**Online Appendix**

**Suicide Terrorism and Hard Targets**

**Appendix Table 1. Suicide Attacks, Hard Target and Success, Fatality Measure**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | [1] | [2] | [3] | [4] | [5] |
| Y: | Hard  Target  Attack  w/ Fatalities1 | Hard  Target  Attack  w/ Fatalities | Hard  Target  Attack  w/ Fatalities  Islamist  Only | Hard  Target  Attack  w/  Fatalities  Domestic  Attack | Hard  Target  Attack  w/ Fatalities  Int’l  Attack |
|  |  |  |  |  |  |
| Suicide Attack | 0.749\*\* | 0.865\*\*\* | 0.856\*\*\* | 1.225\*\*\* | 0.921\*\*\* |
|  | (0.258) | (0.151) | (0.150) | (0.246) | (0.213) |
| Islamist Perpetrator |  | 0.451\* |  |  |  |
|  |  | (0.176) |  |  |  |
| Nationalist-Sep Perpetrator |  | -0.112 |  |  |  |
|  |  | (0.166) |  |  |  |
| Left Perpetrator |  | -0.072 |  |  |  |
|  |  | (0.202) |  |  |  |
| Right Perpetrator |  | -0.276 |  |  |  |
|  |  | (0.374) |  |  |  |
| (ln) GDP, Venue State | -0.099 | -0.178 | -0.439\*\*\* | -0.116 | -0.542\*\*\* |
|  | (0.154) | (0.141) | (0.118) | (0.178) | (0.146) |
| (ln) Military Expend., Venue State | 0.067 | 0.176\*\* | 0.285\*\* | 0.138 | 0.275\*\*\* |
|  | (0.069) | (0.068) | (0.109) | (0.089) | (0.071) |
| Polity, Venue State | -0.042\*\*\* | -0.034\*\* | -0.021 | -0.048\*\* | 0.004 |
|  | (0.010) | (0.012) | (0.015) | (0.016) | (0.016) |
| Civil Conflict, Venue State | 0.026 | 0.045 | 0.053 | 0.012 | 0.047 |
|  | (0.034) | (0.031) | (0.034) | (0.040) | (0.036) |
| Cumulative Attacks, Venue State | 0.000\*\*\* | 0.000 | -0.000 | 0.000\*\*\* | -0.000 |
|  | (0.000) | (0.000) | (0.000) | (0.000) | (0.000) |
| CETIS Era | 2.445\*\*\* | 2.663\*\*\* | 2.274\*\*\* | 2.619\*\*\* | 2.516\*\*\* |
|  | (0.215) | (0.221) | (0.468) | (0.279) | (0.178) |
| ISVG Era | 1.994\*\*\* | 1.947\*\*\* | 1.856\*\*\* | 1.807\*\*\* | 1.982\*\*\* |
|  | (0.175) | (0.193) | (0.394) | (0.206) | (0.286) |
| START Era | 2.158\*\*\* | 2.442\*\*\* | 2.354\*\*\* | 2.214\*\*\* | 2.750\*\*\* |
|  | (0.238) | (0.210) | (0.345) | (0.282) | (0.187) |
| Africa | 2.416\*\*\* | 1.278\*\* | -0.416 | 0.565 | 1.711 |
|  | (0.600) | (0.392) | (0.254) | (1.154) | (1.053) |
| Asia | 1.427\* | 0.287 | -1.556\*\*\* | -0.534 | 0.484 |
|  | (0.664) | (0.444) | (0.392) | (1.183) | (1.085) |
| Eastern Europe, Cent. Asia | 1.398\* | 0.131 | -1.591\*\*\* | -0.390 | 0.601 |
|  | (0.569) | (0.397) | (0.438) | (1.238) | (1.021) |
| Latin America | 0.642 | -0.109 | -0.739 | -1.317 | -0.438 |
|  | (0.609) | (0.472) | (1.149) | (1.133) | (1.033) |
| Middle East, N. Africa | 1.807\*\* | 0.420 | -1.069\*\*\* | -0.266 | 1.607 |
|  | (0.592) | (0.399) | (0.302) | (1.162) | (1.042) |
| N. America, W. Europe | 0.147 | -0.598\* | -0.784\*\* | -1.889 | 0.043 |
|  | (0.548) | (0.335) | (0.255) | (1.281) | (1.018) |
| Constant | -4.836\*\*\* | -4.795\*\*\* | -2.193\* | -3.722\*\* | -4.366\*\* |
|  | (1.200) | (0.956) | (1.217) | (1.407) | (1.538) |
|  |  |  |  |  |  |
| Obs. | 150,119 | 79,087 | 22,876 | 50,645 | 29,497 |
| Wald χ2 | 1288.11\*\*\* | 1657.59\*\*\* | 1037.40\*\*\* | 1400.20\*\*\* | 2239.18\*\*\* |
| Pseudo r2 | .272 | .315 | .086 | .307 | .335 |
| Country Clusters | 154 | 137 | 75 | 121 | 148 |

