**Online Appendix**

**Online Appendix Table 1.** *Female State Level Officials*

|  |  |
| --- | --- |
| Female Governor | Female State Health Director |
| Alabama | Alaska |
| Iowa | Arizona |
| Kansas | California |
| Maine | Colorado |
| Michigan | Connecticut |
| New Mexico | Delaware |
| Oregon | Georgia |
| Rhode Island | Idaho |
| South Dakota | Illinois |
|  | Indiana |
|  | Kentucky |
|  | Massachusetts |
|  | Michigan |
|  | Minnesota |
|  | Montana |
|  | North Dakota |
|  | Nebraska |
|  | New Hampshire |
|  | New Jersey |
|  | New Mexico |
|  | Nevada |
|  | Ohio |
|  | Oregon |
|  | Pennsylvania |
|  | Rhode Island |
|  | South Dakota |
|  | Tennessee |
|  | Wisconsin |
|  | West Virginia |
|  | Wyoming |

**Online Appendix Table 2.** *Summary Statistics*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  | count | mean | sd | min | max |
| Social Distance: 3-6 Hours | 6523 | .3165831 | .0704843 | .1691421 | .5761422 |
| Social Distance: 6-10 Hours | 6523 | .3060274 | .07159 | .1546676 | .5724227 |
| Social Distance: 3-10 Hours | 6523 | .3345247 | .0677989 | .1838908 | .5940012 |
| Stay-at-Home Policy (SHP) | 6523 | .3233175 | .4677786 | 0 | 1 |
| Trump Vote State | 6523 | .458378 | .4983028 | 0 | 1 |
| Lag Cases/Population | 6523 | .0000279 | .0000636 | 0 | .0007176 |
| Female Governor | 6523 | .1874904 | .3903346 | 0 | 1 |
| State Level Gender Resentment | 6523 | .4219364 | .0801536 | .275 | .75 |
| Female Health Director | 6523 | .6251725 | .4841155 | 0 | 1 |
| Republican Governor | 6523 | .5210793 | .4995938 | 0 | 1 |

**Online Appendix Table 3.** *Correlation Matrix*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | SHP | Trump Vote | Female Gov. | Gender Resent. | Cases./Pop. | Rep. Gov. |
| SHP | 1.00 |  |
| Trump Vote | - 0.178 | 1.00 |  |
| Female Gov. | -0.014 | -0.013 | 1.00 |  |
| Gender Resent. | -0.021 | 0.221 | 0.034 | 1.00 |  |
| Cases/Pop. | 0.488 | -0.159 | 0.006 | -0.140 | 1.00 |  |
| Republican Gov. | -0.195 | 0.631 | -0.180 | 0.154 | -0.108 | 1.00 |

**Online Appendix Table 4.** *Effect of Covariates on Social Distancing: 3-10 hours*

|  |  |  |
| --- | --- | --- |
|  | 1 | 2 |
|  | b/se | b/se |
| SHP=1 | 0.090\*\*\* | -0.003 |
|  | (0.003) | (0.018) |
| Trump Vote State=1 | -0.014\* | -0.011 |
|  | (0.007) | (0.008) |
| SHP=1 X Trump Vote State=1 | -0.041\*\*\* | -0.038\*\*\* |
|  | (0.003) | (0.003) |
| Fem. Gov.=1 | 0.008 | -0.004 |
|  | (0.008) | (0.039) |
| SHP=1 X Fem. Gov.=1 | -0.015\*\*\* | 0.052\*\* |
|  | (0.003) | (0.016) |
| Fem. Health Dir.=1 | 0.016\*\* | -0.089\* |
|  | (0.006) | (0.039) |
| SHP=1 X Fem. Health Dir.=1 | 0.013\*\*\* | 0.109\*\*\* |
|  | (0.003) | (0.019) |
| Gender Resent. |  | -0.200\* |
|  |  | (0.082) |
| SHP=1 X Gender Resent. |  | 0.215\*\*\* |
|  |  | (0.042) |
| Fem. Gov.=1 X Gender Resent. |  | 0.036 |
|  |  | (0.090) |
| SHP=1 X Fem. Gov.=1 X Gender Resent. |  | -0.175\*\*\* |
|  |  | (0.040) |
| Fem. Health Dir.=1 X Gender Resent. |  | 0.236\*\* |
|  |  | (0.089) |
| SHP=1 X Fem. Health Dir.=1 X Gender Resent. |  | -0.226\*\*\* |
|  |  | (0.044) |
| Lag Case/Pop. | 147.577\*\*\* | 156.545\*\*\* |
|  | (11.285) | (11.989) |
| Republican Gov. | 0.008 | 0.005 |
|  | (0.007) | (0.008) |
| Constant | 0.294\*\*\* | 0.384\*\*\* |
|  | (0.006) | (0.036) |
| State & Date RE | Yes | Yes |
| r2 |  |  |
| N | 6794. | 6523 |

