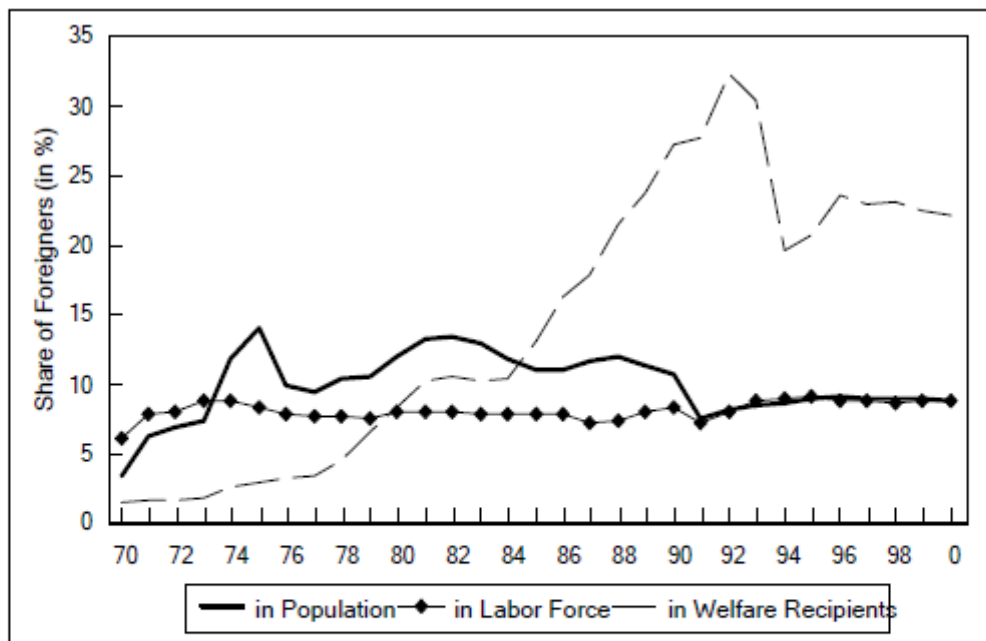


# Institutions, Culture and Migrants' Preference for State-provided Welfare.

## Longitudinal Evidence from Germany. – Online Appendix

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Figure OA1: Share of immigrants in the population, labour force and welfare recipients



Source: Population: Statistisches Bundesamt, Fachserie 1 Reihe 2, various years,  
Labor Force: Statistisches Bundesamt, Fachserie 1, Reihe 4.1.1, various years,  
Welfare Recipients: Statistisches Bundesamt, Fachserie 13, Reihe 2, various years.

Source: Riphahn (2004) *Immigrant Participation in Social Assistance Programs: Evidence from German Guestworkers*. Available online at <http://www.lsw.wiso.uni-erlangen.de/userfiles/team/riphahn/immigrant%20participation.pdf>

Figure OA2: Share of immigrants in the population, labour force and welfare recipients (own calculations)



Source: own calculations, data from Bundesagentur für Arbeit and DeStatis.

**Table OA1: Benefits received by EU migrants in Germany (as a percent of total benefits)**

Type of benefit	2007	2008	2009	2010	2011	2012	2013
Sickness and health benefit	2.2%	2.3%	2.3%	2.3%	2.4%	2.6%	2.8%
Disability	2.2%	2.3%	2.3%	2.3%	2.4%	2.6%	2.8%
Old age	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%
Survivors	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	1.0%
Family/Children	1.9%	0.6%	1.9%	2.2%	1.9%	1.9%	2.3%
Unemployment	4.2%	4.4%	4.6%	4.8%	5.0%	5.3%	5.4%
Housing	3.2%	4.2%	3.5%	4.6%	3.1%	2.8%	4.1%
Social exclusion	3.2%	4.2%	3.5%	4.6%	3.1%	2.8%	4.1%
Total	1.5%	1.4%	1.6%	1.7%	1.7%	1.7%	1.9%
Total benefits excl. old-age and survivors' benefits	2.1%	2.0%	2.2%	2.4%	2.2%	2.3%	2.6%

Source: ECAS (2014) *Fiscal impact of EU migrants in Austria, Germany, the Netherlands and the UK*. European Citizen Action Service. Brussels. (p. 46)

**Table OA2: Fiscal contribution of EU migrants in Germany**

Type of tax	2007	2008	2009	2010	2011	2012	2013
In EUR million							
Direct	26165	27063	26726	26087	29541	31757	33808
Indirect	4490	4992	4698	4581	5297	5811	6334
Total	30654	32054	31424	30668	34838	37568	40142
As a percent of GDP							
Direct	1.1%	1.1%	1.1%	1.0%	1.1%	1.2%	1.2%
Indirect	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Total	1.3%	1.3%	1.3%	1.2%	1.3%	1.4%	1.5%
As a percent of total government revenue							
Direct	2.5%	2.5%	2.3%	2.2%	2.5%	2.7%	2.8%
Indirect	0.4%	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%
Total	2.9%	2.9%	2.7%	2.6%	3.0%	3.2%	3.3%

Source: ECAS 2014 (p. 66).

