

Final Tables

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Table 1

Table 1: Descriptive Statistics

| Statistic | N | Min | Max | Mean | Median | St. Dev. |
|---------------------------|--------|--------|-----------|-----------|--------|----------|
| New Cases | 20,400 | -135 | 4,513 | 237.00 | 132.0 | 297.00 |
| Stringency _{t-7} | 20,399 | 0.00 | 88.00 | 47.70 | 48.10 | 18.30 |
| State Level Index | 20,400 | -2.15 | 2.08 | -0.00 | -0.09 | 0.99 |
| % Bachelor's | 20,400 | 19.60 | 55.40 | 30.00 | 29.00 | 6.06 |
| % Fair/Poor Health | 20,400 | 12.00 | 24.40 | 16.50 | 15.80 | 3.05 |
| % Black | 20,400 | 0.40 | 47.40 | 10.90 | 7.10 | 10.60 |
| % Rural | 20,400 | 0.00 | 61.30 | 25.90 | 25.80 | 14.70 |
| % > 65 | 20,400 | 9.56 | 19.00 | 14.50 | 14.60 | 1.74 |
| Average Temperature | 19,600 | 50.80 | 82.50 | 63.50 | 62.80 | 9.19 |
| Median Income | 20,400 | 40,528 | 76,067 | 56,031.00 | 54,384 | 9,314.00 |
| Population Density | 20,400 | 1.29 | 10,795.00 | 407.00 | 106.00 | 1,492.00 |

Table 2

Table 3

Table 4

Table 5

Table 2: Fixed Effects Regression Results

| | <i>Dependent variable:</i> | | |
|--|-----------------------------|----------------------|----------------------|
| | Daily New Cases per Million | | |
| | FE _t | FE _{i,t} | FE _t |
| | (1) | (2) | (3) |
| Stringency _{t-7} | -4.480*** (0.513) | -3.940*** (0.611) | -5.380*** (0.553) |
| Social K | 26.000*** (4.110) | | 31.200*** (5.770) |
| Stringency _{t-7} ² | 0.014*** (0.005) | 0.026*** (0.006) | 0.039*** (0.006) |
| Median Income | | | 0.0002 (0.0004) |
| % Bachelor's | | | -6.550*** (0.820) |
| % Fair/Poor Health | | | -4.630*** (1.260) |
| % Black | | | -0.197 (0.245) |
| Population Density | | | 0.005*** (0.002) |
| % Rural | | | -1.670*** (0.182) |
| % > 65 | | | -3.930*** (1.190) |
| Average Temperature | | | 1.280*** (0.324) |
| Republican Governor | | | 9.200** (3.730) |
| Stringency _{t-7} * Social K | -0.866*** (0.083) | -0.568*** (0.094) | -0.641*** (0.086) |
| Observations | 20,399 | 20,399 | 19,599 |
| R ² | 0.042 | 0.005 | 0.049 |
| Adjusted R ² | 0.022 | -0.017 | 0.029 |
| F Statistic | 217.000*** | 35.000*** | 76.400*** |

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 3: Disaggregated Social Capital Regression Results

| | <i>Dependent variable:</i> |
|---|-----------------------------|
| | Daily New Cases per Million |
| Stringency _{t-7} | -3.500*** (0.648) |
| Stringency _{t-7} ² | 0.022*** (0.006) |
| Stringency _{t-7} * Family Unity | -0.480*** (0.163) |
| Stringency _{t-7} * Family Interaction | 0.433** (0.182) |
| Stringency _{t-7} * Social Support | -0.360* (0.194) |
| Stringency _{t-7} * Community Health | -0.585*** (0.200) |
| Stringency _{t-7} * Institutional Health | 0.185 (0.113) |
| Stringency _{t-7} * Collective Efficacy | -0.131 (0.160) |
| Stringency _{t-7} * Social Philanthropic Health | 0.082 (0.146) |
| Observations | 20,399 |
| R ² | 0.006 |
| Adjusted R ² | -0.016 |
| F Statistic | 14.300*** |
| <i>Note:</i> *p<0.1; **p<0.05; ***p<0.01 | |

Table 4: Alternative Measures of Social Capital Regression Results

| | <i>Dependent variable:</i> | | | |
|--|-----------------------------|----------------------|---------------------------|--------------------------|
| | Daily New Cases per Million | | | |
| | Penn State (1) | Putnam (2) | Alesina La Ferrara (3) | Family Prosperity (4) |
| Stringency _{t-7} | -4.090*** (0.611) | -3.620*** (0.636) | -1.670** (0.753) | -0.622 (1.050) |
| Stringency _{t-7} ² | 0.028*** (0.006) | 0.029*** (0.006) | 0.021*** (0.007) | 0.018*** (0.006) |
| Stringency _{t-7} * Social K | -0.168** (0.066) | -0.810*** (0.131) | -0.752*** (0.091) | -0.487*** (0.139) |
| Observations | 20,399 | 19,199 | 17,599 | 19,999 |
| R ² | 0.004 | 0.004 | 0.007 | 0.003 |
| Adjusted R ² | -0.019 | -0.020 | -0.019 | -0.020 |
| F Statistic | 25.000*** | 27.100*** | 39.100*** | 22.400*** |

Note:

*p<0.1; **p<0.05; ***p<0.01

Table 5: New Cases per Million Avoided

| Desire for Prevention | Level of Social Capital | | | | |
|-----------------------|-------------------------|----------|---------|----------|-----------|
| | Strong | Positive | Average | Negative | Weak |
| High | -81 | -47 | -13 | 21 | 55 |
| Average | -55 | -27 | 0 | 27 | 55 |
| Low | -28 | -6 | 16 | 38 | 60 |

Strong and Weak Social Capital are 2 standard deviations above and below the mean level.

High, Average, and Low are measured at the first, second, and third quartiles of the Stringency Index.

A tibble: 3 x 6

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'Desire for Prevention' Strong Positive Average Negative Weak
<chr>                <dbl>    <dbl>    <dbl>    <dbl> <dbl>
1 High                -81      -47      -13       21    55
2 Average             -55      -27       0       27    55
3 Low                 -28       -6       16       38    60

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