**Understanding Ambivalent Sexism and its Relationship with Electoral Choice in Britain**

**Supplementary Material**

**SUPPLEMENTARY MATERIALS – PART A**

**Comparing the Ambivalent Sexism Inventory to other measures of gender attitudes**

The Ambivalent Sexism Inventory (ASI) differs from previous tools used to measure perspectives on gender. One of the ASI’s predecessors – the Attitudes Towards Women Scale (AWS) – was designed to assess opinions about men’s and women’s rights and roles (Spence et al., 1973). Its items include statements such as ‘Women should be concerned with their duties of childbearing and house tending, rather than with desires for professional and business careers’. Another widely used tool – the Sex-Role Egalitarianism Scale (SRES) – seeks to measure sex-role attitudes and judgments of men and women in their role behaviours (Beere et al., 1984). The SRES includes items such as ‘Things work out best in a marriage if a husband stays away from housekeeping tasks.’ The AWS and SRES measure attitudes to women’s and men’s rights and roles, and track historical trends of gender traditionalism and egalitarianism, yet neither tool measures hostility towards women or divides attitudes about women’s roles into subjectively positive and subjectively negative (see Glick and Fiske, 1997). These are important omissions; Glick and Fiske (1997) caution that traditional attitudes about women’s roles do not necessarily correspond with hostility towards women because traditional attitudes are associated with both positive *and* negative evaluations of women. More recently, the Modern Sexism Scale (MSS) has gained traction, including in political science (see Knuckey, 2019; Setzler and Yanus, 2018; Valentino et al., 2018). Seeking to measure the denial of continuing discrimination against women, antagonism towards women’s demands and rejection of policies designed to assist women, the MSS includes items such as ‘Over the past few years, the government and news media have been showing more concern about the treatment of women than is warranted by women's actual experiences’ (Swim et al. 1995, p. 212). The MSS provides a subtle measurement tool that reflects increasingly egalitarian attitudes towards women but, unlike the ASI, does not take account of sexism’s subjectively positive aspects (Glick and Fiske 1996).

Contemporary survey tools used to measure gender attitudes closely resemble the AWS and SRES by primarily tapping gender-traditional versus egalitarian attitudes, and role behaviour. For example, the 2018 British Social Attitudes Survey asks respondents about whether they agree that men and women should fulfil breadwinner and homemaker roles respectively and whether it is wrong for a man to comment on a woman’s appearance on the street. Similarly, wave 6 of the World Values Survey asks respondents whether a woman earning more money than her husband will cause problems and whether a university education is more important for a boy than a girl (Inglehart et al., 2014). While these questions measure acceptance or rejection of traditional gender roles and sexual harassment, they cannot tell us whether respondents hold a subjectively positive view of women or are hostile to them. Additionally, a breakdown in support for traditional breadwinner/homemaker roles does not necessarily preclude sexism. As Glick and Fiske (1999) note, an increase in egalitarian attitudes may be fuelled by economic changes that have required women to become income earners. It is worth observing that the British Social Attitudes survey has seen a breakdown in support for gender roles accelerate since the 2008, the year of the financial crisis (Phillips et al. 2018).

Finally, the ASI’s emphasis on the subtler, or more covert, aspects of sexism is particularly advantageous when understanding political behaviour. Mo (2015) observes that gender attitudes are consequential to electoral processes, but these attitudes are missed when researchers only assess voter’s self-reported and explicit views; her mixed methods study (2015) found that some participants’ outwards acceptance of women in politics – as measured by items such as ‘women are better suited emotionally to be in politics than most men’ – were belied by their latent, and more negative, attitudes towards women leaders, as unearthed by an Implicit Association Test.

Beere, C.A. et al. (1984). The sex-role egalitarianism scale: A measure of attitudes toward equality between the sexes. *Sex Roles*, *10*, 563–576.

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Glick, P. & Fiske, S.T. (1997), Hostile and Benevolent Sexism: Measuring Ambivalent Sexist Attitudes Toward Women. *Psychology of Women Quarterly*, *21*, 119-135.

Glick, P., & Fiske, S. T. (1999). Sexism and other "isms": Independence, status, and the ambivalent content of stereotypes. In Swann, W.B. Jr., Langlois, J.H. & Gilbert, L.A. (Eds.), Sexism and stereotypes in modern society: The gender science of Janet Taylor Spence (pp. 193–221). American Psychological Association.

Inglehart, R., et al. (Eds.). 2014. World Values Survey: Round Six - Country-Pooled Datafile Version: [www.worldvaluessurvey.org/WVSDocumentationWV6.jsp](http://www.worldvaluessurvey.org/WVSDocumentationWV6.jsp) Madrid: JD Systems Institute.

Knuckey (2019). “I just don’t think she has a Presidential Look”: Sexism and Vote Choice in the 2016 Election. *Social Science Quarterly.* 100(1) 342-358

Mo, C.H. (2015). The Consequences of Explicit and Implicit Gender Attitudes and Candidate Quality in the Calculations of Voters. *Political Behavior*, *37*, 357–395.

Phillips, D., et al. (2018), *British Social Attitudes: The 35th Report*. London: The National Centre for Social Research.

Setzler & Yanus (2018). Why did Women Vote for Donald Trump? *PS: Political Science & Politics*, *51*(3), 523-527.

Spence, J.T., Helmreich, R., & Stapp, J. (1973). A short version of the Attitudes toward Women Scale (AWS). *Bulletin of the Psychonomic Society*, *2*, 219–220.

Swim, J. K., et al. (1995). Sexism and racism: Old-fashioned and modern prejudices. Journal of Personality and Social Psychology, 68(2), 199–214.

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**Table A1. BESIP Descriptive statistics (unweighted)**

|  |  |
| --- | --- |
| Variable | Descriptive Statistic |
| Female | Male: 47.97%; Female: 52.93% |
| Age | Mean: 55.74, SD: 15.75 |
| Education level | No qualifications: 7.61%  Below GCSE: 4.49%  GCSE: 22.30%  A-level: 20.34%  Undergraduate: 34.29%  Postgrad: 10.97% |
| Religion | Not religious: 50.90%  Church of England: 27.16%  Religious – other: 21.05%  Prefer not to say: 0.89% |
| Household Income | Under 5,000: 1.85%  5,000-9,999: 4.60%  10,000-14,999: 7.91%  15,000-19,999: 7.36%  20,000-24,999: 7.29%  25,000-29,999: 8.21%  30,000-34,999: 7.74%  35,000-39,999: 6.99%  40,000-44,999: 5.31%  45,000-49,999: 4.00%  50,000-59,999: 5.46%  60,000-69,999: 3.68%  70,000-99,999: 5.14%  100,000-149,999: 1.83%  150,000 and over: 0.71%  DK: 4.26%  Prefer not to say: 20.43% |
| Occupational Class | Employers in large organisations and higher managerial: 3.35%  Higher professional occupations: 13.40%  Lower professional and managerial and higher supervisory: 32.70%  Intermediate occupations: 21.49%  Employers in small organisations and own account workers: 7.67%  Lower supervisory and technical: 6.62%  Semi-routine occupations: 8.54%  Routine occupations: 6.24% |
| Working Status | Working full time (30hr or more): 33.32%  Working part time (8-29 hrs): 12.23%  Working par time (less than 8hr): 1.73%  Unemployed, looking for work: 1.66%  Full time university student: 1.91%  Other full time student: 0.19%  Retired: 37.75%  Not in paid work for other reason: 8.85%  Other: 2.36% |
| Marital Status | Married: 51.74%  Civil partnership: 0.87%  Separated but married: 1.85%  Living with partner, but not married: 11.27%  In a relationship, living apart: 3.89%  Single: 17.23%  Divorced: 7.97%  Widowed: 5.18% |
| EU vote | Remain: 49.99%; Leave: 50.01% |
| 2019 vote | Conservative: 44.72%; Labour: 29.67%; Liberal Democrat: 12.70%; SNP: 4.21%; Plaid Cymru: 0.84%; UKIP: 0.07%; Green Party: 2.79%; Other: 1.01%; Brexit Party: 2.59%; Independent: 0.83%; DK: 0.59% |

