Replication Code for:
A Little Lift in the Iron Curtain: Emigration Restrictions and Criminal Activity in Socialist East Germany

Hans Lueders

June 5, 2025

Load and prepare data

Notes: The replication files contain three datasets:

1. "county-level data" is a panel data set with all relevant variables used in analyses at the county-year-level. See below for details.

2. "crime-level data" contains detailed information about individual crimes committed in the former GDR. This data was compiled from original files obtained from the German Federal Archives. It is used to create descriptive statistics and in the analysis of crime damage.

3. "additional data" contains annual information on the volume of exit visa applications, international migration to and from the former GDR, and government expenditures. This data is used to create several descriptive statistics in the main text and the appendix.

Main text

Figure 1: Consequences of the 1983 emigration reform

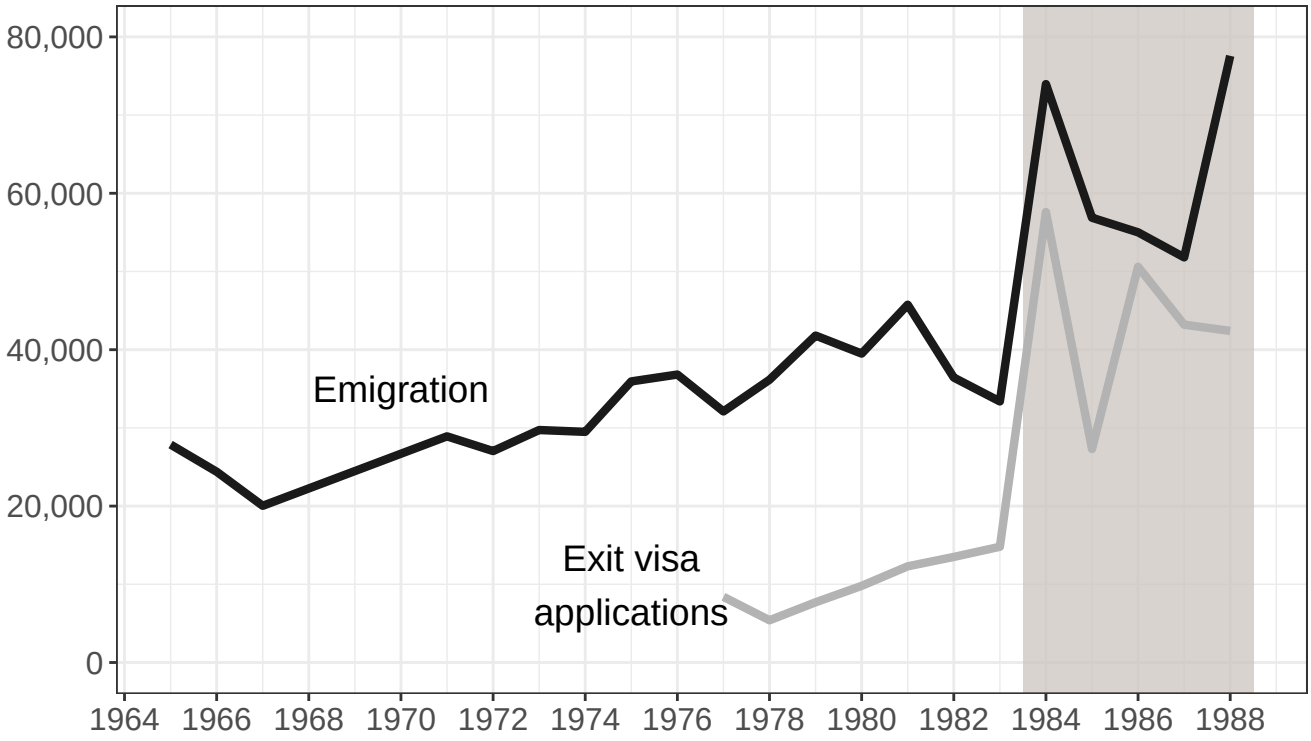


Figure 2: Crimes by category

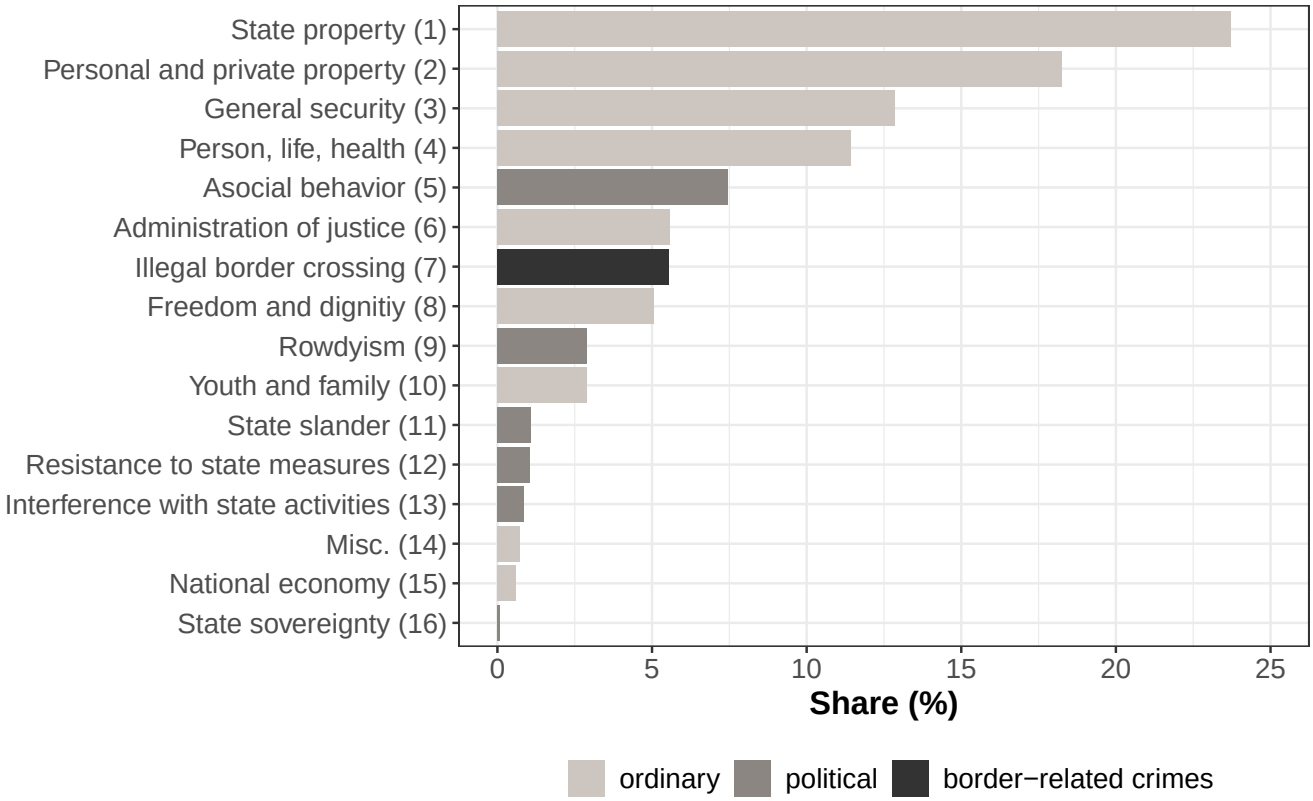


Figure 3: Crimes by year

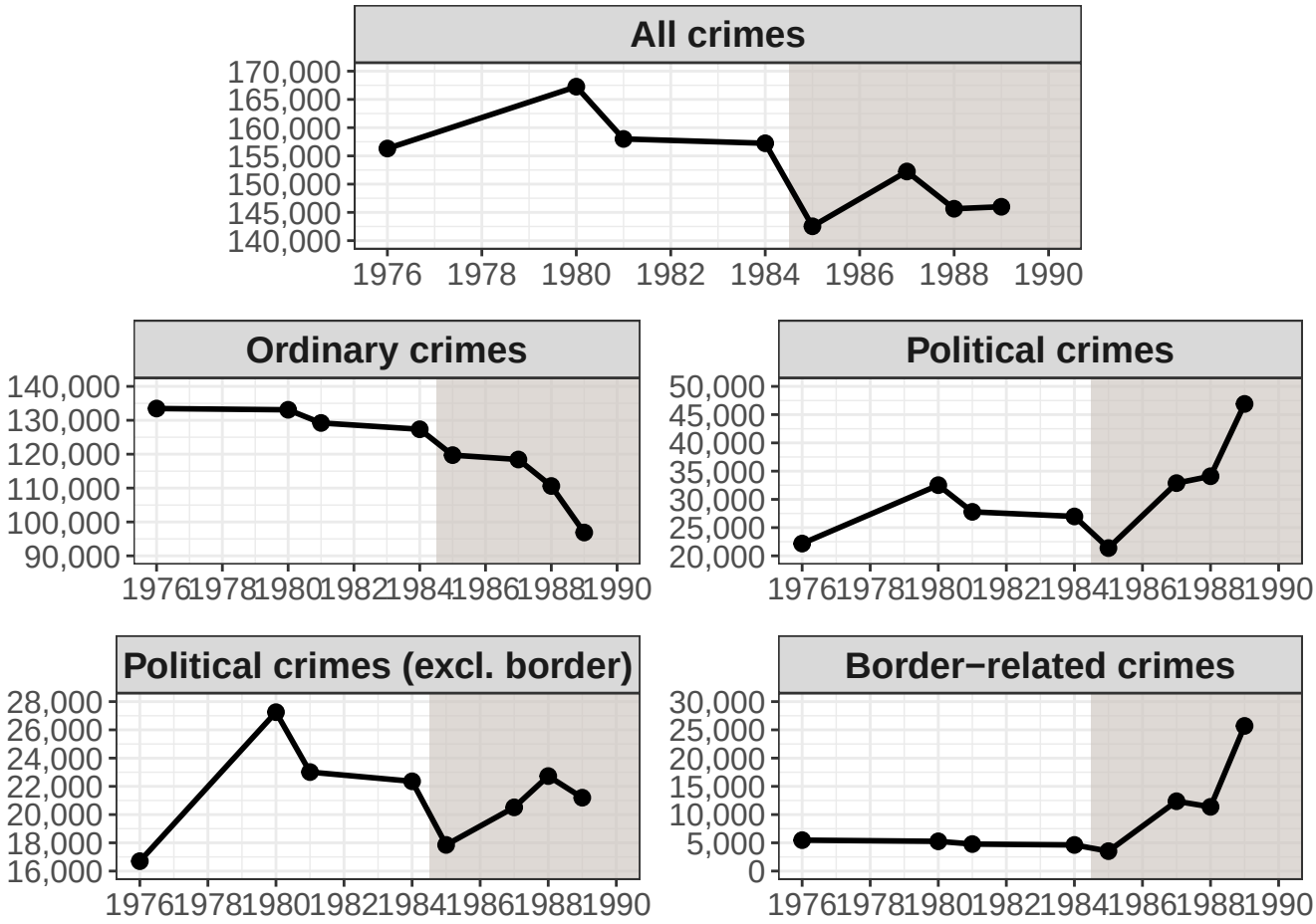


Table 2: Change in crime incidence after the emigration wave

Table 1

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	−0.464	−54.923***	53.594***	5.301	48.293***
	(12.526)	(18.939)	(18.672)	(6.108)	(14.021)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,736	1,736	1,736	1,736	1,736
Adjusted R^2	0.987	0.978	0.876	0.942	0.626
Note:			*p<0.1; **p<0.05; ***p<0.01		

Figure 4: Event study plot

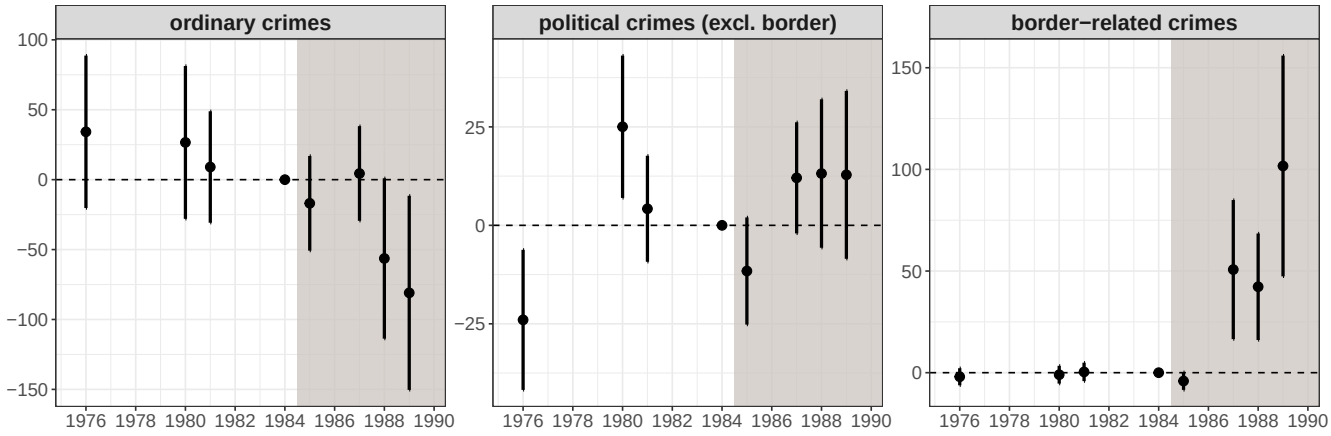


Table 3: Short- vs. long-term consequences

