

*Proposed Online Appendix to:*  
Putting Our Best Boots Forward:  
US Military Deployments and Host-Country Crime.

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Table 1: Independent Variable Summary Statistics

| <b>Variable</b>                  | <b>Mean</b> | <b>Std. Dev.</b> | <b>Min.</b> | <b>Max.</b> | <b>N</b> |
|----------------------------------|-------------|------------------|-------------|-------------|----------|
| Troops                           | 1773.796    | 8900.902         | 0           | 203423      | 3186     |
| Polity                           | 2.333       | 7.057            | -10         | 10          | 3288     |
| Polity <sup>2</sup>              | 55.232      | 32.507           | 0           | 100         | 3288     |
| ln Population                    | 16.204      | 1.407            | 12.78       | 21.004      | 3288     |
| % Urban Population               | 31.947      | 38.185           | 1.565       | 1758.653    | 3288     |
| Total Unemployment Rate          | 8.725       | 5.727            | 0.2         | 39.3        | 1864     |
| Female Labor Force Participation | 50.435      | 16.689           | 9.9         | 91          | 3279     |
| ln GDP                           | 9.941       | 2.084            | 4.869       | 15.476      | 3288     |
| Infant Mortality Rate            | 49.946      | 42.995           | 2.2         | 284.78      | 3262     |
| CIRI                             | 4.749       | 2.284            | 0           | 8           | 3288     |
| Independent Judiciary            | 1.126       | 0.757            | 0           | 2           | 3257     |
| Civil War                        | 0.104       | 0.305            | 0           | 1           | 3288     |
| ln Urban Population              | 14.798      | 1.654            | 11.38       | 20.382      | 3288     |
| Time                             | 14.836      | 7.934            | 0           | 27          | 3288     |
| Report Crime                     | 0.28        | 0.449            | 0           | 1           | 3288     |

(1) Summary statistics are based on total censored and uncensored observations for the theft equation.

(2) This table provides summary statistics for the independent variables. Figures available for total unemployment do lead to a fairly substantial decrease in the number of available observations. While some of the dependent variables also impose further limits on the number of available observations, we have run the analysis without total unemployment and the change in observations from its inclusion do not seem to affect our results in any substantial ways.

Table 2: List of Countries in Sample

|             |                  |                 |
|-------------|------------------|-----------------|
| Albania     | Indonesia        | Philippines     |
| Algeria     | Ireland          | Poland          |
| Argentina   | Israel           | Portugal        |
| Armenia     | Italy            | Qatar           |
| Australia   | Jamaica          | Romania         |
| Austria     | Japan            | Russia          |
| Azerbaijan  | Jordan           | Saudi Arabia    |
| Bangladesh  | Kazakhstan       | Singapore       |
| Belgium     | Kuwait           | Slovak Republic |
| Bolivia     | Kyrgyz Republic  | Slovenia        |
| Bulgaria    | Latvia           | South Africa    |
| Canada      | Lithuania        | South Korea     |
| Chile       | Macedonia        | Spain           |
| China       | Malawi           | Sri Lanka       |
| Colombia    | Malaysia         | Sweden          |
| Costa Rica  | Mauritius        | Switzerland     |
| Croatia     | Mexico           | Syria           |
| Cyprus      | Moldova          | Thailand        |
| Denmark     | Mongolia         | Tunisia         |
| Ecuador     | Morocco          | Turkey          |
| Egypt       | Nepal            | Uganda          |
| El Salvador | Netherlands      | Ukraine         |
| Estonia     | New Zealand      | United Kingdom  |
| Finland     | Nicaragua        | Uruguay         |
| France      | Norway           | Venezuela       |
| Georgia     | Pakistan         | Yemen           |
| Germany     | Panama           | Zambia          |
| Greece      | Papua New Guinea | Zimbabwe        |
| Hungary     | Paraguay         |                 |
| India       | Peru             |                 |

Note: This list represents those states that make it into the prediction stage of our sample for the theft equation. This does not reflect a listing of all states in which the United States had deployed troops.