**Table OA3: Comparison between Turkish, Mediterranean, Conservative, Liberal and Social-Democratic welfare systems**

Criterion	Turkey	Souther European countries	Conservative (DE) / Liberal (UK) / Social-democratic (SE)
<b>Polarisation and generosity</b>			
Pension Gini coefficient (higher values indicate inequality)	25.1	Greece 26.5 Italy 26.4 Portugal 22.1 Spain 22.1	Germany 20 Sweden 23.7 UK 5.1 OECD average 17.2
Progressivity index (higher values - higher dependency on pre-retirement earnings)	7.8	similar values to Sweden	Germany 26.7 Sweden 12.9 UK 81.1 OECD average 37.5
health system - public coverage	66% recent reforms in the direction of Southern European countries	100%	Germany 90% Sweden 100% UK 100%
<b>State penetration &amp; social assistance</b>			
social protection expenditure % GDP	overall 11.6%, of which 5.5% old-age coverage 4.8% health expenditures	Greece 21.3% Italy 24.2% Portugal 23.5% Spain 20.5%	Germany 27.6% Sweden 31.3% UK 20.15 OECD average 20.7%
poverty alleviation effectiveness % of population at risk of poverty before and after social assistance distribution	before 31%, after 26%	Greece: before 23% after 20% Italy: before 24% after 19% Portugal: before 26% after 20% Spain: before 24% after 20%	Germany: before 24% after 13% Sweden: before 29% after 9% UK: before 31% after 18%
<b>Public-private mix</b>	limited, no legal basis for decentralization at municipal level, welfare distribution at municipal level by charities	high level of public-private mix	Germany: high level of public-private mix Sweden: public provision UK: market/private dominated (charities)
<b>Model</b>	family and kin solidarity	family and kin solidarity	Germany: male breadwinner Sweden: dual breadwinner UK: dual breadwinner
<b>Family support</b>			
Family benefits % GDP	less than 0.5%	Greece <0.5% Italy, Portugal, Spain 0.5%-1%	Germany 1.2% Sweden 1.6% UK 2.2%
Paid parental leave	no	Spain no Portugal no Greece no	Germany: 104 weeks at 11% allowance Sweden: 51 weeks at 80% allowance
Unpaid parental leave	no	Portugal 24 weeks Greece 28 weeks Italy 24 weeks Spain 156 weeks	UK 26 weeks

Source: Author's summary of arguments presented by Grütjen D (2008) The Turkish welfare regime: An example of the Southern European model? The role of the state, market and family in welfare provision. *Turkish Policy Quarterly* 7(1): 111-129.

**Table OA4: Observations by country of origin**

Regime/Country	n
East Germany	2638
West Germany	4065
<b>Post-socialist</b>	
Albania	4
Bosnia-Herzegovina	3
Croatia	5
Czech Republic	8
Eastern Europe without particular country	45
Ex-Yugoslavia	169
Georgia	1
Hungary	4
Kazakhstan	61
Kyrgyzstan	2
Latvia	1
Macedonia	1
Poland	132
Romania	50
Russia	60
Serbia	1
Tajikistan	7
Ukraine	11
<b>Mediterranean</b>	
Greece	82
Italy	140
Portugal	4
Spain	36
<b>Turkey</b>	374
Sum	7904

Notes: N at the person-level. The number of single occasions is  $n \cdot 2$ .

Source: GSOEP.

**Table OA5: A second-order measurement model of welfare attitudes**

Factor / Item	Loading	Intercept
General welfare (second-order factor)		
(Un-)employment	1	
Old-age, care and sickness	0.98 ***	
Family and children	0.94 ***	
(Un-)employment (first-order factor)		
Financial security if unemployed	1	3.93 ***
Job creation measures	1.26 ***	3.46 ***
Old-age, care and sickness (first-order factor)		
Financial security of sick	1	3.48 ***
Help for sick	1.68 ***	3.32 ***
Financial security for those needing care	1.49 ***	3.55 ***
Help for those needing care	1.86 ***	3.30 ***
Financial security for old-age	1.26 ***	3.48 ***
Help for old-age	1.99 ***	3.29 ***
Family and Children (first order factor)		
Financial security for families	1	3.35 ***
Caring for pre-schoolers	1.38 ***	3.37 ***
Caring for school children	1.17 ***	1997: 3.62 *** 2002: 3.13 ***

Notes: \*\*\* p<.001.

Source: GSOEP.

**TableOA6: Differences-in-differences estimator - general welfare factor**

	General Welfare Factor							
	All migrants		Turks		Mediterranean		Post-socialist	
Year=2002 (Ref.=1997)	0.0153	***	0.0151	***	0.0154	***	0.0153	***
<i>Group (Ref.=Natives West)</i>								
Recent Migrants (≤10 years)	0.0458	**	0.0687	*	0.0887		0.0467	**
Non-recent Migrants (>10 years)	0.0373	***	0.0523	**	0.0046		0.0382	**
Natives East	0.0864	***	0.0870	***	0.0874	***	0.0865	***
<i>Year X Group</i>								
2002 X Recent Migrants	-0.0087		-0.0450		-0.0402		0.0014	
2002 X Non-recent Migrants	-0.0276	**	-0.0331	*	-0.0116		-0.0330	*
2002 X Natives East	-0.0248	***	-0.0248	***	-0.0248	***	-0.0251	***
Female (Ref.=Male)	-0.0041		-0.0055		-0.0038		-0.0039	
<i>Age (Ref.≤25)</i>								
26-35	0.0106		0.0097		0.0141		0.0156	*
36-45	0.0168	*	0.0197	*	0.0216	**	0.0212	**
46-55	0.0130		0.0147		0.0180	*	0.0191	*
56-65	0.0230	**	0.0224	**	0.0285	**	0.0305	***
66-75	-0.0045		-0.0043		-0.0025		-0.0009	
76-max	-0.0111		-0.0145		-0.0124		-0.0087	
<i>Empl. Status (Ref.=Non-working)</i>								
Unemployed	0.0070		0.0057		0.0040		0.0032	
Working	-0.0070		-0.0105	*	-0.0102	*	-0.0088	
Retired	0.0227		0.0207		0.0220		0.0251	
<i>Education (Ref.=Still in School)</i>								
Inadequately	0.0243		0.0503	*	0.0518	*	0.0408	
General Elementary	0.0197		0.0174		0.0175		0.0173	
Middle Vocational	0.0019		0.0002		-0.0042		-0.0007	
Vocational plus Abitur	-0.0386	*	-0.0381	*	-0.0449	*	-0.0427	*
Higher Vocational	-0.0227		-0.0246		-0.0295		-0.0276	
Higher Education	-0.0370	*	-0.0423	*	-0.0451	*	-0.0397	*
Equiv. HH-income (in 1,000€)	-0.0188	***	-0.0176	***	-0.0189	***	-0.0201	***
<i>HH-type (Ref.=1-Person HH)</i>								
Couple without Children	-0.0028		-0.0038		-0.0036		-0.0021	
Single Parent	0.0011		0.0040		0.0034		0.0024	
Couple with Children ≤ 16	0.0092		0.0066		0.0105		0.0099	
Couple with Children > 16	-0.0035		-0.0039		-0.0031		-0.0010	
Couple with Children ≤ 16 and > 16	0.0012		0.0010		0.0021		0.0035	
Multiple Generation HH	-0.0074		-0.0222	*	-0.0189		-0.0103	
Other Combination	-0.0029		-0.0150		-0.0157		-0.0049	
Satisfaction with Health	-0.0051	***	-0.0050	***	-0.0048	***	-0.0050	***
Cumulated Unempl. Experience	0.0038	**	0.0036	**	0.0034	*	0.0038	**
Language Proficiency	0.0021		-0.0064		0.0128		-0.0031	
Constant	0.0140		0.0265		0.0055		0.0179	
<i>Statistics</i>								
N	15810		14154		13930		14538	
R2	0.047		0.051		0.053		0.051	

