Codebook:

Pandemics and Political Development: The Electoral Legacy of the Black Death in Germany

***World Politics*, Vol. 73, No. 3 (July 2021)**

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Part 1: Imperial Germany

Variables and Sources:

Variable	Label	Source
Government District of Imperial Germany (Name) (Higher-Level Administrative Unit)	reg_bez	Sperber (1997)
Conservative Party Vote Share (1871)	votes_cons_share_1871	Sperber (1997)
Combined Vote Share of the Conservative Party and the Free Conservative Party (1871)	votes_multi_share_1871	Sperber (1997)
Combined Vote Share of All Major Liberal and Moderate Parties (1871)	votes_lib_share_1871	Sperber (1997)
Conservative Party Vote Share (1874)	votes_cons_share_1874	Sperber (1997)
Share of Catholics in the Electoral District (1871)	cath_pct_1871	Sperber (1997)
Electoral District Belonging to Prussia	prussia	Sperber (1997)
Electoral District Name	DISTRICT	Ziblatt (2009) (some district names were manually corrected by us)
Landholding Inequality (Gini Coefficient)	landgini	Ziblatt (2009)

Percentage of the Population Employed in the Agricultural Sector	ag1	Ziblatt (2009)
Cumulative Number of Electoral Disputes (in the Elections of 1871–1912)	NetDisputes	Arsenschek and Ziblatt (2010)
Population Size (of Electoral District)	pop	Ziblatt (2009)
Latitude (Centroid of Electoral District)	Lat	Assigned in ArcGIS based on Ziblatt (2009)
Longitude (Centroid of Electoral District)	Long	Assigned in ArcGIS based on Ziblatt (2009)
Distance to the Nearest Medieval Trade City (in km) (from Electoral District)	dist_tradecity_km	Computed in ArcGIS based on Hribar (2016)
Distance to the Ocean (North Sea or Baltic Sea) (in km) (from Electoral District)	dist_ocean_km	Computed in ArcGIS
Distance to the Nearest Large River (in km) (from Electoral District)	dist_river_km	Computed in ArcGIS based on European Environment Agency (2020)
Distance to the Nearest Major Port (in km) (from Electoral District)	dist_majport_km	Computed in ArcGIS
Elevation (Centroid of Electoral District)	elevation	Computed in R using the package “geonames” (function *GNgtopo30*); GeoNames (2020)
Dummy Trade City (≤ 10km)	dummy_tradecity	Derived from variable “dist_tradecity_km”
Dummy Ocean (≤ 10km)	dummy_ocean	Derived from variable “dist_ocean_km”
Dummy River (≤ 10km)	dummy_river	Derived from variable “dist_river_km”
Dummy Major Port (≤ 10km)	dummy_majport	Derived from variable “dist_majport_km”
Caloric Potential	cal_potential	Assigned in ArcGIS based on Galor & Özak (2016)
Caloric Variability	cal_variab	Computed in ArcGIS based on Galor & Özak (2016) (following Ahmed & Stasavage 2020)

Urban Density (1300) (Standardized)	urban_density_norm	Computed in R based on Wahl (2019)
Second-Level Administrative Units (1300) (Pre-Treatment Spatial Fixed Effects)	short_name	Assigned in ArcGIS based on Nüssli & Nüssli (2008)
Location in a Rectangular Spatial Grid (Quasi-Random Spatial Fixed Effects)	grid_loc	Assigned in ArcGIS (this is the corrected version: Fixed effects categories with ≤ 5 observations were assigned to the adjacent cell)
BDEI Score v1	BDEI_score	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v2	BDEI_score2	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v3	BDEI_score3	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v4	BDEI_score4	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v5	BDEI_score5	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v1 (Alternative Version)	BDEI_score_alt	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v2 (Alternative Version)	BDEI_score_alt2	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v3 (Alternative Version)	BDEI_score_alt3	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v4 (Alternative Version)	BDEI_score_alt4	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v5 (Alternative Version)	BDEI_score_alt5	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v1 (Neighboring Regions Only)	BDEI_score_neighb	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v2 (Neighboring Regions Only)	BDEI_score_neighb2	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v3 (Neighboring Regions Only)	BDEI_score_neighb3	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v4 (Neighboring Regions Only)	BDEI_score_neighb4	See the replication file, using data by Jedwab et al. (2019)