Table 3: Independent Variable Cross-Correlation Table

| Variables                  | (1)    | (2)    | (3)    | (4)    | (5)    | (6)    | (7)    | (8)    | (9)    | (10)   | (11)   | (12)  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| (1) Troops                 | 1.000  |        |        |        |        |        |        |        |        |        |        |       |
| (2) Polity                 | 0.126  | 1.000  |        |        |        |        |        |        |        |        |        |       |
| (3) Polity <sup>2</sup>    | 0.147  | 0.334  | 1.000  |        |        |        |        |        |        |        |        |       |
| (4) ln Population          | 0.146  | 0.082  | -0.067 | 1.000  |        |        |        |        |        |        |        |       |
| (5) % Urban Population     | 0.075  | 0.118  | 0.140  | 0.121  | 1.000  |        |        |        |        |        |        |       |
| (6) Unemployment           | -0.055 | 0.064  | -0.035 | -0.132 | -0.071 | 1.000  |        |        |        |        |        |       |
| (7) % Women in Workforce   | -0.077 | 0.002  | -0.200 | 0.010  | -0.111 | -0.134 | 1.000  |        |        |        |        |       |
| (8) ln GDP                 | 0.228  | 0.384  | 0.388  | 0.765  | 0.349  | -0.227 | -0.207 | 1.000  |        |        |        |       |
| (9) Infant Mortality Rate  | -0.106 | -0.482 | -0.425 | 0.113  | -0.259 | 0.064  | 0.309  | -0.420 | 1.000  |        |        |       |
| (10) CIRI                  | 0.078  | 0.390  | 0.445  | -0.460 | 0.036  | -0.055 | 0.051  | -0.020 | -0.386 | 1.000  |        |       |
| (11) Independent Judiciary | 0.080  | 0.523  | 0.468  | -0.329 | -0.029 | 0.002  | -0.063 | 0.028  | -0.410 | 0.535  | 1.000  |       |
| (12) Civil War             | -0.030 | -0.090 | -0.225 | 0.211  | -0.072 | 0.017  | 0.027  | 0.050  | 0.250  | -0.409 | -0.132 | 1.000 |

Note: Theft equation used to generate correlation matrix.

Table 4: Selection Stage for Table 3 in Manuscript – Total Reported Crime Rates using Heckman Selection Model with Fixed Effects in the Prediction Stage

|                     | (1)                     | (2)                     | (3)                     | (4)                     | (5)                     | (6)                     | (7)                     |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                     | Theft                   | Robbery                 | Burglary                | Drug                    | Assaults                | Rape                    | Homicides               |
| Polity              | 0.0425***<br>(0.00627)  | 0.0440***<br>(0.00613)  | 0.0419***<br>(0.00702)  | 0.0449***<br>(0.00633)  | 0.0418***<br>(0.00626)  | 0.0412***<br>(0.00618)  | 0.0434***<br>(0.00586)  |
| ln Population       | 0.0220<br>(0.0610)      | -0.00600<br>(0.0604)    | -0.00127<br>(0.0669)    | 0.0206<br>(0.0621)      | 0.0325<br>(0.0611)      | 0.00613<br>(0.0610)     | -0.0528<br>(0.0574)     |
| ln GDP              | 0.126***<br>(0.0323)    | 0.159***<br>(0.0322)    | 0.172***<br>(0.0358)    | 0.147***<br>(0.0329)    | 0.148***<br>(0.0329)    | 0.144***<br>(0.0326)    | 0.126***<br>(0.0301)    |
| CIRI                | 0.0436**<br>(0.0221)    | 0.0284<br>(0.0216)      | -0.00301<br>(0.0245)    | 0.0232<br>(0.0222)      | 0.0149<br>(0.0222)      | 0.0316<br>(0.0219)      | 0.0351*<br>(0.0206)     |
| Civil War           | 0.0608<br>(0.137)       | -0.0179<br>(0.134)      | -0.184<br>(0.163)       | -0.241*<br>(0.146)      | -0.218<br>(0.146)       | 0.0178<br>(0.135)       | -0.101<br>(0.128)       |
| ln Urban Population | -0.0219<br>(0.0596)     | -0.0378<br>(0.0592)     | -0.108*<br>(0.0641)     | -0.0632<br>(0.0606)     | -0.0691<br>(0.0603)     | -0.0331<br>(0.0602)     | 0.0494<br>(0.0557)      |
| Time                | -0.0155***<br>(0.00469) | -0.0254***<br>(0.00473) | -0.0166***<br>(0.00536) | -0.0236***<br>(0.00486) | -0.0194***<br>(0.00473) | -0.0221***<br>(0.00474) | -0.0366***<br>(0.00451) |
| Lagged Report       | 2.236***<br>(0.0702)    | 2.157***<br>(0.0697)    | 2.412***<br>(0.0790)    | 2.240***<br>(0.0715)    | 2.250***<br>(0.0703)    | 2.241***<br>(0.0701)    | 1.874***<br>(0.0649)    |
| Constant            | -3.068***<br>(0.553)    | -2.387***<br>(0.545)    | -1.793***<br>(0.610)    | -2.387***<br>(0.566)    | -2.558***<br>(0.555)    | -2.616***<br>(0.552)    | -2.427***<br>(0.524)    |
| N                   | 3288                    | 3221                    | 3390                    | 3233                    | 3293                    | 3219                    | 3232                    |
| N (Censored)        | 2368                    | 2221                    | 2714                    | 2285                    | 2415                    | 2233                    | 2402                    |
| $\rho$              | 0.0873                  | 0.0566                  | 0.0775                  | -0.0441                 | -0.0161                 | 0.00621                 | 0.00301                 |
| $\sigma$            | 205485                  | 44373                   | 63977                   | 16937                   | 38840                   | 2195                    | 1668                    |
| $\lambda$           | 17946                   | 2511                    | 4961                    | -747.3                  | -627.1                  | 13.63                   | 5.029                   |