Notes: \* p<.05, \*\* p <.01, \*\*\* p<.001 (one-sided tests). The model "All Migrants" is based on the full sample of natives and migrants (compare Table OA4). The models "Turks", "Mediterranean" and "Post-socialist" are each based on a sub-sample that excludes the other migrant groups.

Source: GSOEP.



**Table OA7: Correlation matrix of predicted factors and observed items**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Factors															
1	1.000														
2	0.891	1.000													
3	0.950	0.758	1.000												
4	0.859	0.716	0.718	1.000											
Observed Items															
5	0.443	0.674	0.290	0.330	1.000										
6	0.504	0.743	0.346	0.371	0.341	1.000									
7	0.452	0.429	0.435	0.345	0.454	0.323	1.000								
8	0.762	0.610	0.797	0.583	0.239	0.265	0.416	1.000							
9	0.629	0.510	0.665	0.461	0.378	0.247	0.468	0.460	1.000						
10	0.791	0.614	0.856	0.571	0.205	0.245	0.325	0.583	0.621	1.000					
11	0.509	0.443	0.516	0.383	0.431	0.271	0.540	0.381	0.535	0.363	1.000				
12	0.862	0.663	0.933	0.629	0.211	0.259	0.323	0.645	0.541	0.706	0.409	1.000			
13	0.409	0.362	0.262	0.623	0.368	0.231	0.382	0.225	0.287	0.162	0.408	0.198	1.000		
14	0.516	0.396	0.357	0.800	0.149	0.148	0.170	0.284	0.206	0.258	0.180	0.277	0.289	1.000	
15	0.425	0.320	0.303	0.652	0.136	0.103	0.143	0.238	0.199	0.218	0.178	0.236	0.231	0.669	1.000

Source: GSOEP.