All estimations are logistical regression analyses

Standard errors are clustered by venue country

\*\*\* p ≤ .000 \*\* p ≤ .01 \* p ≤ .1

1 Dependent variable coded 1 if the attack is against hard target and results in at least one fatality, not including the terrorist perpetrators.

**Appendix Table 2. Suicide Attacks, Hard Target and Success, Fatality Measure**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | [6] | [7] | [8] | [9] | [10] | [11] |
| Y: | Military  Hard  Target  Attack  w/ Fatalities1 | Police  Hard  Target  Attack  w/ Fatalities | Gov’t.  Hard  Target  Attack  w/ Fatalities | Violent  NSA  Hard  Target  Attack  w/  Fatalities | Military  Hard  Target  Attack  w/  Fatalities  International  Attack | Military  Hard  Target  Attack  w/ Fatalities  Domestic  Attack |
|  |  |  |  |  |  |  |
| Suicide Attack | 1.061\*\*\* | 0.528\*\*\* | 0.582\*\* | Does | 2.107\*\*\* | 1.127\*\*\* |
|  | (0.155) | (0.135) | (0.212) | Not | (0.196) | (0.156) |
| (ln) GDP, Venue State | -0.159 | -0.326\* | 0.011 | Converge | -1.817\*\*\* | -0.042 |
|  | (0.151) | (0.138) | (0.199) |  | (0.282) | (0.175) |
| (ln) Military Expen., Venue | -0.074 | 0.347\*\*\* | -0.071 |  | 0.228 | -0.043 |
|  | (0.082) | (0.076) | (0.107) |  | (0.156) | (0.107) |
| Polity, Venue State | 0.007 | -0.086\*\*\* | 0.003 |  | 0.098\* | -0.015 |
|  | (0.016) | (0.022) | (0.021) |  | (0.053) | (0.018) |
| Civil Conflict, Venue State | 0.040 | -0.037 | -0.006 |  | -0.044 | 0.081 |
|  | (0.048) | (0.059) | (0.030) |  | (0.067) | (0.062) |
| Cumulative Attacks, Venue | -0.000\*\* | 0.000 | 0.000 |  | 0.000\* | -0.000 |
|  | (0.000) | (0.000) | (0.000) |  | (0.000) | (0.000) |
| CETIS Era | 2.288\*\*\* | 1.454\*\*\* | 1.247\*\*\* |  | 1.616\* | 2.555\*\*\* |
|  | (0.255) | (0.215) | (0.219) |  | (0.628) | (0.230) |
| ISVG Era | 0.750\*\* | 1.290\*\*\* | 1.616\*\*\* |  | 1.703\* | 0.318 |
|  | (0.280) | (0.270) | (0.227) |  | (0.791) | (0.222) |
| START Era | 2.871\*\*\* | 1.882\*\*\* | 1.259\*\*\* |  | 3.234\*\*\* | 2.511\*\*\* |
|  | (0.247) | (0.293) | (0.281) |  | (0.397) | (0.310) |
| Africa | 1.146 | 1.141\* | 1.234 |  | 10.125\*\*\* | 0.610 |
|  | (1.088) | (0.602) | (0.930) |  | (0.798) | (1.091) |
| Asia | 1.292 | 0.831 | 1.299 |  | 8.091\*\*\* | 0.662 |
|  | (1.120) | (0.554) | (1.045) |  | (1.000) | (1.112) |
| Eastern Europe, Cent. Asia | 1.672 | 1.073 | 1.199 |  | 11.574\*\*\* | 0.678 |
|  | (1.070) | (0.663) | (1.005) |  | (0.942) | (1.119) |
| Latin America | 1.061 | 0.682 | 0.091 |  | 7.633\*\*\* | 0.598 |
|  | (1.123) | (0.667) | (0.976) |  | (1.006) | (1.107) |
| Middle East, N. Africa | 2.198\* | 0.886 | 0.941 |  | 11.846\*\*\* | 1.179 |
|  | (1.084) | (0.587) | (0.943) |  | (0.935) | (1.091) |
| N. America, W. Europe | -0.316 | -0.226 | -0.540 |  | 10.669\*\*\* | -2.014\* |
|  | (1.072) | (0.485) | (0.944) |  | (0.914) | (1.156) |
| Constant | -4.565\*\* | -7.820\*\*\* | -4.732\*\*\* |  | -8.032\*\*\* | -5.880\*\*\* |
|  | (1.483) | (1.406) | (1.373) |  | (1.995) | (1.628) |
|  |  |  |  |  |  |  |
| Obs. | 150,119 | 150,119 | 150,119 |  | 150,119 | 150,119 |
| Wald χ2 | 983.28\*\*\* | 816.05\*\*\* | 914.31\*\*\* |  |  | 725.67\*\*\* |
| Pseudo r2 | .154 | .126 | .094 |  | .245 | .117 |
| Country Clusters | 154 | 154 | 154 |  | 154 | 154 |

