

property rights. This result is in line with recent literature that found effects on coup activity from trade and investment, both of which are encouraged by effective property rights protection (see Bak and Moon 2016; Powell and Chacha 2016).

It has to be emphasized that an EBA is a very rigorous test and the fact that some variables do not pass it cannot be interpreted as evidence that they do not influence the occurrence of coups. However, variables that pass the EBA should be taken seriously as determinants of coups and might be considered standard control variables for empirical studies of the causes of coups. It is important to note that the approach taken herein allows us only to make statements about correlation and not about causation. Future work could compare the results of our EBA with alternative statistical approaches to identifying robust determinants of coups (see, e.g., Plümper and Neumayer 2015), or explore whether the robust associations presented here are indeed causal. Hendry and Krolzig's (2004) provocative claim that only one regression is really needed could be put to the test by applying general-to-specific model selection.

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## Appendix 1

Variable (group)	Used by	Definition/operationalization	Data source
Democracy-dummy	Bell (2016), Bell and Sudduth (2015), Böhmelt and Pilster (2015), Casper (2015), Casper and Tyson (2014), Girod (2015), Henderson (1997), Hiroi and Omori (2013, 2014), Houle (2016), Johnson and Thyne (2016), Kim (2016), Miller et al. (2016), Piplani and Talmadge (2015), Powell (2012), Powell et al. (2016), Thyne (2010), Tusalem (2010), Wobig (2015)	Cheibub et al.-classification, recoded monthly for coup years, 1 = democracy	Cheibub et al. (2010), Bormann and Golder (2013) and own codings
Economic growth	Bell (2016), Böhmelt and Pilster (2015), Bove and Rivera (2015), Casper (2015), Casper and Tyson (2014), Hiroi and Omori (2013), Houle (2016), Jackman et al. (1986), Johnson et al. (1984), Kim (2016), Lehoucq and Pérez-Liñán (2014), Londregan and Poole (1990), Miller et al. (2016), Piplani and Talmadge (2015), Powell (2012), Powell et al. (2016), Slater et al. (2014), Thyne (2010), Wells (1974), Wig and Rod (2016), Wobig (2015)	Annual growth rate of real GDP per capita in the previous year	Own calculation based on Feenstra et al. (2015)

Variable (group)	Used by	Definition/operationalization	Data source
Income per capita	Arbatli and Arbatli (2016), Belkin and Schofer (2003), Bell (2016), Bell and Sudduth (2015), Böhmelt and Pilster (2015), Bove and Rivera (2015), Casper (2015), Casper and Tyson (2014), Galetovic and Sanhueza (2000), Girod (2015), Harkness (2016), Henderson (1997), Hiroi and Omori (2013, 2014), Houle (2016), Johnson and Thyne (2016), Kim (2016), Lehoucq and Pérez-Liñán (2014), Londregan and Poole (1990), Malul and Shoham (2006), Marcum and Brown (2016), Miller et al. (2016), O’Kane (1981, 1993), Piplani and Talmadge (2015), Powell (2012), Powell et al. (2016), Slater et al. (2014), Thyne (2010), Tusalem (2010), Wells (1974), Wig and Rod (2016), Wobig (2015)	Log-real GDP per capita	Feenstra et al. (2015)
Previous coup-dummy	Arbatli and Arbatli (2016), Bove and Rivera (2015), Galetovic and Sanhueza (2000), Henderson (1997), Kim (2016), Londregan and Poole (1990), Lunde (1991), O’Kane (1981, 1993), Rowe (1974), Tusalem (2010), Wang (1998)	Previous coup in this country since 1950 or independence, monthly data	Own calculation based on Powell and Thyne (2011)
Time since coup	Bell and Sudduth (2015), Casper (2015), Casper and Tyson (2014), Houle (2016), Johnson and Thyne (2016), Kim (2016), Lehoucq and Pérez-Liñán (2014), Londregan and Poole (1990), Lunde (1991), Powell (2012), Powell et al. (2016), Slater et al. (2014), Wig and Rod (2016), Wobig (2015)	Linear, quadratic and cubic time trend measured in years, monthly data	Own calculation based on Powell and Thyne (2011)
Absolute latitude	Arbatli and Arbatli (2016)	The absolute value of the latitude of the capital city, divided by 90	La Porta et al. (1999)
Age dependency ratio	Slater et al. (2014)	Ratio of the population older than 64 to the working age population	World Bank (2016)
Aid	Girod (2015), Hiroi and Omori (2014), Rowe (1974), Thyne (2010), Wells (1974)	Net ODA received (share of GNI)	World Bank (2016)
Chief executive military officer-dummy	Arbatli and Arbatli (2016), Belkin and Schofer (2003), Bell (2016), Böhmelt and Pilster (2015), Bove and Rivera (2015), Johnson and Thyne (2016), Hiroi and Omori (2013, 2014), Miller et al. (2016), Powell (2012), Thyne (2010), Wobig (2015)	Chief executive is a military officer, 1 = yes	Beck et al. (2001)

