

Table S7. ANOVA, with comprehensive summary statistics, comparing counties with higher and lower than the median death rate.

| | Covariates | Total | | | | | Group 1: DeathRate ≤ 3.4 | | | | |
|------------------------|--------------------------|-------|----------|----------------|-----------------------------|-----------------------------|--------------------------|----------|----------------|-----------------------------|-----------------------------|
| | | N | Mean | Std. Deviation | 95% CI for Mean/Lo werBound | 95% CI for Mean/Up perBound | N | Mean | Std. Deviation | 95% CI for Mean/Lo werBound | 95% CI for Mean/Up perBound |
| Density | Population** | 195 | 2.37E+05 | 2.34E+05 | 2.04E+05 | 2.70E+05 | 95 | 3.20E+05 | 2.46E+05 | 2.70E+05 | 3.70E+05 |
| | Rate_COV** | 191 | 1272.57 | 1142.34 | 1109.52 | 1435.61 | 99 | 1433.01 | 1166.21 | 1200.42 | 1665.61 |
| Change in mobility | Retail_Mob** | 218 | -0.49 | 0.13 | -0.51 | -0.47 | 109 | -0.51 | 0.12 | -0.53 | -0.49 |
| | Grocery_Mob | 218 | -0.18 | 0.13 | -0.20 | -0.16 | 109 | -0.19 | 0.14 | -0.22 | -0.17 |
| | Parks_Mob** | 157 | 0.13 | 0.60 | 0.03 | 0.23 | 96 | 0.21 | 0.60 | 0.09 | 0.33 |
| | Transit_Mob | 160 | -0.50 | 0.16 | -0.52 | -0.47 | 97 | -0.49 | 0.17 | -0.53 | -0.46 |
| | Work_Mob | 217 | -0.38 | 0.08 | -0.39 | -0.37 | 109 | -0.39 | 0.07 | -0.40 | -0.38 |
| | Resident_Mob | 202 | 0.15 | 0.05 | 0.14 | 0.15 | 107 | 0.14 | 0.04 | 0.13 | 0.15 |
| PC | Computer** | 218 | 29.17 | 3.64 | 28.69 | 29.66 | 109 | 29.89 | 3.06 | 29.31 | 30.47 |
| Race | BA_Male | 213 | 5.68 | 5.42 | 4.95 | 6.41 | 108 | 5.24 | 4.52 | 4.38 | 6.10 |
| | BA_Fem | 213 | 5.76 | 6.01 | 4.94 | 6.57 | 108 | 5.34 | 4.98 | 4.39 | 6.29 |
| | AA_Male** | 198 | 1.37 | 1.33 | 1.18 | 1.56 | 97 | 1.69 | 1.36 | 1.41 | 1.96 |
| | AA_Fem** | 195 | 1.43 | 1.31 | 1.25 | 1.62 | 95 | 1.76 | 1.35 | 1.49 | 2.03 |
| | NHWA_Male | 218 | 33.99 | 10.08 | 32.64 | 35.33 | 109 | 33.55 | 9.38 | 31.77 | 35.34 |
| | NHWA_Fem | 218 | 35.00 | 10.40 | 33.61 | 36.39 | 109 | 34.84 | 9.96 | 32.95 | 36.73 |
| | H_Male** | 201 | 4.68 | 4.29 | 4.08 | 5.27 | 100 | 5.43 | 4.53 | 4.53 | 6.33 |
| | H_Female** | 201 | 4.48 | 4.27 | 3.88 | 5.07 | 100 | 5.22 | 4.48 | 4.33 | 6.11 |
