Supplementary File

Table S1. Rotated factor loadings of items used for the sum index of gender role attitudes.

Gender role items: Agreement with the following questions	Factor 1	Factor 2	Included in the sum index
Having a job is the best way for a woman to be independent.	0.8122	0.0978	\checkmark
Even a married woman should have a paid job so that she can be financially independent.	0.8164	0.0569	\checkmark
If a woman earns more money than her partner, this inevitably leads to problems.	0.0127	0.3117	-
For parents, vocational training or higher education for their sons should be more important than vocational training or higher education for their daughters.	0.0052	0.4217	_
At home, the husband should have the final say.	0.1147	0.4167	-

Source: IAB-BAMF-SOEP Survey of Refugees (2016–2020). Own calculations.

Table S2. Factor rotation matrix of items used for the sum index of gender role attitudes.

	Factor 1	Factor 2
Factor 1	0.9812	0.1932
Factor 2	-0.1932	0.9812



Figure S1. Distribution of gender role attitudes in the (unimputed) sample (N = 795).

 Table S3. Descriptive statistics.

	Values	Share/mean (SD)	%imp
Explanatory variables			
Gender role attitudes	1 (traditional) – 7 (egalitarian)	6.0 (1.6)	10.5
Children	0 (no)	29.4	
	1 (yes)	70.6	—
Partner	0 (no)	34.8	0.3
	1 (yes)	65.3	0.5
Contact with persons from the same country of origin	1 (never) – 6 (daily)	3.8 (1.7)	18.9
Level of education acquired in the country of origin	1 (less than primary education/no school education) 2 (primary education)	18.7 18.3	
	3 (lower-secondary education)	25.5	23.9
	4 (upper-secondary education)	20.4	
	5 (post-secondary/tertiary education)	17.2	
Work experience acquired in	0 (no)	76.5	20
the country of origin	1 (yes)	23.5	2.8
Control variables			
Age at the time of arrival	12-30	22.3 (3.7)	0.9
Period of arrival in Germany	1 (before 2015)	21.2	
	2 (in 2015)	56.1	0.9
	3 (after 2015)	22.7	
Country of origin	1 (Syria)	51.7	
	2 (Afghanistan)	11.7	
	3 (Iraq)	13.5	-
	4 (Somalia/Eritrea)	9.5	
	5 (other)	13.6	
Residence title	1 (temporary residence permit)	19.2	
	2 (temporary suspension of deportation)	4.6	20.4
	3 (residence permission)	76.2	
Type of household	0 (private household)	77.8	
	1 (collective accommodation)	22.2	-
Current health	1 (bad) – 5 (very good)	4.1 (1.0)	18.2
Perceived discrimination	1 (never) 2 (rarely)	61.0 32.8	34.9
	3 (often)	6.2	
School attendance in	0 (no)	89.0	46.7
Germany	1 (yes)	11.0	,
Participation in an occupation-specific language course by ESF and BAMF or	0 (no) 1 (yes)	83.3 16.7	45.0
the FEA	1 (you) bod = 5 (you) - 5 - 1	07/14	10 /
German writing skills Contact with members of the	1 (very bad) – 5 (very good)	2.7 (1.1)	18.4
majority population	1 (never) – 6 (daily)	3.2 (1.9)	18.8

Source: Own calculations based on IAB-BAMF-SOEP Survey of Refugees (2016–2020). Note: Descriptive statistics in Table 1 (share/mean and the percentage of imputed values [%imp]) refer to person-months (spells) in the analytical sample of refugee women aged 18 to 30.

Table S4. Sensitivity analyses.

	Model 4	Model 5	Model 6
	Interaction	Children up to	Omission of the
	between variable	the age of six	residence title as
	of children and	the uge of six	a control variable
	that of a partner		
Independent variables			
Gender roles			
Gender role attitudes	1.124	1.127	1.122
	(0.138)	(0.138)	(0.137)
Children (ref.: no)		· · ·	
Yes	0.615	-	0.732
	(0.277)		(0.268)
Partner (ref.: no)			
Yes	0.267+	0.410**	0.417*
	(0.200)	(0.134)	(0.151)
Children*partner	1.867		
	(1.617)	-	-
Children up to the age of six		0.670	
	_	(0.218)	-
Frequency of contact with	0.891	0.891	0.891
persons from the same	(0.074)	(0.074)	(0.074)
country of origin			
Human capital acquired in the			
country of origin			
Level of education acquired in			
the country of origin (ref.: no			
school education)			
Primary education	1.283	1.318	1.305
	(0.659)	(0.676)	(0.669)
Lower secondary education	0.938	0.950	0.956
	(0.437)	(0.441)	(0.444)
Upper secondary education	1.287	1.293	1.318
	(0.596)	(0.597)	(0.607)
Post-secondary/tertiary	1.301	1.335	1.334
education	(0.674)	(0.685)	(0.688)
Work experience acquired in			
the country of origin (ref.: no)			
Yes	0.617	0.620	0.616
	(0.220)	(0.221)	(0.219)
Control variables			
Age at the time of arrival	1.117*	1.105*	1.113*
	(0.051)	(0.048)	(0.050)
Period of arrival in Germany			
(ref. before 2015)			
In 2015	0.566*	0.566*	0.570+

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2020 0.000 ^{***} 0.000 ^{***} 0.000 ^{***}

(0.000)	(0.000)	(0.000)

Source: Own calculations based on IAB-BAMF-SOEP Survey of Refugees (2016–2020). Notes: N = 16,692 in Model 4; N = 22,063 in Models 5–7. Imputed data, m = 100. Hazard ratio coefficients; robust standard errors in parentheses; ⁺p < 0.1; ^{*}p < 0.05; ^{**}p < 0.01; ^{***}p < 0.001.