SUPPLEMENTAL APPENDIX

Table A1: Descriptive statistics (means/proportions) for various subsamples

	Only wave 1	Wave 1+2	Only wave 1 Turks Germany	Wave 1+2 Turks Germany	Only wave 1 Poles Germany	Wave 1+2 Poles Germany
Language skills	5.33	6.37	5.06	6.04	4.93	6.11
Time-invariant characteristics						
Relative education	0.63	0.64	0.68	0.68	0.61	0.61
Absolute education (ref. ISCED 0-2)						
ISCED 3-4	0.42	0.35	0.27	0.25	0.51	0.42
ISCED 5-6	0.46	0.54	0.45	0.46	0.44	0.53
Language course before migration	0.55	0.52	0.25	0.20	0.53	0.59
Language improvement before migration	0.44	0.52	0.71	0.73	0.33	0.40
Stay in destination country before migration	0.20	0.26	0.12	0.16	0.40	0.45
Migration motive (ref. not mentioned)						
Family related	0.29	0.40	0.66	0.75	0.18	0.31
Education related	0.15	0.13	0.26	0.19	0.16	0.14
Work related	0.59	0.53	0.07	0.07	0.71	0.60
Age at migration (in years)	29.24	29.40	26.99	27.55	30.21	29.46
Turkish (ref. Polish)	0.25	0.29				
Female (ref. male)	0.45	0.52	0.52	0.45	0.39	0.56
Destination country (ref. Germany)						
Ireland	0.26	0.26				
Great Britain	0.15	0.10				
N	2,426	2,896	609	842	825	998

Table A2: Variable definitions

Name	Time-varying	Definition
Absolute education	No	Based on the ISCED-97 classification distinguishing between no education, primary and lower secondary (0-2), upper secondary (3-4), and tertiary education (5-6).
Duration of stay	Yes	Measures the difference in months between the interview date (wave 1 and wave 2) and the date of arrival.
Pre-migration investments		
Language course before migration	No	Dummy variable with 0=No and 1=Yes.
Language improvement before migration	No	Dummy variable with 0=No and 1=Yes. Language improvements are defined as any activity to improve competences in the destination language prior to migration.
Stay in destination country before migration	No	Dummy variable with 0=No and 1=Yes.
Post-migration investments / exposure		
Speaks destination language with friends	Yes	Answer categories range from 1 "never" to 5 "always."
Speaks destination language with partner	Yes	Answer categories range from 1 "never" to 5 "always." Singles were assigned a value of 0.
Improved destination language since migration	Yes	Dummy variable with 0=No and 1=Yes. Language improvements are defined as any activity to improve competences in the destination language since migration.
Currently receiving education	Yes	Dummy variable with 0=No and 1=Yes.
Language-intensive job	Yes	Dummy variable with 0=No and 1=Yes. A language-intensive job was classified as such if it was carried out by professionals (I and II) and routine non-manuals (IIIa and IIIb) according to the Erikson-Goldthorpe-Portocarero class scheme.
Destination language media consumption	Yes	Respondents were asked how frequently they consume destination media TV, newspaper, and music. Answer categories range from 1 "never" to 5 "every day." We average over the three media types.
Incentives for language-related investments		
Migration motive	No	For each of the three motives: dummy variable with 0=Not mentioned and 1=Mentioned. Respondents who mentioned a motive were openly asked about it (multiple responses possible). We include whether family-related (i.e., followed or joined family because of marriage), education-related, or work-related motives were mentioned.

Majority friends	Yes	Dummy variable with 0=no majority friends and 1=at least one majority friend. Based on network data where respondents listed up to four individuals to whom they feel close in the destination country (excluding close relatives). Majority members are those network members born in the receiving country.
Relationship status	Yes	0=Single (reference), 1= Non-majority partner, 2=Majority partner
Identification with destination country	Yes	Based on the average score of questions regarding respondents' assessment of the feeling of proudness toward the destination country (1 "very proud" to 4 "not proud at all") and its importance for their identity (1 "very important" to 4 "not important at all").
Plans to stay indefinitely	Yes	Dummy variable with 0=No and 1=Yes
Controls		
Age at migration	Yes	Measured in years
Migrant group	No	Distinguishes between immigrants of Polish origin in Germany (reference), Ireland, and Great Britain and immigrants of Turkish origin in Germany
Sex	No	Dummy variable with 0=Males and 1=Females

Table A3: Descriptive statistics ($N_{individuals}$=3,874, $n_{measurement\ occassions}$=5,322)

	Range	Sample mean	Mean Poles	Mean Turks	Percent imputed
Language skills	0-12	5.90	6.00	5.63	-
Time-invariant characteristics					
Relative education	0-1	0.64	0.63	0.68	4.4
Absolute education (ref. ISCED 0-2)					1.6
ISCED 3-4	0-1	0.38	0.42	0.26	
ISCED 5-6	0-1	0.51	0.52	0.45	
Language course before migration	0-1	0.53	0.65	0.22	8.8
Language improvement before migration	0-1	0.49	0.40	0.73	8.8
Stay in destination country before migration	0-1	0.23	0.27	0.14	-
Migration motive (ref. not mentioned)					0.1
Family related	0-1	0.35	0.21	0.71	
Education related	0-1	0.14	0.11	0.22	
Work related	0-1	0.55	0.74	0.07	
Age at migration (in years)	18-59	29.3	30.1	27.3	-
Turkish (ref. Polish)	0-1	0.27	-	-	-
Female (ref. male)	0-1	0.49	0.49	0.48	-
Destination country (ref. Germany)					-
Ireland	0-1	0.26	0.36	-	
Great Britain	0-1	0.12	0.17	-	
Time-varying characteristics					
Duration of stay (in months)	0-36	12.29	12.11	12.76	-
Speaks destination language with friends	1-5	3.61	3.55	3.78	7.6
Speaks destination language with partner	1-5	3.38	3.47	3.13	18.3
Improved destination language since immigration	0-1	0.67	0.63	0.80	7.5
Currently receiving education	0-1	0.17	0.15	0.21	0.4
Language-intensive job	0-1	0.03	0.03	0.03	-
Destination language media consumption	1-5	3.14	3.15	3.09	-
Identification with destination country	1-4	2.13	2.15	2.07	1.1
Majority friends (ref. no)	0-1	0.10	0.09	0.12	-
Relationship status (ref. single)					0.5
Non-majority partner	0-1	0.65	0.63	0.73	
Majority partner	0-1	0.08	0.05	0.15	
Plans to stay indefinitely (ref. no)	0-1	0.26	0.24	0.30	-