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| **Interrupted Time Series Models of Firearm Assault+Unintentional Injuries** | | | | | |
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|  | Firearm Assault+Unintentional Injuries | | | | |
|  |  | | | | |
|  | Rate per 100,000 | | | | |
|  | AR(1) TSR | AR(1) TSR | RE HLM | RE HLM | RE HLM +Int. |
|  | (1) | (2) | (3) | (4) | (5) |
|  | | | | | |
| T | 0.002 | -0.002 | 0.005 | 0.004 | 0.003 |
|  | (0.0001|0.003) | (-0.005|0.001) | (0.001|0.009) | (0.0001|0.008) | (-0.001|0.008) |
| COVID - State of Emergency | -0.608 | -0.464 | -0.178 | -0.022 | 0.039 |
|  | (-1.486|0.270) | (-1.380|0.452) | (-2.343|1.987) | (-2.190|2.146) | (-2.269|2.347) |
| COVID - Stay at Home | 0.445 | 0.451 | -0.726 | -0.844 | -0.877 |
|  | (-0.464|1.354) | (-0.490|1.393) | (-2.962|1.509) | (-3.080|1.392) | (-3.249|1.496) |
| Post-Killing | 3.394 | 3.341 | 3.606 | 3.493 | 1.812 |
|  | (2.443|4.345) | (2.337|4.344) | (1.323|5.890) | (1.208|5.778) | (-0.774|4.397) |
| T Post-Killing | -0.097 | -0.092 | -0.160 | -0.156 | -0.163 |
|  | (-0.128|-0.065) | (-0.127|-0.057) | (-0.235|-0.085) | (-0.232|-0.081) | (-0.242|-0.084) |
| MPD Use of Force t-1 |  | -0.083 |  | -0.186 | -0.169 |
|  |  | (-2.252|2.086) |  | (-0.272|-0.100) | (-0.255|-0.082) |
| MPD Stops t-1 |  | -0.265 |  | 0.022 | 0.042 |
|  |  | (-0.649|0.118) |  | (-0.011|0.054) | (0.005|0.079) |
| MPD OIS t-1 |  | -10.263 |  | -3.256 | -2.942 |
|  |  | (-73.259|52.733) |  | (-20.666|14.155) | (-20.784|14.900) |
| AR(1) | 0.045 | -0.038 |  |  |  |
|  | (-0.075|0.165) | (-0.173|0.096) |  |  |  |
| Median HH Income |  |  |  |  | 0.00000 |
|  |  |  |  |  | (-0.00003|0.00004) |
| Percent Black |  |  |  |  | 0.055 |
|  |  |  |  |  | (-0.003|0.113) |
| Post-Killing X Percent Black |  |  |  |  | 0.100 |
|  |  |  |  |  | (0.052|0.148) |
| Constant | 0.411 | 1.290 | -0.280 | -0.236 | -1.599 |
|  | (-0.787|1.609) | (-0.483|3.063) | (-3.369|2.809) | (-3.340|2.868) | (-5.960|2.762) |
|  | | | | | |
| SD(ZCTA) |  |  | 1.779 | 1.916 | 1.449 |
| SD(Residual) |  |  | 8.493 | 8.494 | 8.704 |
| Observations | 260 | 217 | 5,770 | 5,748 | 5,460 |
| R2 | 0.491 | 0.513 |  |  |  |
| Log Likelihood |  |  | -20,564.490 | -20,488.920 | -19,603.880 |
| Akaike Inf. Crit. |  |  | 41,154.970 | 41,009.850 | 39,245.770 |
| Bayesian Inf. Crit. |  |  | 41,241.560 | 41,116.350 | 39,371.270 |
| Residual Std. Error | 0.721 (df = 248) | 0.742 (df = 202) |  |  |  |
| F Statistic | 21.786\*\*\* (df = 11; 248) | 15.216\*\*\* (df = 14; 202) |  |  |  |
|  | | | | | |
| Models include controls for seasonality. | 95% Confidence Intervals in parentheses | | | | |