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| **Interrupted Time Series Models of Firearm Undetermined Injuries** | | | | | |
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|  | Firearm Undetermined Injuries | | | | |
|  |  | | | | |
|  | Rate per 100,000 | | | | |
|  | AR(1) TSR | AR(1) TSR | RE HLM | RE HLM | RE HLM +Int. |
|  | (1) | (2) | (3) | (4) | (5) |
|  | | | | | |
| T | 0.00002 | -0.0001 | 0.00000 | -0.00001 | 0.00001 |
|  | (-0.0002|0.0002) | (-0.001|0.0003) | (-0.0002|0.0002) | (-0.0002|0.0002) | (-0.0002|0.0002) |
| COVID - State of Emergency | -0.065 | -0.065 | -0.049 | -0.048 | -0.052 |
|  | (-0.192|0.062) | (-0.200|0.071) | (-0.161|0.063) | (-0.161|0.065) | (-0.175|0.070) |
| COVID - Stay at Home | 0.050 | 0.054 | 0.039 | 0.039 | 0.042 |
|  | (-0.080|0.181) | (-0.084|0.193) | (-0.076|0.154) | (-0.077|0.154) | (-0.084|0.168) |
| Post-Killing | 0.164 | 0.170 | 0.138 | 0.138 | 0.054 |
|  | (0.029|0.299) | (0.023|0.316) | (0.020|0.255) | (0.020|0.257) | (-0.083|0.192) |
| T Post-Killing | -0.002 | -0.002 | -0.002 | -0.002 | -0.002 |
|  | (-0.006|0.002) | (-0.007|0.003) | (-0.006|0.002) | (-0.006|0.002) | (-0.006|0.002) |
| MPD Use of Force t-1 |  | 0.099 |  | -0.0004 | -0.0005 |
|  |  | (-0.221|0.420) |  | (-0.005|0.004) | (-0.005|0.004) |
| MPD Stops t-1 |  | -0.007 |  | -0.0001 | -0.0002 |
|  |  | (-0.064|0.049) |  | (-0.001|0.001) | (-0.002|0.001) |
| MPD OIS t-1 |  | -3.299 |  | -0.160 | -0.143 |
|  |  | (-12.654|6.055) |  | (-1.071|0.751) | (-1.090|0.805) |
| AR(1) | -0.058 | -0.085 |  |  |  |
|  | (-0.183|0.067) | (-0.224|0.053) |  |  |  |
| Median HH Income |  |  |  |  | -0.00000 |
|  |  |  |  |  | (-0.00000|0.00000) |
| Percent Black |  |  |  |  | 0.001 |
|  |  |  |  |  | (-0.001|0.003) |
| Post-Killing X Percent Black |  |  |  |  | 0.005 |
|  |  |  |  |  | (0.003|0.008) |
| Constant | 0.075 | 0.194 | 0.009 | 0.010 | 0.008 |
|  | (-0.098|0.249) | (-0.071|0.459) | (-0.146|0.163) | (-0.146|0.166) | (-0.185|0.201) |
|  | | | | | |
| SD(ZCTA) |  |  | 0.046 | 0.046 | 0.037 |
| SD(Residual) |  |  | 0.442 | 0.444 | 0.462 |
| Observations | 260 | 217 | 5,993 | 5,928 | 5,460 |
| R2 | 0.057 | 0.068 |  |  |  |
| Log Likelihood |  |  | -3,664.154 | -3,668.384 | -3,618.112 |
| Akaike Inf. Crit. |  |  | 7,354.308 | 7,368.768 | 7,274.223 |
| Bayesian Inf. Crit. |  |  | 7,441.387 | 7,475.767 | 7,399.722 |
| Residual Std. Error | 0.104 (df = 248) | 0.110 (df = 202) |  |  |  |
| F Statistic | 1.373 (df = 11; 248) | 1.051 (df = 14; 202) |  |  |  |
|  | | | | | |
| Models include controls for seasonality. | 95% Confidence Intervals in parentheses | | | | |