

Family Formation Trajectories of World War II Survivors

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Outline

- 1 Introduction
- 2 Sample Selection
 - Geography
 - Age
 - War experience
- 3 Sequences
- 4 Clustering
 - Four Clusters
 - Five Clusters
 - Cluster Membership
- 5 Conclusion

Introduction

- Does war matter for family formation?
- Do the specifics of the war experience matter?

Geography



1938



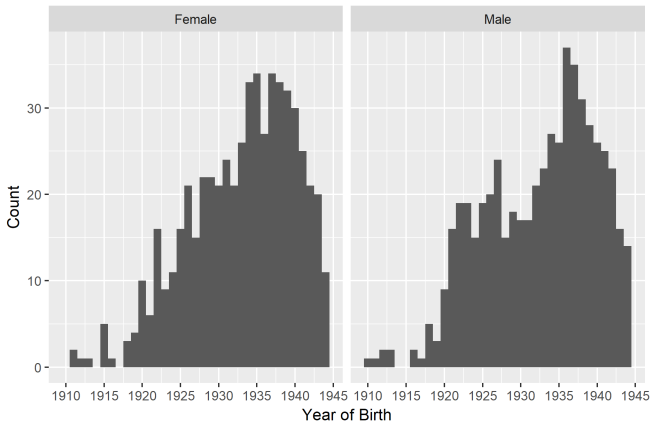
Today

Age

When does someone “start” experiencing war?

Age

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War experience

Have you ever experienced any of the events?

- ☐ Lived in a children's home
- ☐ Been fostered with another family
- ☐ Evacuated or relocated during a war
- ☐ Lived in a prisoner of war camp
- ☐ Lived in prison
- ☐ Lived in a labor camp
- ☐ Lived in a concentration camp
- ☐ Been an inpatient in a TB institution
- ☐ Stayed in a psychiatric hospital
- ☐ Been homeless for 1 month or more

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War experience

Not in concentration camp:

$$\sum = 1085$$

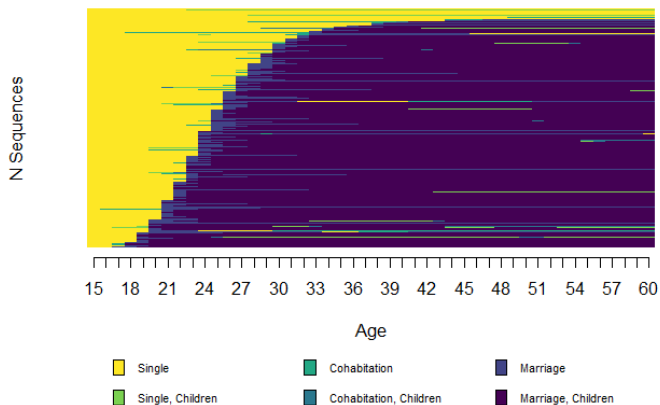
		POW	
		0	1
Evacuated	0	0	81
	1	979	25

In concentration camp:

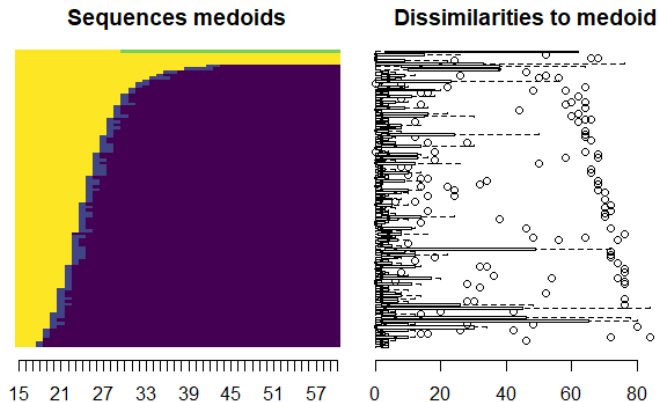
$$\sum = 29$$

		POW	
		0	1
Evacuated	0	17	5
	1	4	3

Sequence Description



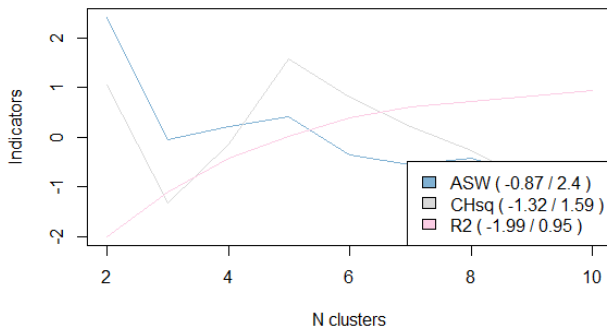
Dissimilarities



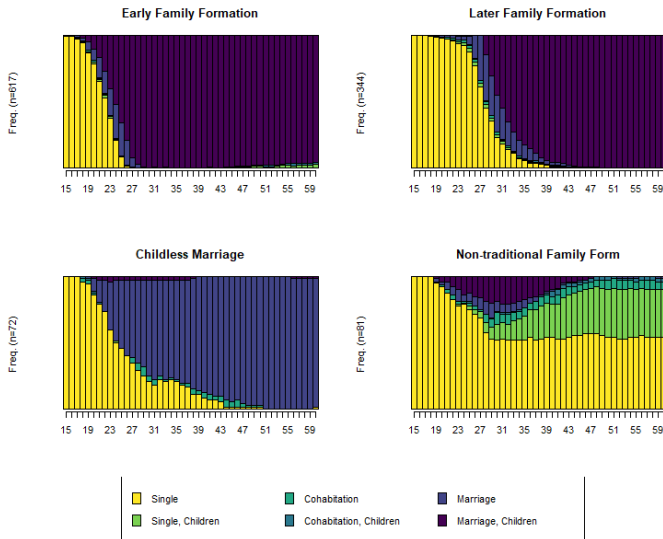
Representation quality: $R^2=0.45$ and $F=8.29$

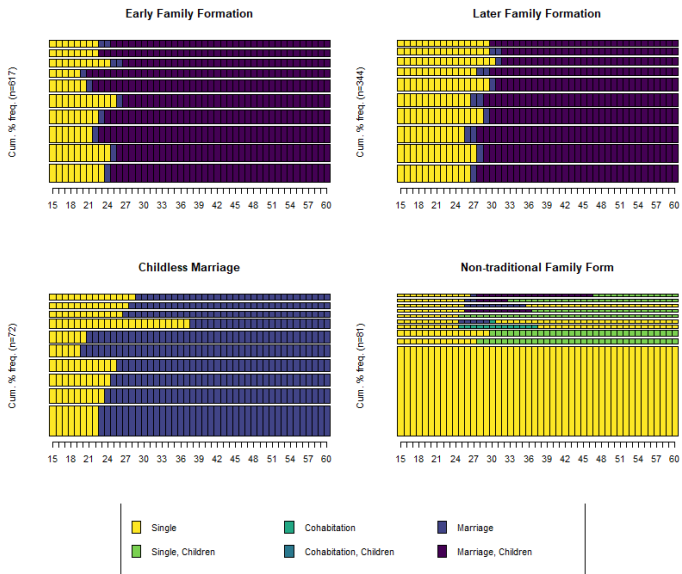
Picking k

- Metric selection vs. overfitting
- equal weights between indel and substitution costs

