Supplemental Appendix for Race, Dehumanization, and the NFL Anthem Protests

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Appendix A. Question Text

**Attitudes towards Protest**

Protest Support - I support NFL players protesting police brutality by kneeling or raising a fist during the national anthem.

Punish Protest - The NFL should punish players who refuse to stand for the national anthem.

Disrespect Military - NFL players who protest the national anthem are disrespecting the American military.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree |  |  |  |  |  | Strongly Agree |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |

Appendix B. Supplemental Analyses

**Table B1.** *Dehumanization and Attitudes towards Anthem Protests – Study 1*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | **0.091(0.146)** | **0.147(0.154)** | **0.105(0.158)** |
| **Dak Prescott** | **0.241\*\*(0.145)** | **-0.150(0.153)** | **-0.136(0.157)** |
| **Dehumanization x Dak Prescott** | **-0.350\*\*(0.204)** | **0.190(0.214)** | **0.208(0.220)** |
| Republican | -0.320\*\*\*(0.029) | 0.337\*\*\*(0.030) | 0.387\*\*\*(0.031) |
| Female | -0.407\*\*\*(0.106) | 0.465\*\*\*(0.111) | 0.551\*\*\*(0.114) |
| Age | -0.026\*\*\*(0.004) | 0.011\*\*\*(0.005) | 0.009\*\*(0.005) |
| Education | 0.015(0.040) | -0.010(0.042) | -0.006(0.044) |
| FT Rating - Kaepernick | 0.039\*\*\*(0.002) | -0.032\*\*\*(0.002) | -0.035\*\*\*(0.002) |
| Cowboys Fan | -0.598\*\*\*(0.204) | 0.622\*\*\*(0.214) | 0.561\*\*\*(0.220) |
| Raiders Fan | 0.506(0.537) | -0.328(0.564) | -0.490(0.580) |
| Constant | 4.246\*\*\*(0.319) | 3.333\*\*\*(0.335) | 3.621\*\*\*(0.344) |
| *N* | 874 | 874 | 874 |
| *R*2 | 0.6033 | 0.5216 | 0.5529 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B2.** *Dehumanization and Attitudes towards Anthem Protests – Study 2*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | **-0.168(0.171)** | **-0.127(0.178)** | **-0.096(0.184)** |
| **Black Player** | **-0.107(0.171)** | **-0.241(0.178)** | **-0.129(0.184)** |
| **Dehumanization x Black Player** | **-0.172(0.241)** | **0.608\*\*(0.251)** | **0.444\*(0.259)** |
| Republican | -0.739\*\*\*(0.028) | 0.584\*\*\*(0.029) | 0.713\*\*\*(0.030) |
| Female | -0.057(0.122) | 0.183(0.127) | 0.277\*\*(0.131) |
| Age | -0.024\*\*\*(0.005) | 0.014\*\*\*(0.005) | 0.015\*\*\*(0.005) |
| Education | 0.100\*\*(0.049) | -0.123\*\*(0.052) | -0.079(0.053) |
| Constant | 6.958\*\*\*(0.353) | 1.644\*\*\*(0.369) | 1.347\*\*\*(0.380) |
| *N* | 758 | 758 | 758 |
| *R*2 | 0.5135 | 0.3764 | 0.4486 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B3.** *Dehumanization and Attitudes towards Anthem Protests – Study 1 (Party Interaction)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | -0.047(0.231) | 0.174(0.243) | 0.242(0.251) |
| **Dak Prescott** | 0.392\*(0.229) | -0.455\*(0.241) | -0.138(0.248) |
| Republican | -0.290\*\*\*(0.051) | 0.292\*\*\*(0.054) | 0.401\*\*\*(0.055) |
| **Dehumanization x Dak Prescott** | -0.090(0.324) | 0.288(0.341) | 0.089(0.351) |
| Dehumanization x Republican | 0.052(0.069) | -0.010(0.072) | -0.052(0.074) |
| Dak Prescott x Republican | -0.058(0.068) | 0.117(0.071) | 0.001(0.074) |
| Dehumanization x Dak Prescott x Republican | -0.093(0.094) | -0.040(0.099) | 0.045(0.102) |
| Female | -0.409\*\*\*(0.106) | 0.473\*\*\*(0.111) | 0.552\*\*\*(0.114) |
| Age | -0.025\*\*\*(0.004) | 0.011\*\*(0.005) | 0.009\*\*(0.005) |
| Education | 0.016(0.040) | -0.011(0.042) | -0.006(0.044) |
| FT Rating - Kaepernick | 0.039\*\*\*(0.002) | -0.032\*\*\*(0.002) | -0.035\*\*\*(0.002) |
| Cowboys Fan | -0.596\*\*\*(0.204) | 0.611\*\*\*(0.215) | 0.571\*\*(0.221) |
| Raiders Fan | 0.415(0.537) | -0.276(0.565) | -0.459(0.582) |
| Constant | 4.163\*\*\*(0.341) | 3.447\*\*\*(0.359) | 3.576\*\*\*(0.369) |
| *N* | 874 | 874 | 874 |
| *R*2 | 0.6061 | 0.5240 | 0.5532 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B4.** *Dehumanization and Attitudes towards Anthem Protests – Study 2 (Party Interaction)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | -0.103(0.260) | 0.466\*\*(0.270) | 0.166(0.279) |
| **Black Player** | -0.055(0.252) | 0.040(0.262) | -0.009(0.271) |
| Republican | -0.733\*\*\*(0.055) | 0.703\*\*\*(0.058) | 0.789\*\*\*(0.060) |
| **Dehumanization x Black Player** | -0.331(0.354) | 0.077(0.368) | 0.438(0.381) |
| Dehumanization x Republican | -0.027(0.078) | -0.238\*\*\*(0.082) | -0.103(0.084) |
| Black Player x Republican | -0.023(0.080) | -0.106(0.083) | -0.039(0.086) |
| Dehumanization x Black Player x Republican | 0.070(0.111) | 0.210\*\*(0.116) | -0.013(0.120) |
| Female | -0.056(0.122) | 0.172\*(0.127) | 0.268\*\*(0.131) |
| Age | -0.024\*\*\*(0.005) | 0.013\*\*\*(0.005) | 0.014\*\*\*(0.005) |
| Education | 0.100\*\*(0.050) | -0.119\*\*(0.052) | -0.073\*(0.053) |
| Constant | 6.948\*\*\*(0.376) | 1.342\*\*\*(0.390) | 1.136\*\*\*(0.404) |
| *N* | 758 | 758 | 758 |
| *R*2 | 0.5138 | 0.3835 | 0.4516 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B5.** *Dehumanization and Attitudes towards Anthem Protests - Dak Prescott (Black respondents)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | **-0.111(0.346)** | **0.042(0.482)** | **-0.047(0.433)** |
| Republican | -0.062(0.101) | 0.204(0.140) | 0.166(0.126) |
| Female | 0.132(0.372) | -0.284(0.518) | -0.442(0.466) |
| Age | -0.006(0.018) | -0.001(0.025) | -0.008(0.022) |
| Education | 0.132(0.166) | -0.027(0.231) | -0.057(0.208) |
| FT Rating - Kaepernick | 0.041\*\*\*(0.006) | -0.033\*\*\*(0.009) | -0.038\*\*\*(0.008) |
| Cowboys Fan | -0.080(0.606) | -0.787(0.845) | -0.622(0.758) |
| Constant | 2.544\*\*(1.146) | 4.657\*\*\*(1.597) | 5.813\*\*\*(1.434) |
| *N* | 56 | 56 | 56 |
| *R*2 | 0.5577 | 0.3400 | 0.4519 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01

