Blood is Thicker than Water: Family Size and Leader Deposition in Medieval and Early Modern Europe - Replication data description

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The replication data consists of two files: A prepared dataset, and a Stata do-file for executing the analyses. This document describes the variables in the dataset. For further discussions about coding, see Kokkonen and Sundell (2014), (2020), and the main paper (Kokkonen et al 2020)

The do-file will produce output in forms of .eps graphs and .tex tables, that will be placed in the directory set in the beginning of the do-file.

1 Data structure

The unit of analysis is monarch-year. This normally coincides with country-year, but both the first and last years of a monarch's reign is included, which means that in years with a change of monarch, the country-year is included twice in the dataset. The reason for this is to include in the main dataset also monarchs that ruled for less than one year.

2 Variable description

2.1 General country information

id_country Country identifier code.

id_monarch Monarch identifier code.

id_reign Monarch-reign identifier code. Often overlaps with id_monarch, but is useful for cases where a monarch was deposed and then returned.

country Name of the country.

year The current year.

century Century identifier.

countrycentury Country-century identifier.

primogeniture Whether there was primogeniture in the country at the time. Counted as 1 from the first year of the reign of the monarch that introduced it.

mountperc Percentage of country locate at at least 500 meters altitude. Calculated from Euratlas (Nussli 2010)

area Area of the country, in 1000's of square kilometers. Calculated from Euratlas (Nussli 2010)

ln_area Log of the area.

zanden_parliaments Number of parliamentary meetings in the country that century. Taken from Van Zanden et al (2012).

dum_zanden Whether there was at least one parliamentary meeting (1) or not (0) in the country that century.

2.2 Monarch information

order Chronological order of the monarch in the country.

name Monarch name. All biographical data is taken from Kokkonen and Sundell (2014).

name Monarch house.

dum_interregnum Whether there was an interregnum, meaning no monarch, that year (1=yes, 0=no).

birth Monarch birthyear.

death Monarch deathyear.

age The monarch's age, calculated as the birth year subtracted from the current year.

age_imputed Monarch age, complemented for missing values with predicted values of monarch age, based on a regression with dummy variables for country and century, and with length of tenure so far as the main predictor variable. Age is imputed only for 60 monarch-years, excluding interregnums.

ascension year in which the monarch took the throne.

descension year in which the monarch left the throne.

reign_end Whether the monarch's reign ended (1) or not (0) in the that year.

tenure_final The eventual length of the monarch's reign. Is constant through all years of the reign.

tenure_rolling The length of the monarch's reign so far.

monarch_queen Whether the monarch was female (1) or not (0).

dum_illegitimate Whether monarch was born out of wedlock or not.

naturaldeath Whether the monarch died a natural (non-political) death (1) or not (0) that year. Accidents and illness are counted as natural deaths.

deposed_our Whether the monarch was deposed (or killed) (1) or not (0) that year, using Kokkonen and Sundell (2014) data. Monarchs that died while on campaign in a civil war are also counted as deposed.

deposed_dow Whether the monarch was deposed (1) or not (0) that year, using Morby (2014) data.

deposedcat_perp Whether the monarch was deposed by a member of the close family (1) or a non-relative or more distant relative (2), or was not deposed (0). As close family counts children, siblings,uncles or aunts, spouses and first cousins.

deposedcat_succ Whether the monarch was deposed and followed on the throne by a member of the close family (1) or a non-relative or more distant relative (2), or was not deposed (0).

predecessor_closefamily Monarch's predecessor was close family or not.

successor_closefamily Monarch's successor was close family or not.

married Currently married (1) or not (0).

marriage_start Marriage started during year or not.

marriage_end Marriage ended during year or not.

marriageyears Accumulated years of marriage.