Standard errors in parentheses

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table 5: Selection Stage for Table 4 in Manuscript – Total Reported Crime Rates Using a Heckman Selection Model with Fixed Effects in the Prediction Stage

|                     | (1)                     | (2)                     | (3)                     | (4)                     | (5)                     | (6)                     | (7)                     |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                     | Theft                   | Robbery                 | Burglary                | Drug                    | Assaults                | Rape                    | Homicides               |
| Polity              | 0.0425***<br>(0.00627)  | 0.0440***<br>(0.00613)  | 0.0419***<br>(0.00702)  | 0.0449***<br>(0.00633)  | 0.0418***<br>(0.00626)  | 0.0412***<br>(0.00618)  | 0.0434***<br>(0.00586)  |
| ln Population       | 0.0220<br>(0.0610)      | -0.00600<br>(0.0604)    | -0.00127<br>(0.0669)    | 0.0206<br>(0.0621)      | 0.0325<br>(0.0611)      | 0.00613<br>(0.0610)     | -0.0528<br>(0.0574)     |
| ln GDP              | 0.126***<br>(0.0323)    | 0.159***<br>(0.0322)    | 0.172***<br>(0.0358)    | 0.147***<br>(0.0329)    | 0.148***<br>(0.0329)    | 0.144***<br>(0.0326)    | 0.126***<br>(0.0301)    |
| CIRI                | 0.0436**<br>(0.0221)    | 0.0284<br>(0.0216)      | -0.00301<br>(0.0245)    | 0.0232<br>(0.0222)      | 0.0149<br>(0.0222)      | 0.0316<br>(0.0219)      | 0.0351*<br>(0.0206)     |
| Civil War           | 0.0608<br>(0.137)       | -0.0179<br>(0.134)      | -0.184<br>(0.163)       | -0.241*<br>(0.146)      | -0.218<br>(0.146)       | 0.0178<br>(0.135)       | -0.101<br>(0.128)       |
| ln Urban Population | -0.0219<br>(0.0596)     | -0.0378<br>(0.0592)     | -0.108*<br>(0.0641)     | -0.0632<br>(0.0606)     | -0.0691<br>(0.0603)     | -0.0331<br>(0.0602)     | 0.0494<br>(0.0557)      |
| Time                | -0.0155***<br>(0.00469) | -0.0254***<br>(0.00473) | -0.0166***<br>(0.00536) | -0.0236***<br>(0.00486) | -0.0194***<br>(0.00473) | -0.0221***<br>(0.00474) | -0.0366***<br>(0.00451) |
| Lagged Report       | 2.236***<br>(0.0702)    | 2.157***<br>(0.0697)    | 2.412***<br>(0.0790)    | 2.240***<br>(0.0715)    | 2.250***<br>(0.0703)    | 2.241***<br>(0.0701)    | 1.874***<br>(0.0649)    |
| Constant            | -3.068***<br>(0.553)    | -2.387***<br>(0.545)    | -1.793***<br>(0.610)    | -2.387***<br>(0.566)    | -2.558***<br>(0.555)    | -2.616***<br>(0.552)    | -2.427***<br>(0.524)    |
| N                   | 3288                    | 3221                    | 3390                    | 3233                    | 3293                    | 3219                    | 3232                    |
| N (Censored)        | 2368                    | 2221                    | 2714                    | 2285                    | 2415                    | 2233                    | 2402                    |
| $\rho$              | 0.0926                  | 0.0614                  | 0.0448                  | -0.0450                 | 0.0182                  | 0.0145                  | 0.00950                 |
| $\sigma$            | 202147                  | 44185                   | 62662                   | 16656                   | 37783                   | 2190                    | 1664                    |
| $\lambda$           | 18719                   | 2714                    | 2805                    | -750.2                  | 688.0                   | 31.69                   | 15.80                   |