**Table A2. BESIP distribution of don’t know responses**

|  |  |
| --- | --- |
|  | **% of DK responses** |
| **Hostile sexism** |  |
| *Most women fail to appreciate fully all that men do for them* | 4.7% |
| *Women seek to gain power by getting control over men* | 5.3% |
| *Most women interpret innocent remarks or acts as being sexist* | 5.76% |
| **Benevolent sexism** |  |
| *Women should be cherished and protected by men* | 3% |
| *Many women have a quality of purity that few men possess* | 9% |
| *A good woman should be set on a pedestal by her man* | 4.1% |

For comparison purposes, on the traditional left-right scale in W19 the % of DK responses was 17.5%, the DK response rate on general election vote is 0.91%, the rate for party ID is 4.2%

**Construction of the values scales in the BESIP**

*Libertarian-Authoritarian scale:* 0 = libertarian; 10 = authoritarian

How much do you agree or disagree with the following statements? Strongly disagree; disagree; neither agree nor disagree; agree; strongly agree; don’t know

Young people today don’t have enough respect for traditional British values

For some crimes, the death penalty is the most appropriate sentence

Schools should teach children to obey authority

Censorship of films and magazines is necessary to uphold moral standards

People who break the law should be given stiffer sentences

*Left-Right scale.* 0 = left; 10 = right

How much do you agree or disagree with the following statements? Strongly disagree; disagree; neither agree nor disagree; agree; strongly agree; don’t know

Government should redistribute income from the better off to those who are less well off

Big business takes advantage of ordinary people

Ordinary working people do not get their fair share of the nation’s wealth

There is one law for the rich and one for the poor

Management will always try to get the better of employees if it gets the chance

**Table A3. OLS Regression Results Predicting Sexism – BESIP**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Hostile sexism** | | | **Benevolent sexism** | | |
|  | **Gender** | **+ Demographics** | **+ Attitudes** | **Gender** | **+ Demographics** | **+ Attitudes** |
| Gender: Female | -0.19\*\*\* | -0.21\*\*\* | -0.23\*\*\* | -0.12\*\*\* | -0.13\*\*\* | -0.14\*\*\* |
|  | (0.01) | (0.02) | (0.02) | (0.01) | (0.01) | (0.01) |
| **Age categories** |  |  |  |  |  |  |
| 25-45 |  | 0.12\*\*\* | 0.05 |  | 0.10\*\* | 0.01 |
|  |  | (0.04) | (0.03) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| 45-65 |  | 0.13\*\*\* | 0.04 |  | 0.07\* | -0.05 |
|  |  | (0.04) | (0.03) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| 65+ |  | 0.13\*\* | 0.05 |  | 0.12\*\* | 0.01 |
|  |  | (0.05) | (0.04) |  | (0.04) | (0.04) |
| **Education**  *Reference: no qualifications* |  |  |  |  |  |  |
| Below GCSE |  | -0.00 | 0.00 |  | -0.00 | 0.01 |
|  |  | (0.04) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| GCSE |  | 0.01 | 0.02 |  | 0.01 | 0.02 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| A-level |  | -0.03 | 0.01 |  | -0.02 | 0.04 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| Undergraduate |  | -0.11\*\*\* | -0.01 |  | -0.12\*\*\* | -0.01 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| Postgrad |  | -0.24\*\*\* | -0.06 |  | -0.24\*\*\* | -0.06 |
|  |  | (0.04) | (0.04) |  | (0.03) | (0.03) |
| **Religiosity**  *Reference: not religious* |  |  |  |  |  |  |
| Religious - CofE |  | 0.07\*\*\* | 0.01 |  | 0.10\*\*\* | 0.05\*\*\* |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
|  |  |  |  |  |  |  |
| Religious - Catholic |  | 0.08\*\* | 0.04 |  | 0.16\*\*\* | 0.11\*\*\* |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
|  |  |  |  |  |  |  |
| Religious - Other |  | 0.11\*\*\* | 0.05\* |  | 0.17\*\*\* | 0.11\*\*\* |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
| **Occupation**  *Reference: higher manager/professional* |  |  |  |  |  |  |
| Intermediate |  | 0.02 | 0.00 |  | 0.03 | 0.01 |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
|  |  |  |  |  |  |  |
| Small empl/own account |  | 0.06 | 0.04 |  | -0.03 | -0.04 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
|  |  |  |  |  |  |  |
| Lower supervisory/technical |  | 0.08\*\* | 0.07\*\* |  | 0.08\*\* | 0.05\* |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
|  |  |  |  |  |  |  |
| Semi-routine/routine |  | 0.05\* | 0.03 |  | 0.10\*\*\* | 0.06\*\* |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
| **Work status**  *Reference: full-time* |  |  |  |  |  |  |
| Part-time |  | 0.04 | 0.06\*\* |  | -0.00 | 0.02 |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
|  |  |  |  |  |  |  |
| Unemployed |  | -0.14\* | -0.08 |  | -0.22\*\*\* | -0.18\*\*\* |
|  |  | (0.06) | (0.05) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Retired |  | 0.01 | 0.00 |  | -0.05 | -0.05 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
|  |  |  |  |  |  |  |
| Not in Paid Work |  | 0.02 | 0.03 |  | -0.03 | -0.03 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
| **Marital status**  *Reference: married* |  |  |  |  |  |  |
| Partner |  | 0.02 | 0.04\* |  | -0.05\*\* | -0.04\* |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
|  |  |  |  |  |  |  |
| Single |  | -0.02 | 0.03 |  | -0.07\*\*\* | -0.03 |
|  |  | (0.02) | (0.02) |  | (0.02) | (0.02) |
|  |  |  |  |  |  |  |
| Divorced |  | 0.05 | 0.07\*\* |  | -0.04 | -0.01 |
|  |  | (0.03) | (0.03) |  | (0.03) | (0.02) |
|  |  |  |  |  |  |  |
| Widowed |  | -0.01 | 0.04 |  | -0.01 | 0.03 |
|  |  | (0.04) | (0.03) |  | (0.03) | (0.03) |
| **Political Attitudes** |  |  |  |  |  |  |
| Left-right scale |  |  | 0.01\*\*\* |  |  | -0.02\*\*\* |
|  |  |  | (0.00) |  |  | (0.00) |
|  |  |  |  |  |  |  |
| Authoritarian/libertarianism scale |  |  | 0.07\*\*\* |  |  | 0.07\*\*\* |
|  |  |  | (0.00) |  |  | (0.00) |
|  |  |  |  |  |  |  |
| Constant | 0.07\*\*\* | -0.05 | -0.51\*\*\* | -0.01 | -0.07 | -0.44\*\*\* |
|  | (0.01) | (0.05) | (0.05) | (0.01) | (0.04) | (0.05) |
| Observations | 3096 | 3096 | 3096 | 3108 | 3108 | 3108 |

Standard errors in parentheses. Excludes respondents with missing values on any of the sociodemographic variables. Data are weighted using the BESIP W19 survey weight.

