On-Line Appendix

Making Embedded Knowledge Transparent: How the V-Dem Opens New Vistas in Civil Society Research

Table A-1: Pairwise Correlations between the Civil Society Participatory Environment, the Core Civil Society Index, and Civil Society Participation Index Indicators

|  |  |  |  |
| --- | --- | --- | --- |
|  | v2csprtcpt | v2xcs\_ccsi | v2x\_cspart |
| v2csprtcpt | 1.0000 |  |  |
| v2xcs\_ccsi | 0.8468 | 1.0000 |  |
| v2x\_cspart | 0.8876 | 0.9068 | 1.0000 |

Table A-2: Factor analysis scores for CSPI components

|  |  |  |
| --- | --- | --- |
| *Variable* | *Loading* | *Uniqueness* |
| v2cscnsult | 0.84 | 0.24 |
| v2csprtcpt | 0.81 | 0.31 |
| v2csgender | 0.62 | 0.58 |
| v2pscnslnl | 0.66 | 0.54 |

*10,000 MCMC iterations with 5,000 iterations as burn-in. Chains = 1, thin = 10. Examination of trace and posterior density plots provide evidence that the MCMC chain has reached its stationary distribution.*

Table A-3: Factor analysis scores for CCSI components

|  |  |  |
| --- | --- | --- |
| *Variable* | *Loading* | *Uniqueness* |
| v2cseeorgs | 0.96 | 0.07 |
| v2csreprss | 0.89 | 0.19 |
| v2csprtcpt | 0.81 | 0.32 |

*15,000 MCMC iterations with 10,000 iterations as burn-in. Chains = 1, thin = 10. Examination of trace and posterior density plots provide evidence that the MCMC chain has reached its stationary distribution.*

Table A-4: Relative Strength of Civil Society Participatory Environment Using Random Effects TSCS Regressions

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | 4.1 | | 4.2 | | 4.3 | | 4.4 | | 4.5 | | 4.6 | | 4.7 | | 4.8 | |
| Reference Category | Postcommunist | | | | | | | | Fomer Eastern Bloc | | | | | | | |
| Lagged DV | 0.903 | \*\*\* | 0.893 | \*\*\* | 0.922 | \*\*\* | 0.910 | \*\*\* | 0.909 | \*\*\* | 0.894 | \*\*\* | 0.923 | \*\*\* | 0.908 | \*\*\* |
|  | (0.017) |  | (0.017) |  | (0.015) |  | (0.016) |  | (0.015) |  | (0.017) |  | (0.015) |  | (0.016) |  |
| Logged GDP/capita | -18.745 | \*\* | -1.969 |  | -11.403 |  | 13.424 |  | -20.626 | \*\* | -1.112 |  | -16.882 | \* | 12.432 |  |
| (Divided by 1000) | (9.215) |  | (12.429) |  | (10.060) |  | (12.992) |  | (8.781) |  | (11.976) |  | (9.162) |  | (12.438) |  |
| Clean Election Index | 0.181 | \*\*\* | 0.166 | \*\*\* |  |  |  |  | 0.167 | \*\*\* | 0.148 | \*\*\* |  |  |  |  |
|  | (0.040) |  | (0.042) |  |  |  |  |  | (0.039) |  | (0.039) |  |  |  |  |  |
| Decades of Democracy |  |  |  |  | 0.011 | \*\*\* | 0.005 |  |  |  |  |  | 0.013 | \*\*\* | 0.004 |  |
|  |  |  |  |  | (0.004) |  | (0.004) |  |  |  |  |  | (0.004) |  | (0.004) |  |
| *Regions* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Postcommunist Eurasia | -0.027 |  |  |  | 0.005 |  |  |  |  |  |  |  |  |  |  |  |
|  | (0.022) |  |  |  | (0.024) |  |  |  |  |  |  |  |  |  |  |  |
| Former Soviet Union |  |  |  |  |  |  |  |  |  |  | -0.111 | \*\*\* |  |  | -0.135 | \*\*\* |
|  |  |  |  |  |  |  |  |  |  |  | (0.034) |  |  |  | (0.035) |  |
| Former East Bloc |  |  |  |  |  |  |  |  | 0.035 |  |  |  | 0.081 | \*\*\* |  |  |
|  |  |  |  |  |  |  |  |  | (0.022) |  |  |  | (0.022) |  |  |  |
| Western Europe |  |  | 0.067 | \*\* |  |  | 0.049 |  |  |  | 0.014 |  |  |  | -0.015 |  |
|  |  |  | (0.034) |  |  |  | (0.033) |  |  |  | (0.035) |  |  |  | (0.035) |  |
| Asia |  |  | -0.013 |  |  |  | -0.029 |  |  |  | -0.073 | \* |  |  | -0.101 | \*\*\* |
|  |  |  | (0.037) |  |  |  | (0.037) |  |  |  | (0.038) |  |  |  | (0.037) |  |
| Oceania |  |  | 0.018 |  |  |  | -0.006 |  |  |  | -0.035 |  |  |  | -0.070 |  |
|  |  |  | (0.041) |  |  |  | (0.046) |  |  |  | (0.042) |  |  |  | (0.048) |  |
| Sub-Saharan Africa |  |  | 0.091 | \*\*\* |  |  | 0.070 | \*\* |  |  | 0.029 |  |  |  | -0.002 |  |
|  |  |  | (0.034) |  |  |  | (0.033) |  |  |  | (0.035) |  |  |  | (0.033) |  |
| Middle East/North Africa |  |  | -0.042 |  |  |  | -0.087 | \*\* |  |  | -0.105 | \*\*\* |  |  | -0.160 | \*\*\* |
|  |  |  | (0.034) |  |  |  | (0.039) |  |  |  | (0.037) |  |  |  | (0.042) |  |
| North America |  |  | 0.073 |  |  |  | 0.047 |  |  |  | 0.017 |  |  |  | -0.019 |  |
|  |  |  | (0.062) |  |  |  | (0.047) |  |  |  | (0.063) |  |  |  | (0.050) |  |
| Latin America |  |  | 0.017 |  |  |  | 0.021 |  |  |  | -0.039 |  |  |  | -0.049 |  |
|  |  |  | (0.029) |  |  |  | (0.030) |  |  |  | (0.030) |  |  |  | (0.030) |  |
| Constant | 0.176 | \*\*\* | 0.018 |  | 0.177 | \*\* | -0.023 |  | 0.187 | \*\*\* | 0.079 |  | 0.211 | \*\*\* | 0.057 |  |
|  | (0.065) |  | (0.105) |  | (0.077) |  | (0.113) |  | (0.063) |  | (0.102) |  | (0.072) |  | (0.108) |  |
| Number of Observations | 3038 | | 3038 | | 3011 | | 3011 | | 3038 | | 3038 | | 3011 | | 3011 | |
| Number of Countries | 152 | | 152 | | 151 | | 151 | | 152 | | 152 | | 151 | | 151 | |
| Within R-Square | 0.69 | | 0.69 | | 0.685 | | 0.686 | | 0.689 | | 0.690 | | 0.685 | | 0.686 | |
| Between R-Square | 0.995 | | 0.995 | | 0.996 | | 0.995 | | 0.996 | | 0.995 | | 0.996 | | 0.995 | |
| Overall R-Square | 0.956 | | 0.956 | | 0.956 | | 0.956 | | 0.956 | | 0.957 | | 0.956 | | 0.956 | |
| Two-tailed tests with robust standard errors in parentheses; \*\*\* p<.01, \*\* p<.05, \* p<.1 | | | | | | | | | | | | | | | | |