**Table B6.** *Dehumanization and Attitudes towards Anthem Protests – Derek Carr (Black respondents)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | **-0.148(0.332)** | **0.385(0.567)** | **0.256(0.540)** |
| Republican | -0.248\*\*(0.096) | 0.230(0.164) | 0.297\*(0.156) |
| Female | -0.651\*(0.325) | 0.105(0.555) | 0.391(0.528) |
| Age | -0.046\*(0.023) | -0.023(0.039) | -0.012(0.037) |
| Education | -0.067(0.130) | 0.536\*\*(0.223) | 0.406\*(0.212) |
| FT Rating - Kaepernick | 0.037\*\*\*(0.006) | -0.025\*\*(0.011) | -0.039\*\*\*(0.010) |
| Cowboys Fan | 1.264(1.273) | 0.379(2.173) | -0.266(2.068) |
| Constant | 5.629\*\*\*(1.022) | 1.529(1.746) | 3.019\*(1.661) |
| *N* | 42 | 42 | 42 |
| *R*2 | 0.6815 | 0.3570 | 0.5068 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01

**Table B7.** *Dehumanization and Attitudes towards Anthem Protests – Study 1 (excludes potential bots)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | 0.023(0.150) | 0.153(0.157) | 0.112(0.162) |
| **Dak Prescott** | 0.246\*\*(0.148) | -0.086(0.155) | -0.095(0.161) |
| **Dehumanization x Dak Prescott** | -0.305\*(0.209) | 0.177(0.218) | 0.215(0.226) |
| Republican | -0.359\*\*\*(0.030) | 0.331\*\*\*(0.031) | 0.372\*\*\*(0.033) |
| Female | -0.438\*\*\*(0.108) | 0.497\*\*\*(0.113) | 0.602\*\*\*(0.117) |
| Age | -0.024\*\*\*(0.004) | 0.015\*\*\*(0.005) | 0.012\*\*\*(0.005) |
| Education | 0.032(0.041) | -0.012(0.043) | -0.015(0.045) |
| FT Rating - Kaepernick | 0.037\*\*\*(0.002) | -0.033\*\*\*(0.002) | -0.036\*\*\*(0.002) |
| Cowboys Fan | -0.548\*\*\*(0.217) | 0.510\*\*(0.226) | 0.576\*\*\*(0.235) |
| Raiders Fan | 0.596(0.532) | -0.259(0.556) | -0.422(0.576) |
| Constant | 4.258\*\*\*(0.326) | 3.141\*\*\*(0.341) | 3.551\*\*\*(0.353) |
| *N* | 819 | 819 | 819 |
| *R*2 | 0.6182 | 0.5346 | 0.5640 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B8.** *Dehumanization and Attitudes towards Anthem Protests – Study 2(excludes potential bots)*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | -0.146(0.174) | -0.175(0.180) | -0.130(0.185) |
| **Black Player** | -0.083(0.173) | -0.247(0.179) | -0.137(0.184) |
| **Dehumanization x Black Player** | -0.216(0.245) | 0.587\*\*(0.254) | 0.397\*(0.261) |
| Republican | -0.751\*\*\*(0.029) | 0.589\*\*\*(0.030) | 0.725\*\*\*(0.030) |
| Female | -0.032(0.124) | 0.197(0.128) | 0.270\*\*(0.132) |
| Age | -0.025\*\*\*(0.005) | 0.015\*\*\*(0.005) | 0.017\*\*\*(0.005) |
| Education | 0.100\*\*(0.050) | -0.145\*\*\*(0.052) | -0.092\*(0.053) |
| Constant | 6.980\*\*\*(0.356) | 1.687\*\*\*(0.369) | 1.297\*\*\*(0.379) |
| *N* | 730 | 730 | 730 |