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001

**Figure A1: Hostile and Benevolent distributions across age groups BESIP (not weighted)**

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**Table A4: Control for Sexuality - BESIP**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | **Hostile Sexism** | **Benevolent Sexism** |
| **Gender: Female** | -0.23\*\*\* | -0.15\*\*\* |
|  | (0.02) | (0.01) |
| **Age**  *Reference 18-25* |  |  |
| 25-45 | 0.04 | -0.00 |
|  | (0.03) | (0.03) |
|  |  |  |
| 45-65 | 0.03 | -0.07\* |
|  | (0.03) | (0.03) |
|  |  |  |
| 65+ | 0.03 | -0.01 |
|  | (0.04) | (0.04) |
| **Education**  *Reference: no qualifications* |  |  |
| Below GCSE | -0.00 | 0.00 |
|  | (0.04) | (0.04) |
|  |  |  |
| GCSE | 0.01 | 0.02 |
|  | (0.03) | (0.03) |
|  |  |  |
| A-level | 0.01 | 0.03 |
|  | (0.03) | (0.03) |
|  |  |  |
| Undergraduate | -0.02 | -0.01 |
|  | (0.03) | (0.03) |
|  |  |  |
| Postgrad | -0.07 | -0.06\* |
|  | (0.04) | (0.03) |
| **Religion**  *Reference: not religious* |  |  |
| Religious - CofE | 0.01 | 0.06\*\*\* |
|  | (0.02) | (0.02) |
|  |  |  |
| Religious - Catholic | 0.03 | 0.11\*\*\* |
|  | (0.03) | (0.02) |
|  |  |  |
| Religious - Other | 0.05\*\* | 0.11\*\*\* |
|  | (0.02) | (0.02) |
| **Occupation**  *Reference: higher manager/professional* |  |  |
| Intermediate | 0.00 | 0.00 |
|  | (0.02) | (0.02) |
|  |  |  |
| Small empl/own account | 0.04 | -0.04 |
|  | (0.03) | (0.02) |
|  |  |  |
| Lower supervisory/technical | 0.06\* | 0.05 |
|  | (0.03) | (0.02) |
|  |  |  |
| Semi-routine/routine | 0.02 | 0.05\*\* |
|  | (0.02) | (0.02) |
| **Work status**  *Reference: full-time* |  |  |
| Part-time | 0.07\*\* | 0.02 |
|  | (0.02) | (0.02) |
|  |  |  |
| Unemployed | -0.09 | -0.18\*\*\* |
|  | (0.05) | (0.05) |
|  |  |  |
| Retired | 0.01 | -0.04 |
|  | (0.03) | (0.02) |
|  |  |  |
| Not in Paid Work | 0.03 | -0.03 |
|  | (0.03) | (0.02) |
| **Marital status**  *Reference: married* |  |  |
| Partner | 0.05\*\* | -0.03 |
|  | (0.02) | (0.02) |
|  |  |  |
| Single | 0.04 | -0.02 |
|  | (0.02) | (0.02) |
|  |  |  |
| Divorced | 0.08\*\* | 0.00 |
|  | (0.03) | (0.02) |
|  |  |  |
| Widowed | 0.04 | 0.04 |
|  | (0.03) | (0.03) |
| **Sexual identity**  *Reference: heterosexual* |  |  |
| LGB+ | -0.09\*\*\* | -0.13\*\*\* |
|  | (0.02) | (0.02) |
|  |  |  |
| Prefer not to say | -0.07 | -0.11\*\* |
|  | (0.04) | (0.04) |
| **Political values** |  |  |
| Left-right scale | 0.01\*\* | -0.02\*\*\* |
|  | (0.00) | (0.00) |
|  |  |  |
| Authoritarian/libertarianism scale | 0.07\*\*\* | 0.07\*\*\* |
|  | (0.00) | (0.00) |
|  |  |  |
| Constant | -0.47\*\*\* | -0.39\*\*\* |
|  | (0.05) | (0.05) |
| Observations | 3096 | 3108 |

Standard errors in parentheses. Data weighted with BESIP W19 weight

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001

**Table A5: EU referendum vote model - BESIP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
|  | **Sexist attitudes only** | **+ Demographics** | **+ Attitudes** |
| **Hostile sexism** | 1.22\*\*\* | 1.11\*\*\* | 0.23 |
|  | (0.14) | (0.15) | (0.18) |
|  |  |  |  |
| **Benevolent sexism** | 1.04\*\*\* | 0.89\*\*\* | 0.34 |
|  | (0.14) | (0.16) | (0.19) |
|  |  |  |  |
| **Gender:** Female |  | 0.22\* | -0.06 |
|  |  | (0.12) | (0.14) |
| **Age**  *Reference: 18-25* |  |  |  |
| 25-45 |  | 0.68 | 0.43 |
|  |  | (0.50) | (0.61) |
|  |  |  |  |
| 45-65 |  | 1.14\* | 0.71 |
|  |  | (0.50) | (0.62) |
|  |  |  |  |
| 65+ |  | 1.08\* | 0.73 |
|  |  | (0.53) | (0.65) |
| **Education**  *Reference: no qualifications* |  |  |  |
| Below GCSE |  | -0.30 | -0.19 |
|  |  | (0.33) | (0.37) |
|  |  |  |  |
| GCSE |  | -0.41 | -0.17 |
|  |  | (0.23) | (0.27) |
|  |  |  |  |
| A-level |  | -0.65\*\* | -0.28 |
|  |  | (0.23) | (0.27) |
|  |  |  |  |
| Undergraduate |  | -0.99\*\*\* | -0.32 |
|  |  | (0.23) | (0.27) |
|  |  |  |  |
| Postgrad |  | -1.15\*\*\* | -0.32 |
|  |  | (0.29) | (0.34) |
| **Religion**  *Reference: not religious* |  |  |  |
| Religious - CofE |  | 0.32\* | -0.10 |
|  |  | (0.13) | (0.15) |
|  |  |  |  |
| Religious - Catholic |  | -0.06 | -0.14 |
|  |  | (0.21) | (0.23) |
|  |  |  |  |
| Religious - Other |  | -0.17 | -0.11 |
|  |  | (0.19) | (0.19) |
| **Occupation**  *Reference: higher manager/professional* |  |  |  |
| Intermediate |  | 0.05 | 0.03 |
|  |  | (0.14) | (0.16) |
|  |  |  |  |
| Small empl/own account |  | 0.37 | 0.36 |
|  |  | (0.22) | (0.25) |
|  |  |  |  |
| Lower supervisory/technical |  | 0.61\*\* | 0.51\* |
|  |  | (0.22) | (0.26) |
|  |  |  |  |
| Semi-routine/routine |  | 0.28 | 0.19 |
|  |  | (0.18) | (0.21) |
| **Work status**  *Reference: full-time* |  |  |  |
| Part-time |  | 0.08 | 0.12 |
|  |  | (0.17) | (0.20) |
|  |  |  |  |
| Unemployed |  | 0.43 | 0.34 |
|  |  | (0.46) | (0.49) |
|  |  |  |  |
| Retired |  | 0.38\* | 0.30 |
|  |  | (0.18) | (0.20) |
|  |  |  |  |
| Not in Paid Work |  | 0.29 | 0.16 |
|  |  | (0.21) | (0.26) |
| **Married**  *Reference: married* |  |  |  |
| Partner |  | -0.02 | 0.16 |
|  |  | (0.16) | (0.18) |
|  |  |  |  |
| Single |  | -0.25 | -0.13 |
|  |  | (0.16) | (0.20) |
|  |  |  |  |
| Divorced |  | 0.09 | 0.16 |
|  |  | (0.19) | (0.23) |
|  |  |  |  |
| Widowed |  | -0.30 | 0.03 |
|  |  | (0.24) | (0.28) |
| **Political Values** |  |  |  |
| Left-right scale |  |  | 0.00 |
|  |  |  | (0.03) |
|  |  |  |  |
| Authoritarian/libertarianism scale |  |  | 0.23\*\*\* |
|  |  |  | (0.04) |
|  |  |  |  |
| Immigration: economic |  |  | -0.20\*\*\* |
|  |  |  | (0.06) |
|  |  |  |  |
| Immigration: cultural |  |  | -0.32\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| English Identity |  |  | 0.22\*\*\* |
|  |  |  | (0.03) |
| **Equality toward Black people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | -0.15 |
|  |  |  | (0.52) |
|  |  |  |  |
| About right |  |  | 0.13 |
|  |  |  | (0.51) |
|  |  |  |  |
| Gone too far |  |  | 0.36 |
|  |  |  | (0.52) |
|  |  |  |  |
| Gone much too far |  |  | 0.45 |
|  |  |  | (0.54) |
| **Equality toward Women**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | -0.22 |
|  |  |  | (0.36) |
|  |  |  |  |
| About right |  |  | -0.19 |
|  |  |  | (0.36) |
|  |  |  |  |
| Gone too far |  |  | -0.36 |
|  |  |  | (0.39) |
|  |  |  |  |
| Gone much too far |  |  | 0.10 |
|  |  |  | (0.49) |
| **Equality toward Gay people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | 0.32 |
|  |  |  | (0.43) |
|  |  |  |  |
| About right |  |  | 0.55 |
|  |  |  | (0.42) |
|  |  |  |  |
| Gone too far |  |  | 0.62 |
|  |  |  | (0.43) |
|  |  |  |  |
| Gone much too far |  |  | 0.37 |
|  |  |  | (0.47) |
|  |  |  |  |
| Constant | 0.26\*\*\* | -0.43 | -1.27 |
|  | (0.05) | (0.56) | (0.82) |
| Observations | 2433 | 2433 | 2433 |

