

Educational participation, "double status positions" and the transition to motherhood in four European countries

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The basics

The essential link, the 'classical' assotiation:

- Incompatibility of educational enrolment and parenthood (Hoem 1986, Blossfeld Huinink 1991)
 - Widely shared
 - Always stated (Liefbroer and Corijn 1999, Andersson 2000, Kantorova 2004, Lappegard and Ronsen 2005, Balbo et al. 2013, etc.)
- Enrolment: as full time, and exclusive status



Motivations – prevalence and expansion Number of full-time and part-time enrolled in Hungary, 1991–2012

Vertical axis (left):

number of people participating in education

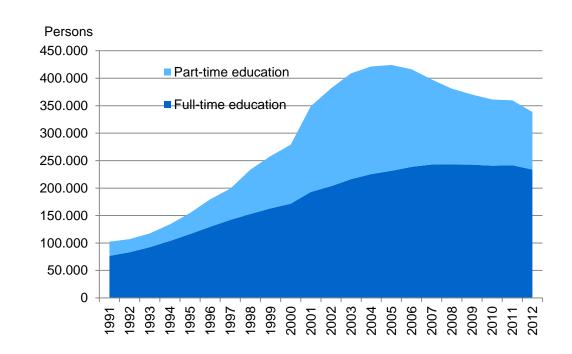
Light blue: part-time

Dark blue: full-time

Source:

Official Educational Statistics, Vital

statstitics



Expansion of part-time education goes hand-in-hand with the expansion of **double status** positions (Róbert, Saar 2012)

Double status = enrolled and employed at the same time



Motivations and The research question

- There are also signs of prevalence and diffusion of double-status position in *Western* countries, strongly depending on educational system (Wolbers 2003)
 - Due to increasing cost of the study
 - Growing dependence



Research question:

What is the association between double status and parenthood/ transition to parenthood?



Constructing new hypotheses: Identifying factors shaping the classical enrolment and tarnation to parenthood link

- Mechanism/ factors of the enrolment and parenthood link identified by previous research (Blossfeld Huinink 1991, Huinink 1995, Rindfuss and Brewster 1996, Gustafsson 2001, Kantorova 2004)
 - Societal nature:
 - sequencing norms, role incompatibility
 - Economic nature:
 - opportunity cost
 - net direct expenditures
 - forgone human capital

Education	Job			
	Employed	Not employed		
Enrolled	Double status	Enrolled only		
Not enrolled	Employed	Inactive		



Constructing new hypotheses: How the Identified factors shape double status and tarnation to parenthood link

- Mechanism/ factors of the enrolment and parenthood link identified by previous research (Blossfeld Huinink 1991, Huinink 1995, Rindfuss and Brewster 1996, Gustafsson 2001, Kantorova 2004)
 - Societal nature:
 - sequencing norms, role incompatibility,
 - **Economic nature:**
 - opportunity cost
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	social aspects		economic aspects			
	sequencing norms	role incompatibility	opportunity costs	net direct expenditure	forgone return of human capital	
enrolled	++	+	0	+	+++	
employed	0	+	+	+	+	
enrolled and employed	0	+++	+	+	++(?) 6	



Hypotheses

- H1 The **multiple role conflict** hypothesis: The transition rate to motherhood among women in double status positions is lower than the transition rate among students and that among employees.
- H2 The mitigated role conflict hypothesis: The transition rate to motherhood among women in double status positions is higher than the transition rate among students, but is lower that the transition rate among employees.
- H3 The job status dominance hypothesis: The transition rate to motherhood among women in double status positions is higher than the transition rate among students, but is the same as the transition rate among employees.



Data and sample selection

- Second wave of the GGS, retrospective birth, employment and educational histories
- Selected countries: France, Austria, Hungary and Georgia
- Selected individuals: women born 1961-1980
- Person-month dataset: risk period starts when turning 16
- Selected time window: 1977-2008 (available for all four countries)



% distribution of current status, education and age

	FR	AT	HU	GE
Status				
double status	9.7	27.4	6.6	3.5
employed only	52.7	65.9	53.8	35.0
enrolled only	27.0	3.2	28.4	32.6
inactive	10.6	3.5	11.2	28.9
Educational attainment				
lower secondary or lower	54.3	35.6	46.1	40.9
upper secondary	25.9	53.7	40.8	18.5
higher	19.8	10.7	13.1	40.6
Age				
16-20	38.6	37.3	46.6	47.2
21-25	31.5	29.8	29.1	25.2
26-30	16.6	18.1	15.5	14.1
31-49	13.3	14.8	8.8	13.5