Table 2

	Dependent variable:		
	ordinary	political excl. border	border
	(1)	(2)	(3)
High emigration (1984)			
	(0.000)	(0.000)	(0.000)
t+1 (1985)			
	(0.000)	(0.000)	(0.000)
t+3 (1987)			
	(0.000)	(0.000)	(0.000)
t+4 (1988)			
	(0.000)	(0.000)	(0.000)
t+5 (1989)			
	(0.000)	(0.000)	(0.000)
High emigration (1984) X t+1 (1985)	-34.386^{**}	-12.906^{**}	-3.457^{**}
	(15.712)	(6.012)	(1.726)
High emigration (1984) X t+3 (1987)	-13.059	10.751	51.376^{***}
	(15.715)	(7.125)	(17.276)
High emigration (1984) X t+4 (1988)	-73.825^{***}	11.846	42.921^{***}
	(27.442)	(9.606)	(13.210)
High emigration (1984) X t+5 (1989)	-98.422^{***}	11.515	102.332^{***}
	(33.584)	(10.394)	(27.665)
County-FE?	YES	YES	YES
Year-FE?	YES	YES	YES
Observations	1,736	1,736	1,736
Adjusted R^2	0.978	0.942	0.636
Note:		*p<0.1; **p<0.05; ***p<0.01	

