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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 |
|  | (-0.0001|0.002) | (-0.003|0.001) | (0.0004|0.005) | (-0.0004|0.004) | (-0.002|0.004) |
| COVID - State of Emergency | -0.148 | -0.063 | -0.520 | -0.352 | -0.313 |
|  | (-0.786|0.490) | (-0.706|0.580) | (-2.114|1.074) | (-1.951|1.246) | (-2.052|1.427) |
| COVID - Stay at Home | -0.016 | -0.032 | 0.081 | -0.037 | 0.028 |
|  | (-0.712|0.681) | (-0.732|0.669) | (-1.659|1.821) | (-1.781|1.707) | (-1.869|1.926) |
| Post-Killing | 2.545 | 2.556 | 1.611 | 1.617 | 0.563 |
|  | (1.614|3.477) | (1.619|3.493) | (-0.716|3.938) | (-0.715|3.950) | (-2.040|3.166) |
| 1 Month Post | -0.699 | -0.853 | -0.013 | -0.067 | 0.052 |
|  | (-1.906|0.509) | (-2.080|0.374) | (-3.029|3.003) | (-3.090|2.956) | (-3.237|3.342) |
| 2 Months Post | -1.241 | -1.538 | -0.902 | -1.059 | -0.972 |
|  | (-2.454|-0.028) | (-2.785|-0.292) | (-3.931|2.127) | (-4.096|1.977) | (-4.276|2.331) |
| 3 Months Post | -2.128 | -2.355 | -1.248 | -1.331 | -1.337 |
|  | (-3.345|-0.911) | (-3.596|-1.114) | (-4.288|1.791) | (-4.377|1.716) | (-4.652|1.977) |
| 4 Months Post | -1.871 | -2.021 | -1.176 | -1.145 | -1.156 |
|  | (-3.085|-0.656) | (-3.252|-0.790) | (-4.210|1.858) | (-4.185|1.896) | (-4.464|2.153) |
| 5 Months Post | -2.121 | -2.111 | -1.372 | -1.353 | -1.401 |
|  | (-3.334|-0.907) | (-3.339|-0.884) | (-4.402|1.658) | (-4.390|1.684) | (-4.706|1.903) |
| 6 Months Post | -1.330 | -1.337 | -0.249 | -0.304 | -0.179 |
|  | (-2.548|-0.111) | (-2.566|-0.108) | (-3.292|2.794) | (-3.355|2.746) | (-3.498|3.140) |
| 7+ Months Post | -2.489 | -2.485 | -1.527 | -1.524 | -1.566 |
|  | (-3.672|-1.307) | (-3.674|-1.295) | (-4.480|1.426) | (-4.484|1.435) | (-4.786|1.654) |
| MPD Use of Force t-1 |  | -0.732 |  | -0.130 | -0.123 |
|  |  | (-2.145|0.680) |  | (-0.184|-0.077) | (-0.175|-0.070) |
| MPD Stops t-1 |  | -0.182 |  | 0.035 | 0.077 |
|  |  | (-0.415|0.050) |  | (0.019|0.051) | (0.055|0.098) |
| MPD OIS t-1 |  | -30.131 |  | -2.053 | -1.773 |
|  |  | (-68.210|7.948) |  | (-13.048|8.942) | (-13.202|9.657) |
| AR(1) |  |  |  |  | 0.00001 |
|  |  |  |  |  | (-0.00001|0.00002) |
| Median HH Income |  |  |  |  | 0.038 |
|  |  |  |  |  | (0.014|0.062) |
| Percent Black |  |  |  |  | 0.063 |
|  |  |  |  |  | (0.032|0.094) |
| Post-Killing X Percent Black | 0.722 | 1.263 | 0.878 | 0.924 | -0.320 |
|  | (-0.029|1.474) | (0.178|2.348) | (-1.039|2.794) | (-1.006|2.854) | (-2.715|2.076) |
|  | | | | | |
| SD(ZCTA) |  |  | 0.817 | 0.922 | 0.504 |
| SD(Residual) |  |  | 5.353 | 5.364 | 5.578 |
| Observations | 261 | 217 | 5,993 | 5,928 | 5,460 |
| R2 | 0.436 | 0.485 |  |  |  |
| Log Likelihood |  |  | -18,582.870 | -18,396.930 | -17,161.870 |
| Akaike Inf. Crit. |  |  | 37,203.730 | 36,837.860 | 34,373.740 |
| Bayesian Inf. Crit. |  |  | 37,331.000 | 36,984.990 | 34,538.870 |
| Residual Std. Error | 0.447 (df = 244) | 0.448 (df = 197) |  |  |  |
| F Statistic | 11.808\*\*\* (df = 16; 244) | 9.761\*\*\* (df = 19; 197) |  |  |  |
|  | | | | | |
| Models include controls for seasonality. | 95% Confidence Intervals in parentheses | | | | |