**Online Appendix A: NAES Question Wording, Recodes, and Percentages for each value**

**African-American:** Coded 1 if respondent claimed to be an African-American (8.0%), zero otherwise.

**Battleground:** Coded one if respondent’s state was a battleground state in either 2004 or 2008 by *Politico*.(39.3%)

**Born USA**: Coded 1 if respondent indicated s/he was born in the US (91.7%), zero otherwise.

**Age:** Recoded from actual years into the following categories 18 thru 30=1(13.5%), 31 thru 40=2 ((16.9%), 41 thru 50=3 (21.3%), 51 thru 60=4 (20.9%), 61 thru 70=5 (14.5%), 71 thru 97(12.8%)

**American Indian:** Coded 1 if respondent identified as American Indian (1.2%), zero otherwise.

**Asian:** Coded 1 if respondent self-identified as of Asian descent (1.5%), zero otherwise.

**Caucasian:** Coded 1 if respondent claimed to be Caucasian (83.6%), zero, otherwise.

**Education:** Coded into five dummy variables. Less than High School(6.9%), High School (27.8%), Some College (25.7%), Attainment of BA or BS degree(23.9%) , Graduate Study (15.5%) *or* an ordinal variable where Less than High School=1, High School=2, Some College=3, Attainment of BA or BS degree=4, Graduate Study=5.

**Female**: Coded one if the respondent is female (56.1%), zero if male.

**Hispanic**: Coded 1 if respondent claimed to be a non-Cuban Hispanic (6.8%), zero otherwise.NAES permitted respondents to indicate they were “white or white Hispanic.” Respondents who indicated they were white but subsequently stated they were of Hispanic ancestry were counted as Hispanic.

**Income**: Recoded to form a five-point ordinal scale, each scale point comprising approximately one income quintile: zero to $25,000=1(19.1%); $25,000 to $50,000=2 (27.5%); $50,000 to $75,000=3 (19.5%), $75,000 to $100,000=4 (14.0%), and greater than $100,000=5 (19.7%).

**Political Knowledge**: Political knowledge was measured by summing the number of correct answers the respondent provided for the following three questions: 1) Which branch of government determines if a law is constitutional? 2) Which party has the most members in congress? 3) Who is the Vice-President? Relative frequencies, 0=14.3%; 1=25.0%; 2=33.2%; 3=27.4%

**Married**: Coded one if the responded indicated he or she was married (58.4%).

**Military Service Self:** Coded one if the respondent indicated that she or he had served in the U.S. military. This includes the National Guard and the Reserves. Otherwise a value of zero is assigned (16.0%).

**Military Service Spouse:** Coded one if the respondent indicated no military service for himself or herself, but that his or her spouse served in the military. Includes National Guard or Military service (14.9%). Otherwise assigned a value of zero.

**Same Day Registration:** Coded one if the respondent’s state allowed same day registration in the year of the survey (8.2%), zero otherwise.

**Registered**: Coded one if the respondent claimed to be registered to vote at time of interview (86.6%), zero otherwise.

**Union:** Coded one if the respondent or a member of his or her family is currently a member of a union (14.9%), zero otherwise.