Standard errors in parentheses

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table 6: Linear Models Predicting Crime using Same Covariates as Table 3 in Manuscript

|                       | (1)                      | (2)                   | (3)                   | (4)                     | (5)                      | (6)                   | (7)                  |
|-----------------------|--------------------------|-----------------------|-----------------------|-------------------------|--------------------------|-----------------------|----------------------|
|                       | Theft                    | Robbery               | Burglary              | Drug                    | Assault                  | Rape                  | Homicide             |
| Troops                | -1.302<br>(3.334)        | 0.624<br>(0.681)      | 1.381<br>(1.628)      | -2.063***<br>(0.334)    | -3.494***<br>(0.726)     | -0.175***<br>(0.0376) | 0.0266<br>(0.0242)   |
| Polity                | 1,067<br>(6,246)         | 2,105**<br>(865.9)    | 712.0<br>(2,616)      | -285.2<br>(394.2)       | -468.6<br>(962.8)        | -53.91<br>(47.09)     | 107.9***<br>(32.34)  |
| Polity <sup>2</sup>   | 600.8<br>(819.0)         | -145.4<br>(150.5)     | -20.07<br>(330.6)     | 236.1***<br>(66.88)     | -162.7<br>(167.9)        | 3.760<br>(7.909)      | -13.72***<br>(4.997) |
| ln Population         | -38,278<br>(117,421)     | 16,744<br>(23,793)    | 77,761<br>(52,953)    | 18,245<br>(11,667)      | -71,008***<br>(26,818)   | -98.29<br>(1,294)     | 729.0<br>(869.5)     |
| % Urban Population    | -78.01<br>(120.1)        | 14.15<br>(25.26)      | 8.467<br>(41.68)      | 3.406<br>(11.22)        | 6.144<br>(24.77)         | -0.446<br>(1.353)     | 0.109<br>(1.024)     |
| Unemployment          | 9,374***<br>(2,889)      | 139.5<br>(572.5)      | 2,625**<br>(1,291)    | -54.07<br>(261.9)       | 327.3<br>(633.1)         | 49.57<br>(31.79)      | 25.65<br>(20.41)     |
| % Women in Workforce  | -4,051<br>(2,972)        | 1,162**<br>(586.5)    | -1,873<br>(1,324)     | -190.9<br>(277.5)       | 2,609***<br>(629.2)      | 74.97**<br>(31.93)    | 28.15<br>(19.87)     |
| ln GDP                | 33,541<br>(20,959)       | 6,654<br>(4,240)      | -25,467**<br>(10,578) | 6,702***<br>(1,927)     | 14,771***<br>(4,597)     | 246.0<br>(227.8)      | -173.3<br>(150.5)    |
| Infant Mortality Rate | 52.38<br>(1,348)         | 102.9<br>(270.7)      | 296.1<br>(788.4)      | -26.37<br>(129.0)       | -117.3<br>(295.5)        | -19.26<br>(14.89)     | 16.96*<br>(9.390)    |
| CIRI                  | 51.98<br>(8,101)         | -4,459***<br>(1,619)  | -3,076<br>(3,641)     | -266.3<br>(759.3)       | 1,662<br>(1,718)         | 192.9**<br>(87.48)    | 10.29<br>(58.06)     |
| Independent Judiciary | -24,471<br>(24,344)      | -1,486<br>(4,872)     | -10,908<br>(11,327)   | -1,291<br>(2,263)       | -384.8<br>(5,345)        | 74.84<br>(264.7)      | -269.8<br>(166.8)    |
| Civil War             | 14,958<br>(43,594)       | -2,756<br>(8,303)     | 11,554<br>(24,093)    | 457.6<br>(4,351)        | 857.3<br>(10,822)        | 854.9*<br>(452.4)     | 1,213***<br>(328.9)  |
| Constant              | 1.438e+06<br>(2.326e+06) | -275,911<br>(308,736) | -669,514<br>(676,398) | -330,340**<br>(151,653) | 1.155e+06**<br>(529,960) | -6,831<br>(16,787)    | 30,720*<br>(17,501)  |
| N                     | 1,032                    | 1,102                 | 754                   | 1,047                   | 971                      | 1,086                 | 1,366                |
| R <sup>2</sup>        | 0.889                    | 0.705                 | 0.883                 | 0.789                   | 0.780                    | 0.904                 | 0.956                |