BDEI Score v5 (Neighboring Regions Only)	BDEI_score_neighb5	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v1 (2SLS)	BDEI_score_pred	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v2 (2SLS)	BDEI_score_pred2	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v3 (2SLS)	BDEI_score_pred3	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v4 (2SLS)	BDEI_score_pred4	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v5 (2SLS)	BDEI_score_pred5	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v1 (Büntgen et al. 2012 Data)	BDEI_score_novel	See the replication file, using data by Büntgen et al. (2012)
BDEI Score v2 (Büntgen et al. 2012 Data)	BDEI_score_novel2	See the replication file, using data by Büntgen et al. (2012)
BDEI Score v3 (Büntgen et al. 2012 Data)	BDEI_score_novel3	See the replication file, using data by Büntgen et al. (2012)
BDEI Score v4 (Büntgen et al. 2012 Data)	BDEI_score_novel4	See the replication file, using data by Büntgen et al. (2012)
BDEI Score v5 (Büntgen et al. 2012 Data)	BDEI_score_novel5	See the replication file, using data by Büntgen et al. (2012)
BDEI Score v1 (Schmid et al. 2015 Data)	BDEI_score_newdata	See the replication file, using data by Schmid et al. (2015)
BDEI Score v2 (Schmid et al. 2015 Data)	BDEI_score_newdata2	See the replication file, using data by Schmid et al. (2015)
BDEI Score v3 (Schmid et al. 2015 Data)	BDEI_score_newdata3	See the replication file, using data by Schmid et al. (2015)
BDEI Score v4 (Schmid et al. 2015 Data)	BDEI_score_newdata4	See the replication file, using data by Schmid et al. (2015)
BDEI Score v5 (Schmid et al. 2015 Data)	BDEI_score_newdata5	See the replication file, using data by Schmid et al. (2015)
BDEI Score v1 (Weighted by Population)	BDEI_score_weight	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v2 (Weighted by Population)	BDEI_score2_weight	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v3 (Weighted by Population)	BDEI_score3_weight	See the replication file, using data by Jedwab et al. (2019)

BDEI Score v4 (Weighted by Population)	BDEI_score4_weight	See the replication file, using data by Jedwab et al. (2019)
BDEI Score v5 (Weighted by Population)	BDEI_score5_weight	See the replication file, using data by Jedwab et al. (2019)
City Name (of Cities with Recorded Black Death Outbreaks) (in *BD Outbreaks Data*)	city_jjk	Jedwab et al. (2019)
Country/Region Name (in *BD Outbreaks Data*)	countryname	Jedwab et al. (2019)
Longitude (in *BD Outbreaks Data*)	longitude	Jedwab et al. (2019)
Latitude (in *BD Outbreaks Data*)	latitude	Jedwab et al. (2019)
Population before the Black Death (in *BD Outbreaks Data*)	preplaguepop	Jedwab et al. (2019)
First Month with a Recorded Black Death Case (in *BD Outbreaks Data*)	start_month	Jedwab et al. (2019)
First Year with a Recorded Black Death Case (in *BD Outbreaks Data*)	start_year	Jedwab et al. (2019)
Percentage of Local Population Lost Due to the Black Death Pandemic (in *BD Outbreaks Data*)	mortality	Jedwab et al. (2019)
Intensity of the Black Death / Proportion of Local Population Lost Due to the Black Death Pandemic (in *BD Outbreaks Data*)	int	Derived from variable "mortality"
Local Black Death Outbreak Started in First Quarter (in *BD Outbreaks Data*)	q1	Derived from variable "start_month"
Local Black Death Outbreak Started in Second Quarter (in *BD Outbreaks Data*)	q2	Derived from variable "start_month"
Local Black Death Outbreak Started in Third Quarter (in *BD Outbreaks Data*)	q3	Derived from variable "start_month"

Software:

The following software is required to run the replication files:

R, including the following packages:

a. readstata13
b. geosphere
c. multiwayvcov
d. lmtest
e. AER
f. ggplot2
g. egg

References:

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