# Final Tables

Tony Carilli

June 01, 2021

## 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

| | Dependent variable: | | |
| --- | --- | --- | --- |
| | Daily New Cases per Million | | |
| | $FE_t$ | $FE_{i,t}$ | $FE_t$ |
| | (1) | (2) | (3) |
| $Stringency_{t-7}$ | −4.480*** | −3.940*** | −5.380*** |
| | (0.513) | (0.611) | (0.553) |
| | | | |
| Social K | 26.000*** | | 31.200*** |
| | (4.110) | | (5.770) |
| | | | |
| $Stringency^2_{t-7}$ | 0.014*** | 0.026*** | 0.039*** |
| | (0.005) | (0.006) | (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*** | −0.568*** | −0.641*** |
| | (0.083) | (0.094) | (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

|  | *Dependent variable:* |
| --- | --- |
|  | Daily New Cases per Million |
| Stringency$_{t-7}$ | −3.500*** |
|  | (0.648) |
| Stringency$^2_{t-7}$ | 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$_{t-7}$ * Instutional 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*** |
| *Note:* | *p<0.1; **p<0.05; ***p<0.01 |

Table 4: Alternative Measures of Social Capital Regression Results

| | *Dependent variable:* | | | |
|---|---|---|---|---|
| | Daily New Cases per Million | | | |
| | Penn State | Putnam | Alesina La Ferrara | Family Prosperity |
| | (1) | (2) | (3) | (4) |
| $\text{Stringency}_{t-7}$ | $-4.090^{***}$ | $-3.620^{***}$ | $-1.670^{**}$ | $-0.622$ |
| | (0.611) | (0.636) | (0.753) | (1.050) |
| $\text{Stringency}^2_{t-7}$ | $0.028^{***}$ | $0.029^{***}$ | $0.021^{***}$ | $0.018^{***}$ |
| | (0.006) | (0.006) | (0.007) | (0.006) |
| $\text{Stringency}_{t-7}$ * Social K | $-0.168^{**}$ | $-0.810^{***}$ | $-0.752^{***}$ | $-0.487^{***}$ |
| | (0.066) | (0.131) | (0.091) | (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

| | Level of Social Capital | | | | |
|---|---|---|---|---|---|
| Desire for Prevention | Strong | Positive | Average | Negative | Weak |
| High | **-210** | -176 | -142 | -107.5 | **-73.3** |
| Average | -183 | -156 | -129 | -101.3 | -73.9 |
| Low | **-156** | -134 | -113 | -90.7 | **-68.9** |

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.