Standard errors in parentheses

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$



Table 7: Negative Binomial Models Predicting Crime using Same Covariates as Table 3 in Manuscript

|                       | (1)                     | (2)                     | (3)                     | (4)                        | (5)                    | (6)                        | (7)                       |
|-----------------------|-------------------------|-------------------------|-------------------------|----------------------------|------------------------|----------------------------|---------------------------|
|                       | Theft                   | Robbery                 | Burglary                | Drug                       | Assault                | Rape                       | Homicide                  |
| Troops                | 1.03e-05<br>(6.60e-06)  | -3.38e-06<br>(8.10e-06) | -5.15e-06<br>(1.14e-05) | -3.51e-05***<br>(1.28e-05) | 3.84e-06<br>(1.31e-05) | -3.92e-05***<br>(7.37e-06) | -6.28e-07<br>(7.04e-06)   |
| Polity                | 0.0427***<br>(0.0122)   | -0.0135<br>(0.0115)     | -0.00676<br>(0.0198)    | 0.0387***<br>(0.0135)      | 0.0201<br>(0.0174)     | -0.0108<br>(0.00960)       | 0.0721***<br>(0.00883)    |
| Polity <sup>2</sup>   | -0.00178<br>(0.00175)   | 0.00331*<br>(0.00198)   | -0.00429*<br>(0.00229)  | 0.00174<br>(0.00236)       | -0.00546*<br>(0.00314) | -0.00291*<br>(0.00160)     | -0.00819***<br>(0.00134)  |
| ln Population         | 0.254<br>(0.244)        | -0.0147<br>(0.286)      | -0.379<br>(0.392)       | -0.561<br>(0.381)          | -0.887*<br>(0.470)     | 1.388***<br>(0.250)        | 1.049***<br>(0.234)       |
| % Urban Population    | -4.31e-05<br>(0.000222) | 0.000382<br>(0.000324)  | 2.69e-05<br>(0.000274)  | -0.000219<br>(0.000364)    | 0.000209<br>(0.000406) | 0.000119<br>(0.000275)     | -0.000541**<br>(0.000239) |
| Unemployment          | 0.0101*<br>(0.00604)    | 0.0376***<br>(0.00706)  | 0.0355***<br>(0.00953)  | 0.0285***<br>(0.00873)     | 0.0187*<br>(0.0108)    | 0.00940<br>(0.00614)       | -0.00519<br>(0.00548)     |
| % Women in Workforce  | 0.0141**<br>(0.00627)   | 0.0219***<br>(0.00737)  | 0.0272***<br>(0.00925)  | 0.00906<br>(0.00939)       | 0.0485***<br>(0.0111)  | 0.0159***<br>(0.00608)     | -0.00873<br>(0.00544)     |
| ln GDP                | -0.0501<br>(0.0437)     | 0.299***<br>(0.0526)    | -0.00163<br>(0.0775)    | 0.634***<br>(0.0644)       | 0.297***<br>(0.0776)   | 0.129***<br>(0.0433)       | -0.279***<br>(0.0402)     |
| Infant Mortality Rate | -0.0127***<br>(0.00274) | -0.0182***<br>(0.00355) | 0.00711<br>(0.00555)    | -0.0156***<br>(0.00422)    | 0.00108<br>(0.00460)   | -0.00256<br>(0.00281)      | 0.00774***<br>(0.00245)   |
| CIRI                  | 0.0311*<br>(0.0161)     | -0.0765***<br>(0.0190)  | 0.0516**<br>(0.0252)    | 0.0148<br>(0.0251)         | 0.00865<br>(0.0282)    | 0.0153<br>(0.0161)         | -0.00226<br>(0.0156)      |
| Independent Judiciary | 0.0239<br>(0.0498)      | 0.0417<br>(0.0577)      | -0.0203<br>(0.0803)     | -0.0835<br>(0.0780)        | -0.0326<br>(0.0896)    | 0.0785<br>(0.0496)         | -0.0454<br>(0.0449)       |
| Civil War             | 0.0577<br>(0.0907)      | 0.0781<br>(0.102)       | -0.118<br>(0.162)       | -0.101<br>(0.137)          | -0.361**<br>(0.175)    | -0.0426<br>(0.0838)        | 0.103<br>(0.0839)         |
| Constant              | 7.196**<br>(3.464)      | 3.371<br>(4.071)        | 15.21***<br>(5.507)     | 10.38*<br>(5.416)          | 17.71***<br>(6.578)    | -16.48***<br>(3.542)       | -8.086**<br>(3.322)       |
| ln $\alpha$           | -1.659***<br>(0.0427)   | -1.290***<br>(0.0410)   | -1.369***<br>(0.0500)   | -0.933***<br>(0.0413)      | -0.690***<br>(0.0422)  | -1.628***<br>(0.0425)      | -1.482***<br>(0.0376)     |
| N                     | 1032                    | 1102                    | 754                     | 1047                       | 971                    | 1086                       | 1366                      |

Standard errors in parentheses

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$