Table 4: Change in average damage caused after the emigration wave

Table 3

	Dependent variable:			
	Damage (log GDR Mark)		I(Any damage)	
	(1)	(2)	(3)	(4)
High emigration (1984)				
	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984				
	(0.000)	(0.000)	(0.000)	(0.000)
Female	-0.049^{***}	-0.029^{**}	0.008^{***}	0.010^{***}
	(0.014)	(0.013)	(0.002)	(0.002)
SED Party member	0.028^{*}	0.004	-0.003^{**}	-0.004^{**}
	(0.014)	(0.012)	(0.002)	(0.002)
Age group: 16-18	0.083^{***}	0.066^{***}	0.007^{***}	0.007^{***}
	(0.016)	(0.017)	(0.002)	(0.003)
Age group: 19-24	0.197^{***}	0.160^{***}	0.016^{***}	0.014^{***}
	(0.023)	(0.024)	(0.003)	(0.003)
Age group: 25-29	0.221^{***}	0.148^{***}	0.011^{***}	0.009^{**}
	(0.030)	(0.028)	(0.004)	(0.004)
Age group: 30-39	0.364^{***}	0.222^{***}	0.015^{***}	0.010^{**}
	(0.034)	(0.030)	(0.004)	(0.004)
Age group: 40-49	0.369^{***}	0.150^{***}	0.009^{**}	0.001
	(0.040)	(0.033)	(0.004)	(0.004)
Age group: 50-64	0.311^{***}	0.094^{**}	0.004	-0.003
	(0.051)	(0.037)	(0.005)	(0.005)
Age group: 65+	0.219^{***}	0.101	-0.004	-0.006
	(0.078)	(0.062)	(0.009)	(0.009)
Number of persons involved	0.165^{***}	0.127^{***}	0.012^{***}	0.011^{***}
	(0.016)	(0.015)	(0.001)	(0.002)
High emigration (1984) X Post-1984	-0.091^{***}	-0.083^{***}	-0.016^{***}	-0.016^{***}
	(0.030)	(0.029)	(0.004)	(0.004)
Sample	full	95 percent	full	95 percent
Crime-FE?	YES	YES	YES	YES
County-FE?	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES
Observations	186,534	177,747	186,534	177,747
Adjusted R^2	0.734	0.736	0.782	0.780
Note:		*p<0.1; **p<0.05; ***p<0.01		

Table 5: Increase in demand for future emigration following the emigration wave

Table 4

	Dependent variable:	
	Exit visas	Domestic affairs (incl. travel)
	(1)	(2)
High emigration (1984)		
	(0.000)	(0.000)
Post-1984		
	(0.000)	(0.000)
High emigration (1984) x Post-1984	0.142^{***}	0.201^{***}
	(0.042)	(0.038)
County-FE?	YES	YES
Year-FE?	YES	YES
Observations	2,139	2,573
Adjusted R^2	0.165	0.792
Note:	*p<0.1; **p<0.05; ***p<0.01	

Appendix

Table A4: Summary statistics for the analysis of crime data

Table 5: Summary statistics

	Mean	SD	Min	Median	Max
Emigration rate (1984)	0.003	0.005	0.000	0.002	0.066
all crimes	551.894	975.077	34.000	345.500	14189.000
ordinary crimes	443.321	740.181	30.000	290.000	9928.000
political crimes	104.607	237.713	2.000	57.000	4176.000
political crimes (excl. border)	73.965	155.024	1.000	41.000	2217.000
border-related crimes	30.642	99.972	0.000	11.000	2222.000
all crimes (persons)	703.332	1293.670	34.000	435.000	18488.000
ordinary crimes (persons)	556.125	968.576	29.000	351.500	13310.000
political crimes (persons)	140.465	331.785	2.000	78.000	6599.000
political crimes (excl. border) (persons)	98.510	212.459	1.000	56.000	3409.000
border-related crimes (persons)	41.955	135.383	0.000	16.000	3190.000
Urban county	0.100	0.300	0.000	0.000	1.000
College or university	0.104	0.306	0.000	0.000	1.000
WGTV access	0.807	0.394	0.000	1.000	1.000
Border county	0.119	0.324	0.000	0.000	1.000
SED share (1946)	0.474	0.068	0.266	0.478	0.707
Share young population (1984)	11.907	0.989	9.083	11.876	14.216
Infant mortality rate	14.010	5.108	1.533	13.300	37.933