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001Standard errors in parentheses. Analyses are weighted using BESIP survey weight for W19. Dependent variable is voting Leave in the EU referendum. Immigration attitudes measure whether respondents think immigrants are good or bad for the economy and whether they enrich cultural life – higher values reflect more pro-immigrant views.

**Table A6: EU Referendum Vote Intention - BESIP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
|  | **Sexist attitudes only** | **+ Demographics** | **+ Attitudes** |
| **Hostile sexism** | 1.46\*\*\* | 1.39\*\*\* | 0.33\* |
|  | (0.12) | (0.13) | (0.17) |
|  |  |  |  |
| **Benevolent sexism** | 0.62\*\*\* | 0.47\*\*\* | -0.12 |
|  | (0.12) | (0.14) | (0.17) |
|  |  |  |  |
| **Gender:** Female |  | 0.12 | -0.23 |
|  |  | (0.11) | (0.13) |
| **Age**  *Reference: 18-25* |  |  |  |
| 25-45 |  | -0.82\*\* | -0.96\*\* |
|  |  | (0.26) | (0.36) |
|  |  |  |  |
| 45-65 |  | -0.32 | -0.61 |
|  |  | (0.26) | (0.37) |
|  |  |  |  |
| 65+ |  | 0.07 | 0.02 |
|  |  | (0.32) | (0.42) |
| **Education**  *Reference: no qualifications* |  |  |  |
| Below GCSE |  | 0.13 | 0.14 |
|  |  | (0.34) | (0.39) |
|  |  |  |  |
| GCSE |  | -0.47 | -0.45 |
|  |  | (0.24) | (0.29) |
|  |  |  |  |
| A-level |  | -0.60\* | -0.33 |
|  |  | (0.25) | (0.30) |
|  |  |  |  |
| Undergraduate |  | -1.11\*\*\* | -0.54 |
|  |  | (0.25) | (0.30) |
|  |  |  |  |
| Postgrad |  | -1.59\*\*\* | -0.76\* |
|  |  | (0.30) | (0.36) |
| **Religion**  *Reference: not religious* |  |  |  |
| Religious - CofE |  | 0.56\*\*\* | 0.26 |
|  |  | (0.12) | (0.14) |
|  |  |  |  |
| Religious - Catholic |  | 0.17 | 0.33 |
|  |  | (0.20) | (0.24) |
|  |  |  |  |
| Religious - Other |  | -0.29\* | -0.15 |
|  |  | (0.15) | (0.18) |
| **Occupation**  *Reference: higher manager/professional* |  |  |  |
| Intermediate |  | -0.00 | -0.04 |
|  |  | (0.13) | (0.15) |
|  |  |  |  |
| Small empl/own account |  | 0.36 | 0.35 |
|  |  | (0.20) | (0.23) |
|  |  |  |  |
| Lower supervisory/technical |  | 0.41\* | 0.52\* |
|  |  | (0.19) | (0.23) |
|  |  |  |  |
| Semi-routine/routine |  | 0.28 | 0.36 |
|  |  | (0.15) | (0.18) |
| **Work status**  *Reference: full-time* |  |  |  |
| Part-time |  | 0.26 | 0.34 |
|  |  | (0.15) | (0.18) |
|  |  |  |  |
| Unemployed |  | -0.19 | 0.03 |
|  |  | (0.44) | (0.52) |
|  |  |  |  |
| Retired |  | 0.14 | 0.01 |
|  |  | (0.19) | (0.22) |
|  |  |  |  |
| Not in Paid Work |  | 0.17 | 0.10 |
|  |  | (0.18) | (0.23) |
| **Married**  *Reference: married* |  |  |  |
| Partner |  | -0.21 | -0.12 |
|  |  | (0.14) | (0.16) |
|  |  |  |  |
| Single |  | -0.11 | 0.10 |
|  |  | (0.14) | (0.17) |
|  |  |  |  |
| Divorced |  | 0.12 | 0.16 |
|  |  | (0.20) | (0.23) |
|  |  |  |  |
| Widowed |  | -0.61\* | -0.42 |
|  |  | (0.25) | (0.29) |
| **Political Values** |  |  |  |
| Left-right scale |  |  | 0.16\*\*\* |
|  |  |  | (0.03) |
|  |  |  |  |
| Authoritarian/libertarianism scale |  |  | 0.25\*\*\* |
|  |  |  | (0.04) |
|  |  |  |  |
| Immigration: economic |  |  | -0.23\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| Immigration: cultural |  |  | -0.29\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| English Identity |  |  | 0.24\*\*\* |
|  |  |  | (0.03) |
| **Equality toward Black people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | -0.48 |
|  |  |  | (0.43) |
|  |  |  |  |
| About right |  |  | -0.43 |
|  |  |  | (0.43) |
|  |  |  |  |
| Gone too far |  |  | 0.10 |
|  |  |  | (0.44) |
|  |  |  |  |
| Gone much too far |  |  | 0.30 |
|  |  |  | (0.48) |
| **Equality toward Women**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | 0.16 |
|  |  |  | (0.34) |
|  |  |  |  |
| About right |  |  | 0.48 |
|  |  |  | (0.34) |
|  |  |  |  |
| Gone too far |  |  | 0.31 |
|  |  |  | (0.37) |
|  |  |  |  |
| Gone much too far |  |  | 0.54 |
|  |  |  | (0.44) |
| **Equality toward Gay people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | 0.19 |
|  |  |  | (0.45) |
|  |  |  |  |
| About right |  |  | 0.05 |
|  |  |  | (0.46) |
|  |  |  |  |
| Gone too far |  |  | 0.16 |
|  |  |  | (0.47) |
|  |  |  |  |
| Gone much too far |  |  | -0.24 |
|  |  |  | (0.50) |
|  |  |  |  |
| Constant | 0.14\*\* | 0.95\*\* | -0.55 |
|  | (0.05) | (0.36) | (0.68) |
| Observations | 2464 | 2464 | 2464 |