All estimations are logistical regression analyses

Standard errors are clustered by venue country

\*\*\* p ≤ .000 \*\* p ≤ .01 \* p ≤ .1

1 Dependent variable coded 1 if the attack is against hard target and results in at least one fatality, not including the terrorist perpetrators.

**Table 3. Specific Types of Hard Targets, Suicide Attacks and Success, Multinomial Logit Analysis**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [12] | | | | [13] | | | |
| Y: | Military  Target  Attacked | Police  Target  Attacked | Government  Target  Attacked | Violent NSA  Target  Attacked | Military  Target  Attack  Successful | Government  Target  Attack  Successful | Police  Target  Attack  Successful | Violent NSA  Target  Attack  Successful |
|  |  |  |  |  |  |  |  |  |
| Suicide Attack | 1.101\*\*\* | 0.537\* | 0.401\* | 0.564\*\* | 0.885\*\*\* | 0.378\* | 0.243 | 0.423\*\* |
|  | (0.321) | (0.212) | (0.200) | (0.174) | (0.206) | (0.156) | (0.166) | (0.161) |
| (ln) GDP, Venue State | 0.009 | -0.200 | -0.088 | -0.486\*\* | 0.005 | -0.197 | -0.087 | -0.452\* |
|  | (0.097) | (0.123) | (0.104) | (0.179) | (0.098) | (0.127) | (0.098) | (0.181) |
| (ln) Military Expend., Venue State | -0.204\*\* | 0.146\* | -0.077\* | -0.122 | -0.207\*\* | 0.145\* | -0.081\* | -0.095 |
|  | (0.063) | (0.067) | (0.045) | (0.099) | (0.065) | (0.065) | (0.040) | (0.098) |
| Polity, Venue State | 0.008 | -0.020 | 0.019\* | 0.072\*\* | 0.006 | -0.023 | 0.017\* | 0.066\* |
|  | (0.020) | (0.017) | (0.010) | (0.027) | (0.021) | (0.016) | (0.010) | (0.027) |
| Civil Conflict, Venue State | 0.134\*\*\* | -0.004 | -0.037 | 0.006 | 0.147\*\*\* | 0.004 | -0.035 | 0.013 |
|  | (0.036) | (0.042) | (0.029) | (0.066) | (0.036) | (0.041) | (0.027) | (0.071) |
| Cumulative Attacks, Venue State | -0.000\*\*\* | -0.000 | -0.000\* | -0.000 | -0.000\*\*\* | -0.000 | -0.000\* | -0.000 |
|  | (0.000) | (0.000) | (0.000) | (0.000) | (0.000) | (0.000) | (0.000) | (0.000) |
| CETIS Era | -0.032 | -0.173\* | -0.106 | -0.373\* | 0.024 | -0.125 | -0.089 | -0.295 |
|  | (0.183) | (0.100) | (0.100) | (0.197) | (0.178) | (0.100) | (0.097) | (0.197) |