Table A5: Demographics by crime type

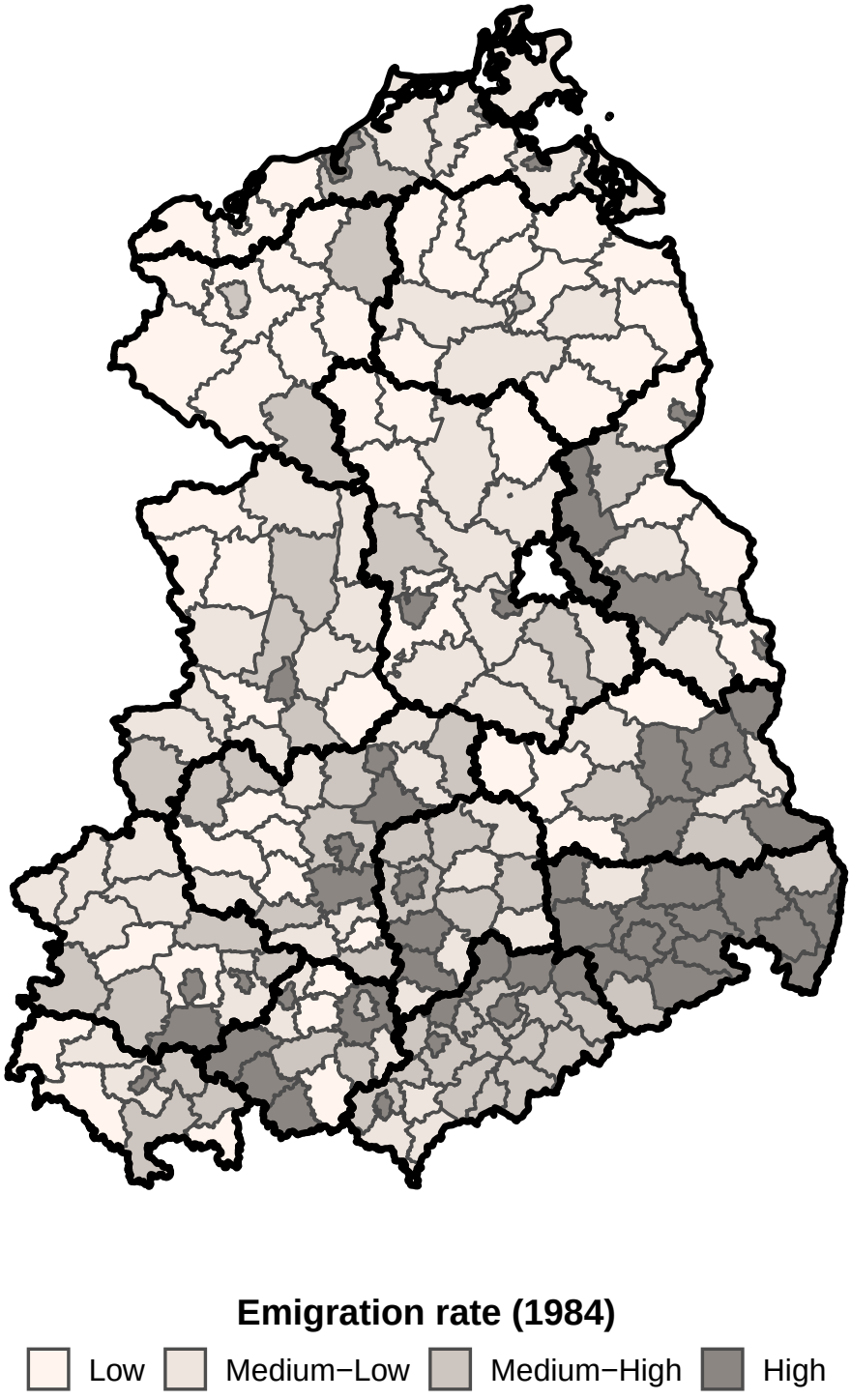
Table 6: Demographics by crime type

normDE	freq	share	female	age	SED	worker	employee	unemplo
Sozialistisches Eigentum	228255	23.72	0.22	28.90	0.23	0.07	0.02	0.01
Persoenliches und privates Eigentum	175515	18.24	0.18	24.39	0.06	0.05	0.00	0.02
allgemeine Sicherheit	123564	12.84	0.06	27.46	0.25	0.09	0.01	0.01
Persoenlichkeit, Leben, Gesundheit	109997	11.43	0.05	28.05	0.16	0.08	0.01	0.01
asoziales Verhalten	71766	7.46	0.24	30.20	0.04	0.05	0.00	0.03
Rechtspflege	53656	5.58	0.23	29.00	0.17	0.07	0.01	0.01
Ungesetzlicher Grenzuebertritt	53397	5.55	0.29	30.62	0.18	0.04	0.01	0.01
Freiheit und Wuerde	48689	5.06	0.06	28.28	0.16	0.05	0.00	0.01
Rowdytum	27860	2.90	0.02	19.79	0.02	0.07	0.00	0.01
Jugend und Familie	27763	2.89	0.23	33.14	0.31	0.07	0.01	0.01
Staatsverleumdung	10361	1.08	0.07	26.74	0.07	0.12	0.01	0.01
Staatliche Massnahmen	10024	1.04	0.03	25.60	0.13	0.08	0.00	0.00
Beeintraechtigung staatl. Taetigkeit	8173	0.85	0.08	26.90	0.07	0.01	0.00	0.00
Misc.	6906	0.72	0.18	26.61	0.08	0.03	0.00	0.00
Volkswirtschaft	5647	0.59	0.18	39.77	0.63	0.03	0.02	0.01
Souveraenitaet und Staat	723	0.08	0.37	29.76	0.38	0.19	0.17	0.07

