## 2002-2009

Table 1: 2002-2009

| | ICEWS | GED | CINEP | ICEWS Underreporing | GED Underreporting |
|---|---|---|---|---|---|
| Intercept | -5.282 | -5.154 | -6.170 | -4.371 | -4.232 |
| | [ -6.489, -4.105] | [ -6.907, -3.616] | [ -7.392, -4.995] | [ -5.595, -3.196] | [ -5.476, -3.031] |
| Dist. Bogota, km (log) | 0.183 | 0.109 | 0.277 | 0.234 | 0.227 |
| | [ 0.048, 0.321] | [ -0.030, 0.254] | [ 0.139, 0.419] | [ 0.093, 0.382] | [ 0.082, 0.380] |
| Population (log) | 0.334 | 0.337 | 0.379 | 0.202 | 0.182 |
| | [ 0.249, 0.421] | [ 0.250, 0.426] | [ 0.295, 0.465] | [ 0.119, 0.286] | [ 0.095, 0.268] |
| TRI | 0.001 | 0.007 | 0.009 | 0.005 | 0.005 |
| | [ -0.003, 0.006] | [ 0.003, 0.012] | [ 0.005, 0.013] | [ 0.001, 0.009] | [ 0.001, 0.010] |
| Kappa | 1.622 | 0.761 | 2.392 | 2.230 | 2.426 |
| | [ 0.022, 16.420] | [ 0.070, 3.105] | [ 0.454, 7.637] | [ 0.204, 8.732] | [ 0.247, 9.434] |
| Sigma | 0.037 | 0.097 | 0.239 | 0.119 | 0.130 |
| | [ 0.001, 0.194] | [ 0.006, 0.349] | [ 0.034, 0.801] | [ 0.007, 0.496] | [ 0.008, 0.614] |
| Range | 185.498 | 410.517 | 130.951 | 140.056 | 128.795 |
| | [ 1.808, 1650.187] | [ 24.188, 1392.829] | [ 16.966, 337.822] | [ 9.193, 475.335] | [ 8.845, 419.735] |
| LogLik | -474.473 | -484.436 | -606.118 | -542.544 | -497.434 |
| N | 1116 | 1116 | 1116 | 1116 | 1116 |

## 2002-2004

Table 2: 2002-2004

| | ICEWS | GED | CINEP | ICEWS Underreporing | GED Underreporting |
|---|---|---|---|---|---|
| Intercept | -3.820 | -5.566 | -7.124 | -5.881 | -3.897 |
| | [ -6.177, -0.888] | [ -9.154, -2.564] | [-11.724, -3.420] | [-10.661, -2.154] | [ -7.183, -1.152] |
| Dist. Bogota, km (log) | -0.018 | 0.161 | 0.417 | 0.392 | 0.197 |
| | [ -0.453, 0.317] | [ -0.262, 0.640] | [ -0.148, 1.097] | [ -0.177, 1.102] | [ -0.218, 0.688] |
| Population (log) | 0.278 | 0.339 | 0.355 | 0.227 | 0.137 |
| | [ 0.177, 0.382] | [ 0.237, 0.445] | [ 0.254, 0.458] | [ 0.126, 0.328] | [ 0.036, 0.237] |
| TRI | 0.004 | 0.007 | 0.016 | 0.011 | 0.009 |
| | [ -0.002, 0.011] | [ 0.001, 0.014] | [ 0.010, 0.023] | [ 0.005, 0.018] | [ 0.003, 0.015] |
| Kappa | 1.189 | 0.886 | 1.293 | 1.186 | 1.707 |
| | [ 0.217, 3.822] | [ 0.269, 1.924] | [ 0.562, 2.394] | [ 0.488, 2.323] | [ 0.513, 4.015] |
| Sigma | 0.284 | 0.489 | 1.395 | 1.094 | 0.579 |
| | [ 0.059, 0.692] | [ 0.142, 1.101] | [ 0.622, 2.544] | [ 0.454, 2.084] | [ 0.200, 1.214] |
| Range | 263.306 | 354.148 | 242.868 | 264.714 | 183.858 |
| | [ 33.073, 690.542] | [106.760, 765.170] | [102.152, 437.736] | [101.292, 488.888] | [ 48.321, 393.481] |
| LogLik | -369.389 | -392.993 | -504.872 | -477.821 | -456.209 |
| N | 1116 | 1116 | 1116 | 1116 | 1116 |