Variable (group)	Used by	Definition/operationalization	Data source
Colonial history	Tusalem (2010), Wang (1998)	Dummies for British, French, and no colonial origin	Hadenius and Teorell (2007) via Teorell et al. (2016)
Coup spillover	Lehoucq and Pérez-Liñán (2014), Miller et al. (2016)	Number of coups per country in the same region in the previous year (regions: Eastern Europe and post-Soviet Union, Latin America, MENA, SSA, Western Europe and North America, Asia, and other regions)	Own calculation based on Hadenius and Teorell (2007), Powell and Thyne (2011)
Coup-proofing	Bell and Sudduth (2015), Böhmelt and Pilster (2015), Houle (2016), Powell (2012)	Effective number of military organizations	Pilster and Böhmelt (2012)
Democracy spillover	Lehoucq and Pérez-Liñán (2014), Miller et al. (2016), Powell et al. (2016), Slater et al. (2014), Wobig (2015)	Share of democratic countries in the same region at the end of the previous year (regions: Eastern Europe and post-Soviet Union, Latin America, MENA, SSA, Western Europe and North America, Asia, and others)	Own calculation based on Hadenius and Teorell (2007), Cheibub et al. (2010)
Economic reform	Casper (2015)	Average level of reform in six economic sectors	Giuliano et al. (2013)
Education	Wells (1974)	Average years of secondary schooling among the population aged 15 and older	Barro and Lee (2013)
Fractionalization	Arbatli and Arbatli (2016), Bell (2016), Girod (2015), Harkness (2016), Henderson (1997), Houle (2016), Jackman (1978), Johnson et al. (1984), Jenkins and Kposowa (1992), Kposowa and Jenkins (1993), Lunde (1991), Piplani and Talmadge (2015), Tusalem (2010)	Ethnic, linguistic, and religious fractionalization	Alesina et al. (2003)
Government consumption	Slater et al. (2014)	Share of government consumption at current PPPs	Feenstra et al. (2015)
IMF program	Casper (2015)	Dummies for IMF program, and World Bank adjustment-project (respectively in effect for over 4 months)	Dreher (2006), Boockmann and Dreher (2003)
Income inequality	Hiroi and Omori (2014), Miller et al. (2016)	Gini index	Solt (2009)
Inflation	Casper (2015)	Inflation as measured by the annual growth rate of the GDP implicit deflator	World Bank (2016)