| *R*2 | 0.5224 | 0.3878 | 0.4651 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B9.** *Dehumanization and Attitudes towards Anthem Protests – Study 1 – FT Kaepernick Interactions*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| Dehumanization | 0.095(0.266) | 0.042(0.280) | 0.167(0.287) |
| Dak Prescott | 0.236(0.263) | -0.103(0.277) | -0.166(0.284) |
| FT Rating - Kaepernick | 0.039\*\*\*(0.003) | -0.033\*\*\*(0.004) | -0.035\*\*\*(0.004) |
| Dehumanization x Dak Prescott | -0.248(0.364) | 0.241(0.383) | 0.122(0.393) |
| Dehumanization x FT Rating - Kaepernick | -0.000(0.004) | 0.002(0.005) | -0.001(0.005) |
| Dak Prescott x FT Rating - Kaepernick | 0.000(0.005) | -0.001(0.005) | 0.001(0.005) |
| Dehumanization x Dak Prescott x FT Rating - Kaepernick | -0.002(0.006) | -0.001(0.007) | 0.002(0.007) |
| Female | -0.409\*\*\*(0.106) | 0.468\*\*\*(0.111) | 0.550\*\*\*(0.114) |
| Age | -0.026\*\*\*(0.004) | 0.011\*\*\*(0.005) | 0.009\*\*(0.005) |
| Education | 0.015(0.040) | -0.010(0.043) | -0.006(0.044) |
| Republican | -0.320\*\*\*(0.029) | 0.336\*\*\*(0.030) | 0.387\*\*\*(0.031) |
| Cowboys Fan | -0.602\*\*\*(0.205) | 0.629\*\*\*(0.216) | 0.559\*\*\*(0.222) |
| Raiders Fan | 0.518(0.538) | -0.323(0.566) | -0.499(0.581) |
| Constant | 4.225\*\*\*(0.346) | 3.353\*\*\*(0.363) | 3.622\*\*\*(0.373) |
| *N* | 874 | 874 | 874 |
| *R*2 | 0.6035 | 0.5219 | 0.5530 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B10.** *Dehumanization and Attitudes towards Anthem Protests – Study 1 - Race Interaction*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| Dehumanization | 0.427\*\*(0.258) | -0.321(0.280) | -0.100(0.287) |
| Dak Prescott | 0.237(0.263) | -0.125(0.285) | -0.025(0.292) |
| White | 0.048(0.218) | -0.207(0.237) | -0.208(0.242) |
| Dehumanization x Dak Prescott | -0.609\*\*(0.353) | 0.397(0.384) | -0.036(0.393) |
| Dehumanization x White | -0.330(0.294) | 0.460\*(0.320) | 0.191(0.328) |
| Dak Prescott x White | 0.009(0.299) | -0.032(0.325) | -0.123(0.332) |
| Dehumanization x Dak Prescott x White | 0.245(0.406) | -0.185(0.441) | 0.264(0.452) |
| Female | -0.408\*\*\*(0.091) | 0.382\*\*\*(0.099) | 0.434\*\*\*(0.102) |
| Age | -0.024\*\*\*(0.004) | 0.011\*\*\*(0.004) | 0.008\*\*(0.004) |
| Education | -0.005(0.035) | 0.020(0.038) | -0.008(0.039) |
| Republican | -0.319\*\*\*(0.025) | 0.328\*\*\*(0.027) | 0.381\*\*\*(0.027) |
| FT Rating - Kaepernick | 0.038\*\*\*(0.002) | -0.031\*\*\*(0.002) | -0.034\*\*\*(0.002) |
| Cowboys Fan | -0.356\*\*(0.169) | 0.359\*\*(0.184) | 0.299\*(0.188) |
| Raiders Fan | 0.568\*\*(0.317) | -0.748\*\*(0.344) | -0.768\*\*(0.352) |
| Constant | 4.269\*\*\*(0.315) | 3.397\*\*\*(0.342) | 3.932\*\*\*(0.350) |
| *N* | 1162 | 1162 | 1162 |
| *R*2 | 0.6002 | 0.4883 | 0.5262 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed

**Table B11.** *Dehumanization and Attitudes towards Anthem Protests – Study 2 – Race Interaction*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Protest Support | Punish Protest | Disrespect Military |
| **Dehumanization** | 0.611\*(0.314) | -0.943\*\*\*(0.318) | -1.113\*\*\*(0.337) |
| **Black Player** | 0.321(0.313) | -0.425(0.317) | -0.710\*\*(0.336) |
| White | 0.394(0.258) | -0.375(0.261) | -0.444(0.277) |
| **Dehumanization x Black Player** | -0.435(0.444) | 0.926\*\*(0.450) | 1.523\*\*\*(0.477) |
| **Dehumanization x White** | -0.778\*\*(0.358) | 0.823\*\*(0.362) | 1.022\*\*\*(0.384) |
| Black Player x White | -0.415(0.358) | 0.190(0.362) | 0.582(0.384) |
| Dehumanization x Black Player x White | 0.252(0.506) | -0.320(0.513) | -1.078\*\*(0.543) |
| Female | 0.034(0.109) | 0.072(0.110) | 0.120(0.116) |
| Age | -0.022\*\*\*(0.004) | 0.011\*\*(0.004) | 0.013\*\*\*(0.005) |
| Education | 0.098\*\*(0.045) | -0.117\*\*(0.045) | -0.090\*(0.048) |
| Republican | -0.699\*\*\*(0.026) | 0.579\*\*\*(0.026) | 0.688\*\*\*(0.028) |
| Constant | 6.339\*\*\*(0.366) | 2.163\*\*\*(0.371) | 2.050\*\*\*(0.393) |
| *N* | 986 | 986 | 986 |
| *R*2 | 0.4681 | 0.3678 | 0.4195 |

Table entries are OLS coefficients with standard errors in parenthesis.

\* p<0.1, \*\* p<0.05, \*\*\* p<0.01, one-tailed









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**Appendix C. Sample Characteristics**

**Table C1. Demographics**

|  |  |  |
| --- | --- | --- |
| Demographic | Study 1 | Study 2 |
| % Female | 37.2% | 47.3% |
| Age (mean) | 36.9 | 40.9 |
| Bachelor’s Degree or Higher | 56.5% | 58.4% |
| Democrats | 50.7% | 59.6% |
| Republicans | 37.7% | 31.1% |
| Independents | 11.6% | 9.4% |
| N | 876 | 759 |

Note: Demographics include white respondents only