2.3 Family variables

family_all Family size - number of living children, siblings, and paternal uncles and aunts.

children_all Number of living children the monarch had that year.

children_all_cap Number of living children the monarch had that year (capped at 8).

children_sons Number of living sons the monarch had that year.

children_daughters Number of living daughters the monarch had that year.

children_born Number of births of children that year.

children_death Number of deaths of children that year.

son_born Number of births of sons that year.

son_death Number of deaths of sons that year.

daughter_born Number of births of daughters that year.

daughter_death Number of deaths of daughters that year.

siblings_all Number of living siblings the monarch had that year.

siblings_all_cap Number of living siblings the monarch had that year (capped at 8).

siblings_sons Number of living brothers the monarch had that year.

siblings_daughters Number of living sisters the monarch had that year.

siblings_born Number of births of siblings that year.

siblings_death Number of deaths of siblings that year.

brother_born Number of births of brothers that year.

brother_death Number of deaths of brothers that year.

sister_born Number of births of sisters that year.

sister_death Number of deaths of sisters that year.

parsib_all Number of living paternal uncles and aunts the monarch had that year.

parsib_sons Number of living paternal uncles the monarch had that year.

parsib_daughters Number of living paternal aunts the monarch had that year.

parsib_born Number of births of paternal uncles and aunts that year.

parsib_death Number of deaths of paternal uncles and aunts that year.

uncle_born Number of births of uncles that year.

uncle_death Number of deaths of uncles that year.

aunt_born Number of births of aunts that year.

aunt_death Number of deaths of aunts that year.

spouse_birth Birth of future spouse during year.

spouse_death Death of spouse during year.

spouse_age Age of current spouse.

children_source Source for family data.

childX_name Name of child number X [1-20] in sequence.

childX_sex Sex of child number X [1-20] in sequence. Man (1), woman (0).

childX_birth Birth year of child number X [1-20] in sequence.

childX_death Death year of child number X [1-20] in sequence.

child_X Indicator for whether child X is currently alive.

siblingX_name Name of sibling number X [1-20] in sequence.

siblingX_sex Sex of sibling number X [1-20] in sequence. Man (1), woman (0).

siblingX_birth Birth year of sibling number X [1-20] in sequence.

siblingX_death Death year of sibling number X [1-20] in sequence.

sibling_X Indicator for whether sibling X is currently alive.

parsibX_name Name of uncle or aunt number X [1-20] in sequence.

parsibX_sex Sex of uncle or aunt number X [1-20] in sequence. Man (1), woman (0).

parsibX_birth Birth year of uncle or aunt number X [1-20] in sequence.

parsibX_death Death year of uncle or aunt number X [1-20] in sequence.

parsib_X Indicator for whether uncle or aunt X is currently alive.

2.4 Marriage information

Data on details of marriages (such as end type) are not used in the paper and may be subject to errors. Use with caution.

spouse_sourceX Source for marriage data.

marriage_startX Start year of marriage X in sequence.

marriage_endX End year of marriage X in sequence.

marriage_endtypeX Type of end to marriage. 1=Monarch died, 2=Spouse died, 3=Divorce.

spouse_birthX Birth year of spouse.

spouse_deathX Death year of spouse.

spouse_nameX Name of spouse.

spouse_houseX House of spouse.

spouse_countryX "Country" of spouse.

spouse_childrenX Number of children with spouse.

2.5 War information

Data taken from Kokkonen & Sundell (2020).

waronset_civil_ Whether a civil war or rebellion broke out that year (1) or not (0).

warend_civil_ Whether a civil war or rebellion ended that year (1) or not (0).

waryear_civil_ Whether a civil war or rebellion was ongoing that year (1) or not (0).

source_kohn_ War mentioned in Kohn (2013). Only coded for years in which there was a war onset.

source_pa_ War mentioned in Philips and Axelrod (2005). Only coded for years in which there was a war onset.

source_dupuy_ War mentioned in Dupuy and Dupuy (1970). Only coded for years in which there was a war onset.

source_luard_ War mentioned in Luard (1986). Only coded for years in which there was a war onset.

source_clod_ War mentioned in Clodfelter (2002). Only coded for years in which there was a war onset.

waronset_int_ Whether an internatinoal war broke out that year (1) or not (0).

warend_int_ Whether an international war ended that year (1) or not (0).

waryear_int_ Whether an international war was ongoing that year (1) or not (0).

onside_int_ Whether an international war broke out that year, and the country was the aggressor, or on the side of the aggressor.

source_int_kohn_ War mentioned in Kohn (2013). Only coded for years in which there was a war onset.

source_int_pa_ War mentioned in Philips and Axelrod (2005). Only coded for years in which there was a war onset.

source_int_dupuy_ War mentioned in Dupuy and Dupuy (1970). Only coded for years in which there was a war onset.

source_int_luard_ War mentioned in Luard (1986). Only coded for years in which there was a war onset.

source_int_clod_ War mentioned in Clodfelter (2002). Only coded for years in which there was a war onset.

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