Net status differences. The baseline model

- Method: logistic regression using the person-month dataset
 - estimated separately for the four countries
 - weights that compensate for selective nonresponse in second wave
- Variables (defining our <u>baseline model</u>)
 - joint employment-enrolment status categories
 - "double status" (enrolled & employed)
 - enrolled only
 - employed only
 - inactive
 - educational attainment (below upper secondary; upper secondary; tertiary)
 - age + age-squared
 - year
 - birth cohort categories (1961-65, ..., 1976-80)
- Explanatory variables are time-varying with the exception of birth cohort



Results (1): Logistic regression estimates of the model without interaction effects

	FR	AT	HU	GE
Enrolment-employment status				
double status	0	0	0	0
employed only	0.755***	1.084***	0.458***	0.405*
enrolled only	-0.700***	0.192	-1.158***	-0.203
inactive	0.902***	1.100***	0.258*	0.887**
Additional control variables				
Constant	-5.371***	-6.074***	-4.571***	-5.003***

Additional control variables: level of education, age, age-squared, year, and cohort.



Do period and cohort interactions affect the observed status differences?

- We estimate two additional models for each countries
 - Baseline model + status X year interactions
 - Baseline model + status X cohort categories interactions added
- Analytical strategy remains the same

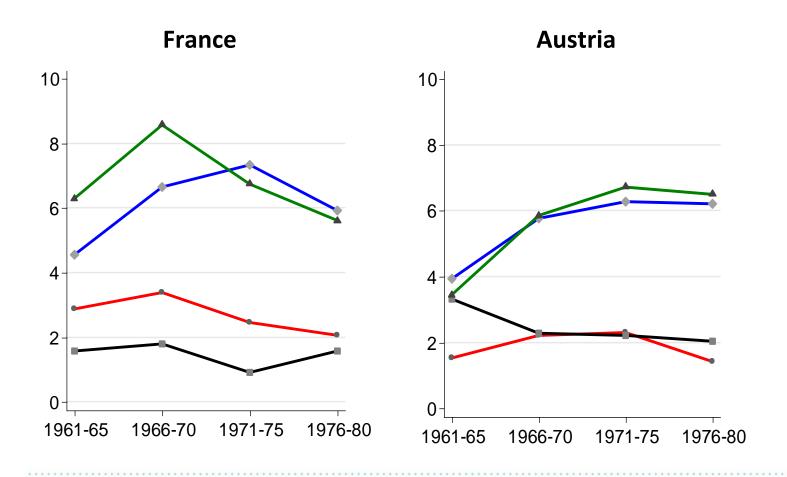


Results (2)

- We estimate two additional models for each countries
 - Baseline model + status X year interactions
 - $-\sqrt{}$
 - Baseline model + status X cohort categories interactions added
 - **-?√**
- Analytical strategy remains the same



Result (2a) Number of predicted monthly births per 1000 women, 1977-2008, based on extended model

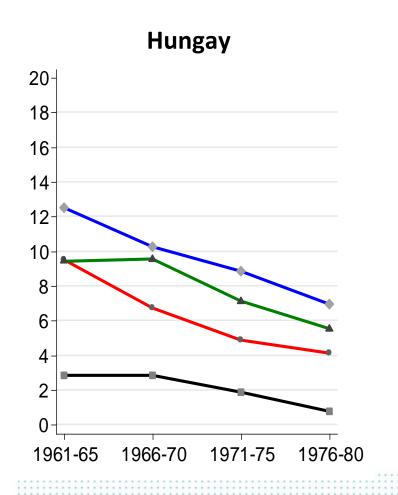


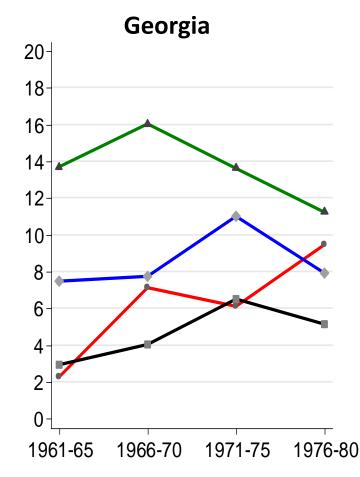


Legend: Double status – employment only – enrolment only – inactive

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Number of predicted monthly births per 1000 women, 1977-2008







Legend: Double status - employment only - enrolment only - inactive

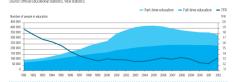
Summary

- Conclusion of the comparison:
 - (A) The *mitigated conflict* hypothesis (H2) supported in *France and Hungary*
 - (B) In Austria and Georgia the effect of enrolled only and double status do not differ regarding transition to parenthood, what support the validity of the classical assumption (Blossfeld, Huinink 1991) without any limitation
- Need of further studies:
 - More accurate inclusion of the enrolment status!
 - More elaboration on the educational system!
- Generally: the importance to consider double or parallel positions/roles!



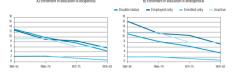






1983. The models included age, age-squared, cohort and interac-

Hungarian Generations and Gender Survey, own calculation.



Thank you for your attention!

