Codebook for National Oil Companies (NOC) Dataset

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Variable names and descriptions for National Oil Companies database of 175 sovereign countries over the 1905–2015 period. When using these data, please cite the following reference:

> Mahdavi, Paasha. 2020. *Power Grab: Political Survival through Extractive Resource Nationalization.* Cambridge, UK and New York, NY: Cambridge University Press.

Variables:

year Numeric year

wdicode Three-letter World Bank WDI country code

ctyyr Three-letter World Bank WDI country code concatenated with year

country Full country name, using World Bank WDI names

sovereign Dummy indicator of whether country is sovereign and independent in given year. Source: World Bank, Cheibub et al. (2009).

noc *NOC*: Is there an upstream nationalized oil company with $> 50\%$ state ownership? Baseline question to determine if there is a NOC in given year that is involved in the upstream sector. Includes more privatized NOCs where minority shares are not owned by government (e.g. Petrobras: $48\% private ownership$). Does not include NOCs only involved in the downstream sector, e.g. refining NOCs such as Hydro-Congo during the 1972-1998 period.

fnoc *Fully-owned NOC*: Does the state own 100% of the NOC? Coded 1 for NOCs that are fully state owned, and 0 for countries without NOCs or with NOCs that are majority (but not fully) owned by the state.

opnoc *Operational NOC*: Does the NOC have de facto upstream production capacity? This refers to the ability to physically operate and produce from petroleum fields. Coding as 0 means that the NOC itself does not produce but that it either oversees the other companies or is merely a shell for IOC contracts.

mpnoc *Majority producing NOC*: Is the NOC a substantial producer – does it de facto produce more than 50% of the country's total production? This is meant to determine if the NOC is relevant in the oil sector.

rnoc *Regulatory NOC*: Does the NOC have oversight or regulatory power over other oil companies in the sector? Coding as 0 means that the NOC is not an overseer; it could either simply be a producer/operator or a contract negotiator. If both `opnoc` and `rnoc` are coded 0 this means that the NOC is neither an overseer nor a producer, but simply a shell for contracting or even just a downstream company. If `opnoc` is coded 0 but `rnoc` is coded 1, this means the NOC is only an overseer (and a contracter too). If both `opnoc` and `rnoc` are coded 1, this means that the NOC is a producing company which oversees IOCs through activities like joint ventures or the negotiation of PSAs as well as tax-and-royalty contracts/concessions.

competing Are there multiple competing NOCs in the country? Coded 1 if yes, 0 if not.

nationalization Dummy indicator for year of nationalization, calculated as first year of NOC establishment; zero otherwise.

opnationalization Dummy indicator for year of operational nationalization, calculated as first year of operational NOC (`opnoc`) establishment; zero otherwise.