| Income | Median_Income** | 213 | 74817.20 | 18918.79 | 72261.92 | 77372.47 | 107 | 81488.08 | 19201.41 | 77807.85 | 85168.32 |
| | Poverty** | 218 | 14.35 | 5.43 | 13.62 | 15.07 | 109 | 12.87 | 4.72 | 11.97 | 13.76 |
| | Poverty_Male** | 218 | 13.03 | 5.08 | 12.35 | 13.71 | 109 | 11.66 | 4.36 | 10.84 | 12.49 |
| | Poverty_Fem** | 218 | 15.60 | 5.82 | 14.82 | 16.38 | 109 | 14.01 | 5.12 | 13.04 | 14.98 |
| | Poverty_BA** | 218 | 27.42 | 11.81 | 25.84 | 29.00 | 109 | 24.46 | 9.80 | 22.60 | 26.32 |
| | Poverty_AA** | 218 | 14.15 | 11.29 | 12.64 | 15.65 | 109 | 12.65 | 9.93 | 10.76 | 14.53 |
| | Poverty_H** | 218 | 23.55 | 10.23 | 22.19 | 24.92 | 109 | 21.74 | 7.60 | 20.29 | 23.18 |
| | Poverty_NHWA** | 218 | 10.51 | 3.92 | 9.99 | 11.04 | 109 | 9.42 | 3.38 | 8.77 | 10.06 |
| Education | Highschool** | 217 | 87.70 | 5.44 | 86.98 | 88.43 | 109 | 88.50 | 4.83 | 87.59 | 89.42 |
| | Bach** | 218 | 28.06 | 11.32 | 26.55 | 29.57 | 109 | 31.31 | 10.97 | 29.23 | 33.40 |
| | Highschool_NHWA** | 218 | 91.60 | 3.95 | 91.08 | 92.13 | 109 | 92.43 | 3.62 | 91.75 | 93.12 |
| | Bach_NHWA** | 217 | 31.31 | 13.13 | 29.56 | 33.07 | 109 | 34.96 | 13.01 | 32.49 | 37.43 |
| | Highschool_BA** | 218 | 83.24 | 7.47 | 82.24 | 84.24 | 109 | 85.02 | 6.24 | 83.84 | 86.21 |
| | Bach_BA** | 218 | 18.98 | 9.90 | 17.66 | 20.30 | 109 | 20.75 | 9.19 | 19.00 | 22.49 |
| | Highschool_AA** | 214 | 85.36 | 9.37 | 84.09 | 86.62 | 109 | 86.68 | 7.79 | 85.20 | 88.16 |
| | Bach_AA** | 218 | 47.44 | 18.44 | 44.98 | 49.90 | 109 | 52.27 | 14.74 | 49.47 | 55.07 |
| | Highschool_H | 218 | 72.57 | 10.05 | 71.23 | 73.91 | 109 | 72.79 | 8.54 | 71.17 | 74.41 |
| | Bach_H** | 218 | 16.82 | 8.00 | 15.75 | 17.88 | 109 | 18.22 | 7.78 | 16.74 | 19.69 |
| Disability / Insurance | Disability** | 218 | 13.59 | 3.06 | 13.18 | 14.00 | 109 | 12.92 | 2.87 | 12.37 | 13.46 |
| | Insured_Male** | 218 | 91.75 | 3.15 | 91.33 | 92.17 | 109 | 92.45 | 3.03 | 91.87 | 93.02 |
| | Insured_Fem** | 217 | 93.87 | 2.73 | 93.51 | 94.24 | 109 | 94.39 | 2.57 | 93.90 | 94.87 |
| | Insured_BA** | 217 | 91.42 | 4.24 | 90.86 | 91.99 | 109 | 92.16 | 3.03 | 91.58 | 92.73 |
| | Insured_AA | 212 | 92.14 | 5.51 | 91.39 | 92.89 | 109 | 92.68 | 4.23 | 91.87 | 93.48 |
| | Insured_H | 217 | 85.66 | 8.26 | 84.55 | 86.76 | 108 | 86.26 | 7.25 | 84.88 | 87.65 |