Standard errors in parentheses

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001

**Table A7: Multinomial Logistic Regression models predicting 2019 vote choice (Labour versus Conservative baseline) - BESIP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
| *Labour Party vote vs. Conservative Party vote (baseline)* | **Sexism only** | **+ Demographics** | **+ Attitudes and EU referendum vote** |
| Labour |  |  |  |
| **Hostile sexism** | -1.64\*\*\* | -1.56\*\*\* | -0.61\*\* |
|  | (0.15) | (0.16) | (0.23) |
|  |  |  |  |
| **Benevolent sexism** | -0.76\*\*\* | -0.51\*\* | 0.06 |
|  | (0.15) | (0.17) | (0.24) |
|  |  |  |  |
| **Gender:** Female |  | -0.35\*\* | -0.09 |
|  |  | (0.14) | (0.18) |
| **Age**  *Reference: 18-25* |  |  |  |
| 25-45 |  | -0.69 | -1.22 |
|  |  | (0.48) | (0.74) |
|  |  |  |  |
| 45-65 |  | -1.49\*\* | -1.91\* |
|  |  | (0.49) | (0.75) |
|  |  |  |  |
| 65+ |  | -1.80\*\*\* | -2.41\*\* |
|  |  | (0.54) | (0.80) |
| **Education**  *Reference: no qualifications* |  |  |  |
| Below GCSE |  | -0.08 | -0.07 |
|  |  | (0.41) | (0.49) |
|  |  |  |  |
| GCSE |  | -0.26 | -0.25 |
|  |  | (0.29) | (0.36) |
|  |  |  |  |
| A-level |  | -0.01 | -0.09 |
|  |  | (0.30) | (0.37) |
|  |  |  |  |
| Undergraduate |  | 0.40 | 0.06 |
|  |  | (0.30) | (0.38) |
|  |  |  |  |
| Postgrad |  | 0.66 | 0.09 |
|  |  | (0.35) | (0.46) |
| **Religion**  *Reference: not religious* |  |  |  |
| Religious - CofE |  | -0.83\*\*\* | -0.43\* |
|  |  | (0.15) | (0.20) |
|  |  |  |  |
| Religious - Catholic |  | -0.09 | 0.12 |
|  |  | (0.23) | (0.30) |
|  |  |  |  |
| Religious - Other |  | -0.02 | -0.03 |
|  |  | (0.20) | (0.26) |
| **Occupation**  *Reference: higher manager/professional* |  |  |  |
| Intermediate |  | 0.21 | 0.29 |
|  |  | (0.16) | (0.21) |
|  |  |  |  |
| Small empl/own account |  | -1.06\*\*\* | -1.08\*\* |
|  |  | (0.29) | (0.37) |
|  |  |  |  |
| Lower supervisory/technical |  | -0.10 | 0.07 |
|  |  | (0.24) | (0.31) |
|  |  |  |  |
| Semi-routine/routine |  | 0.08 | 0.12 |
|  |  | (0.20) | (0.25) |
| **Work status**  *Reference: full-time* |  |  |  |
| Part-time |  | 0.03 | 0.12 |
|  |  | (0.19) | (0.24) |
|  |  |  |  |
| Unemployed |  | 0.61 | 0.40 |
|  |  | (0.54) | (0.64) |
|  |  |  |  |
| Retired |  | -0.11 | 0.14 |
|  |  | (0.23) | (0.29) |
|  |  |  |  |
| Not in Paid Work |  | 0.63\*\* | 0.64\* |
|  |  | (0.23) | (0.30) |
| **Married**  *Reference: married* |  |  |  |
| Partner |  | 0.20 | -0.07 |
|  |  | (0.17) | (0.22) |
|  |  |  |  |
| Single |  | 0.23 | -0.17 |
|  |  | (0.17) | (0.23) |
|  |  |  |  |
| Divorced |  | 0.07 | -0.08 |
|  |  | (0.24) | (0.31) |
|  |  |  |  |
| Widowed |  | 0.09 | -0.17 |
|  |  | (0.33) | (0.40) |
| **Political Values** |  |  |  |
| Left-right scale |  |  | -0.70\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| Authoritarian/libertarianism scale |  |  | -0.29\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| **EU referendum vote:** Leave |  |  | -1.78\*\*\* |
|  |  |  | (0.18) |
| **Immigration Attitudes** |  |  |  |
| Immigration: economic |  |  | 0.02 |
|  |  |  | (0.07) |
|  |  |  |  |
| Immigration: cultural |  |  | 0.22\*\* |
|  |  |  | (0.07) |
| **Nationalism** |  |  |  |
| English Identity |  |  | -0.11\* |
|  |  |  | (0.04) |
| **Equality toward Black people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | 0.91 |
|  |  |  | (0.55) |
|  |  |  |  |
| About right |  |  | 0.81 |
|  |  |  | (0.54) |
|  |  |  |  |
| Gone too far |  |  | 0.95 |
|  |  |  | (0.57) |
|  |  |  |  |
| Gone much too far |  |  | 0.62 |
|  |  |  | (0.63) |
| **Equality toward Women**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | 0.51 |
|  |  |  | (0.43) |
|  |  |  |  |
| About right |  |  | -0.00 |
|  |  |  | (0.43) |
|  |  |  |  |
| Gone too far |  |  | -0.07 |
|  |  |  | (0.49) |
|  |  |  |  |
| Gone much too far |  |  | -0.31 |
|  |  |  | (0.61) |
| **Equality toward Gay people**  *Reference: not gone nearly far enough* |  |  |  |
| Not gone far enough |  |  | -0.52 |
|  |  |  | (0.57) |
|  |  |  |  |
| About right |  |  | -0.80 |
|  |  |  | (0.56) |
|  |  |  |  |
| Gone too far |  |  | -1.03 |
|  |  |  | (0.58) |
|  |  |  |  |
| Gone much too far |  |  | -1.02 |
|  |  |  | (0.62) |
|  |  |  |  |
| Constant | -0.63\*\*\* | 0.88 | 5.96\*\*\* |
|  | (0.06) | (0.57) | (1.08) |
| Observations | 2295 | 2295 | 2295 |

Standard errors in parentheses. Data are weighted using BESIP W19 survey weights.