## 2005-2007

Table 3: 2005-2007

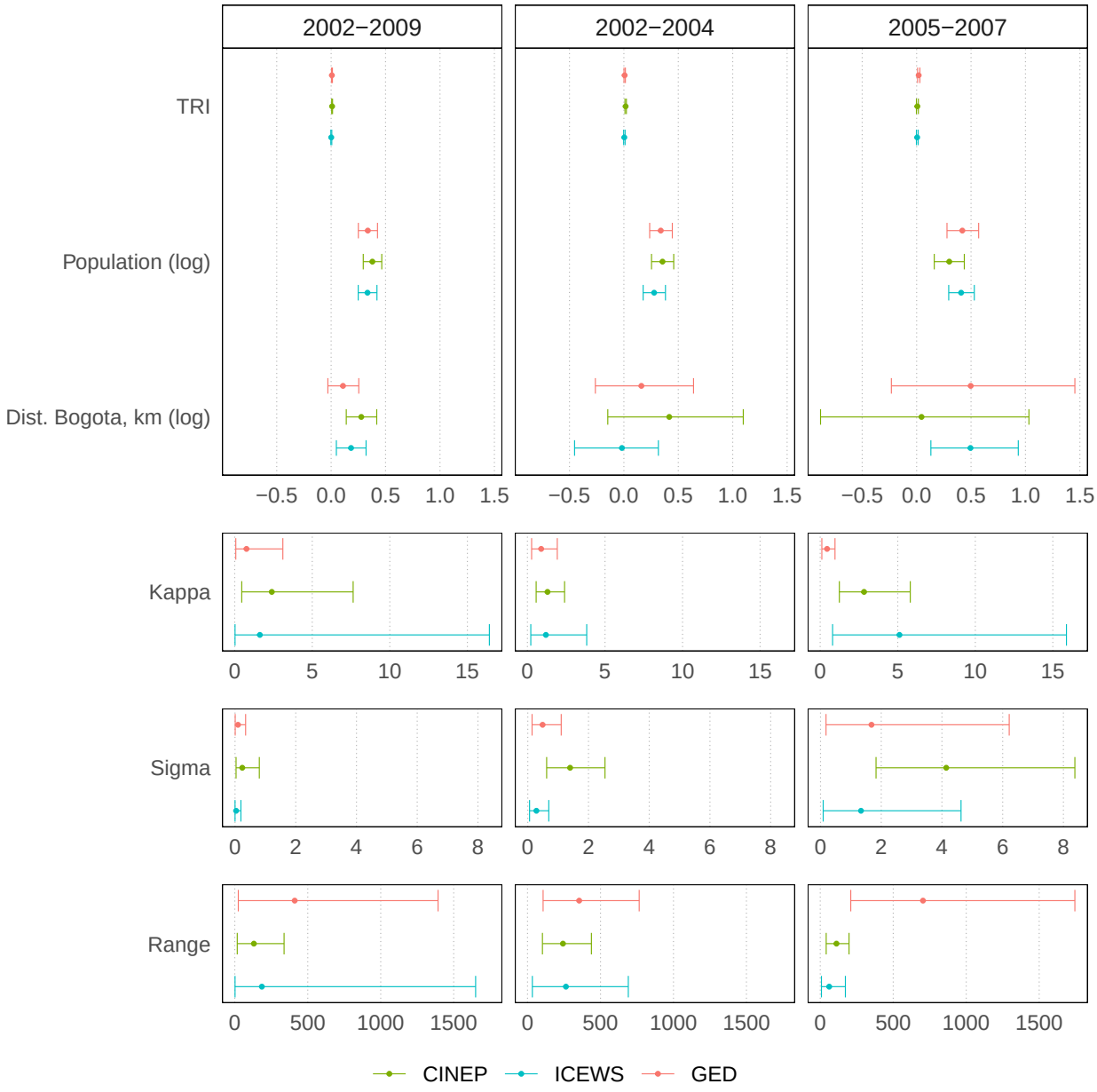
| | ICEWS | GED | CINEP | ICEWS Underreporing | GED Underreporting |
|---|---|---|---|---|---|
| Intercept | -8.326 | -9.877 | -5.214 | -3.228 | -3.877 |
| | [-11.461, -5.813] | [-23.984, 5.727] | [-11.642, 0.316] | [ -8.950, 2.097] | [ -9.494, 1.561] |
| Dist. Bogota, km (log) | 0.495 | 0.497 | 0.045 | -0.082 | 0.017 |
| | [ 0.131, 0.934] | [ -0.232, 1.454] | [ -0.883, 1.032] | [ -0.978, 0.803] | [ -0.900, 0.882] |
| Population (log) | 0.409 | 0.420 | 0.300 | 0.163 | 0.184 |
| | [ 0.295, 0.530] | [ 0.279, 0.570] | [ 0.162, 0.438] | [ 0.011, 0.310] | [ 0.033, 0.330] |
| TRI | 0.005 | 0.019 | 0.007 | 0.004 | 0.002 |
| | [ -0.002, 0.014] | [ 0.009, 0.030] | [ -0.002, 0.016] | [ -0.005, 0.014] | [ -0.007, 0.011] |
| Kappa | 5.112 | 0.446 | 2.829 | 3.465 | 4.124 |
| | [ 0.800, 15.876] | [ 0.107, 0.955] | [ 1.236, 5.809] | [ 1.122, 9.154] | [ 1.371, 11.183] |
| Sigma | 1.334 | 1.679 | 4.141 | 4.547 | 5.764 |
| | [ 0.089, 4.628] | [ 0.182, 6.215] | [ 1.829, 8.377] | [ 0.766, 16.012] | [ 1.211, 19.988] |
| Range | 61.258 | 703.923 | 110.986 | 90.525 | 76.053 |
| | [ 7.967, 172.096] | [209.010, 1744.483] | [ 40.597, 197.060] | [ 20.202, 185.206] | [ 16.474, 153.653] |
| LogLik | -290.305 | -192.089 | -299.203 | -265.236 | -273.844 |
| N | 1116 | 1116 | 1116 | 1116 | 1116 |

