ReadMe: Replication Code and Codebook for Joo, Elwert, and Munk "Labor Market Consequences of Grandparenthood"

[May 25, 2024]

Full Access to Original Code and Data

We analyze the labor market consequences of grandparenthood based on population-level longitudinal data from Danish population registers (https://www.dst.dk).

Our data use contract with Statistics Denmark prohibits downloading and sharing our analytic data and original code.

All original code and data needed to replicate all findings reported in our paper are available on Statistics Denmark servers, project number 704121.

Interested researchers must apply to Statistics Denmark for access to project number 704121, following the instructions provided at this link: https://www.dst.dk/en/TilSalg/Forskningsservice/Dataadgang/).

Public Redacted Code

Here, we provide a public version of our analytic code. This code has been minimally redacted by experts at Statistics Denmark in May 2024 to remove identifying information in compliance with applicable law.

The Stata .do files listed below generate all descriptive statistics, statistical analyses, tables, and figures in the paper, based on the analytic dataset available on Statistics Denmark servers, project number 704121. The files must be executed in the order listed.

Please find our codebook on the next page.

Stata code files:

File	*Description*
1_weight.do	Code for calculation of inverse probability weights.
2_des.do	Code for descriptive statistics. It generates statistics for Table 1, A2, A3, A4, A5, and A6.
3_analysis.do	Code for regression analyses. It replicates Table 1, A4, A5, and A6.
4_graph.do	Code for graphs. It replicates Figure 2, 3, 4, B1, B2, B3, B4, B5, B6, and B7.

Variable list:

Category		Description	Variable name
Y: G1's labor market outcomes		Degree employed	g1_empd
		Full-time employment	g1_empdi
		Labor income	g1_incomel
D: G1's grandparenthood		First G2 has had a child	d
		Years since first G2 has had a child (= G3's age)	dcr
F: Time-fixed covariates		G1's gender	female
		First G2's gender	g2_female
		G1's any teen birth	teenb_g1
S: Time trends		First G2' age (t=1 when G2 is 13)	t1
		G1's age	ager1
		calendar year	year
V: Time-varying covariates for	G1	Work experience	g1_workexp
		Years of education	g1_yed
		Current educational enrollment	g1_ced
		Comorbidity index	g1_ccs
		Days in hospital	g1_dhosp
		Any mental health contact	g1_psych
		# total births	births_t
		Partnered	g1_partner
		Partner full-time employed	p_empdi
		Partner with labor income ≥300k	p_incomeli
		Partner with any chronic disease	p_ccs
		Partner hospitalized ≥5 days	p_dhosp
		Partner with any mental health contact	p_psych
	First G2	Degree employed	g2_1_empd
		Labor income	g2_1_incomel
		Work experience	g2_1_workexp
		Partnered	g2_1_partner
		Years of education	g2_1_yed
		Current educational enrollment	g2_1_ced
		Comorbidity index	g2_1_ccs
		Days in hospital	g2_1_dhosp
		Any mental health contact	g2_1_psych
	All G2	# G2	g2
		# G3	g3
		# Female G2	g2_female
		# Full-time employed G2	g2_empd
		# G2 with labor income ≥300k	g2_incomel
		# Partnered G2	g2_partner
		# G2 with ≥16 years of education	g2_yed
		# G2 currently enrolled in school	g2_ced
		# G2 with any chronic disease	g2_ccs
		# G2 hospitalized ≥5 days	g2_dhosp
		# G2 with any mental health contact	g2_psych
	Household	# Household members	hhsize
		# G2 in household	hh_g2
		# household members aged <18	hh_u18
		Household gross income	h_incomeg
		Any public assistance	h_welfare