)	0.030 (0.024)
Constant	9.144*** (0.041)	0.111** (0.052)	0.087* (0.050)	0.118** (0.050)
B: Adjusted means				
Total expenditures (log)	9.099*** (0.007) 8,942*** (66)	9.145*** (0.005) 9,369*** (49)	9.163*** (0.005) 9,536*** (43)	9.181*** (0.005) 9,711*** (46)

**Notes:** This table replicates table 7, but uses second-interview difficulty of reaching.  $N = 36,722$  (1 attempt: 5,076; 2: 8,781; 3-4: 11,507; 5+: 11,358).  $R^2 = 0.56$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.17: Total expenditures, with additional interview controls

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.071*** (0.024)	-0.019 (0.034)	-0.007 (0.031)	0.006 (0.029)
30-39	-0.016 (0.022)	-0.002 (0.030)	0.001 (0.027)	-0.024 (0.026)
50-64	-0.017 (0.020)	-0.030 (0.027)	0.004 (0.025)	-0.013 (0.024)
65 and up	-0.056** (0.022)	-0.027 (0.030)	-0.015 (0.029)	-0.038 (0.028)
Children in household	0.055** (0.022)	-0.043 (0.030)	-0.035 (0.028)	-0.021 (0.027)
Female	-0.030** (0.012)	0.019 (0.017)	0.006 (0.016)	0.021 (0.015)
Educ: Less than high school	-0.137*** (0.019)	0.025 (0.026)	0.018 (0.025)	0.002 (0.024)
Some college or tech. school	0.094*** (0.016)	-0.022 (0.022)	-0.024 (0.020)	-0.035* (0.019)
College graduate	0.235*** (0.017)	-0.005 (0.023)	-0.023 (0.022)	-0.021 (0.021)
Race: Black	-0.065*** (0.020)	-0.014 (0.027)	-0.045* (0.025)	-0.020 (0.023)
Asian	-0.049 (0.031)	-0.018 (0.041)	-0.040 (0.038)	0.011 (0.036)
Other	0.027 (0.046)	-0.093 (0.061)	-0.105* (0.058)	-0.036 (0.053)
Inc: Below \$20,000	-0.555*** (0.019)	-0.038 (0.027)	-0.014 (0.025)	0.006 (0.024)
\$20,000-39,999	-0.233*** (0.017)	-0.014 (0.024)	0.005 (0.023)	0.013 (0.022)
\$70,000 and up	0.384*** (0.017)	0.011 (0.024)	0.009 (0.022)	0.015 (0.021)
Constant	9.014*** (0.039)	0.121** (0.054)	0.148*** (0.050)	0.033 (0.048)
B: Adjusted means				
Total expenditures (log)	9.124*** (0.006)	9.143*** (0.006)	9.168*** (0.005)	9.165*** (0.004)
Total expenditures (\$)	9,175*** (58)	9,344*** (53)	9,586*** (46)	9,554*** (42)

**Notes:** This table replicates table 7, but adds additional controls (and number-of-attempts interactions) for interview hour (4 categories: 1-2pm, 3-4pm, 5pm or later) and duration (4 categories: less than 37.15, 37.15-52.78, 52.78-73.72, more than 73.72 minutes). 2 observations excluded due to missing interview duration.  $N = 36,720$  (1 attempt: 6,603; 2: 7,229; 3-4: 9,971; 5+: 12,917).  $R^2 = 0.59$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.18: Total expenditures, second-interview difficulty and additional interview controls

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.125*** (0.027)	0.043 (0.034)	0.073** (0.032)	0.053* (0.032)
30-39	-0.005 (0.024)	-0.028 (0.030)	0.008 (0.029)	-0.047* (0.028)
50-64	-0.040* (0.022)	0.004 (0.028)	0.020 (0.026)	0.017 (0.026)
65 and up	-0.094*** (0.025)	0.013 (0.031)	0.025 (0.030)	0.010 (0.030)
Children in household	0.020 (0.026)	0.019 (0.032)	-0.016 (0.030)	0.035 (0.030)
Female	-0.022 (0.014)	0.015 (0.017)	0.005 (0.017)	-0.001 (0.017)
Educ: Less than high school	-0.102*** (0.021)	-0.054** (0.027)	-0.023 (0.026)	-0.009 (0.026)
Some college or tech. school	0.106*** (0.018)	-0.042* (0.023)	-0.032 (0.022)	-0.050** (0.022)
College graduate	0.245*** (0.020)	-0.047* (0.024)	-0.017 (0.023)	-0.027 (0.023)
Race: Black	-0.077*** (0.022)	-0.056* (0.028)	-0.006 (0.027)	0.007 (0.026)
Asian	-0.084*** (0.032)	0.007 (0.041)	0.039 (0.038)	0.039 (0.038)
Other	0.018 (0.051)	-0.044 (0.063)	-0.089 (0.060)	-0.036 (0.059)
Inc: Below \$20,000	-0.594*** (0.022)	0.028 (0.027)	0.037 (0.026)	0.035 (0.026)
\$20,000-39,999	-0.210*** (0.020)	-0.027 (0.025)	-0.027 (0.024)	-0.021 (0.024)
\$70,000 and up	0.377*** (0.020)	0.015 (0.025)	0.020 (0.024)	0.022 (0.024)
Constant	8.993*** (0.042)	0.137** (0.054)	0.102** (0.052)	0.134** (0.052)
B: Adjusted means				
Total expenditures (log)	9.126*** (0.007)	9.151*** (0.005)	9.158*** (0.004)	9.171*** (0.005)
	9,187*** (69)	9,423*** (49)	9,490*** (42)	9,614*** (45)