**Table OA8: Correlation matrix of predicted factor and covariates**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 General welfare factor	1.00																			
2 (Un-)employment factor	0.89	1.00																		
3 Old-age, care and sickness factor	0.95	0.76	1.00																	
4 Family and children factor	0.86	0.72	0.72	1.00																
5 Year=2002 (Ref.=1997)	0.01	0.01	0.02	-0.01	1.00															
6 Natives West	-0.15	-0.17	-0.11	-0.16	0.00	1.00														
7 Recent Migrants (≤10 years)	0.02	0.02	0.02	0.01	0.00	-0.23	1.00													
8 Non-recent Migrants (>10 years)	0.03	0.01	0.04	0.01	-0.01	-0.35	-0.08	1.00												
9 Natives East	0.13	0.16	0.08	0.16	0.01	-0.72	-0.16	-0.24	1.00											
10 Female (Ref.=Male)	0.01	0.04	-0.01	-0.01	0.00	0.01	0.01	-0.03	0.01	1.00										
11 Age ≤25	-0.01	0.00	-0.02	-0.01	-0.11	-0.04	0.05	-0.06	0.06	0.01	1.00									
12 Age 26-35	-0.03	-0.03	-0.03	-0.02	-0.08	0.01	0.07	-0.01	-0.04	-0.01	-0.15	1.00								
13 Age 36-45	0.00	-0.01	0.00	0.01	0.04	0.00	0.01	-0.03	0.01	-0.01	-0.16	-0.28	1.00							
14 Age 46-55	-0.01	-0.01	-0.01	-0.02	0.03	-0.03	-0.04	0.07	0.00	-0.01	-0.13	-0.24	-0.26	1.00						
15 Age56-65	0.04	0.04	0.04	0.03	0.02	-0.02	-0.04	0.04	0.02	-0.02	-0.13	-0.23	-0.25	-0.21	1.00					
16 Age 66-75	0.02	0.02	0.01	0.01	0.05	0.05	-0.04	-0.02	-0.02	0.01	-0.10	-0.17	-0.18	-0.15	-0.15	1.00				
17 Age 76-max	0.00	0.01	0.01	-0.01	0.08	0.06	-0.03	-0.04	-0.03	0.05	-0.06	-0.11	-0.11	-0.10	-0.09	-0.07	1.00			
18 Non-working	0.03	0.04	0.02	0.02	-0.02	0.00	0.03	0.03	-0.04	0.18	0.12	-0.04	-0.12	-0.08	0.34	-0.14	-0.10	1.00		
19 Unemployed	0.06	0.07	0.05	0.06	-0.04	-0.13	0.04	0.04	0.09	-0.02	-0.01	-0.01	0.00	0.03	0.08	-0.09	-0.05	-0.14	1.00	
20 Working	-0.07	-0.08	-0.05	-0.05	-0.02	0.02	-0.01	-0.02	0.00	-0.17	-0.02	0.17	0.25	0.18	-0.21	-0.37	-0.25	-0.62	-0.31	1.00
21 Retired	0.02	0.02	0.02	0.01	0.09	0.07	-0.05	-0.03	-0.03	0.05	-0.11	-0.20	-0.22	-0.18	-0.16	0.77	0.52	-0.21	-0.10	-0.46
22 Still in School	0.00	0.00	-0.01	0.00	-0.09	-0.01	0.00	-0.03	0.03	0.00	0.33	-0.05	-0.05	-0.04	-0.04	-0.03	-0.02	0.17	-0.03	-0.11
23 Inadequately	0.03	0.02	0.03	0.02	-0.04	-0.12	0.04	0.32	-0.10	0.02	0.02	-0.02	-0.03	0.02	0.04	0.00	-0.02	0.06	0.04	-0.06
24 General Elementary	0.04	0.04	0.05	0.03	0.00	0.06	0.03	0.12	-0.16	0.11	0.04	-0.05	-0.09	-0.04	0.04	0.09	0.11	0.06	-0.01	-0.14
25 Middle Vocational	0.04	0.05	0.03	0.02	0.00	0.02	-0.05	-0.09	0.06	-0.02	0.01	0.03	0.00	0.01	-0.01	-0.02	-0.02	0.00	0.05	-0.01
26 Vocational plus Abitur	-0.04	-0.04	-0.04	-0.04	0.01	0.01	0.11	0.01	-0.06	-0.02	0.02	0.08	0.02	-0.03	-0.06	-0.04	-0.02	-0.02	0.00	0.05
27 Higher Vocational	-0.03	-0.03	-0.03	-0.03	0.03	0.06	-0.02	-0.07	-0.01	-0.05	-0.05	0.02	0.05	0.01	-0.02	-0.02	-0.02	-0.04	-0.04	0.07
28 Higher Education	-0.06	-0.08	-0.05	-0.03	0.02	-0.08	-0.03	-0.11	0.17	-0.05	-0.12	-0.01	0.08	0.05	0.01	-0.03	-0.05	-0.09	-0.04	0.14
29 Equiv. HH-income (in 1,000€)	-0.12	-0.13	-0.10	-0.10	0.10	0.19	-0.06	-0.12	-0.10	-0.05	0.01	-0.02	0.06	0.08	-0.06	-0.08	-0.03	-0.11	-0.15	0.23
30 1-Person HH	0.01	0.01	0.01	0.00	0.03	0.07	-0.06	-0.05	-0.02	0.07	-0.05	-0.03	-0.09	-0.05	0.00	0.11	0.22	-0.06	-0.01	-0.10
31 Couple without Children	0.01	0.01	0.01	0.00	0.05	0.03	-0.04	-0.04	0.01	-0.02	-0.10	-0.10	-0.25	-0.02	0.27	0.22	0.05	0.03	-0.01	-0.17
32 Single Parent	0.01	0.00	0.01	0.01	0.00	0.00	0.01	-0.01	0.00	0.06	0.05	0.01	0.03	0.01	-0.05	-0.04	-0.02	-0.02	0.02	0.03
33 Couple with Children ≤ 16	-0.01	-0.01	-0.01	0.01	-0.03	0.02	0.08	0.00	-0.06	-0.01	-0.10	0.30	0.29	-0.15	-0.23	-0.18	-0.11	-0.02	-0.01	0.17
34 Couple with Children > 16	-0.01	-0.02	-0.01	-0.01	-0.01	-0.04	-0.03	0.03	0.04	-0.05	0.16	-0.12	-0.08	0.19	0.02	-0.07	-0.09	0.02	0.00	0.06
35 Couple with Children ≤ 16 and > 16	0.00	0.01	0.00	0.01	-0.04	-0.08	0.02	0.05	0.05	-0.01	0.11	-0.13	0.19	0.06	-0.11	-0.09	-0.06	0.00	0.01	0.07
36 Multiple Generation HH	0.00	0.00	0.00	-0.02	-0.02	-0.05	0.07	0.09	-0.04	0.01	0.01	0.01	-0.02	-0.01	0.01	-0.02	0.02	0.03	0.03	-0.03
37 Other Combination	0.00	-0.01	0.00	0.00	-0.06	0.01	-0.02	-0.02	0.01	-0.01	0.01	0.00	-0.01	0.00	0.02	-0.02	0.00	0.01	0.01	0.00
38 Satisfaction with Health	-0.08	-0.07	-0.08	-0.06	-0.05	0.04	0.05	-0.03	-0.04	-0.03	0.15	0.19	0.07	-0.07	-0.15	-0.13	-0.12	-0.06	-0.05	0.21
39 Cumulated Unempl. Experience	0.07	0.07	0.07	0.05	0.09	-0.10	0.03	0.10	0.03	0.01	-0.09	-0.04	0.02	0.04	0.09	-0.02	-0.04	0.05	0.32	-0.17
40 Language Proficiency	0.04	0.03	0.05	0.02	-0.02	-0.34	0.39	0.63	-0.23	-0.01	-0.04	0.00	-0.02	0.06	0.04	-0.04	-0.05	0.07	0.06	-0.05