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

**Online Appendix Table 5.** *Effect of Covariates on Social Distancing - Alternate Specifications*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Social Distance: 3-6 Hours | | Social Distance 6-10 Hours | |
|  | 1 | 2 | 3 | 4 |
|  | b/se | b/se | b/se | b/se |
| SHP=1 | 0.094\*\*\* | 0.019 | 0.096\*\*\* | 0.014 |
|  | (0.003) | (0.019) | (0.003) | (0.019) |
| Trump Vote State=1 | -0.015\* | -0.013 | -0.017\* | -0.014 |
|  | (0.007) | (0.007) | (0.007) | (0.008) |
| SHP=1 X Trump Vote State=1 | -0.038\*\*\* | -0.036\*\*\* | -0.039\*\*\* | -0.036\*\*\* |
|  | (0.003) | (0.003) | (0.003) | (0.003) |
| Fem. Gov.=1 | 0.007 | 0.008 | 0.007 | 0.002 |
|  | (0.007) | (0.038) | (0.008) | (0.039) |
| SHP=1 X Fem. Gov.=1 | -0.015\*\*\* | 0.030 | -0.015\*\*\* | 0.034\* |
|  | (0.003) | (0.017) | (0.003) | (0.017) |
| Fem. Health Dir.=1 | 0.014\* | -0.080\* | 0.016\*\* | -0.089\* |
|  | (0.006) | (0.038) | (0.006) | (0.039) |
| SHP=1 X Fem. Health Dir.=1 | 0.013\*\*\* | 0.098\*\*\* | 0.012\*\*\* | 0.104\*\*\* |
|  | (0.003) | (0.020) | (0.003) | (0.020) |
| Gender Resent. |  | -0.169\* |  | -0.192\* |
|  |  | (0.080) |  | (0.083) |
| SHP=1 X Gender Resent. |  | 0.168\*\*\* |  | 0.185\*\*\* |
|  |  | (0.044) |  | (0.044) |
| Fem. Gov.=1 X Gender Resent. |  | 0.005 |  | 0.022 |
|  |  | (0.087) |  | (0.090) |
| SHP=1 X Fem. Gov.=1 X Gender Resent. |  | -0.120\*\* |  | -0.130\*\* |
|  |  | (0.041) |  | (0.041) |
| Fem. Health Dir.=1 X Gender Resent. |  | 0.209\* |  | 0.238\*\* |
|  |  | (0.087) |  | (0.090) |
| SHP=1 X Fem. Health Dir.=1 X Gender Resent. |  | -0.198\*\*\* |  | -0.215\*\*\* |
|  |  | (0.046) |  | (0.046) |
| Lag Case/Pop. | 167.474\*\*\* | 175.253\*\*\* | 168.512\*\*\* | 176.602\*\*\* |
|  | (11.783) | (12.533) | (11.823) | (12.574) |
| Republican Gov. | 0.009 | 0.006 | 0.010 | 0.006 |
|  | (0.007) | (0.007) | (0.007) | (0.008) |
| Constant | 0.275\*\*\* | 0.352\*\*\* | 0.263\*\*\* | 0.350\*\*\* |
|  | (0.006) | (0.035) | (0.006) | (0.036) |
| State & Date RE | Yes | Yes | Yes | Yes |
| r2 |  |  |  |  |
| N | 6794.000 | 6523.000 | 6794.000 | 6523.000 |

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

**Table 6.** *Effect of Covariates on Social Distancing – no Alaska*

|  |  |
| --- | --- |
|  | 1 |
|  | b/se |
| SHP=1 | -0.003 |
|  | (0.018) |
| Trump Vote State=1 | -0.011 |
|  | (0.008) |
| SHP=1 X Trump Vote State=1 | -0.038\*\*\* |
|  | (0.003) |
| Fem. Gov.=1 | -0.014 |
|  | (0.041) |
| SHP=1 X Fem. Gov.=1 | 0.051\*\* |
|  | (0.017) |
| Gender Resent. | -0.208\* |
|  | (0.083) |
| SHP=1 X Gender Resent. | 0.214\*\*\* |
|  | (0.042) |
| Fem. Gov.=1 X Gender Resent. | 0.058 |
|  | (0.095) |
| SHP=1 X Fem. Gov.=1 X Gender Resent. | -0.173\*\*\* |
|  | (0.042) |
| Fem. Health Dir.=1 | -0.077 |
|  | (0.043) |
| SHP=1 X Fem. Health Dir.=1 | 0.110\*\*\* |
|  | (0.021) |
| Fem. Health Dir.=1 X Gender Resent. | 0.205\* |
|  | (0.100) |
| SHP=1 X Fem. Health Dir.=1 X Gender Resent. | -0.230\*\*\* |
|  | (0.049) |
| Lag Case/Pop. | 155.983\*\*\* |
|  | (11.978) |
| Republican Gov. | 0.004 |
|  | (0.008) |
| Constant | 0.388\*\*\* |
|  | (0.036) |
| State & Date RE | Yes |
| r2 |  |
| N | 6387.000 |

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