**Notes:** This table replicates table 7, but uses second-interview difficulty of reaching. and adds additional controls (and number-of-attempts interactions) for interview hour (4 categories: 1-2pm, 3-4pm, 5pm or later) and duration (4 categories: less than 37.15, 37.15-52.78, 52.78-73.72, more than 73.72 minutes). 2 observations excluded due to missing interview duration.  $N = 36,720$  (1 attempt: 5,075; 2: 8,781; 3-4: 11,506; 5+: 11,358).  $R^2 = 0.59$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.19: Health expenditures

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-1.140*** (0.123)	0.187 (0.171)	0.012 (0.156)	0.317** (0.145)
30-39	-0.444*** (0.112)	0.040 (0.149)	-0.012 (0.138)	0.029 (0.130)
50-64	0.659*** (0.102)	-0.244* (0.135)	-0.242* (0.126)	-0.254** (0.120)
65 and up	2.075*** (0.112)	-0.096 (0.151)	-0.144 (0.143)	-0.054 (0.139)
Children in household	0.100 (0.112)	-0.193 (0.153)	-0.228 (0.142)	-0.109 (0.134)
Female	0.280*** (0.061)	-0.001 (0.085)	0.071 (0.079)	0.053 (0.075)
Educ: Less than high school	-0.422*** (0.095)	-0.054 (0.133)	-0.155 (0.126)	-0.227* (0.121)
Some college or tech. school	0.313*** (0.079)	-0.150 (0.111)	-0.091 (0.103)	-0.031 (0.098)
College graduate	0.579*** (0.086)	-0.159 (0.118)	0.013 (0.110)	0.033 (0.105)
Race: Black	-0.493*** (0.100)	0.007 (0.138)	-0.043 (0.127)	-0.072 (0.118)
Asian	-0.325** (0.156)	-0.220 (0.206)	-0.258 (0.194)	-0.196 (0.182)
Other	-0.145 (0.230)	-0.463 (0.307)	0.280 (0.291)	-0.026 (0.268)
Inc: Below \$20,000	-1.423*** (0.095)	-0.002 (0.133)	-0.015 (0.124)	-0.064 (0.119)
\$20,000-39,999	-0.564*** (0.087)	-0.049 (0.122)	0.013 (0.114)	-0.093 (0.109)
\$70,000 and up	0.403*** (0.088)	0.166 (0.119)	0.161 (0.111)	0.306*** (0.106)
Constant	4.958*** (0.183)	0.249 (0.252)	0.104 (0.235)	-0.473** (0.225)
B: Adjusted means				
Health expenditures (log)	5.080*** (0.032)	5.076*** (0.028)	5.048*** (0.024)	4.940*** (0.022)
Health expenditures (\$)	160*** (5)	159*** (5)	155*** (4)	139*** (3)

**Notes:** This table replicates table 7, but replaces the dependent variable with  $\ln(\text{total quarterly household expenditures on health} + 1)$  (and excludes households with negative net health expenditures).  $N = 36,568$  (1 attempt: 6,571; 2: 7,199; 3-4: 9,926; 5+: 12,872).  $R^2 = 0.27$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.20: Food expenditures

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.092** (0.036)	-0.037 (0.050)	-0.026 (0.046)	-0.035 (0.043)
30-39	-0.020 (0.033)	0.003 (0.044)	0.023 (0.041)	-0.052 (0.038)
50-64	-0.017 (0.030)	-0.020 (0.040)	-0.022 (0.037)	-0.018 (0.035)
65 and up	-0.087*** (0.033)	0.040 (0.044)	0.030 (0.042)	0.011 (0.041)
Children in household	0.052 (0.033)	-0.007 (0.045)	-0.031 (0.042)	0.013 (0.039)
Female	-0.060*** (0.018)	0.006 (0.025)	-0.010 (0.023)	0.004 (0.022)
Educ: Less than high school	-0.098*** (0.028)	0.063 (0.039)	0.046 (0.037)	0.058 (0.035)
Some college or tech. school	0.040* (0.023)	0.003 (0.033)	0.003 (0.030)	-0.008 (0.029)
College graduate	0.150*** (0.025)	0.001 (0.035)	-0.004 (0.032)	-0.025 (0.031)
Race: Black	-0.045 (0.030)	-0.081** (0.041)	-0.078** (0.037)	-0.085** (0.035)
Asian	-0.073 (0.046)	0.008 (0.060)	-0.017 (0.057)	0.034 (0.053)
Other	0.041 (0.068)	-0.063 (0.090)	-0.066 (0.086)	-0.102 (0.079)
Inc: Below \$20,000	-0.358*** (0.028)	-0.030 (0.039)	-0.036 (0.037)	-0.057 (0.035)
\$20,000-39,999	-0.146*** (0.026)	-0.023 (0.036)	-0.008 (0.033)	0.005 (0.032)
\$70,000 and up	0.226*** (0.026)	0.013 (0.035)	0.006 (0.032)	0.021 (0.031)
Constant	7.340*** (0.054)	0.007 (0.074)	0.125* (0.069)	0.026 (0.066)
B: Adjusted means				
Food expenditures (log)	7.242*** (0.009)	7.253*** (0.008)	7.288*** (0.007)	7.301*** (0.006)
Food expenditures (\$)	1,397*** (13)	1,412*** (12)	1,462*** (10)	1,481*** (10)

