Codebook for Zambian Chiefdom Data Set

This codebook contains a description of the variables in the chiefdom-level data set used in *Why Vote with the Chief? Political Connections and the Performance of Representatives in Zambia.* The chiefdom-level data set used in this paper was constructed from a wide variety of sources. Little information has previously been collected on Zambian chiefdoms, which are historically defined entities that do not fit neatly into modern administrative units. Many of the variables used in the analysis are from an original survey of 110 chiefs that I developed and administered with a team of research assistants. In addition, I georeferenced colonial-era maps indicating the boundaries of chiefdoms, and this allowed me to aggregate fine-grained georeferenced data on government programming and electoral results to the chiefdom-level. The data set also includes a number of variables created from parliamentary data, census data, and records on chiefs accessed through the Ministry of Local Government and Housing, and the National Archives of Zambia.

- *chiefcode*: Unique identifier for each chiefdom in the data set
- *constcode*: Unique identifier for each constituency in the data set
- *connectionsMPchief*: Natural log of the number of years (+1) the chief had known the MP in 2007 (Survey of Chiefs 2007)
- *connectionsoldMPchief*: Natural log of the number of years (+1) the chief had known the MP in 2002-2006 (Survey of Chiefs 2007)
- *diffconnectionsincumbopp*: Natural log of number of years (+1) the chief had known the incumbent party candidate in the 2006 parliamentary elections minus the natural log of the number of years (+1) the chief had known the opposition candidate in 2006 (Survey of Chiefs 2007, Electoral Commission of Zambia 2001 Parliamentary Results, Electoral Commission of Zambia 2006 Parliamentary Results)
- *tempclass08*: Number of classrooms made in part of mud, pole or other non-permanent materials at public primary schools falling within chiefdom boundaries during the 2007-08 school year (survey conducted in approximately January 2008). In four cases, chiefdom boundaries were not marked on the Colonial-Era Boundary Maps. I established the boundaries of these chiefdoms by examining how these chiefdoms lined up with wards in the 2000 census data. (Zambia Ministry of Education EdAssist 2007 & 2008, Chiefdom Colonial-Era Boundary Maps)
- *tempclass07*: Number of classrooms made in part of mud, pole or other non-permanent materials at public primary schools falling within chiefdom boundaries during the 2006-07 school year (Zambia Ministry of Education EdAssist 2007, Chiefdom Colonial-Era Boundary Maps)

- *changeclasspp0206*: Average annual change in the number of temporary classrooms per 100 students at public primary schools falling within chiefdom boundaries between 2002 and 2006. This measure was only constructed in cases where the current chief was installed pre-2006 and the current MP was in his (or her) first term (Zambia Ministry of Education EdAssist 2002 & 2006, Chiefdom Colonial-Era Boundary Maps)

- *schoolsoutsidechpp*: Change in number of temporary classrooms per 100 students at public primary schools falling within other chiefdoms in the same constituency during the 2007-08 school year (Zambia Ministry of Education EdAssist 2007 & 2008, Constituency Boundary Map, Chiefdom Colonial-Era Boundary Maps)

- *classneedper100*: Number of classrooms per hundred students during the 2006-07 school year at schools falling within chiefdom boundaries (Zambia Ministry of Education EdAssist 2007, Chiefdom Colonial-Era Boundary Maps)

- *MPresponsetochief*: Binary variable indicating whether or not the MP responded to at least one request for public goods from the chief during 2006-07 (Survey of Chiefs 2007)

- *landconversionbychief*: Binary variable indicating whether the chief in 2007 converted customary land to leasehold tenure at least once per year (Survey of Chiefs 2007)

- *pop1000*: Population of chiefdom in 1000s of people (Zambia 2000 Census of Population and Housing)

- *experienceMP*: Number of years since the MP in 2007 was first elected (Parliament of Zambia Public Parliamentary Handbook 2006)

- *localMP*: Binary variable indicating whether the MP in 2007 was from the chiefdom (Survey of Chiefs 2007)

- *univMP*: Binary variable indicating whether the MP in 2007 had a university degree (Parliament of Zambia Public Parliamentary Handbook 2006)

- *cabinetMP*: Binary variable indicating whether the MP in 2007 had ever been a cabinet minister (Parliament of Zambia Public Parliamentary Handbook 2006)

- *experiencechief*: Number of years since chief in 2007 was installed (Survey of Chiefs 2007)