## 2008-2009

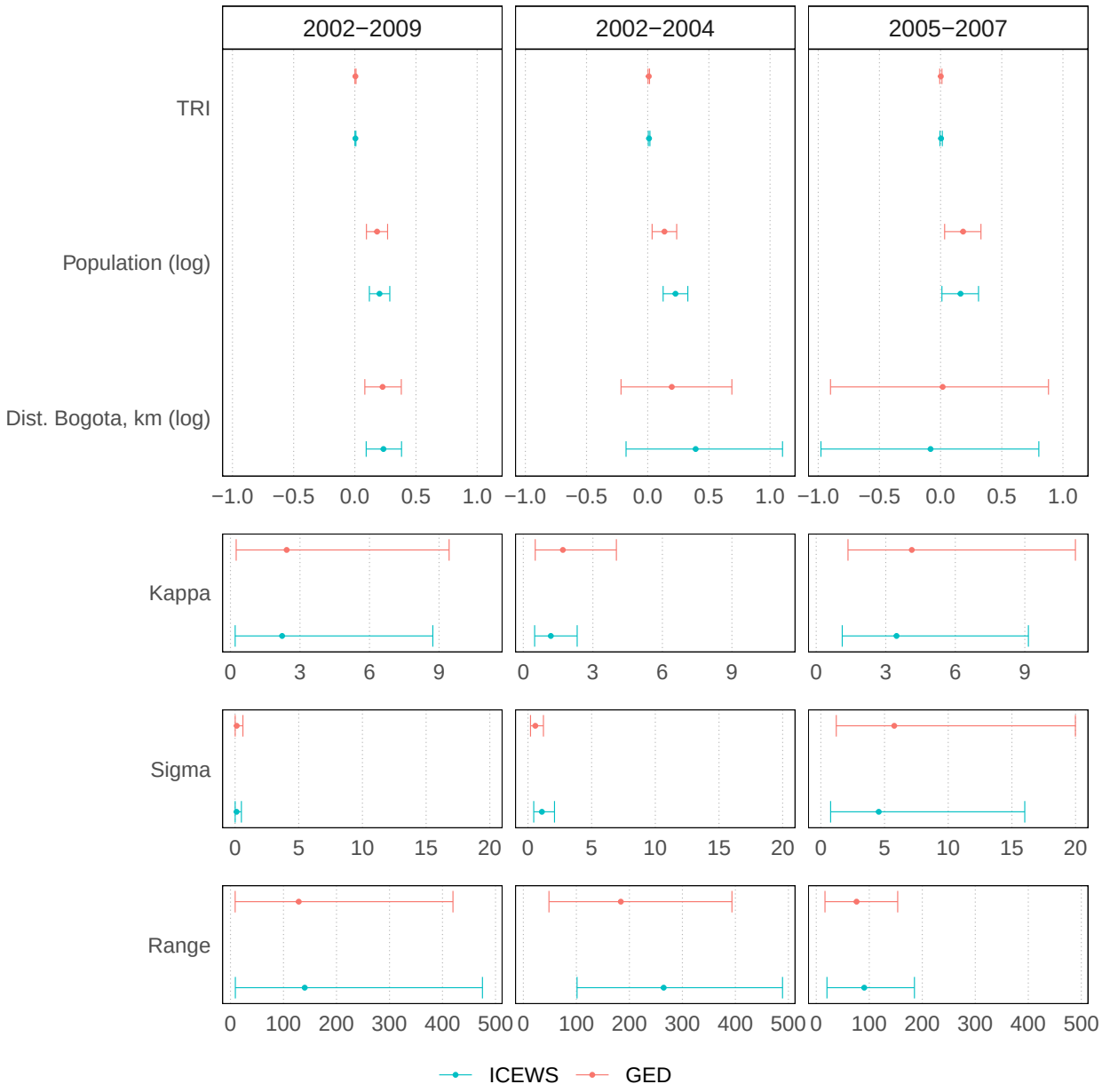
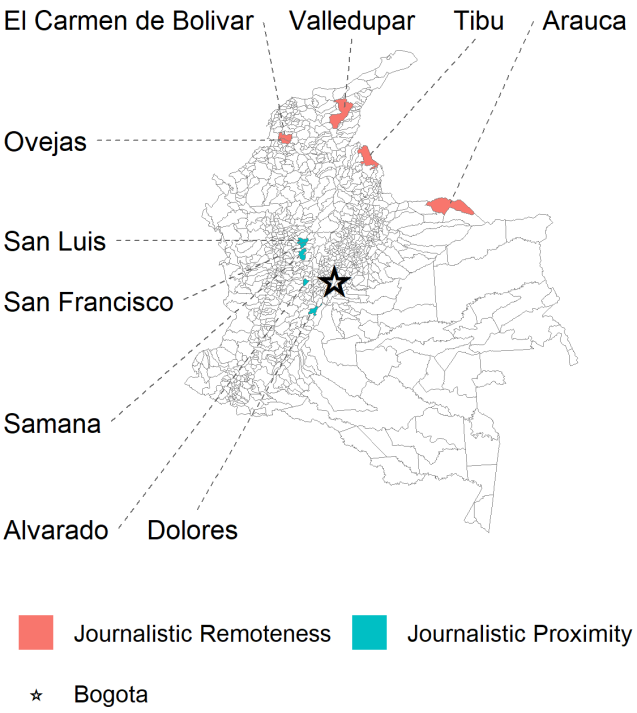
Table 4: 2008-2009

