Table S5. Estimation of population coverage with all improved sanitation.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Random Effects a** | | **Fixed Effects** | |
|  | **Simple model** | **Full modelb** | **Simple model** | **Full model** |
| 5-yr lagged ln GDP per capita | 10.4\*\*\* (2.2) | 9.2\*\*\* (1.6) | 9.3\*\*\* (2.5) | 5.6\*\*\* (1.9) |
| % of GDP to lowest 80% of population | -0.044 (0.097) | -0.11 (0.096) | -0.31 (0.10) | -0.047 (0.098) |
| % Urban population | 0.37\*\*\* (0.12) | 0.54\*\*\* (0.10) | 0.44\*\* (0.19) | 0.54\*\*\* (0.18) |
| Countries in LAC region | 18.9\*\*\* (6.4) | 7.9\* (4.7) |  |  |
| Countries in MIDEAST region | 28.0\*\*\* (6.7) | 17.4\*\*\* (4.5) |  |  |
| Countries in SOUTH ASIA region | 14.7 (9.3) | 9.0 (9.6) |  |  |
| Countries in EAST ASIA / PACIFIC region | 17.8\*\*\* (6.7) | 9.9\* (5.4) |  |  |
| Countries in EASTERN EUROPE region | 38.1\*\*\* (5.2) | 26.9\*\*\* (3.9) |  |  |
| 1990 | -5.3\*\*\* (1.3) | -1.5 (1.0) | -5.0\*\*\* (1.7) | -3.2\*\* (1.5) |
| 1995 | -3.6\*\*\* (0.95) | -1.3\* (0.78) | -3.5\*\*\* (1.3) | -2.6\*\* (1.1) |
| 2000 | -1.7\*\* (0.70) | 0.24 (0.53) | -1.6\* (0.91) | -0.98 (0.77) |
| 2005 | -0.29 (0.37) | 0.48\* (0.26) | -0.28 (0.49) | -0.16 (0.41) |
| Democracy-Autocracy Score | -0.076 (0.089) | 0.063 (0.085) | -0.095 (0.092) | -0.059 (0.096) |
| Years since last regime change | -0.0056 (0.033) | -0.0062 (0.030) | -0.012 (0.034) | -0.039 (0.036) |
| Coup | 0.33 (0.90) | -0.61 (0.95) | 0.48 (0.90) | -0.36 (0.96) |
| Constant | -51.3\*\*\* (14.5) | -40.7\*\*\* (11.6) | -33.3 (20.5) | -3.9 (17.8) |
| Number of observations | 470 | 634 | 470 | 634 |
| Adjusted R2 (overall)  (within)  (between) | 0.749  0.569  0.760 | 0.751  0.449  0.757 | 0.628  0.571  0.638 | 0.625  0.467  0.623 |

*Notes*: \*Significant at 90%, \*\*Significant at 95%, \*\*\*Significant at 99%.Robust standard errors presented in parentheses, clustered at the country level.

a A random-effects tobit model that allows censoring at 0 and 100% coverage does not yield qualitatively different results.

b Includes all countries (including developed and former Soviet republics dropped from the simple model; as in the other coverage regressions the omitted region is SSA; the omitted year is 2010.