Continued on next page

Continuation of Table OA8

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
21 Retired	1.00																			
22 Still in School	-0.04	1.00																		
23 Inadequately	-0.01	-0.02	1.00																	
24 General Elementary	0.14	-0.04	-0.09	1.00																
25 Middle Vocational	-0.02	-0.09	-0.18	-0.47	1.00															
26 Vocational plus Abitur	-0.04	-0.02	-0.04	-0.10	-0.21	1.00														
27 Higher Vocational	-0.03	-0.03	-0.05	-0.14	-0.29	-0.06	1.00													
28 Higher Education	-0.06	-0.04	-0.08	-0.21	-0.43	-0.09	-0.13	1.00												
29 Equiv. HH-income (in 1,000€)	-0.09	0.02	-0.08	-0.13	-0.08	0.03	0.04	0.24	1.00											
30 1-Person HH	0.22	-0.03	-0.03	0.05	-0.01	0.01	-0.01	-0.01	-0.18	1.00										
31 Couple without Children	0.21	-0.06	-0.03	0.01	0.01	-0.03	0.00	0.02	0.04	-0.25	1.00									
32 Single Parent	-0.04	0.01	0.00	0.02	0.02	0.00	-0.03	-0.02	-0.11	-0.08	-0.15	1.00								
33 Couple with Children ≤ 16	-0.21	-0.05	-0.03	-0.06	0.01	0.03	0.05	0.02	-0.02	-0.20	-0.37	-0.12	1.00							
34 Couple with Children > 16	-0.11	0.08	0.05	-0.01	0.00	0.00	-0.02	-0.01	0.16	-0.17	-0.31	-0.10	-0.25	1.00						
35 Couple with Children ≤ 16 and > 16	-0.11	0.12	0.04	-0.01	-0.02	-0.01	0.01	-0.01	0.01	-0.10	-0.19	-0.06	-0.15	-0.13	1.00					
36 Multiple Generation HH	0.00	-0.01	0.06	0.05	-0.03	0.00	-0.03	-0.02	0.03	-0.06	-0.12	-0.04	-0.09	-0.08	-0.05	1.00				
37 Other Combination	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	0.01	0.01	-0.05	-0.09	-0.03	-0.07	-0.06	-0.04	-0.02	1.00			
38 Satisfaction with Health	-0.19	0.05	-0.04	-0.06	0.00	0.04	0.02	0.03	0.11	-0.06	-0.13	0.02	0.14	0.02	0.03	0.01	-0.01	1.00		
39 Cumulated Unempl. Experience	-0.04	-0.04	0.09	0.04	0.03	-0.01	-0.04	-0.07	-0.18	0.04	0.01	0.04	-0.04	-0.02	0.00	0.01	-0.01	-0.10	1.00	
40 Language Proficiency	-0.05	-0.03	0.40	0.13	-0.12	0.03	-0.07	-0.11	-0.14	-0.07	-0.06	-0.03	0.03	0.04	0.06	0.12	-0.03	-0.04	0.13	1.00

Source: GSOEP.

**Table OA9: Summary statistics of all variables**

	N	Mean	StdDev	Min	Max
General welfare factor	15810	0.002	0.221	-1.022	0.710
(Un-)employment factor	15810	0.003	0.283	-1.296	1.018
Old-age, care and sickness factor	15810	0.002	0.303	-1.150	0.833
Family and children factor	15810	0.003	0.295	-1.234	0.957
Year=2002 (Ref.=1997)	15810	0.500	0.500	0.000	1.000
Natives West	15810	0.514	0.500	0.000	1.000
Recent Migrants ( $\leq 10$ years)	15810	0.048	0.214	0.000	1.000
Non-recent Migrants ( $> 10$ years)	15810	0.104	0.305	0.000	1.000
Natives East	15810	0.334	0.472	0.000	1.000
Female (Ref.=Male)	15810	0.518	0.500	0.000	1.000
Age $\leq 25$	15810	0.075	0.264	0.000	1.000
Age 26-35	15810	0.204	0.403	0.000	1.000
Age 36-45	15810	0.233	0.423	0.000	1.000
Age 46-55	15810	0.179	0.384	0.000	1.000
Age 56-65	15810	0.168	0.374	0.000	1.000
Age 66-75	15810	0.099	0.299	0.000	1.000
Age 76-max	15810	0.041	0.198	0.000	1.000
Non-working	15810	0.217	0.412	0.000	1.000
Unemployed	15810	0.066	0.248	0.000	1.000
Working	15810	0.584	0.493	0.000	1.000
Retired	15810	0.133	0.340	0.000	1.000
Still in School	15810	0.009	0.092	0.000	1.000
Inadequately	15810	0.030	0.171	0.000	1.000
General Elementary	15810	0.182	0.386	0.000	1.000
Middle Vocational	15810	0.492	0.500	0.000	1.000
Vocational plus Abitur	15810	0.044	0.205	0.000	1.000
Higher Vocational	15810	0.080	0.272	0.000	1.000
Higher Education	15810	0.163	0.370	0.000	1.000
Equiv. HH-income (in 1,000€)	15810	1.363	0.659	0.033	10.607
1-Person HH	15810	0.117	0.321	0.000	1.000
Couple without Children	15810	0.314	0.464	0.000	1.000
Single Parent	15810	0.048	0.215	0.000	1.000
Couple with Children $\leq 16$	15810	0.228	0.420	0.000	1.000
Couple with Children $> 16$	15810	0.173	0.378	0.000	1.000
Couple with Children $\leq 16$ and $> 16$	15810	0.075	0.264	0.000	1.000
Multiple Generation HH	15810	0.028	0.166	0.000	1.000
Other Combination	15810	0.017	0.128	0.000	1.000
Satisfaction with Health	15810	6.468	2.139	0.000	10.000
Cumulated Unempl. Experience	15810	0.740	1.662	0.000	26.000
Language Proficiency	15810	1.220	0.679	1.000	5.000

Notes: N at the observational level.

Source: GSOEP.