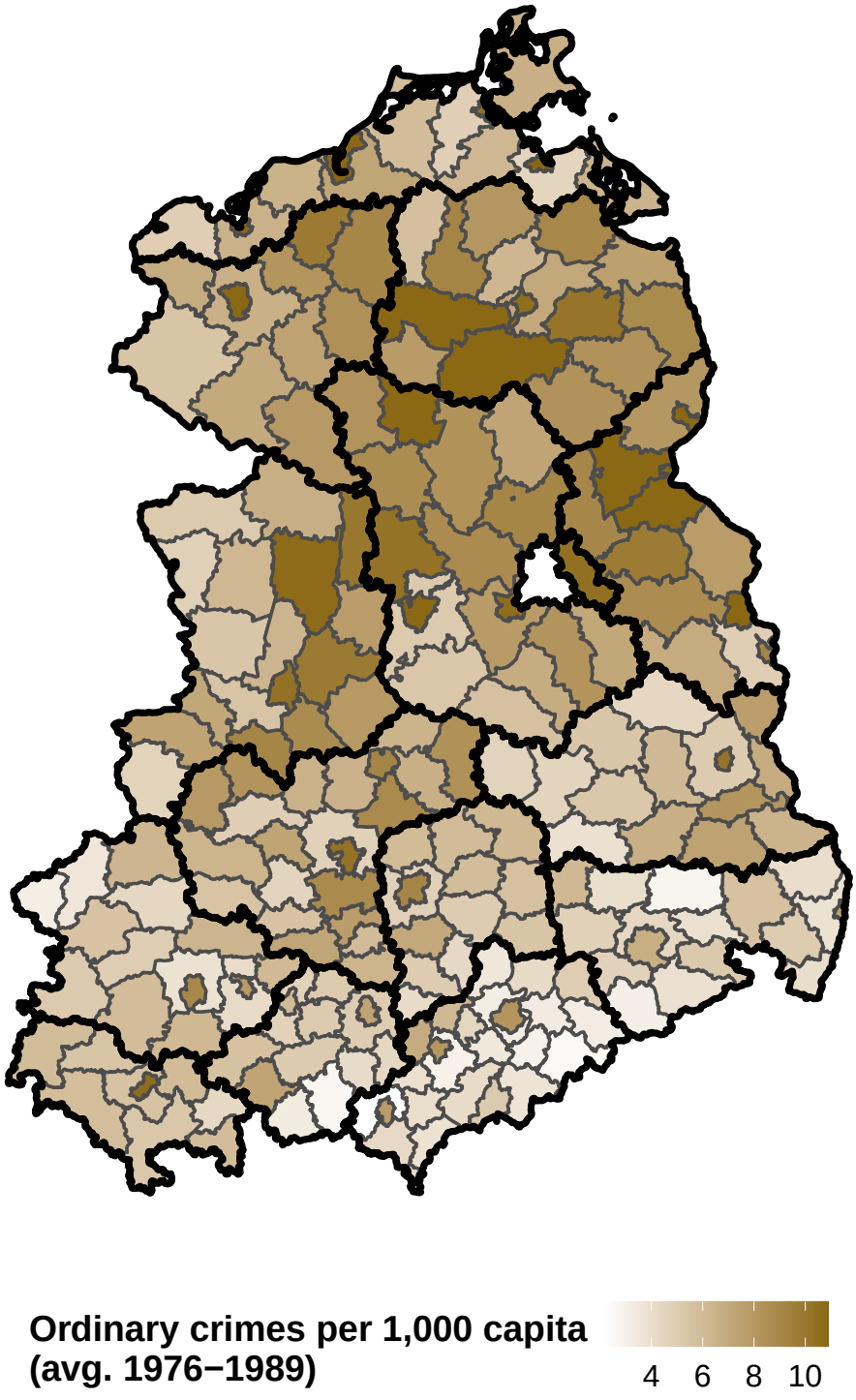
Figure A1: County-level distribution of key variables

Reading layer 'VG-Hist$_1$989−12−31$_S$TA' from datasource '/Users/hanslueders/IPLDropbox/HansLueders/
Hist$_1$989−12−31$_S$TA.shp' using driver 'ESRI Shapefile' Simple feature collection with 3 features and 19 fields
MULTIPOLYGON Dimension : XY Boundingbox : xmin : 280400.1 ymin : 5235856 xmax :
921287 ymax : 6101327 Projected CRS : ETRS89/UTM zone 32N Reading layer 'VG − Hist$_1$989 −
12−31$_L$AN' from datasource '/Users/hanslueders/IPLDropbox/HansLueders/Publications/11POP$_A$Little
Hist$_1$989−12−31$_L$AN.shp' using driver 'ESRI Shapefile' Simple feature collection with 26 features and 19 field
MULTIPOLYGON Dimension : XY Boundingbox : xmin : 280400.1 ymin : 5235856 xmax :
921287 ymax : 6101327 Projected CRS : ETRS89/UTM zone 32N Reading layer 'VG − Hist$_1$989 −
12−31$_K$RS' from datasource '/Users/hanslueders/IPLDropbox/HansLueders/Publications/11POP$_A$Little
Hist$_1$989−12−31$_K$RS.shp' using driver 'ESRI Shapefile' Simple feature collection with 545 features and 19 fiel
MULTIPOLYGON Dimension : XY Boundingbox : xmin : 280400.1 ymin : 5235856 xmax :
921287 ymax : 6101327 Projected CRS : ETRS89/UTM zone 32N