| | Insured_NHWA** | 218 | 94.50 | 2.43 | 94.18 | 94.83 | 109 | 95.21 | 2.09 | 94.81 | 95.60 |
| | Medicaid** | 218 | 22.44 | 7.01 | 21.51 | 23.38 | 109 | 20.88 | 6.36 | 19.68 | 22.09 |

| Group 2: DeathRate > 3.4 | | | | | Analysis of Variance (ANOVA) - Between Groups | | | | Covariates |
|--------------------------|----------|----------------|-----------------------------|-----------------------------|---|-------------|-------|------------|-------------------|
| N | Mean | Std. Deviation | 95% CI for Mean/Lo werBound | 95% CI for Mean/Up perBound | Sum of Squares | Mean Square | F | Sig. | |
| 100 | 1.59E+05 | 1.92E+05 | 1.21E+05 | 1.97E+05 | 1.26E+12 | 1.26E+12 | 25.97 | ● 8.25E-07 | Population** |
| 92 | 1099.91 | 1096.27 | 872.88 | 1326.94 | 5291134.12 | ##### | 4.12 | ● 4.37E-02 | Rate_COV** |
| 109 | -0.47 | 0.14 | -0.50 | -0.44 | 0.08 | 0.08 | 4.86 | ● 2.86E-02 | Retail_Mob** |
| 109 | -0.17 | 0.13 | -0.19 | -0.14 | 0.04 | 0.04 | 2.23 | ● 1.37E-01 | Grocery_Mob |
| 61 | 0.00 | 0.59 | -0.15 | 0.16 | 1.59 | 1.59 | 4.45 | ● 3.65E-02 | Parks_Mob** |
| 63 | -0.50 | 0.16 | -0.54 | -0.46 | 0.00 | 0.00 | 0.07 | ● 7.98E-01 | Transit_Mob |
| 108 | -0.38 | 0.08 | -0.39 | -0.36 | 0.01 | 0.01 | 2.53 | ● 1.13E-01 | Work_Mob |
| 95 | 0.15 | 0.06 | 0.14 | 0.17 | 0.01 | 0.01 | 3.41 | ● 6.62E-02 | Resident_Mob |
| 109 | 28.46 | 4.03 | 27.69 | 29.22 | 112.36 | 112.36 | 8.78 | ● 3.39E-03 | Computer** |
| 105 | 6.14 | 6.21 | 4.93 | 7.34 | 42.78 | 42.78 | 1.46 | ● 2.29E-01 | BA_Male |
| 105 | 6.19 | 6.91 | 4.85 | 7.52 | 38.52 | 38.52 | 1.07 | ● 3.03E-01 | BA_Fem |
| 101 | 1.06 | 1.23 | 0.82 | 1.31 | 19.09 | 19.09 | 11.31 | ● 9.25E-04 | AA_Male** |
| 100 | 1.12 | 1.21 | 0.88 | 1.36 | 19.90 | 19.90 | 12.18 | ● 5.98E-04 | AA_Fem** |
| 109 | 34.42 | 10.76 | 32.38 | 36.46 | 40.73 | 40.73 | 0.40 | ● 5.28E-01 | NHWA_Male |
| 109 | 35.16 | 10.87 | 33.10 | 37.23 | 5.76 | 5.76 | 0.05 | ● 8.18E-01 | NHWA_Fem |
| 101 | 3.92 | 3.92 | 3.15 | 4.70 | 114.28 | 114.28 | 6.37 | ● 1.24E-02 | H_Male** |
| 101 | 3.74 | 3.94 | 2.96 | 4.51 | 111.13 | 111.13 | 6.25 | ● 1.32E-02 | H_Female** |
| 106 | 68083.38 | 16103.69 | 64982.00 | 71184.76 | 9.57E+09 | 9.57E+09 | 30.45 | ● 1.00E-07 | Median_Income** |
| 109 | 15.83 | 5.70 | 14.75 | 16.91 | 478.87 | 478.87 | 17.49 | ● 4.21E-05 | Poverty** |