**Notes:** This table replicates table 7, but replaces the dependent variable with  $\ln(\text{total quarterly household expenditures on food} + 1)$ .  $N = 36,724$  (1 attempt: 6,603; 2: 7,230; 3-4: 9,973; 5+: 12,918).  $R^2 = 0.31$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.21: Total expenditures, telephone interviews

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.090* (0.053)	-0.063 (0.071)	-0.017 (0.064)	-0.013 (0.059)
30-39	-0.011 (0.046)	-0.010 (0.060)	-0.008 (0.055)	-0.027 (0.051)
50-64	-0.002 (0.042)	-0.055 (0.054)	-0.014 (0.049)	-0.026 (0.046)
65 and up	-0.025 (0.048)	-0.065 (0.063)	-0.053 (0.059)	-0.081 (0.055)
Children in household	0.082* (0.047)	-0.102 (0.063)	-0.088 (0.057)	-0.037 (0.054)
Female	-0.022 (0.026)	0.021 (0.035)	0.004 (0.032)	0.030 (0.030)
Educ: Less than high school	-0.110** (0.046)	0.015 (0.062)	-0.008 (0.057)	-0.032 (0.054)
Some college or tech. school	0.115*** (0.033)	-0.007 (0.045)	-0.039 (0.041)	-0.046 (0.039)
College graduate	0.272*** (0.035)	0.003 (0.047)	-0.025 (0.043)	-0.043 (0.040)
Race: Black	0.023 (0.042)	-0.152*** (0.056)	-0.163*** (0.051)	-0.142*** (0.047)
Asian	0.012 (0.058)	-0.049 (0.076)	-0.102 (0.071)	-0.093 (0.066)
Other	0.219* (0.115)	-0.258* (0.153)	-0.288** (0.135)	-0.338*** (0.125)
Inc: Below \$20,000	-0.577*** (0.041)	-0.066 (0.056)	0.002 (0.051)	0.042 (0.048)
\$20,000-39,999	-0.215*** (0.038)	-0.011 (0.050)	0.016 (0.046)	-0.010 (0.043)
\$70,000 and up	0.424*** (0.036)	-0.018 (0.047)	-0.012 (0.043)	0.016 (0.041)
Constant	9.045*** (0.076)	0.141 (0.101)	0.243*** (0.093)	0.163* (0.088)
B: Adjusted means				
Total expenditures (log)	9.143*** (0.013)	9.165*** (0.011)	9.208*** (0.009)	9.202*** (0.007)
	9,344*** (124)	9,555*** (107)	9,972*** (87)	9,920*** (71)

**Notes:** This table replicates table 7, but restricts the sample to telephone interviews.  $N = 11,719$  (1 attempt: 1,593; 2: 1,992; 3-4: 3,185; 5+: 4,949).  $R^2 = 0.55$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Table A.22: Total expenditures, personal interviews

Attempts	1	2	3-4	5+
A: Regression with interactions				
	Base	Interactions		
Age: 16-29	-0.089*** (0.029)	-0.001 (0.040)	-0.000 (0.037)	0.019 (0.035)
30-39	-0.024 (0.027)	-0.000 (0.036)	0.003 (0.033)	-0.023 (0.032)
50-64	0.001 (0.024)	-0.022 (0.032)	0.003 (0.031)	-0.025 (0.029)
65 and up	-0.033 (0.026)	-0.016 (0.036)	-0.001 (0.034)	-0.020 (0.034)
Children in household	0.054** (0.026)	-0.024 (0.036)	-0.022 (0.034)	-0.016 (0.032)
Female	-0.020 (0.014)	0.015 (0.020)	0.001 (0.019)	0.023 (0.018)
Educ: Less than high school	-0.166*** (0.022)	0.032 (0.030)	0.041 (0.029)	0.026 (0.028)
Some college or tech. school	0.095*** (0.019)	-0.016 (0.026)	-0.006 (0.025)	-0.018 (0.024)
College graduate	0.248*** (0.020)	-0.002 (0.028)	-0.012 (0.027)	-0.006 (0.026)
Race: Black	-0.109*** (0.024)	0.030 (0.033)	0.004 (0.031)	0.032 (0.029)
Asian	-0.115*** (0.038)	0.008 (0.051)	0.004 (0.048)	0.072 (0.046)
Other	0.022 (0.052)	-0.084 (0.069)	-0.078 (0.067)	0.064 (0.062)
Inc: Below \$20,000	-0.624*** (0.022)	-0.009 (0.031)	0.010 (0.030)	0.015 (0.029)
\$20,000-39,999	-0.270*** (0.020)	-0.012 (0.029)	0.011 (0.027)	0.028 (0.026)
\$70,000 and up	0.387*** (0.021)	0.028 (0.029)	0.036 (0.027)	0.041 (0.026)
Constant	9.218*** (0.043)	0.068 (0.060)	0.076 (0.056)	-0.031 (0.055)
B: Adjusted means				
Total expenditures (log)	9.097*** (0.007)	9.124*** (0.007)	9.144*** (0.006)	9.147*** (0.006)
Total expenditures (\$)	8,923*** (66)	9,170*** (63)	9,355*** (56)	9,387*** (54)