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001

**SUPPLEMENTARY MATERIALS - PART B:**

**EPOP Survey**

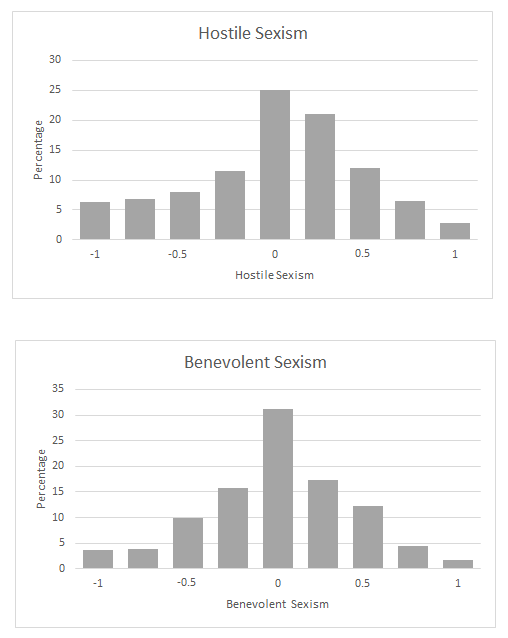
**Table B1: EPOP descriptive statistics (unweighted)**

|  |  |
| --- | --- |
| Variable | Descriptive statistic |
| Female | Male: 44.6%; Female: 55.4% |
| Age | Mean: 48.4 |
| Education | Below GCSE: 18.9%; GCSE or equivalent: 13.7%; A-level or equivalent: 16.1%; Further education: 8.7%; Higher education: 30%; Other: 12.7% |
| Occupational class | Professional or higher technical: 20.5%; Manager or Senior Administrator: 14%; Clerical: 24.5%; Sales or Services: 9.7%; Foreman/Skilled manual: 7.8%; Semi-skilled and unskilled: 10.6%; Other/never worked: 13% |
| Working status | Working full time: 41.5%; Working part-time (8-29 hours per week): 13.7%; Working part-time (less than 8 hours per week): 2%; Full-time student: 4.7%; Retired: 25%; Unemployed: 3.7%; Not working: 6.9%; Other: 2.4% |
| Marital status | Married: 47%; Living as married: 13.7%; Separated: 1.2%; Divorced: 6.2%; Widowed: 3.8%; Never married: 27.5%; Civil partnership: 0.6% |
| EU Vote | Remain: 45.5%; Leave: 38.3%; Did not vote: 14.3%; Can’t remember: 2% |
| 2019 Vote | Conservative: 36.4%; Labour: 26.1%; Lib Dem: 11.7%; SNP: 3%; Plaid Cymru: 0.6%; Brexit Party: 1.7%; Green: 3.2%; Other: 1.7%; Don’t know/did note vote: 15.6%; missing: 21.2% |

**Hostile and Benevolent Sexism Scales in the EPOP Survey**

In the EPOP survey, the two hostile sexism items also show a high level of internal consistency with a Cronbach’s alpha of 0.71, but the two benevolent items perform less strongly, with a Cronbach’s alpha of 0.52. The Cronbach’s alpha of these two items in BESIP is also 0.52, thereby suggesting that the lower coherence between these two items (cherished and purity) is not merely a feature of the EPOP survey. The correlation between the separate hostile and benevolent sexism scales is 0.31 in the EPOP survey.The combined ambivalent sexism scale has a Cronbach’s alpha of 0.64, which is lower than the 0.83 in BESIP, but still reflects a moderate to high level of consistency across question items.

**Figure B1: Distribution Hostile and Benevolent Sexism EPOP survey**



*N = 1,611 Data are weighted*

In Figure B1 we see that the hostile sexism in the EPOP survey is slightly right-skewed, toward the sexist end of the scale, whereas the benevolent sexism distribution appears more normally distributed. The proportion of respondents in the mid-point is 25% for the hostile scale and 30% for the benevolent scale. We find 35% of respondents at the sexist end of the benevolent scale and 42% of respondents on the hostile end of the scale.

**Table B2: Intersection hostile and benevolent sexist attitudes in UK - EPOP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | ***Hostile sexism*** | | |
| ***Benevolent sexism*** | **Not sexist** | **Neutral** | **Sexist** |
| **Not sexist** | 17% | 6% | 10% |
| **Neutral** | 8% | 10% | 14% |
| **Sexist** | 8% | 9% | 19% |

*N = 1,611 Data are weighted. Percentages are rounded and therefore do not sum to 100*

**Table B3: Sexist attitudes by gender and political grouping – EPOP**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | **Hostile Sexism** | **Benevolent Sexism** |
| Women vs. Men | -0.15\*\*\* | -0.01 |
|  | (0.02) | (0.02) |
|  |  |  |
| Conservative vs. Labour | 0.43\*\*\* | 0.15\*\*\* |
|  | (0.03) | (0.03) |
|  |  |  |
| Leave vs. Remain | 0.33\*\*\* | 0.14\*\*\* |
|  | (0.03) | (0.02) |
|  |  |  |

*NB; \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. Estimates are obtained using bivariate OLS regression models with survey weights. Coefficients represent the difference in means between the various groups (men/women; conservative/labour and leave/remain). Standard errors are in parentheses.*