**Table OA10: Differences-in-differences estimator – (un-)employment factor**

	(Un-)employment			
	All migrants	Turks	Mediterranean	Post-socialist
Year=2002 (Ref.=1997)	0.0132 **	0.0130 **	0.0135 **	0.0134 **
<i>Group (Ref.=Natives West)</i>				
Recent Migrants (≤10 years)	0.0495 **	0.0522	0.0538	0.0519 **
Non-recent Migrants (>10 years)	0.0340 **	0.0505 *	-0.0049	0.0353 *
Natives East	0.1235 ***	0.1242 ***	0.1247 ***	0.1239 ***
<i>Year X Group</i>				
2002 X Recent Migrants	0.0031	-0.0164	-0.0177	0.0093
2002 X Non-recent Migrants	-0.0200	-0.0291	0.0058	-0.0311
2002 X Natives East	-0.0237 **	-0.0237 **	-0.0237 **	-0.0242 **
Female (Ref.=Male)	0.0119 **	0.0113 *	0.0140 **	0.0129 **
<i>Age (Ref.≤25)</i>				
26-35	0.0092	0.0075	0.0144	0.0155
36-45	0.0127	0.0162	0.0200 *	0.0193 *
46-55	0.0160	0.0172	0.0225 *	0.0230 *
56-65	0.0250 *	0.0230 *	0.0319 **	0.0321 **
66-75	0.0019	-0.0022	0.0005	0.0038
76-max	0.0005	-0.0100	-0.0062	-0.0014
<i>Empl. Status (Ref.=Non-working)</i>				
Unemployed	0.0113	0.0121	0.0079	0.0031
Working	-0.0137 *	-0.0168 **	-0.0183 **	-0.0173 **
Retired	0.0152	0.0176	0.0177	0.0196
<i>Education (Ref.=Still in School)</i>				
Inadequately	0.0294	0.0533 *	0.0600 *	0.0488
General Elementary	0.0307	0.0296	0.0301	0.0291
Middle Vocational	0.0129	0.0124	0.0085	0.0106
Vocational plus Abitur	-0.0427	-0.0438	-0.0533 *	-0.0466 *
Higher Vocational	-0.0193	-0.0212	-0.0254	-0.0249
Higher Education	-0.0515 *	-0.0576 *	-0.0597 *	-0.0539 *
Equiv. HH-income (in 1,000€)	-0.0279 ***	-0.0273 ***	-0.0284 ***	-0.0298 ***
<i>HH-type (Ref.=1-Person HH)</i>				
Couple without Children	-0.0031	-0.0037	-0.0046	-0.0017
Single Parent	-0.0097	-0.0083	-0.0076	-0.0082
Couple with Children ≤ 16	0.0127	0.0069	0.0110	0.0128
Couple with Children > 16	-0.0065	-0.0101	-0.0077	-0.0034
Couple with Children ≤ 16 and > 16	0.0130	0.0085	0.0098	0.0134
Multiple Generation HH	-0.0008	-0.0196	-0.0102	0.0050
Other Combination	-0.0128	-0.0271	-0.0309 *	-0.0139
Satisfaction with Health	-0.0046 ***	-0.0042 ***	-0.0041 ***	-0.0042 ***
Cumulated Unempl. Experience	0.0041 **	0.0037 *	0.0030	0.0042 **
Language Proficiency	0.0013	-0.0098	0.0152	0.0018
Constant	0.0018	0.0168	-0.0114	-0.0012
<i>Statistics</i>				
N	15810	14154	13930	14538
R2	0.059	0.065	0.067	0.064

Notes: \* p<.05, \*\* p <.01, \*\*\* p<.001 (one-sided tests).

Source: GSOEP.

**Table OA11: Differences-in-differences estimator – old-age/care/sickness factor**

	Old-age/care/sickness							
	All migrants		Turks		Mediterranean		Post-socialist	
Year=2002 (Ref.=1997)	0.0251	***	0.0247	***	0.0252	***	0.0251	***
<i>Group (Ref.=Natives West)</i>								
Recent Migrants (≤10 years)	0.0597	**	0.1214	**	0.1135		0.0593	**
Non-recent Migrants (>10 years)	0.0491	***	0.0704	**	0.0014		0.0551	**
Natives East	0.0875	***	0.0882	***	0.0888	***	0.0876	***
<i>Year X Group</i>								
2002 X Recent Migrants	-0.0128		-0.1005	*	0.0167		0.0043	
2002 X Non-recent Migrants	-0.0301	*	-0.0350		-0.0017		-0.0460	*
2002 X Natives East	-0.0408	***	-0.0406	***	-0.0409	***	-0.0411	***
Female (Ref.=Male)	-0.0117	*	-0.0130	*	-0.0119	*	-0.0117	*
<i>Age (Ref.≤25)</i>								
26-35	0.0129		0.0151		0.0212	*	0.0202	*
36-45	0.0229	*	0.0288	**	0.0312	**	0.0283	**
46-55	0.0175		0.0225	*	0.0268	*	0.0263	*
56-65	0.0290	*	0.0317	**	0.0393	**	0.0398	**
66-75	-0.0121		-0.0053		-0.0045		-0.0057	
76-max	-0.0145		-0.0100		-0.0092		-0.0081	
<i>Empl. Status (Ref.=Non-working)</i>								
Unemployed	0.0072		0.0041		0.0031		0.0041	
Working	-0.0033		-0.0074		-0.0050		-0.0048	
Retired	0.0354		0.0290		0.0340		0.0376	
<i>Education (Ref.=Still in School)</i>								
Inadequately	0.0217		0.0578	*	0.0572		0.0491	
General Elementary	0.0162		0.0098		0.0092		0.0112	
Middle Vocational	-0.0069		-0.0097		-0.0182		-0.0111	
Vocational plus Abitur	-0.0575	*	-0.0565	*	-0.0674	*	-0.0644	*
Higher Vocational	-0.0360		-0.0400		-0.0487	*	-0.0433	
Higher Education	-0.0513	*	-0.0588	*	-0.0647	*	-0.0559	*
Equiv. HH-income (in 1,000€)	-0.0215	***	-0.0195	***	-0.0217	***	-0.0225	***
<i>HH-type (Ref.=1-Person HH)</i>								
Couple without Children	-0.0059		-0.0076		-0.0061		-0.0056	
Single Parent	0.0005		0.0036		0.0030		0.0026	
Couple with Children ≤ 16	0.0040		0.0024		0.0075		0.0053	
Couple with Children > 16	-0.0056		-0.0037		-0.0030		-0.0034	
Couple with Children ≤ 16 and > 16	-0.0090		-0.0074		-0.0049		-0.0040	
Multiple Generation HH	-0.0058		-0.0251		-0.0188		-0.0156	
Other Combination	-0.0050		-0.0185		-0.0185		-0.0085	
Satisfaction with Health	-0.0073	***	-0.0075	***	-0.0073	***	-0.0073	***
Cumulated Unempl. Experience	0.0060	***	0.0055	**	0.0059	**	0.0061	**
Language Proficiency	0.0036		-0.0084		0.0184		-0.0071	
Constant	0.0336		0.0488		0.0211		0.0428	
<i>Statistics</i>								
N	15810		14154		13930		14538	
R2	0.032		0.033		0.035		0.033	

Notes: \* p<.05, \*\* p <.01, \*\*\* p<.001 (one-sided tests).

