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| **Interrupted Time Series Models of Firearm Assault Injuries** | | | | | |
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|  | Firearm Assault Injuries | | | | |
|  |  | | | | |
|  | Rate per 100,000 | | | | |
|  | AR(1) TSR | AR(1) TSR | RE HLM | RE HLM | RE HLM +Int. |
|  | (1) | (2) | (3) | (4) | (5) |
|  | | | | | |
| T | 0.001 | -0.001 | 0.003 | 0.002 | 0.001 |
|  | (-0.0003|0.002) | (-0.003|0.001) | (0.0004|0.005) | (-0.0005|0.004) | (-0.002|0.004) |
| COVID - State of Emergency | -0.463 | -0.411 | -0.646 | -0.506 | -0.439 |
|  | (-1.026|0.100) | (-0.995|0.173) | (-2.001|0.708) | (-1.864|0.853) | (-1.917|1.040) |
| COVID - Stay at Home | 0.403 | 0.416 | 0.242 | 0.156 | 0.189 |
|  | (-0.179|0.984) | (-0.183|1.016) | (-1.151|1.636) | (-1.240|1.553) | (-1.331|1.709) |
| Post-Killing | 1.781 | 1.775 | 1.330 | 1.277 | 0.282 |
|  | (1.176|2.387) | (1.137|2.414) | (-0.092|2.751) | (-0.149|2.703) | (-1.375|1.938) |
| T Post-Killing | -0.048 | -0.047 | -0.035 | -0.032 | -0.036 |
|  | (-0.068|-0.028) | (-0.070|-0.025) | (-0.081|0.011) | (-0.078|0.015) | (-0.086|0.015) |
| MPD Use of Force t-1 |  | -0.015 |  | -0.130 | -0.123 |
|  |  | (-1.400|1.370) |  | (-0.184|-0.077) | (-0.175|-0.070) |
| MPD Stops t-1 |  | -0.121 |  | 0.035 | 0.076 |
|  |  | (-0.365|0.122) |  | (0.019|0.051) | (0.055|0.098) |
| MPD OIS t-1 |  | -27.382 |  | -1.953 | -1.668 |
|  |  | (-67.727|12.964) |  | (-12.946|9.040) | (-13.095|9.759) |
| AR(1) | 0.142 | 0.065 |  |  |  |
|  | (0.021|0.263) | (-0.071|0.201) |  |  |  |
| Median HH Income |  |  |  |  | 0.00001 |
|  |  |  |  |  | (-0.00001|0.00002) |
| Percent Black |  |  |  |  | 0.038 |
|  |  |  |  |  | (0.014|0.062) |
| Post-Killing X Percent Black |  |  |  |  | 0.063 |
|  |  |  |  |  | (0.032|0.094) |
| Constant | 0.579 | 0.931 | 0.800 | 0.834 | -0.412 |
|  | (-0.194|1.352) | (-0.204|2.066) | (-1.093|2.694) | (-1.073|2.740) | (-2.785|1.961) |
|  | | | | | |
| SD(ZCTA) |  |  | 0.904 | 0.922 | 0.504 |
| SD(Residual) |  |  | 5.352 | 5.364 | 5.577 |
| Observations | 260 | 217 | 5,993 | 5,928 | 5,460 |
| R2 | 0.385 | 0.407 |  |  |  |
| Log Likelihood |  |  | -18,592.500 | -18,406.520 | -17,172.070 |
| Akaike Inf. Crit. |  |  | 37,210.990 | 36,845.050 | 34,382.150 |
| Bayesian Inf. Crit. |  |  | 37,298.070 | 36,952.040 | 34,507.650 |
| Residual Std. Error | 0.463 (df = 248) | 0.474 (df = 202) |  |  |  |
| F Statistic | 14.117\*\*\* (df = 11; 248) | 9.898\*\*\* (df = 14; 202) |  |  |  |
|  | | | | | |
| Models include controls for seasonality. | 95% Confidence Intervals in parentheses | | | | |