**Notes:** This table replicates table 7, but restricts the sample to personal interviews.  $N = 24,305$  (1 attempt: 4,912; 2: 5,131; 3-4: 6,611; 5+: 7,651).  $R^2 = 0.57$ . \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .



Table A.23: Life satisfaction, uncontrolled OLS

Attempts:	Separate				Cumulative		
	1 call	2-3 calls	4-7 calls	≥8 calls	1-3 calls	1-7 calls	All
Inc. below \$25,000	-0.317*** (0.003)	-0.319*** (0.003)	-0.313*** (0.003)	-0.301*** (0.004)	-0.318*** (0.002)	-0.316*** (0.002)	-0.312*** (0.002)
Inc. \$25,000-49,999	-0.104*** (0.004)	-0.113*** (0.003)	-0.111*** (0.003)	-0.118*** (0.003)	-0.109*** (0.002)	-0.109*** (0.002)	-0.110*** (0.002)
Inc. \$75,000 and up	0.110*** (0.004)	0.107*** (0.003)	0.115*** (0.003)	0.126*** (0.003)	0.108*** (0.002)	0.111*** (0.002)	0.114*** (0.002)
Constant	3.487*** (0.003)	3.487*** (0.002)	3.477*** (0.002)	3.464*** (0.003)	3.487*** (0.002)	3.483*** (0.001)	3.479*** (0.001)
$R^2$	0.056	0.057	0.059	0.060	0.056	0.057	0.058
Female	0.002 (0.002)	-0.002 (0.002)	-0.013*** (0.002)	-0.012*** (0.002)	-0.001 (0.002)	-0.005*** (0.001)	-0.007*** (0.001)
Constant	3.369*** (0.002)	3.384*** (0.002)	3.401*** (0.002)	3.403*** (0.002)	3.377*** (0.001)	3.386*** (0.001)	3.390*** (0.001)
$R^2$	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Age 18-39	0.042*** (0.004)	0.027*** (0.003)	0.013*** (0.003)	0.006** (0.003)	0.033*** (0.002)	0.027*** (0.002)	0.023*** (0.002)
Age 40-49	-0.006 (0.004)	-0.006** (0.003)	-0.004 (0.003)	-0.008** (0.003)	-0.006** (0.002)	-0.004** (0.002)	-0.004** (0.002)
Age 60-69	0.086*** (0.003)	0.085*** (0.003)	0.081*** (0.003)	0.076*** (0.004)	0.085*** (0.002)	0.082*** (0.002)	0.079*** (0.002)
Age 70 and up	0.082*** (0.003)	0.070*** (0.003)	0.058*** (0.003)	0.049*** (0.004)	0.074*** (0.002)	0.067*** (0.002)	0.061*** (0.002)
Constant	3.323*** (0.002)	3.347*** (0.002)	3.368*** (0.002)	3.380*** (0.002)	3.337*** (0.002)	3.348*** (0.001)	3.355*** (0.001)
$R^2$	0.004	0.003	0.003	0.002	0.003	0.003	0.003
Age ≤ 49 & child in house	0.121*** (0.004)	0.107*** (0.003)	0.096*** (0.003)	0.080*** (0.003)	0.113*** (0.003)	0.106*** (0.002)	0.099*** (0.002)
Age ≥ 50	0.115*** (0.003)	0.107*** (0.003)	0.098*** (0.003)	0.084*** (0.003)	0.109*** (0.002)	0.103*** (0.002)	0.096*** (0.001)
Constant	3.268*** (0.003)	3.291*** (0.003)	3.312*** (0.002)	3.330*** (0.003)	3.281*** (0.002)	3.293*** (0.002)	3.303*** (0.001)
$R^2$	0.004	0.003	0.003	0.003	0.003	0.003	0.003
Constant	3.370*** (0.001)	3.383*** (0.001)	3.393*** (0.001)	3.396*** (0.001)	3.377*** (0.001)	3.382*** (0.001)	3.385*** (0.001)
Observations	344,244	428,658	394,212	314,363	772,902	1,167,114	1,481,477