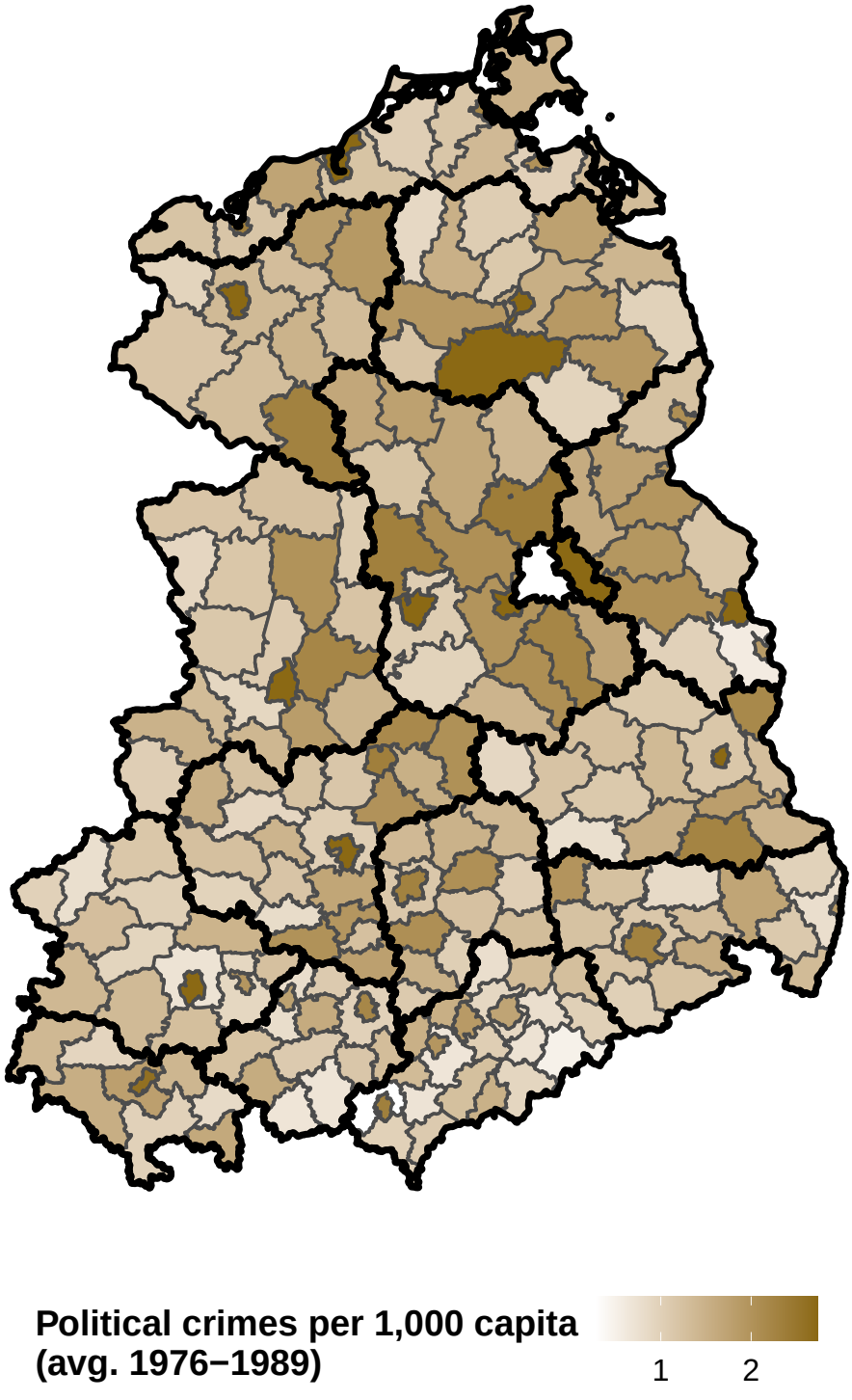
Emigration rate (1984)