Source: GSOEP.

**Table OA12: Differences-in-differences estimator – family and children factor**

	Family and Children			
	All migrants	Turks	Mediterranean	Post-socialist
Year=2002 (Ref.=1997)	-0.0053	-0.0054	-0.0051	-0.0052
<i>Group (Ref.=Natives West)</i>				
Recent Migrants (≤10 years)	0.0481 **	0.0338	0.1579 *	0.0500 *
Non-recent Migrants (>10 years)	0.0435 **	0.0534 *	0.0278	0.0339
Natives East	0.1039 ***	0.1049 ***	0.1052 ***	0.1039 ***
<i>Year X Group</i>				
2002 X Recent Migrants	-0.0072	0.0050	-0.1953 *	0.0030
2002 X Non-recent Migrants	-0.0422 **	-0.0480 *	-0.0486 *	-0.0272
2002 X Natives East	0.0105	0.0100	0.0105	0.0101
Female (Ref.=Male)	-0.0121 *	-0.0159 **	-0.0128 *	-0.0122 *
<i>Age (Ref.≤25)</i>				
26-35	0.0181	0.0115	0.0126	0.0209 *
36-45	0.0262 *	0.0248 *	0.0249 *	0.0292 **
46-55	0.0118	0.0100	0.0114	0.0166
56-65	0.0289 **	0.0233 *	0.0275 *	0.0355 **
66-75	-0.0046	-0.0122	-0.0084	-0.0031
76-max	-0.0308	-0.0451	-0.0414	-0.0302
<i>Empl. Status (Ref.=Non-working)</i>				
Unemployed	0.0061	0.0045	0.0025	0.0023
Working	-0.0133 *	-0.0189 **	-0.0204 **	-0.0154 *
Retired	0.0307	0.0310	0.0273	0.0337
<i>Education (Ref.=Still in School)</i>				
Inadequately	0.0436	0.0756 *	0.0741 *	0.0484
General Elementary	0.0307	0.0336	0.0345	0.0315
Middle Vocational	0.0066	0.0046	0.0034	0.0049
Vocational plus Abitur	-0.0333	-0.0308	-0.0324	-0.0338
Higher Vocational	-0.0214	-0.0207	-0.0230	-0.0249
Higher Education	-0.0267	-0.0314	-0.0316	-0.0280
Equiv. HH-income (in 1,000€)	-0.0203 ***	-0.0190 ***	-0.0198 ***	-0.0228 ***
<i>HH-type (Ref.=1-Person HH)</i>				
Couple without Children	0.0012	0.0001	-0.0004	0.0025
Single Parent	0.0152	0.0220	0.0189	0.0157
Couple with Children ≤ 16	0.0245 **	0.0217 *	0.0263 **	0.0255 **
Couple with Children > 16	0.0032	0.0014	0.0018	0.0076
Couple with Children ≤ 16 and > 16	0.0095	0.0118	0.0099	0.0113
Multiple Generation HH	-0.0242	-0.0397 *	-0.0457 **	-0.0259
Other Combination	0.0157	-0.0004	0.0007	0.0145
Satisfaction with Health	-0.0061 ***	-0.0059 ***	-0.0055 ***	-0.0059 ***
Cumulated Unempl. Experience	0.0028	0.0035 *	0.0028	0.0030
Language Proficiency	0.0013	-0.0032	0.0055	-0.0033
Constant	0.0122	0.0245	0.0133	0.0164
<i>Statistics</i>				
N	15810	14154	13930	14538
R2	0.045	0.050	0.052	0.048

Notes: \* p<.05, \*\* p <.01, \*\*\* p<.001 (one-sided tests).

Source: GSOEP.

**Table OA13: Predicted margins and DID estimator from regression models of the (un-)employment factor**

	Natives West	Migrants (<10years)			Migrants (>10 years)			Natives East		
	Predictive Margins	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID
<b>All Migrants</b>										
1997	-0.0461	0.0034	0.0495 **		-0.0121	0.0340 **		0.0773	0.1235 ***	
2002	-0.0329	0.0197	0.0526 ***	0.0031	-0.0189	0.0141	-0.0200	0.0669	0.0998 ***	-0.0237 **
n	4065	382			820			2638		
<b>Turks</b>										
1997	-0.0488	0.0034	0.0522		0.0017	0.0505 *		0.0753	0.1242 ***	
2002	-0.0358	0.0000	0.0358	-0.0164	-0.0144	0.0214	-0.0291	0.0646	0.1004 ***	-0.0237 **
n	4065	67			307			2638		
<b>Mediterranean</b>										
1997	-0.0482	0.0055	0.0538		-0.0532	-0.0049		0.0764	0.1247 ***	
2002	-0.0347	0.0014	0.0361	-0.0177	-0.0339	0.0008	0.0058	0.0663	0.1010 ***	-0.0237 **
n	4065	20			242			2638		
<b>Post-socialist</b>										
1997	-0.0487	0.0031	0.0519 **		-0.0134	0.0353 *		0.0752	0.1239 ***	
2002	-0.0353	0.0258	0.0612 **	0.0093	-0.0312	0.0042	-0.0311	0.0644	0.0997 ***	-0.0242 **
n	4065	295			271			2638		

Notes: \* p<.05, \*\* p<.01, \*\*\* p<.001 (one-sided tests). Margins predicted with all covariates at their mean.

Source: Estimates predicted from regression models in Table OA10.