**Table B4: Predicting Sexism – EPOP**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Hostile Sexism | | | Benevolent Sexism | | |
|  | **Gender** | **+ Demographics** | **+ Past vote 2017** | **Gender** | **+ Demographics** | **+ Past vote 2017** |
| **Gender:** Female | -0.17\*\*\* | -0.18\*\*\* | -0.16\*\*\* | -0.03 | -0.03 | -0.03 |
|  | (0.03) | (0.03) | (0.03) | (0.02) | (0.03) | (0.03) |
| **Age groups:**  *Reference 18-25* |  |  |  |  |  |  |
| 25-45 |  | 0.10 | 0.09 |  | 0.03 | 0.03 |
|  |  | (0.07) | (0.06) |  | (0.06) | (0.06) |
|  |  |  |  |  |  |  |
| 45-65 |  | 0.21\*\* | 0.17\* |  | 0.10 | 0.09 |
|  |  | (0.07) | (0.07) |  | (0.06) | (0.06) |
|  |  |  |  |  |  |  |
| 65+ |  | 0.27\*\* | 0.21\*\* |  | 0.21\*\* | 0.20\*\* |
|  |  | (0.08) | (0.08) |  | (0.07) | (0.07) |
| **Education**  *Reference: no qualifications* |  |  |  |  |  |  |
| GCSE or equivalent |  | 0.01 | -0.02 |  | -0.02 | -0.03 |
|  |  | (0.05) | (0.05) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| A-level or equivalent |  | -0.06 | -0.08 |  | -0.09\* | -0.10\* |
|  |  | (0.05) | (0.05) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Further education |  | -0.10 | -0.10 |  | -0.17\*\* | -0.17\*\* |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Higher education |  | -0.19\*\*\* | -0.17\*\*\* |  | -0.17\*\*\* | -0.16\*\*\* |
|  |  | (0.05) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Other |  | -0.14\*\* | -0.13\*\* |  | -0.18\*\*\* | -0.18\*\*\* |
|  |  | (0.05) | (0.05) |  | (0.05) | (0.05) |
| **Occupation type**  *Reference: professional or higher technical* |  |  |  |  |  |  |
| Manager or Senior Administrator |  | -0.00 | -0.01 |  | 0.03 | 0.02 |
|  |  | (0.05) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Clerical |  | 0.07 | 0.06 |  | 0.04 | 0.03 |
|  |  | (0.04) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Sales or Services |  | 0.08 | 0.10 |  | 0.03 | 0.04 |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Foreman/Skilled manual |  | 0.08 | 0.08 |  | 0.10 | 0.10 |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Semi-skilled or unskilled |  | 0.14\* | 0.14\* |  | 0.06 | 0.06 |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Other/never worked |  | 0.07 | 0.07 |  | 0.01 | 0.01 |
|  |  | (0.05) | (0.05) |  | (0.05) | (0.05) |
| **Work status**  *Reference: full-time* |  |  |  |  |  |  |
| Working part time (8-29 hours a week) |  | -0.04 | -0.04 |  | 0.00 | 0.00 |
|  |  | (0.04) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Working part time (Less than 8 hours a week) |  | -0.06 | -0.06 |  | -0.02 | -0.02 |
|  |  | (0.09) | (0.09) |  | (0.08) | (0.08) |
|  |  |  |  |  |  |  |
| Full time student |  | -0.18 | -0.14 |  | -0.14 | -0.13 |
|  |  | (0.10) | (0.09) |  | (0.08) | (0.08) |
|  |  |  |  |  |  |  |
| Retired |  | 0.10\* | 0.07 |  | -0.06 | -0.07 |
|  |  | (0.05) | (0.05) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Unemployed |  | 0.16 | 0.18\* |  | 0.07 | 0.07 |
|  |  | (0.09) | (0.09) |  | (0.08) | (0.08) |
|  |  |  |  |  |  |  |
| Not working |  | 0.04 | 0.07 |  | 0.05 | 0.05 |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Other |  | 0.05 | 0.11 |  | -0.02 | -0.00 |
|  |  | (0.10) | (0.10) |  | (0.09) | (0.09) |
| **Marital status**  *Reference: married* |  |  |  |  |  |  |
| Living as married |  | -0.09\* | -0.08 |  | -0.04 | -0.03 |
|  |  | (0.04) | (0.04) |  | (0.04) | (0.04) |
|  |  |  |  |  |  |  |
| Separated (after being married) |  | -0.03 | -0.04 |  | -0.14 | -0.14 |
|  |  | (0.13) | (0.12) |  | (0.11) | (0.11) |
|  |  |  |  |  |  |  |
| Divorced |  | -0.07 | -0.06 |  | -0.01 | -0.01 |
|  |  | (0.06) | (0.06) |  | (0.05) | (0.05) |
|  |  |  |  |  |  |  |
| Widowed |  | 0.13 | 0.12 |  | 0.10 | 0.09 |
|  |  | (0.08) | (0.07) |  | (0.07) | (0.07) |
|  |  |  |  |  |  |  |
| Never married |  | -0.04 | -0.00 |  | 0.03 | 0.04 |
|  |  | (0.04) | (0.04) |  | (0.03) | (0.03) |
|  |  |  |  |  |  |  |
| Civil Partnership |  | -0.36 | -0.33 |  | -0.39\* | -0.38\* |
|  |  | (0.22) | (0.21) |  | (0.19) | (0.19) |
| **Past vote: 2017 election**  *Reference: Conservative* |  |  |  |  |  |  |
| Labour |  |  | -0.30\*\*\* |  |  | -0.09\*\* |
|  |  |  | (0.03) |  |  | (0.03) |
|  |  |  |  |  |  |  |
| LibDem |  |  | -0.35\*\*\* |  |  | -0.13\*\* |
|  |  |  | (0.05) |  |  | (0.05) |
|  |  |  |  |  |  |  |
| SNP or Plaid |  |  | -0.23\*\* |  |  | -0.08 |
|  |  |  | (0.07) |  |  | (0.07) |
|  |  |  |  |  |  |  |
| UKIP |  |  | -0.09 |  |  | -0.03 |
|  |  |  | (0.09) |  |  | (0.08) |
|  |  |  |  |  |  |  |
| Green |  |  | -0.28\*\* |  |  | -0.04 |
|  |  |  | (0.10) |  |  | (0.09) |
|  |  |  |  |  |  |  |
| Constant | 0.08\*\*\* | -0.04 | 0.14 | -0.01 | -0.02 | 0.04 |
|  | (0.02) | (0.09) | (0.09) | (0.02) | (0.08) | (0.08) |
| Observations | 1162 | 1162 | 1162 | 1162 | 1162 | 1162 |

Standard errors in parentheses

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001

**Figure B2: Hostile and Benevolent Sexism by Age groups – EPOP**

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**Table B5: EU Referendum Vote EPOP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
|  | **Sexist Attitudes Only** | **+ Demographics** | **+ 2015 GE Vote** |
| **Hostile sexism** | 0.34\*\*\* | 0.27\*\*\* | 0.15\*\*\* |
|  | (0.04) | (0.04) | (0.04) |
|  |  |  |  |
| **Benevolent sexism** | 0.13\*\* | 0.10\* | 0.08\* |
|  | (0.04) | (0.04) | (0.04) |
|  |  |  |  |
| **Gender:** Female |  | 0.02 | 0.03 |
|  |  | (0.04) | (0.03) |
| **Age group**  *Reference: 18-25* |  |  |  |
| 25-45 |  | 0.03 | 0.03 |
|  |  | (0.15) | (0.14) |
|  |  |  |  |
| 45-65 |  | 0.11 | 0.12 |
|  |  | (0.15) | (0.14) |
|  |  |  |  |
| 65+ |  | 0.13 | 0.14 |
|  |  | (0.16) | (0.15) |
| **Education**  *Reference: no qaulifications* |  |  |  |
| GCSE or equivalent |  | -0.00 | -0.02 |
|  |  | (0.06) | (0.05) |
|  |  |  |  |
| A-level or equivalent |  | -0.08 | -0.07 |
|  |  | (0.06) | (0.06) |
|  |  |  |  |
| Further education |  | -0.06 | -0.04 |
|  |  | (0.07) | (0.07) |
|  |  |  |  |
| Higher education |  | -0.14\* | -0.09 |
|  |  | (0.06) | (0.05) |
|  |  |  |  |
| Other |  | -0.10 | -0.10 |
|  |  | (0.06) | (0.06) |
| **Occupation type**  *Reference: professional or higher technical* |  |  |  |
| Manager or Senior Administrator |  | 0.03 | 0.05 |
|  |  | (0.06) | (0.05) |
|  |  |  |  |
| Clerical |  | -0.01 | 0.01 |
|  |  | (0.05) | (0.05) |
|  |  |  |  |
| Sales or Services |  | -0.03 | -0.00 |
|  |  | (0.07) | (0.07) |
|  |  |  |  |
| Foreman/Skilled manual |  | 0.10 | 0.16\* |
|  |  | (0.08) | (0.07) |
|  |  |  |  |
| Semi-skilled or unskilled |  | 0.10 | 0.14\* |
|  |  | (0.07) | (0.07) |
|  |  |  |  |
| Other/never worked |  | 0.10 | 0.13\* |
|  |  | (0.07) | (0.06) |
| **Work status**  *Reference: full-time* |  |  |  |
| Working part time (8-29 hours a week) |  | 0.04 | 0.03 |
|  |  | (0.05) | (0.05) |
|  |  |  |  |
| Working part time (Less than 8 hours a week) |  | -0.02 | -0.07 |
|  |  | (0.12) | (0.11) |
|  |  |  |  |
| Full time student |  | -0.18 | -0.15 |
|  |  | (0.23) | (0.21) |
|  |  |  |  |
| Retired |  | 0.04 | 0.00 |
|  |  | (0.06) | (0.05) |
|  |  |  |  |
| Unemployed |  | 0.05 | 0.04 |
|  |  | (0.12) | (0.11) |
|  |  |  |  |
| Not working |  | -0.02 | -0.00 |
|  |  | (0.07) | (0.07) |
|  |  |  |  |
| Other |  | -0.08 | -0.14 |
|  |  | (0.13) | (0.12) |
| **Marital status**  *Reference: married* |  |  |  |
| Living as married |  | 0.04 | 0.06 |
|  |  | (0.06) | (0.05) |
|  |  |  |  |
| Separated (after being married) |  | 0.02 | -0.06 |
|  |  | (0.15) | (0.14) |
|  |  |  |  |
| Divorced |  | 0.05 | 0.07 |
|  |  | (0.07) | (0.06) |
|  |  |  |  |
| Widowed |  | -0.02 | -0.03 |
|  |  | (0.08) | (0.07) |
|  |  |  |  |
| Never married |  | -0.11\* | -0.06 |
|  |  | (0.05) | (0.04) |
|  |  |  |  |
| Civil Partnership |  | -0.45 | -0.24 |
|  |  | (0.37) | (0.34) |
| **Vote choice 2015 GE**  *Reference: Conservative* |  |  |  |
| Labour |  |  | -0.33\*\*\* |
|  |  |  | (0.04) |
|  |  |  |  |
| LibDem |  |  | -0.23\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| SNP or Plaid |  |  | -0.49\*\*\* |
|  |  |  | (0.08) |
|  |  |  |  |
| UKIP or BNP |  |  | 0.24\*\*\* |
|  |  |  | (0.05) |
|  |  |  |  |
| Green |  |  | -0.27\*\*\* |
|  |  |  | (0.08) |
|  |  |  |  |
| Constant | 0.51\*\*\* | 0.44\*\* | 0.53\*\*\* |
|  | (0.02) | (0.16) | (0.15) |
| Observations | 789 | 789 | 789 |