Variable (group)	Used by	Definition/operationalization	Data source
Island-dummy	Arbatli and Arbatli (2016)	Country is a small island	Spolaore and Wacziarg (2013)
Military expenditure	Kim (2016), Powell et al. (2016), Wang (1998), Wells (1974)	Log-military expenditure	Singer (1988)
Military expenditure growth	Böhmelt and Pilster (2015), Bove and Rivera (2015), Powell (2012)	Annual growth rate of military expenditure in the previous year	Own calculation based on Singer (1988)
Military expenditure per personnel	Bell (2016), Bell and Sudduth (2015), Böhmelt and Pilster (2015), Bove and Rivera (2015), Marcum and Brown (2016), and Powell (2012)	Military expenditure per personnel	Own calculation based on Singer (1988)
Military personnel	Bell and Sudduth (2015), Böhmelt and Pilster (2015), Bove and Rivera (2015), Kim (2016), Marcum and Brown (2016), Miller et al. (2016), Piplani and Talmadge (2015), Powell (2012), Wells (1974)	Log-military personnel	Singer (1988)
Mineral rents	Slater et al. (2014)	Mineral rents (share of GDP)	World Bank (2016)
Natural resources	Girod (2015), Slater et al. (2014)	Total natural resource rents (share of GDP)	World Bank (2016)
Negative growth-dummy	Galetovic and Sanhueza (2000), and Marcum and Brown (2016)	Negative annual growth rate of real GDP per capita	Own calculation based on Feenstra et al. (2015)
Oil exports	Harkness (2016)	Net oil exports value per capita, constant prices	Ross and Mahdavi (2015)
Oil production	Houle (2016), Miller et al. (2016)	Oil production value, constant prices	Ross and Mahdavi (2015)
Political stability (various indicators)	Arbatli and Arbatli (2016), Bove and Rivera (2015), Casper (2015), Galetovic and Sanhueza (2000), Kim (2016), Maniruzzaman (1992)	Indicators for assassinations, anti-government demonstrations, government crises, guerrilla warfare, purges, riots, and general strikes	Banks and Wilson (2012)
Political stability and absence of violence	Belkin and Schofer (2003), Böhmelt and Pilster (2015), Hiroi and Omori (2013), Houle (2016), Maniruzzaman (1992), Powell (2012), and Thyne (2010)	Worldwide Governance Indicator: Perceptions of the likelihood of political instability and politically-motivated violence	Kaufmann et al. (2011)
Repression	Bove and Rivera (2015)	Political Terror Scale based on US State Department reports	Gibney et al. (2015)
Population density	Girod (2015), and Malul and Shoham (2006)	Population divided by land area	World Bank (2016)

Variable (group)	Used by	Definition/operationalization	Data source
Population growth	Wells (1974)	Annual growth rate of the population size	Own calculation based on Feenstra et al. (2015)
Population size	Arbatli and Arbatli (2016), Casper (2015), Casper and Tyson (2014), Piplani and Talmadge (2015), Slater et al. (2014), Wells (1974)	Log-population size	Feenstra et al. (2015)
Recent independence	O’Kane (1981)	Country became independent in this or one of the previous five years	Own calculation based on Gleditsch and Ward (1999)
Recent war	Belkin and Schofer (2003)	No war in this year or the previous ten years	Own calculation based on Marshall (2015)
Regime duration	Piplani and Talmadge (2015)	Number of years since the most recent regime change	Marshall et al. (2014)
Security of property Rights	Tusalem (2010)	Index of legal structure and security of property rights	Gwartney et al. (2015)
Size of government	Slater et al. (2014)	Index of size of government (expenditures, taxes and enterprises)	Gwartney et al. (2015)
Trade	Houle (2016), Slater et al. (2014)	Sum of exports and imports of goods and services (share of GDP)	World Bank (2016)
Urbanization	Henderson (1997), Hiroi and Omori (2013), Wells (1974)	Urban population (share of total population)	World Bank (2016)
Violence, conflict, and War	Arbatli and Arbatli (2016), Bell and Sudduth (2015), Casper (2015), Casper and Tyson (2014), Girod (2015), Johnson and Thyne (2016), Kim (2016), Piplani and Talmadge (2015), Thyne (2010), and Wobig (2015)	Magnitude scores for civil violence, civil warfare, ethnic violence, ethnic warfare, international violence, and international warfare; number of interstate armed conflicts, internal armed conflicts, and internationalized internal armed conflict	Marshall (2015), Themnér and Wallenstein (2013)
War spillover	Belkin and Schofer (2003), Miller et al. (2016)	Avg. magnitude of civil, ethnic, and international warfare in the same region in the previous year (regions: Eastern Europe and post-Soviet Union, Latin America, MENA, SSA, Western Europe and North America, Asia, and others)	Own calculation based on Hadenius and Teorell (2007), Marshall (2015)