Formal Independence of Privatization Agencies in Africa: 1990-2007 Dataset

Notes on dataset construction

Dataset collected and coded by M. Anne Pitcher and Manuel P. Teodoro with the support of students at the University of Michigan and Colgate University including Courtney Dunleavy, Cassandra Grafstrom, Peter Carroll, and Jessica Steinberg.

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Data were compiled from several sources into a single master file for analysis: <AfricanPrivatization.xls>. Here we describe each source that contributed to that file.

Privatization transactions. Dependent variable data on privatization were drawn from the World Bank's *Privatization Database,* which is available at http://data.worldbank.org/data-catalog/privatization-database. It includes data on privatization transactions of at least US$1 million in developing countries from 2000 to 2008, and all privatization transactions from 1990 through 1999. These data are saved as <PrivatizationData00_07> and <PrivatizationData88_99.xls>, respectively. In each of these files, the raw data are on a sheet entitled 'Data,' while the annual total count of transactions is summarized on a sheet entitled 'Annual Totals.'

Initial privatization counts. Counts for the number of state-owned enterprises (SOEs) in each sampled country are listed in the file <Contingent_Technocracy_Initial SOE counts.xls>. The country-specific sources for initial SOE counts are detailed in the supplemental materials, Appendix A.

Agency independence. Agency independence scores are calculated based on coded enabling legislation in each of the sampled countries, included in the file <Agency Independence_Coding_JPP dataverse.xls>. In that file, the sheet entitled 'indep_scoring' organizes the data by country-year, gives the coding details, and calculates annual independence indices. The calculation flows from left-to-right,

with the final independence scores reported on 'indepX,' column *AV*. A codebook with rules for coding agency independence is included as <Bureaucratic Independence Codebook.pdf>. A bibliography of specific legislation coded is listed in Appendix B of the supplemental materials to the *Journal of Public Policy* article.

Democracy. Democracy metrics were drawn from the 2014 Polity IV dataset, saved as <p4v2014.xls>. The Polity IV data are available from: http://www.systemicpeace.org/polity/polity4.htm.

Population & economy. Data for population and economic variables were drawn from the United Nations (see http://unstats.un.org/unsd/snaama/dnllist.asp). These are saved as <UN_Population.xls>, <UN GDPcurrent-USD.xls>, and <UN data on govt expenditures.xls>; the latter shows how we calculate government expenditures as a percentage of gross domestic product in column M.

IMF agreement data. The propensity score calculations included data on International Monetary Fund (IMF) agreements for the countries in our model. We drew these data from:

Dreher, Axel. 2006. "IMF and Economic Growth: The Effects of Programs, Loans, and Compliance with Conditionality," *World Development* 34(5): 769-788.

Data at: http://www.uni-heidelberg.de/fakultaeten/wiso/awi/professuren/intwipol/datasets_en.html. They are saved as <Dreher IMF and WB data.xls>.