Table A-4: Relative Strength of Civil Society Participatory Environment Using Random Effects TSCS Regressions (continued)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | 4.9 | | 4.10 | | 4.11 | | 4.12 | |
| Reference Category | Former Soviet Union | | | | | | | |
| Lagged DV | 0.899 | \*\*\* | 0.894 | \*\*\* | 0.917 | \*\*\* | 0.908 | \*\*\* |
|  | (0.017) |  | (0.017) |  | (0.016) |  | (0.016) |  |
| Logged GDP/capita | -16.272 | \* | -1.112 |  | -5.514 |  | 12.432 |  |
| (Divided by 1000) | (9.479) |  | (11.976) |  | (9.815) |  | (12.438) |  |
| Clean Election Index | 0.176 | \*\*\* | 0.148 | \*\*\* |  |  |  |  |
|  | (0.039) |  | (0.039) |  |  |  |  |  |
| Decades of Democracy |  |  |  |  | 0.009 | \*\* | 0.004 |  |
|  |  |  |  |  | (0.004) |  | (0.004) |  |
| *Regions* |  |  |  |  |  |  |  |  |
| Postcommunist Eurasia |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| Former Soviet Union | -0.080 | \*\*\* |  |  | -0.070 | \*\* |  |  |
|  | (0.029) |  |  |  | (0.030) |  |  |  |
| Former East Bloc |  |  | 0.111 | \*\*\* |  |  | 0.135 | \*\*\* |
|  |  |  | (0.034) |  |  |  | (0.035) |  |
| Western Europe |  |  | 0.124 | \*\*\* |  |  | 0.120 | \*\*\* |
|  |  |  | (0.042) |  |  |  | (0.043) |  |
| Asia |  |  | 0.038 |  |  |  | 0.034 |  |
|  |  |  | (0.041) |  |  |  | (0.040) |  |
| Oceania |  |  | 0.075 |  |  |  | 0.065 |  |
|  |  |  | (0.047) |  |  |  | (0.051) |  |
| Sub-Saharan Africa |  |  | 0.140 | \*\*\* |  |  | 0.133 | \*\*\* |
|  |  |  | (0.037) |  |  |  | (0.036) |  |
| Middle East/North Africa |  |  | 0.006 |  |  |  | -0.025 |  |
|  |  |  | (0.036) |  |  |  | (0.039) |  |
| North America |  |  | 0.128 | \* |  |  | 0.116 | \*\* |
|  |  |  | (0.066) |  |  |  | (0.054) |  |
| Latin America |  |  | 0.072 | \*\* |  |  | 0.086 | \*\* |
|  |  |  | (0.035) |  |  |  | (0.036) |  |
| Constant | 0.164 | \*\* | -0.031 |  | 0.140 | \* | -0.078 |  |
|  | (0.067) |  | (0.102) |  | (0.076) |  | (0.106) |  |
| Number of Observations | 3038 | | 3038 | | 3011 | | 3011 | |
| Number of Countries | 152 | | 152 | | 151 | | 151 | |
| Within R-Square | 0.690 | | 0.690 | | 0.685 | | 0.686 | |
| Between R-Square | 0.995 | | 0.995 | | 0.995 | | 0.995 | |
| Overall R-Square | 0.956 | | 0.957 | | 0.956 | | 0.956 | |

Two-tailed tests with robust standard errors in parentheses; \*\*\* p<.01, \*\* p<.05, \* p<.1