**Year:** Coded 1 if respondent surveyed in 2008 (41.6), 0 if surveyed in 2004.

**Online Appendix B: Correlation Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Indian | Black | White | Hispanic | Asian | Battle  ground | Born  US | Age | Female | Income | Educ |
| Indian | 1.0 |  |  |  |  |  |  |  |  |  |  |
| Black | -.03 | 1.0 |  |  |  |  |  |  |  |  |  |
| White | -.24 | -.67 | 1.00 |  |  |  |  |  |  |  |  |
| Hispanic | .02 | -.05 | -.34 | 1.0 |  |  |  |  |  |  |  |
| Asian | -.01 | -.04 | -.27 | -.03 | 1.0 |  |  |  |  |  |  |
| Battleground | -.009 | -.03 | .08 | -.08 | -.04 | 1.0 |  |  |  |  |  |
| Born US | .02 | -.007 | .26 | -.35 | -.29 | .06 | 1.0 |  |  |  |  |
| Age | -.02 | -.08 | .15 | -.15 | -.07 | .03 | .09 | 1.0 |  |  |  |
| Female | -.01 | .03 | -.003 | -.009 | .02 | .01 | .03 | .05 | 1.0 |  |  |
| Income | -.02 | -.09 | .09 | -.09 | .05 | -.04 | .03 | -.10 | -.13 | 1.0 |  |
| Education | -.03 | -.04 | .06 | -.13 | .08 | -.04 | .01 | -.05 | -.03 | .46 | 1.0 |
| Knowledge | -.02 | -.11 | .15 | -.15 | .002 | -.01 | .09 | .11 | -.21 | .29 | .39 |
| Married | -.01 | -.11 | .09 | -.02 | .02 | .01 | -.02 | -.01 | -.08 | .36 | .12 |
| Military R | .01 | -.009 | .03 | -.05 | -.03 | .01 | .07 | .20 | -.39 | .03 | .01 |
| Military Spouse | .006 | -.02 | .03 | -.03 | -.02 | .01 | .05 | .09 | .26 | .02 | -.04 |
| SDR | -.001 | -.07 | .08 | -.05 | -.02 | .23 | .04 | .01 | -.01 | -.02 | -.01 |
| Registered | -.02 | .005 | .10 | -.18 | -.07 | .02 | .26 | .20 | .02 | .18 | .20 |
| Union | -.004 | .02 | -.01 | .003 | -.01 | -.01 | -.02 | -.04 | -.03 | .09 | .01 |
| Year | .005 | -.01 | -.05 | -.03 | .01 | .01 | .01 | .16 | .02 | .12 | .05 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Knowledge | Married | Military R | Military Spouse | SDR | Registered | Union | Year |
| Knowledge | 1.0 |  |  |  |  |  |  |  |
| Married | .11 | 1.0 |  |  |  |  |  |  |
| Military R | .14 | .06 | 1.0 |  |  |  |  |  |
| Military Spouse | -.04 | .14 | -.18 | 1.0 |  |  |  |  |
| SDR | .02 | .01 | -.01 | -.01 | 1.0 |  |  |  |
| Registered | .21 | .09 | .06 | .04 | .01 | 1.0 |  |  |
| Union | .02 | .06 | .006 | .01 | .02 | .05 | 1.0 |  |
| Year | .01 | .05 | -.001 | .02 | -.01 | .09 | -.01 | 1.0 |

**Note**: Entries pearson correlation coefficients. Same Day Registration signified by SDR.

**Online Appendix C**: 2010 Census and NAES Racial Profile

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | American Indian | African-American | Asian | Caucasian | Hispanic |
|  |  |  |  |  |  |
| 2010 US Census | .9% | 12.6% | 4.8% | 63.7% | 16.3% |
| 2004 & 2008 NAES | 1.2% | 8.3% | 1.3% | 87.0% | 5.2% |
|  |  |  |  |  |  |

**Online Appendix D**

Determinants of Political Knowledge and Voter Registration

|  |  |  |
| --- | --- | --- |
| Independent Variables | Political Knowledge | Registered to Vote |
| American Indian | -.22\*\*  (.038) | -.17\*\*  (.044) |
| Black | -.33\*\*  (.014) | .22\*\*  (.020) |
| Hispanic | -.33\*\*  (.018) | -.11\*\*  (.021) |
| Asian | -.21\*\*  (.035) | -.27\*\*  (.038) |
| Income | .11\*\*  (.003) | .13\*\*  (.004) |
| Education | .35\*\*  (.004) | .25\*\*  (.005) |
| Age | .10\*\*  (.002) | .22\*\*  (.003) |
| Union | .04\*  (.011) | .17\*\*  (.016) |
| Female | -48\*\*  (.009) | .09\*\*  (.012) |
| Married | .005  (.009) | .18\*\*  (.012) |
| Born in U.S. | .23\*\*  (.016) | .98\*\*  (.018) |
| Military Service | .07\*\*  (.012) | .06\*\*  (.017) |
| Spouse Military Service | .002  (.011) | .05\*\*  (.017) |
| Battle Ground | -.04\*\*  (.008) | .04\*\*  (.011) |
| Same Day Registration | .07\*\*  (.014) | -.05\*\*  (.020) |
| 2008 | -.12\*\*  (.008) | .14\*\*  (.012) |
| Constant |  | -1.73  (6.49) |
| N= | 75,798 | 103,130 |
| Pseudo R2= | .10 | .19 |
| LR chi2(6) | 21120.53\*\* | 15644.53\*\* |

**Note**: Ordered probit coefficients are used for the model of political knowledge; probit coefficients are estimated when the dependent variable is self-reported voter registration. Political knowledge is a four-point variable where 0 indicates the respondent could not answer any questions presented by the survey interviewer, and three indicates all questions were correctly answered. Standard errors are in parentheses. \* signifies significant at .05 level (one-tail test), \*\* .01 level (one tail test).