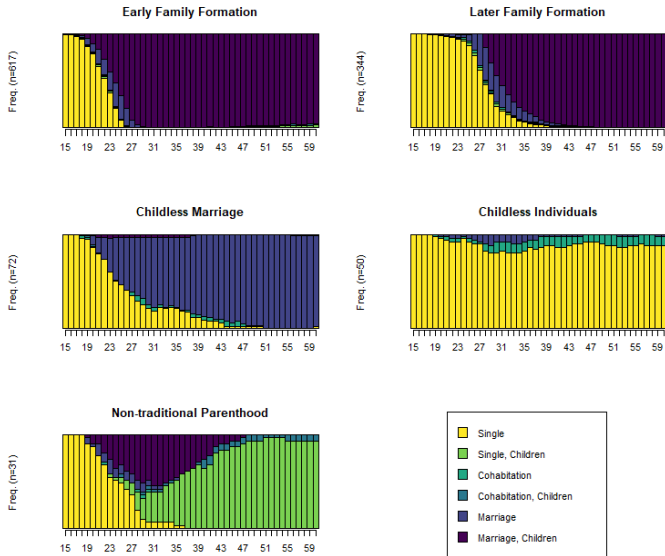


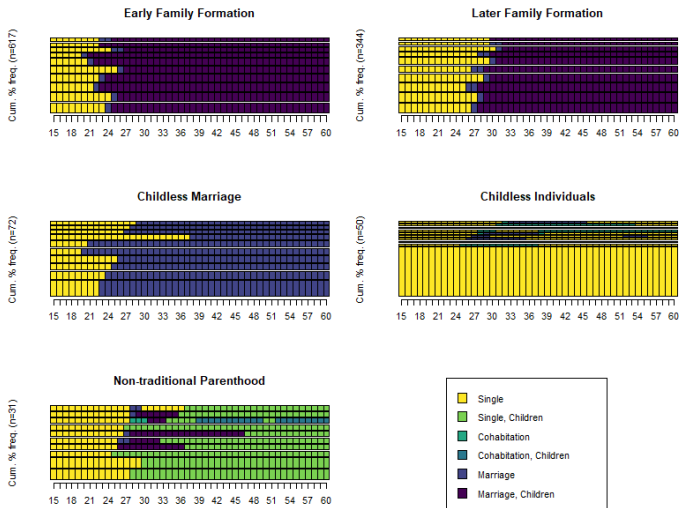
$$k = 4$$



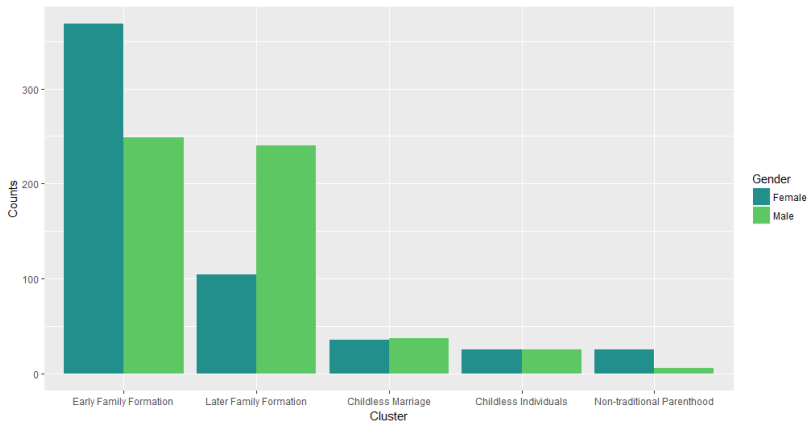
$k = 4$


$$k = 5$$



$k = 5$ 

Gender

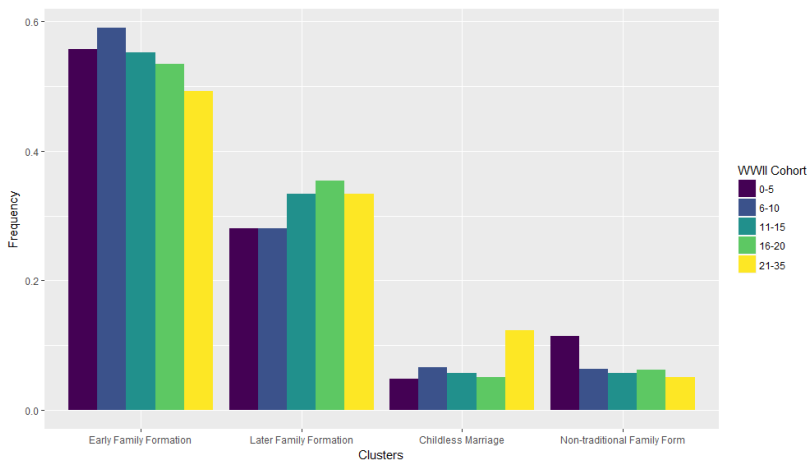


Age

Age in 1944	Early F.F.	Later F.F.	Childless Marriage	Non-traditional Family Form
0–5	0.56	0.28	0.05	0.11
6–10	0.59	0.28	0.07	0.06
11–15	0.55	0.33	0.06	0.06
16–20	0.53	0.35	0.05	0.06
21–35	0.49	0.33	0.12	0.05

F.F.: Family Formation

Age



Results

- no “enlistment shotgun” marriages



Results

- no “enlistment shotgun” marriages
- Adults more likely to be married and childless
- Children marry young and multiply
- ... or not
- POW have families later
- Concentration camp survivors have less children
 - ⇔ robustness

Future Research

- Comparison between comparable cohort
- Odds
- Robustness of war experience
- ...