**Table OA14: Predicted margins and DID estimator from regression models of the old-age/care/sickness factor**

	Natives West	Migrants (<10years)			Migrants (>10 years)			Natives East		
	Predictive Margins	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID
<b>All Migrants</b>										
1997	-0.0461	0.0034	0.0495 **		-0.0121	0.0340 **		0.0773	0.1235 ***	
2002	-0.0329	0.0197	0.0526 ***	0.0031	-0.0189	0.0141	-0.0200	0.0669	0.0998 ***	-0.0237 **
n	4065	382			820			2638		
<b>Turks</b>										
1997	-0.0488	0.0034	0.0522		0.0017	0.0505 *		0.0753	0.1242 ***	
2002	-0.0358	0.0000	0.0358	-0.0164	-0.0144	0.0214	-0.0291	0.0646	0.1004 ***	-0.0237 **
n	4065	67			307			2638		
<b>Mediterranean</b>										
1997	-0.0482	0.0055	0.0538		-0.0532	-0.0049		0.0764	0.1247 ***	
2002	-0.0347	0.0014	0.0361	-0.0177	-0.0339	0.0008	0.0058	0.0663	0.1010 ***	-0.0237 **
n	4065	20			242			2638		
<b>Post-socialist</b>										
1997	-0.0487	0.0031	0.0519 **		-0.0134	0.0353 *		0.0752	0.1239 ***	
2002	-0.0353	0.0258	0.0612 **	0.0093	-0.0312	0.0042	-0.0311	0.0644	0.0997 ***	-0.0242 **
n	4065	295			271			2638		

Notes: \* p<.05, \*\* p<.01, \*\*\* p<.001 (one-sided tests). Margins predicted with all covariates at their mean.

Source: Estimates predicted from regression models in Table OA11.

**Table OA15: Predicted margins and DID estimator from regression models of the family and children factor**

	Natives West		Migrants (<10years)			Migrants (>10 years)			Natives East		
	Predictive Margins	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID	Predictive Margins	Difference Native West	DID	
<b>All Migrants</b>											
1997	-0.0357	0.0123	0.0481 **		0.0078	0.0435 **		0.0682	0.1039 ***		
2002	-0.0410	-0.0002	0.0409 *	-0.0072	-0.0398	0.0013	-0.0422 **	0.0734	0.1144 ***	0.0105	
n	4065	382			820			2638			
<b>Turks</b>											
1997	-0.0374	-0.0036	0.0338		0.0159	0.0534 *		0.0675	0.1049 ***		
2002	-0.0428	-0.0040	0.0389	0.0050	-0.0375	0.0054	-0.0480 *	0.0721	0.1150 ***	0.0100	
n	4065	67			307			2638			
<b>Mediterranean</b>											
1997	-0.0380	0.1198	0.1579 *		-0.0102	0.0278		0.0672	0.1052 ***		
2002	-0.0432	-0.0806	-0.0374	-0.1953 *	-0.0639	-0.0207	-0.0486 *	0.0725	0.1157 ***	0.0105	
n	4065	20			242			2638			
<b>Post-socialist</b>											
1997	-0.0385	0.0115	0.0500 *		-0.0046	0.0339		0.0654	0.1039 ***		
2002	-0.0437	0.0093	0.0530 **	0.0030	-0.0370	0.0067	-0.0272	0.0703	0.1140 ***	0.0101	
n	4065	295			271			2638			

Notes: \* p<.05, \*\* p<.01, \*\*\* p<.001 (one-sided tests). Margins predicted with all covariates at their mean.

Source: Estimates predicted from regression models in Table OA12.

**Table OA16: Regression on general welfare factor with complete sample and controlling for contact with Germans**

	M1	M2
Year=2002 (Ref.=1997)	0.0152 ***	0.0153 ***
<i>Group (Ref.=Natives West)</i>		
Recent Migrants (≤10 years)	0.0461 **	0.0462 **
Non-recent Migrants (>10 years)	0.0365 ***	0.0363 ***
Natives East	0.0865 ***	0.0864 ***
<i>Year X Group</i>		
2002 X Recent Migrants	-0.0092	-0.0117
2002 X Non-recent Migrants	-0.0266 **	-0.0265 **
2002 X Natives East	-0.0247 ***	-0.0247 ***
Female (Ref.=Male)	-0.0035	-0.0035
<i>Age (Ref.≤25)</i>		
26-35	0.0106	0.0104
36-45	0.0167 *	0.0164 *
46-55	0.0130	0.0127
56-65	0.0237 **	0.0234 **
66-75	-0.0041	-0.0049
76-max	-0.0111	-0.0118
<i>Empl. Status (Ref.=Non-working)</i>		
Unemployed	0.0055	0.0056
Working	-0.0072	-0.0074
Retired	0.0226	0.0229
<i>Education (Ref.=Still in School)</i>		
Inadequately	0.0230	0.0241
General Elementary	0.0191	0.0194
Middle Vocational	0.0018	0.0022
Vocational plus Abitur	-0.0387 *	-0.0384 *
Higher Vocational	-0.0229	-0.0225
Higher Education	-0.0370 *	-0.0365 *
Equiv. HH-income (in 1,000€)	-0.0186 ***	-0.0187 ***
<i>HH-type (Ref.=1-Person HH)</i>		
Couple without Children	-0.0030	-0.0030
Single Parent	0.0012	0.0012
Couple with Children ≤ 16	0.0095	0.0096
Couple with Children > 16	-0.0035	-0.0036
Couple with Children ≤ 16 and > 16	0.0005	0.0006
Multiple Generation HH	-0.0069	-0.0060
Other Combination	-0.0029	-0.0029
Satisfaction with Health	-0.0052 ***	-0.0052 ***
Cumulated Unempl. Experience	0.0037 **	0.0037 **
Language Proficiency	0.0022	0.0045
Contact with Germans		0.0271
Constant	0.0144	-0.0152
<i>Statistics</i>		
N	15742	15742
R2	0.047	0.047

Notes: \* p<.05, \*\* p<.01, \*\*\* p<.001 (one-sided tests).

Source: GSOEP.