| ISVG Era | -0.732\*\* | -0.209 | 0.180 | 0.470 | -0.720\*\* | -0.238 | 0.176 | 0.454 |
|  | (0.259) | (0.248) | (0.159) | (0.325) | (0.250) | (0.232) | (0.144) | (0.323) |
| START Era | 0.925\*\*\* | 0.372 | -0.059 | 0.686\* | 0.831\*\*\* | 0.282 | -0.199 | 0.547\* |
|  | (0.158) | (0.252) | (0.161) | (0.306) | (0.150) | (0.263) | (0.150) | (0.309) |
| Africa | -0.374 | -0.667 | -0.783\*\* | -0.342 | -0.202 | -0.547 | -0.568\* | 0.147 |
|  | (0.472) | (0.509) | (0.278) | (1.101) | (0.402) | (0.498) | (0.289) | (1.039) |
| Asia | 0.588 | -0.215 | -0.371 | 0.454 | 0.650 | -0.194 | -0.278 | 0.744 |
|  | (0.500) | (0.368) | (0.304) | (1.002) | (0.438) | (0.384) | (0.306) | (0.934) |
| Eastern Europe, Cent. Asia | 1.673\*\*\* | 0.177 | 0.001 | -0.390 | 1.691\*\*\* | 0.153 | 0.003 | -0.167 |
|  | (0.476) | (0.515) | (0.287) | (0.919) | (0.414) | (0.505) | (0.305) | (0.842) |
| Latin America | 0.780\* | -0.358 | -0.533\*\* | -1.182 | 0.936\* | -0.274 | -0.365 | -0.787 |
|  | (0.462) | (0.353) | (0.197) | (0.909) | (0.396) | (0.357) | (0.231) | (0.828) |
| Middle East, N. Africa | 1.213\*\* | -0.136 | -0.420 | 1.440 | 1.285\*\*\* | -0.094 | -0.353 | 1.668\* |
|  | (0.445) | (0.372) | (0.263) | (0.929) | (0.381) | (0.380) | (0.296) | (0.848) |
| N. America, W. Europe | 0.870 | -0.232 | -0.298 | 0.962 | 0.938\* | -0.284 | -0.240 | 1.157 |
|  | (0.541) | (0.368) | (0.216) | (0.976) | (0.490) | (0.346) | (0.261) | (0.886) |
| Constant | 0.196 | -1.767 | 1.010 | 1.316 | -0.004 | -1.991\* | 0.725 | 0.202 |
|  | (0.740) | (1.150) | (0.723) | (1.496) | (0.704) | (1.143) | (0.712) | (1.478) |
|  |  |  |  |  |  |  |  |  |
| Obs. | 150,119 | | | | 150,119 | | | |
| Wald χ2 | 19465.43\*\*\* | | | | 17370.03 \*\*\* | | | |
| Pseudo r2 | 0.0347 | | | | 0.0329 | | | |
| Country Clusters | 154 | | | | 154 | | | |

All estimations are multinomial logistical regression analyses

Base category (0) is conventional, nonsuicide attack / conventional, nonsuicide attack success

Standard errors are clustered by venue country

\*\*\* p ≤ .000 \*\* p ≤ .01 \* p ≤ .1