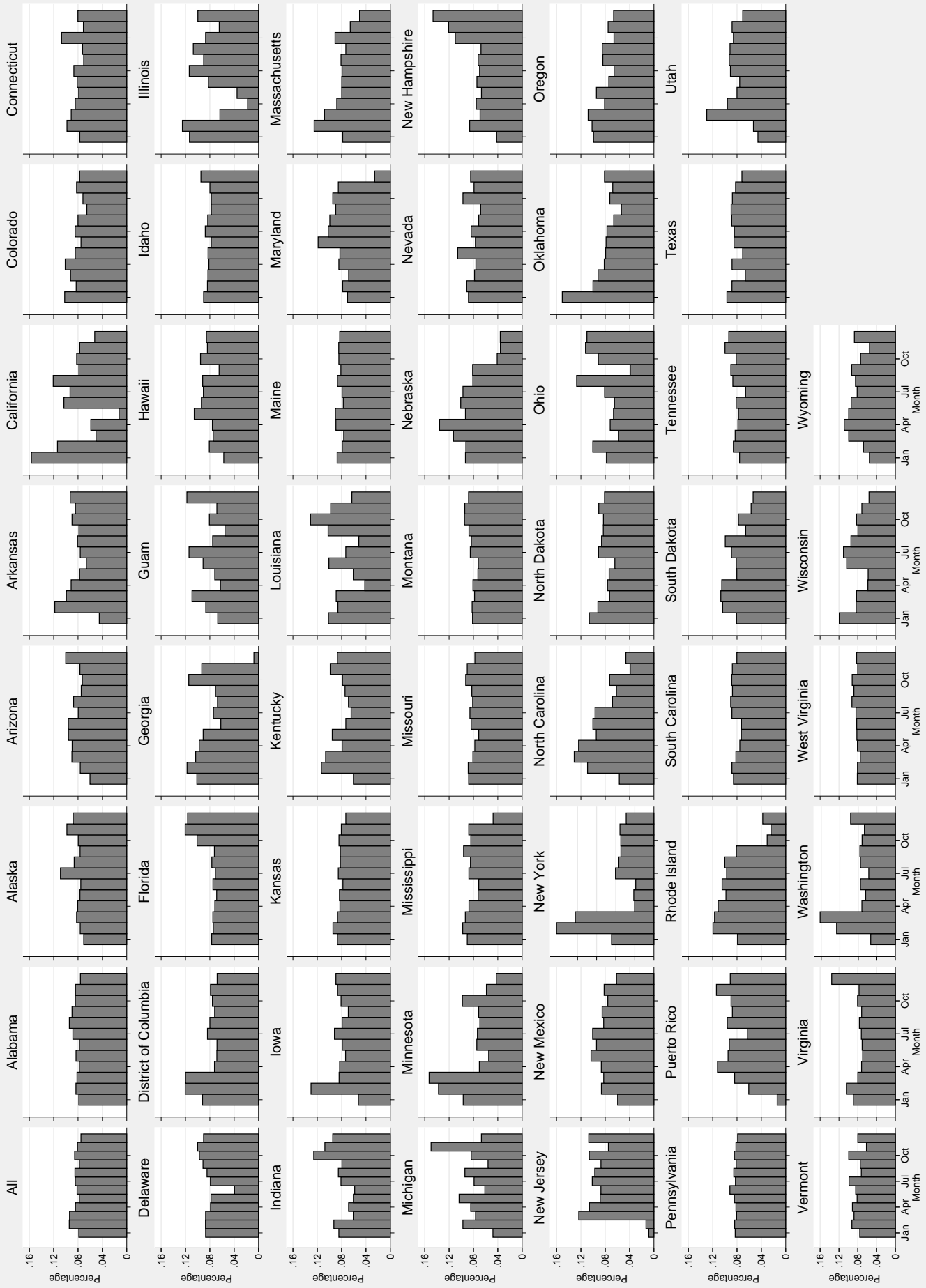
**Notes:** Source: Behavioral Risk Factor Surveillance System, 2005-2008. Each column reports coefficients from five different OLS regressions (separated by horizontal lines). Dependent variable: responses to the question “In general, how satisfied are you with your life?” coded as follows: 4=Very satisfied; 3=Satisfied; 2=Dissatisfied; 1=Very dissatisfied. Where relevant, regressions include indicators for missing data (not reported). Regressions within a column are conducted on the same subsample, based on the difficulty-to-reach category reported on the top row. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table A.24: Life satisfaction, controlled OLS