**Online Appendix E:**

Determinants of Voter Registration and Political Knowledge, with Interactions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Independent Variables | Registered | Political Knowledge | Registered | Political Knowledge |
| American Indian | .32  (.324) | -.24  (.325) | -.02  (.106) | -.26\*\*  (.042) |
| Black | .22\*\*  (.020) | -.33\*\*  (.014) | .22\*\*  (.020) | -.33\*\*  (.014) |
| Hispanic | -.11\*\*  (.021) | -.33\*\*  (.018) | -.11\*\*  (.021) | -.33\*\*  (.018) |
| Asian | -.27\*\*  (.038) | -.21\*\*  (.035) | -.27\*\*  (.038) | -.21\*\*  (.035) |
| Income | .13\*\*  (.004) | .10\*\*  (.003) | .13\*\*  (.004) | .10\*\*  (.003) |
| Education | .25\*\*  (.005) | .34\*\*  (.003) | .25\*\*  (.005) | .35\*\*  (.004) |
| Age | .22\*\*  (.003) | .10\*\*  (.002) | .22\*\*  (.004) | .10\*\*  (.002) |
| Union | .17\*\*  (.016) | .04  (.011) | .17\*\*  (.016) | .04\*\*  (.011) |
| Female | .09\*\*  (.012) | -.48\*\*  (.009) | .09\*\*  (.012) | -.48\*\*  (.009) |
| Married | .17\*\*  (.012) | .003  (.008) | .17\*\*  (.011) | .005  (.009) |
| Born in U.S. | .98\*\*  (.018) | .23\*\*  (.016) | .98\*\*  (.018) | .23\*\*  (.017) |
| Military Service | .06\*\*  (.018) | .07\*\*  (.012) | .06\*\*  (.017) | .07\*\*  (.012) |
| Spouse Military Service | .05\*\*  (.017) | .004  (.012) | .05\*\*  (.017) | .002  (.011) |
| Battleground | .04\*\*  (.011) | -.04\*\*  (.008) | .04\*\*  (.011) | -.04  (.008) |
| Same Day Registration | -.05\*\*  (.020) | .07\*\*  (.014) | -.06\*\*  (.020) | .07\*\*  (.014) |
| 2008 | .14  (.012) | -.12\*\*  (.008) | .14\*\*  (.013) | -.12\*\*  (.008) |
| Indian X Income | .02  (.041) | .01  (.032) |  |  |
| Indian X Education | .014  (.04) | -.009  (.036) |  |  |
| Indian X Age | -.10\*\*  (.032) | .01  (.027) | -.11\*\*  (.032) |  |
| Indian X Union | -.03  (.129) | .08  (.112) |  |  |
| Indian X Female | .22\*\*  (.097) | .07  (.086) | .21\*\*  (.094) |  |
| Indian X Married | .08  (.093) | .09  (.080) |  |  |
| Indian X Born US | -.46  (.281) | -.14  (.292) |  |  |
| Indian X Military Service | .26\*\*  (.132) | .19\*  (.108) | .28\*\*  (.129) | .20\*\*  (.094) |
| Indian X Spouse Military Service | -.05  (.129) | -.16  (.108) |  |  |
| LR chi2 | 15664.64\*\* | 20935.72\*\* | 15659.85\*\* | 21125.21\*\* |
| Intercept | -1.73 |  | -1.73  (.030) |  |
| N= | 103,130 | 75,798 | 103,130 | 75,798 |
| Pseudo R2= | .19 | .10 | .19 | .10 |

**Note**: Ordered probit coefficients are used for the model of political knowledge; probit coefficients are estimated when the dependent variable is self-reported voter registration. Standard errors are in parentheses. \* signifies significant at .05 level (one-tail test), \*\* .01 level (one tail test).