| 109 | 14.40 | 5.40 | 13.38 | 15.43 | 408.45 | 408.45 | 16.98 | ● 5.40E-05 | Poverty_Male** |
| 109 | 17.19 | 6.07 | 16.04 | 18.35 | 551.70 | 551.70 | 17.50 | ● 4.18E-05 | Poverty_Fem** |
| 109 | 30.38 | 12.91 | 27.93 | 32.83 | 1913.70 | 1913.70 | 14.57 | ● 1.76E-04 | Poverty_BA** |
| 109 | 15.65 | 12.37 | 13.30 | 18.00 | 491.10 | 491.10 | 3.90 | ● 4.95E-02 | Poverty_AA** |
| 109 | 25.37 | 12.08 | 23.07 | 27.66 | 718.25 | 718.25 | 7.06 | ● 8.49E-03 | Poverty_H** |
| 109 | 11.61 | 4.13 | 10.83 | 12.40 | 262.46 | 262.46 | 18.41 | ● 2.69E-05 | Poverty_NHWA** |
| 108 | 86.90 | 5.90 | 85.77 | 88.02 | 140.00 | 140.00 | 4.82 | ● 2.92E-02 | Highschool** |
| 109 | 24.80 | 10.75 | 22.76 | 26.85 | 2309.78 | 2309.78 | 19.58 | ● 1.53E-05 | Bach** |
| 109 | 90.77 | 4.10 | 90.00 | 91.55 | 150.11 | 150.11 | 10.03 | ● 1.76E-03 | Highschool_NHWA** |
| 108 | 27.64 | 12.24 | 25.30 | 29.97 | 2908.86 | 2908.86 | 18.22 | ● 2.95E-05 | Bach_NHWA** |
| 109 | 81.46 | 8.17 | 79.90 | 83.01 | 694.49 | 694.49 | 13.14 | ● 3.60E-04 | Highschool_BA** |
| 109 | 17.21 | 10.29 | 15.25 | 19.16 | 682.41 | 682.41 | 7.17 | ● 8.00E-03 | Bach_BA** |
| 105 | 83.98 | 10.64 | 81.92 | 86.04 | 391.17 | 391.17 | 4.53 | ● 3.45E-02 | Highschool_AA** |
| 109 | 42.61 | 20.46 | 38.72 | 46.49 | 5094.01 | 5094.01 | 16.02 | ● 8.62E-05 | Bach_AA** |
| 109 | 72.35 | 11.39 | 70.18 | 74.51 | 10.70 | 10.70 | 0.11 | ● 7.46E-01 | Highschool_H |
| 109 | 15.41 | 8.00 | 13.90 | 16.93 | 427.84 | 427.84 | 6.87 | ● 9.39E-03 | Bach_H** |
| 109 | 14.26 | 3.10 | 13.67 | 14.85 | 98.45 | 98.45 | 11.01 | ● 1.06E-03 | Disability** |
| 109 | 91.05 | 3.13 | 90.46 | 91.64 | 106.40 | 106.40 | 11.21 | ● 9.59E-04 | Insured_Male** |
| 108 | 93.35 | 2.80 | 92.82 | 93.89 | 57.73 | 57.73 | 7.99 | ● 5.14E-03 | Insured_Fem** |
| 108 | 90.69 | 5.10 | 89.71 | 91.66 | 117.50 | 117.50 | 6.70 | ● 1.03E-02 | Insured_BA** |
| 103 | 91.57 | 6.57 | 90.29 | 92.86 | 64.47 | 64.47 | 2.14 | ● 1.45E-01 | Insured_AA |
| 109 | 85.06 | 9.15 | 83.32 | 86.80 | 78.91 | 78.91 | 1.16 | ● 2.83E-01 | Insured_H |
| 109 | 93.80 | 2.55 | 93.32 | 94.28 | 107.80 | 107.80 | 19.88 | ● 1.33E-05 | Insured_NHWA** |
| 109 | 24.00 | 7.30 | 22.61 | 25.38 | 529.03 | 529.03 | 11.29 | ● 9.23E-04 | Medicaid** |