Attempts:	Separate				Cumulative		
	1 call	2-3 calls	4-7 calls	$\geq 8$ calls	1-3 calls	1-7 calls	All
Inc. below \$25,000	-0.254*** (0.004)	-0.251*** (0.003)	-0.238*** (0.003)	-0.231*** (0.004)	-0.253*** (0.003)	-0.248*** (0.002)	-0.245*** (0.002)
Inc. \$25,000-49,999	-0.090*** (0.004)	-0.095*** (0.003)	-0.086*** (0.003)	-0.088*** (0.003)	-0.093*** (0.002)	-0.090*** (0.002)	-0.090*** (0.002)
Inc. \$75,000 and up	0.093*** (0.004)	0.088*** (0.003)	0.091*** (0.003)	0.096*** (0.003)	0.090*** (0.002)	0.091*** (0.002)	0.092*** (0.002)
Female	0.041*** (0.002)	0.040*** (0.002)	0.030*** (0.002)	0.029*** (0.002)	0.040*** (0.001)	0.036*** (0.001)	0.034*** (0.001)
Age 18-39	0.032*** (0.005)	0.038*** (0.004)	0.029*** (0.004)	0.033*** (0.004)	0.036*** (0.003)	0.034*** (0.002)	0.035*** (0.002)
Age 40-49	-0.035*** (0.004)	-0.028*** (0.004)	-0.025*** (0.003)	-0.020*** (0.004)	-0.030*** (0.003)	-0.028*** (0.002)	-0.025*** (0.002)
Age 60-69	0.128*** (0.003)	0.127*** (0.003)	0.122*** (0.003)	0.114*** (0.004)	0.127*** (0.002)	0.124*** (0.002)	0.121*** (0.002)
Age 70 and up	0.189*** (0.003)	0.184*** (0.003)	0.174*** (0.003)	0.162*** (0.004)	0.186*** (0.002)	0.181*** (0.002)	0.176*** (0.002)
Age $\leq 49$ & child in house	0.025*** (0.004)	0.018*** (0.003)	0.020*** (0.003)	0.010*** (0.003)	0.021*** (0.003)	0.021*** (0.002)	0.018*** (0.002)
Constant	3.350*** (0.011)	3.335*** (0.010)	3.338*** (0.011)	3.388*** (0.013)	3.343*** (0.007)	3.342*** (0.006)	3.351*** (0.005)
$R^2$	0.097	0.097	0.097	0.094	0.097	0.097	0.096
Observations	344,244	428,658	394,212	314,363	772,902	1,167,114	1,481,477

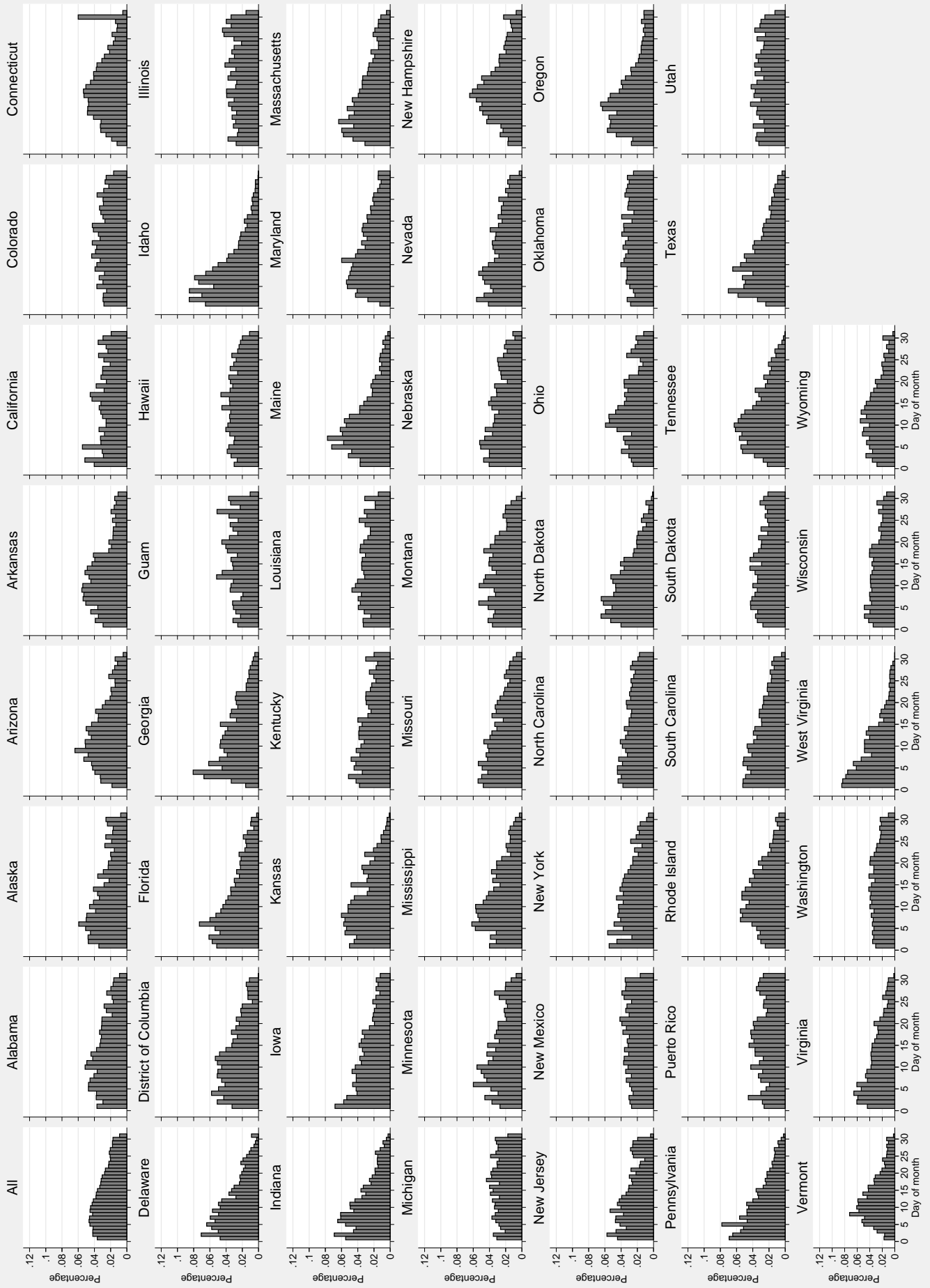
**Notes:** Source: Behavioral Risk Factor Surveillance System, 2005-2008. Each column reports coefficients from a single OLS regression. Dependent variable: responses to the question “In general, how satisfied are you with your life?” coded as follows: 4=Very satisfied; 3=Satisfied; 2=Dissatisfied; 1=Very dissatisfied. Regressions include controls for education, marital status, race, state, urban/rural, and missing data indicators that are not reported. The regression for each column is conducted on a subsample, based on the difficulty-to-reach category reported on the top row. Standard errors in parentheses. \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .

Figure A.1: Distribution of interview month, by location



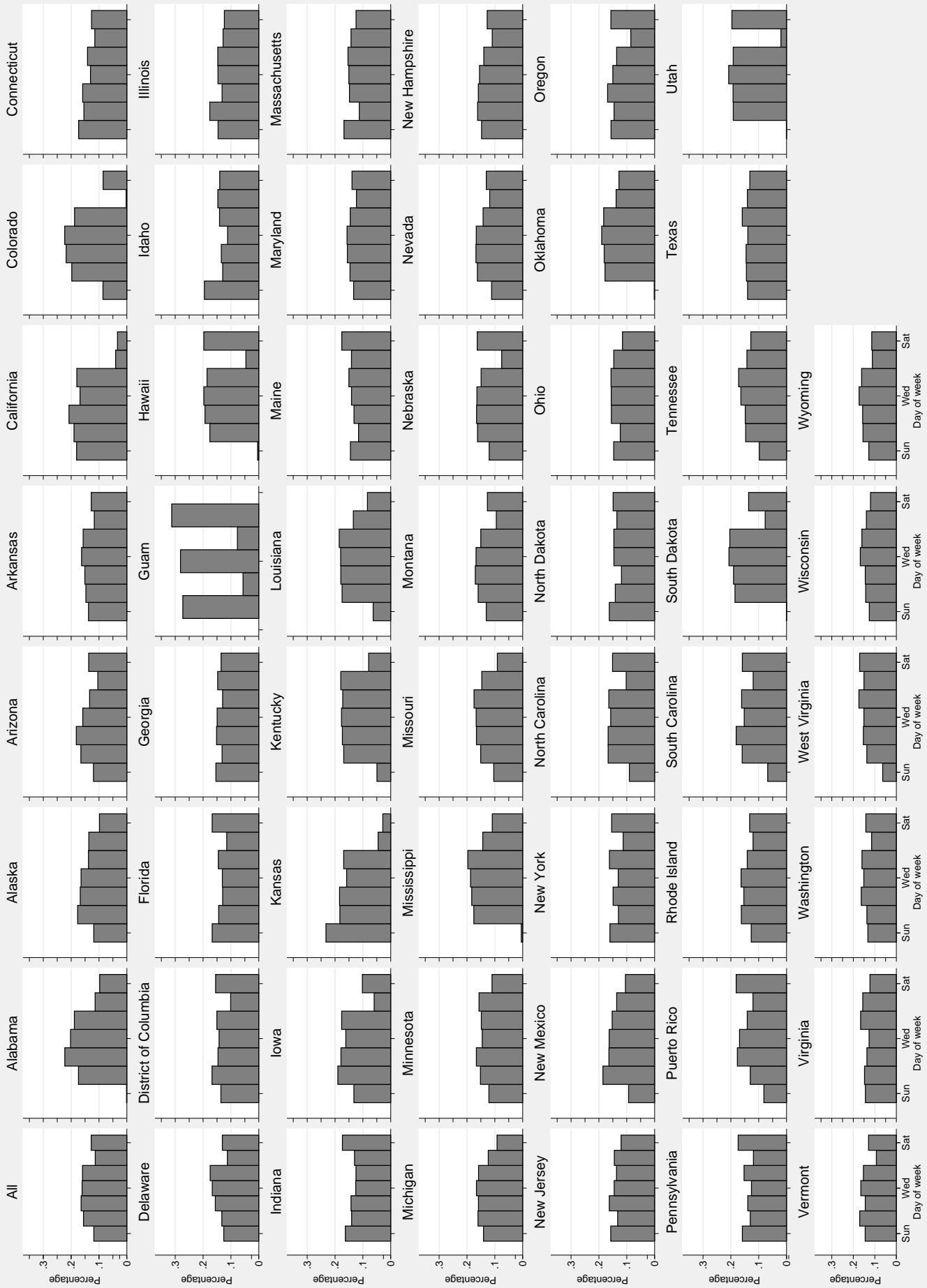
**Notes:** Source: Behavioral Risk Factor Surveillance System, 2012. Sample: all interviews. Each histogram reports the distribution of the month of interview completion.