| | ICEWS | GED | CINEP | ICEWS Underreporing | GED Underreporting |
|---|---|---|---|---|---|
| Intercept | -7.026 | -9.563 | -7.999 | -7.866 | -7.260 |
| | [-10.008, -4.852] | [-19.451, -2.865] | [-14.084, -3.107] | [-13.958, -3.126] | [-12.097, -3.044] |
| Dist. Bogota, km (log) | 0.334 | 0.502 | 0.316 | 0.429 | 0.272 |
| | [ 0.019, 0.696] | [ -0.469, 1.791] | [ -0.463, 1.209] | [ -0.322, 1.331] | [ -0.408, 0.969] |
| Population (log) | 0.359 | 0.389 | 0.384 | 0.306 | 0.322 |
| | [ 0.236, 0.502] | [ 0.220, 0.567] | [ 0.237, 0.539] | [ 0.154, 0.461] | [ 0.172, 0.480] |
| TRI | -0.005 | 0.014 | 0.016 | 0.015 | 0.015 |
| | [ -0.013, 0.004] | [ 0.002, 0.027] | [ 0.005, 0.027] | [ 0.004, 0.026] | [ 0.005, 0.027] |
| Kappa | 5.260 | 0.753 | 2.282 | 2.532 | 4.066 |
| | [ 0.340, 27.123] | [ 0.222, 1.642] | [ 0.883, 5.176] | [ 0.908, 5.840] | [ 1.135, 11.926] |
| Sigma | 1.406 | 1.964 | 2.704 | 2.628 | 3.736 |
| | [ 0.011, 23.437] | [ 0.621, 4.281] | [ 0.885, 6.330] | [ 0.876, 5.928] | [ 0.535, 15.674] |
| Range | 59.129 | 416.541 | 137.521 | 123.964 | 77.105 |
| | [ 2.063, 241.721] | [123.925, 912.523] | [ 41.722, 259.041] | [ 35.620, 242.569] | [ 13.525, 168.488] |
| LogLik | -192.443 | -150.963 | -212.514 | -208.315 | -184.795 |
| N | 1116 | 1116 | 1116 | 1116 | 1116 |

**Coefficient and GMRF parameter plots for SPDE models for at least one FARC HRV Three Datasets In Indicated Periods**



**Coefficient and GMRF parameter plots for SPDE models of Undereporting of FARC HRVs ICEWS or GED in comparison with CINEP in Indicated Periods**



## Colombia Map