- *agechief*: Age of chief in 2007 in years (Survey of Chiefs 2007)

- *secondaryedchief*: Binary variable indicating whether or not chief in 2007 had completed secondary education (Survey of Chiefs 2007)

- *politicalexpchief*: Binary variable indicating whether or not chief in 2007 had ever been elected to office or held office in a political party (Survey of Chiefs 2007)

- *yearinstalledchief*: Year in which chief installed (Survey of Chiefs 2007)

- *metinoffice*: Binary variable indicating whether the MP met the chief prior to being elected to office (Survey of Chiefs 2007, Parliament of Zambia Public Parliamentary Handbook 2006)

- *MMD06*: Binary variable indicating whether the MP elected in 2006 election was from the governing MMD party (Parliament of Zambia Public Parliamentary Handbook 2006)

- *voteMP06*: Proportion of the vote for the elected MP within the chiefdom in the 2006 parliamentary elections (Polling District Results for 2006 Parliamentary Elections, Polling District Boundary Maps, Chiefdom Colonial-Era Boundary Maps)

- *diffvoteconst06*: Difference in the proportion of the vote won by the elected MP and his closest competitor at the constituency level in the 2006 parliamentary elections (Electoral Commission of Zambia 2006 Parliamentary Results)

- *percturnout*: Number of votes cast in the chiefdom in the 2006 parliamentary election over the total number of people living in the chiefdom in 2000 (Polling District Results for 2006 Parliamentary Elections, Polling District Boundary Maps, Chiefdom Colonial-Era Boundary Maps, Zambia 2000 Census of Population and Housing)

- *missingchief08*: Number of months in 2008 in which chiefdom did not have a chief installed (Ministry of Local Government and Housing Records)

- *percgoodroads*: Proportion of roads (paved and unpaved) in the chiefdom on the national trunk network indicated to be in good condition by an independent contractor to the Zambia Road Development Agency in June and July 2006 (Roughton International Survey of Roads 2006)

- *percpriorityroads*: Proportion of roads in the chiefdom that are considered main trunk roads by the government because they connect major cities or international boundaries (Roughton International Survey of Roads 2006)

- *incumbvote06*: Proportion of the vote for the incumbent party candidate in the 2006 parliamentary elections in each chiefdom, aggregated from polling district level results (Polling District Results for 2006 Parliamentary Elections, Polling District Boundary Maps, Chiefdom Colonial-Era Boundary Maps)

- *incumbvote01*: Proportion of the vote for the winning party in the 2001 parliamentary elections at the constituency level. Unfortunately, polling-district level results were not compiled during the 2001 election, so it is not possible to construct chiefdom-level estimates of support for the incumbent party; instead, I assign the constituency-level results to each chiefdom within the constituency (Electoral Commission of Zambia 2001 Parliamentary Results)

- *localincumbent*: Binary variable indicating whether the incumbent party candidate in the 2006 parliamentary election was from the chiefdom (Survey of Chiefs 2007)

- *experienceincumbent*: Number of years since the incumbent candidate in 2006 was first elected; in cases where the incumbent party changed their candidate, the new candidate was assumed to have never before been elected (Parliament of Zambia Public Parliamentary Handbook 2004)

- *localoppcandidate*: Binary variable indicating whether the opposition party candidate in the 2006 parliamentary election was from the chiefdom (Survey of Chiefs 2007)

- *numcandidates*: Number of candidates running for election in each constituency in the 2006 parliamentary elections (Electoral Commission of Zambia 2006 Parliamentary Results)
- *incumbcand*: Binary variable indicating whether the incumbent MP contested the 2006 parliamentary elections (Electoral Commission of Zambia 2006 Parliamentary Results, Parliament of Zambia Public Parliamentary Handbook 2004)
- *MMD01*: Binary variable indicating whether the MP between 2002-2005 was from the governing MMD party (Parliament of Zambia Public Parliamentary Handbook 2004)
- *UPND01*: Binary variable indicating whether the MP between 2002-2005 was from the largest opposition party at the time, the UPND. Note that the excluded category is not PF incumbent, because the Patriotic Front won only one seat during the 2001 parliamentary elections; it is UNIP incumbent, because UNIP – the party that led Zambia to independence and governed it until 1991 – had a significant base of support in 2001 which subsequently collapsed (Parliament of Zambia Public Parliamentary Handbook 2004)