Figure A.2: Distribution of interview day of the month, by location



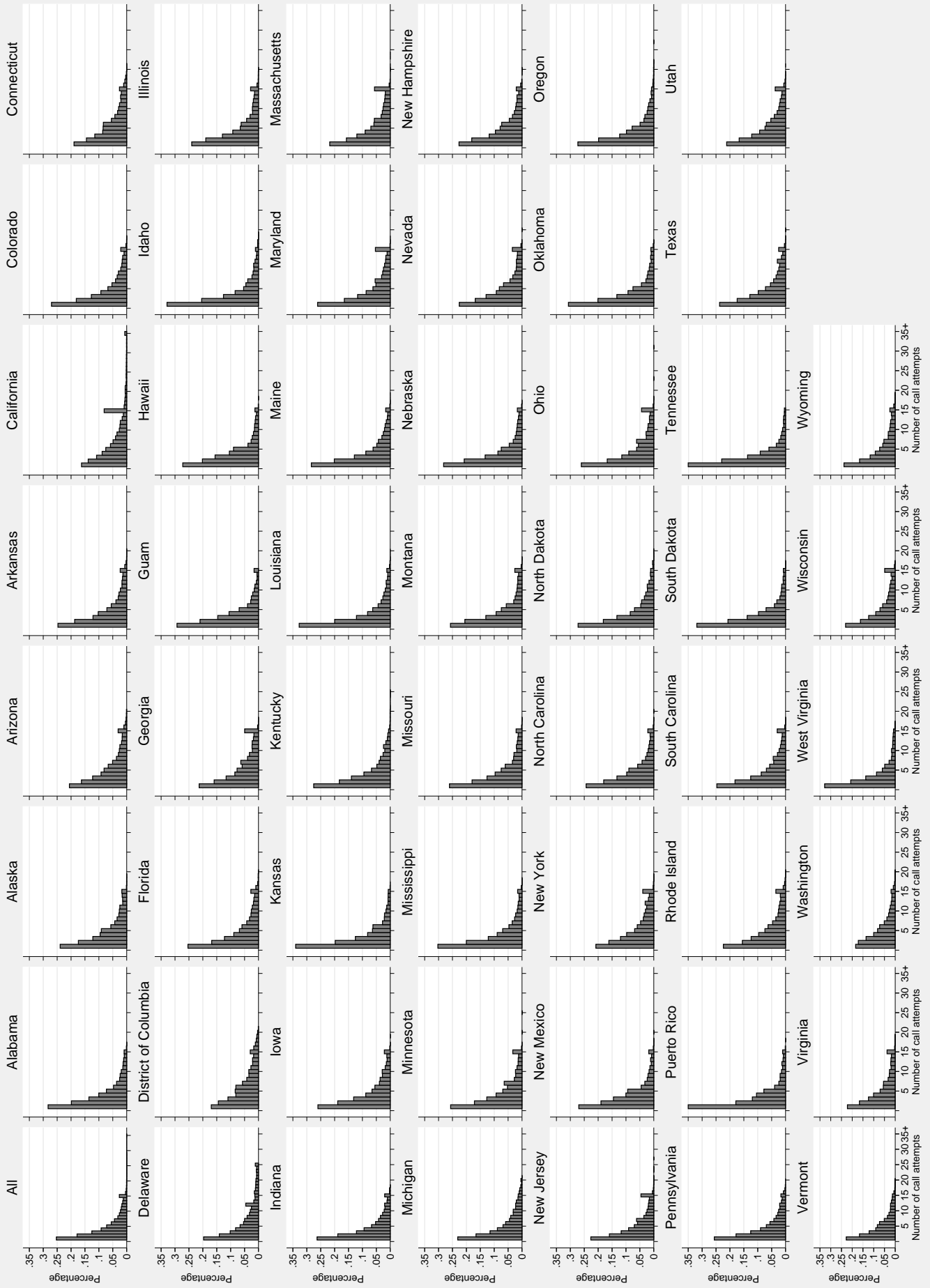
**Notes:** Source: Behavioral Risk Factor Surveillance System, 2012. Sample: all interviews. Each histogram reports the distribution of the day of the month of interview completion.

Figure A.3: Distribution of interview day of the week, by location



**Notes:** Source: Behavioral Risk Factor Surveillance System, 2012. Sample: all interviews. Each histogram reports the distribution of the day of the week of interview completion.

Figure A.4: Distribution of number of contact attempts, by location



**Notes:** Source: Behavioral Risk Factor Surveillance System, 2012. Sample: all interviews. Each histogram reports the distribution of the number of attempts required for each completion.