*Standard errors in parentheses. Data are weighted using EPOP provided survey weight*

*\* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001*

**Table B6: Logistic Regression Model Conservative Party Vote 2019 – EPOP**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
|  | **Sexist Attitudes Only** | **+ Demographics** | **+ EU referendum Vote** |
| **Hostile sexism** | 1.63\*\*\* | 1.49\*\*\* | 1.23\*\*\* |
|  | (0.17) | (0.19) | (0.22) |
|  |  |  |  |
| **Benevolent sexism** | 0.28 | 0.18 | 0.04 |
|  | (0.19) | (0.20) | (0.23) |
|  |  |  |  |
| **Gender:** Female |  | 0.03 | 0.05 |
|  |  | (0.16) | (0.20) |
| **Age group**  *Reference: 18-25* |  |  |  |
| 25-45 |  | -1.15\* | -0.83 |
|  |  | (0.48) | (0.56) |
|  |  |  |  |
| 45-65 |  | -0.69 | -0.54 |
|  |  | (0.49) | (0.57) |
|  |  |  |  |
| 65+ |  | -0.66 | -0.48 |
|  |  | (0.53) | (0.63) |
| **Education**  *Reference: no qaulifications* |  |  |  |
| GCSE or equivalent |  | 0.29 | 0.59 |
|  |  | (0.28) | (0.33) |
|  |  |  |  |
| A-level or equivalent |  | -0.26 | 0.06 |
|  |  | (0.29) | (0.34) |
|  |  |  |  |
| Further education |  | -0.33 | -0.04 |
|  |  | (0.34) | (0.40) |
|  |  |  |  |
| Higher education |  | -0.68\*\* | -0.25 |
|  |  | (0.25) | (0.30) |
|  |  |  |  |
| Other |  | -0.35 | -0.01 |
|  |  | (0.29) | (0.34) |
| **Occupation type**  *Reference: professional or higher technical* |  |  |  |
| Manager or Senior Administrator |  | 0.06 | 0.05 |
|  |  | (0.26) | (0.31) |
|  |  |  |  |
| Clerical |  | -0.38 | -0.53 |
|  |  | (0.24) | (0.29) |
|  |  |  |  |
| Sales or Services |  | -0.42 | -0.70 |
|  |  | (0.34) | (0.41) |
|  |  |  |  |
| Foreman/Skilled manual |  | -0.59 | -1.27\*\* |
|  |  | (0.34) | (0.40) |
|  |  |  |  |
| Semi-skilled or unskilled |  | -0.05 | -0.57 |
|  |  | (0.35) | (0.41) |
|  |  |  |  |
| Other/never worked |  | -0.58 | -1.05\*\* |
|  |  | (0.31) | (0.37) |
| **Work status**  *Reference: full-time* |  |  |  |
| Working part time (8-29 hours a week) |  | -0.02 | -0.09 |
|  |  | (0.24) | (0.29) |
|  |  |  |  |
| Working part time (Less than 8 hours a week) |  | 0.61 | 0.91 |
|  |  | (0.49) | (0.63) |
|  |  |  |  |
| Full time student |  | -0.03 | 0.61 |
|  |  | (0.68) | (0.78) |
|  |  |  |  |
| Retired |  | 0.27 | 0.19 |
|  |  | (0.26) | (0.31) |
|  |  |  |  |
| Unemployed |  | -0.55 | -0.81 |
|  |  | (0.52) | (0.61) |
|  |  |  |  |
| Not working |  | 0.10 | -0.02 |
|  |  | (0.35) | (0.43) |
|  |  |  |  |
| Other |  | -1.28 | -1.63 |
|  |  | (0.75) | (0.84) |
| **Marital status**  *Reference: married* |  |  |  |
| Living as married |  | 0.09 | 0.10 |
|  |  | (0.25) | (0.30) |
|  |  |  |  |
| Separated (after being married) |  | 0.28 | -0.29 |
|  |  | (0.69) | (0.81) |
|  |  |  |  |
| Divorced |  | -0.39 | -0.53 |
|  |  | (0.32) | (0.39) |
|  |  |  |  |
| Widowed |  | 0.07 | -0.15 |
|  |  | (0.40) | (0.48) |
|  |  |  |  |
| Never married |  | -0.71\*\* | -0.60\* |
|  |  | (0.23) | (0.28) |
|  |  |  |  |
| Civil Partnership |  | -0.45 | -0.16 |
|  |  | (1.36) | (1.47) |
| **EU referendum vote** |  |  |  |
| Leave |  |  | 2.75\*\*\* |
|  |  |  | (0.20) |
|  |  |  |  |
| Constant | -0.16\* | 1.20\* | -0.53 |
|  | (0.07) | (0.55) | (0.65) |
| Observations | 939 | 939 | 939 |

Standard errors in parentheses. Coefficients are log-odds. Model is a logistic regression model with 0 = Other parties; 1 = Conservative party.

\* *p* < 0.05, \*\* *p* < 0.01, \*\*\* *p* < 0.001