Replication project

Auvray Adrien, Carette Anne-Laure and Tarlapan Alina
Université Paris 1 Panthéon Sorbonne

December, 22 2023

Codebook of the replication project

Boberg-Fazlić, N., Lampe, M., Lasheras, P. M., & Sharp, P. (2022). Winners and losers from Agrarian Reform: Evidence from Danish land inequality 1682–1895. *Journal of Development Economics*, 155, 102813.

1 Main Outcomes

- Variable : `Theil_c`
Label : Theil
Type : float
Description : An index of inequalities

Table 1 : Descriptive statistics of Theil index

	Observations	Mean	Std. deviation	Min	Max
$Theil_c$	11,246	.8268849	.400791	6.62e-09	4.538159

- Variable : `AggTheil_c`
Label : Theil using aggregated categories, 1682
Type : float
Description : The authors aggregate categories in 1834 to the same (broader) categories of 1682 and in 1860 and 1873 to the categories of 1885/95

- Variable : `Gini`
Label : Gini index of the parish

Type : float
Description : Gini coefficients for Denmark at the parish level from 1682 to 1895

Table 2 : Gini coefficients

	Observations	Mean	Std. deviation	Min	Max
Gini	11,247	.5948801	.1724975	0	.9700911

- Variables: `ln_Theil_1682c ln_Theil_1834c ln_Theil_1850c ln_Theil_1860c ln_Theil_1873c ln_Theil_1885c ln_Theil_1895c`
Label: ln(Theil) using corrected number of farms in parish, 1682, 1834, 1850, 1860, 1873, 1885, or 1895 according to the variable used
Type: float
Description: The outcome variable in the second stage of Figure 5 is `ln_Theil_c` in different years rather than the change in the Theil index.

2 Main explanatory variables

- Variable : `ln_TotalFarmHK`
Label : ln (total tdr. hartkorn in parish)
Type : float
Description : The natural logarithm of the total value of the land measured in barrel of hard grain (HK) at the parish level. It is a measure of the land productive capacity.

- Variable : `BygLG`
Label : Barley LG
Type : double
Description : The amount of barley paid in tax as an indicator of land quality. It is used as an explanatory variable in the robustness check illustrated by Table A.4.

3 Instrumental Variable

- Variable : `MLmean`
Label : Boulder clay
Type : double
Description : A type of heavy, sticky soil full of large rocks that is formed in and between large areas of ice. It is used as an instrument for land productive capacity in the paper.

4 Other controls

- Variable : `ln_area`
Label : ln(area)
Type : float
Description : The natural logarithm of the parish area in kilometers

- Variable : `lnDistCPH`
Label : ln(distance to Copenhagen)
Type : float
Description : The natural logarithm of the distance to Copenhagen in kilometers

- Variable : `Lat`
Label : Latitude
Type : double
Description : The latitude of the parish

- Variable : `Long`
Label : Longitude
Type : double
Description : The longitude of the parish

- Variable : `lnDistCoast`
Label : ln(distance to the coast)
Type : float

Description : The natural logarithm of the distance to the coast in kilometers

- Variable : `region`
Label : Region of the parish
Type : float
Description : Region of the parish, which represents the regional fixed effects

Table 3 : Regional distribution

Value	Region	Frequence	Percent
1	Greater CPH	567	5.04
2	Jutland	6,657	59.18
3	Funen	1,330	11.82
4	Zealand	2,695	23.96
	Total	11,249	100%

- Variable : `year`
Label : Year
Type : float
Description : Year of observation

Table 4 : Years observed

Year	Frequency
1682	1,607
1834	1,607
1850	1,607
1860	1,607
1873	1,607
1885	1,607
1895	1,607
Total	11,249

- Variable: `year_1`

Label: Year from 1 to 7

Type: float

Description: Year of observation with 1 corresponding to 1682, 2 to 1834, etc.

Table 5 : Years observed

Year	Frequency
1 (1682)	1,607
2 (1834)	1,607
3 (1850)	1,607
4 (1860)	1,607
5 (1873)	1,607
6 (1885)	1,607
7 (1895)	1,607
Total	11,249

- Variable : `ID`

Label : ID

Type : float

Description : Unique identifier of each parish