Ordinary crimes



Anti-regime crimes



Border-related crimes

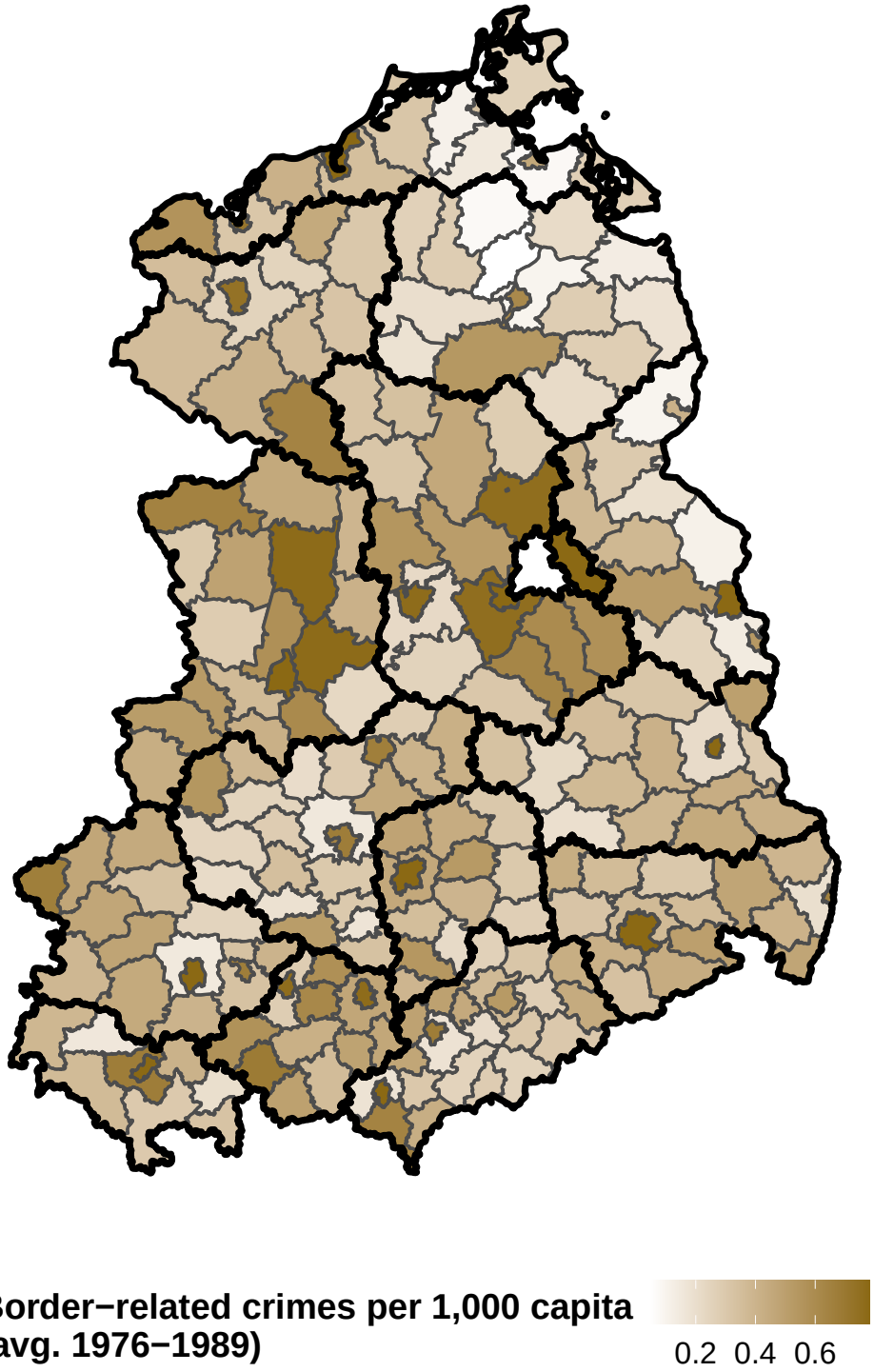


Figure A2: International migration flows to and from the former GDR

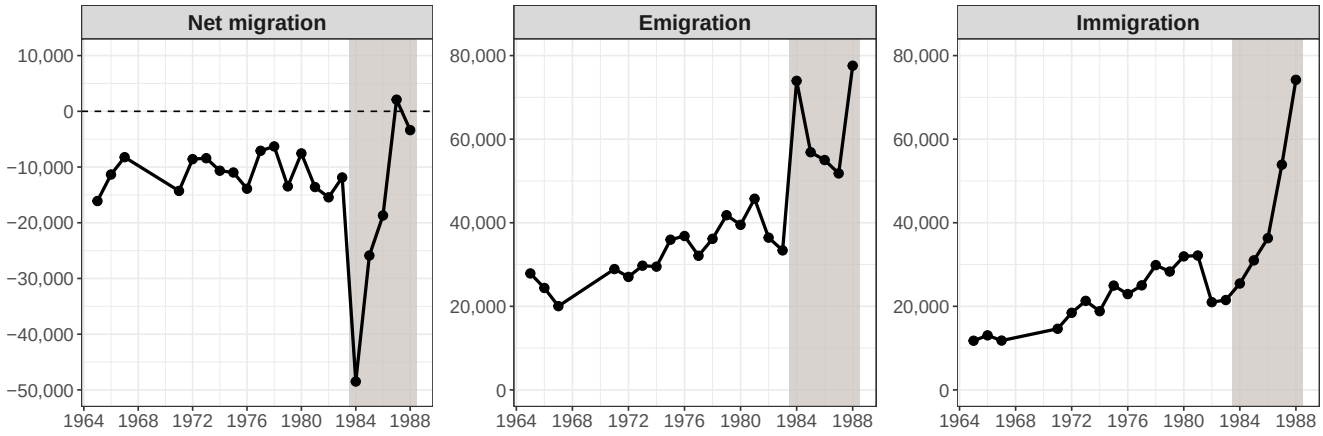
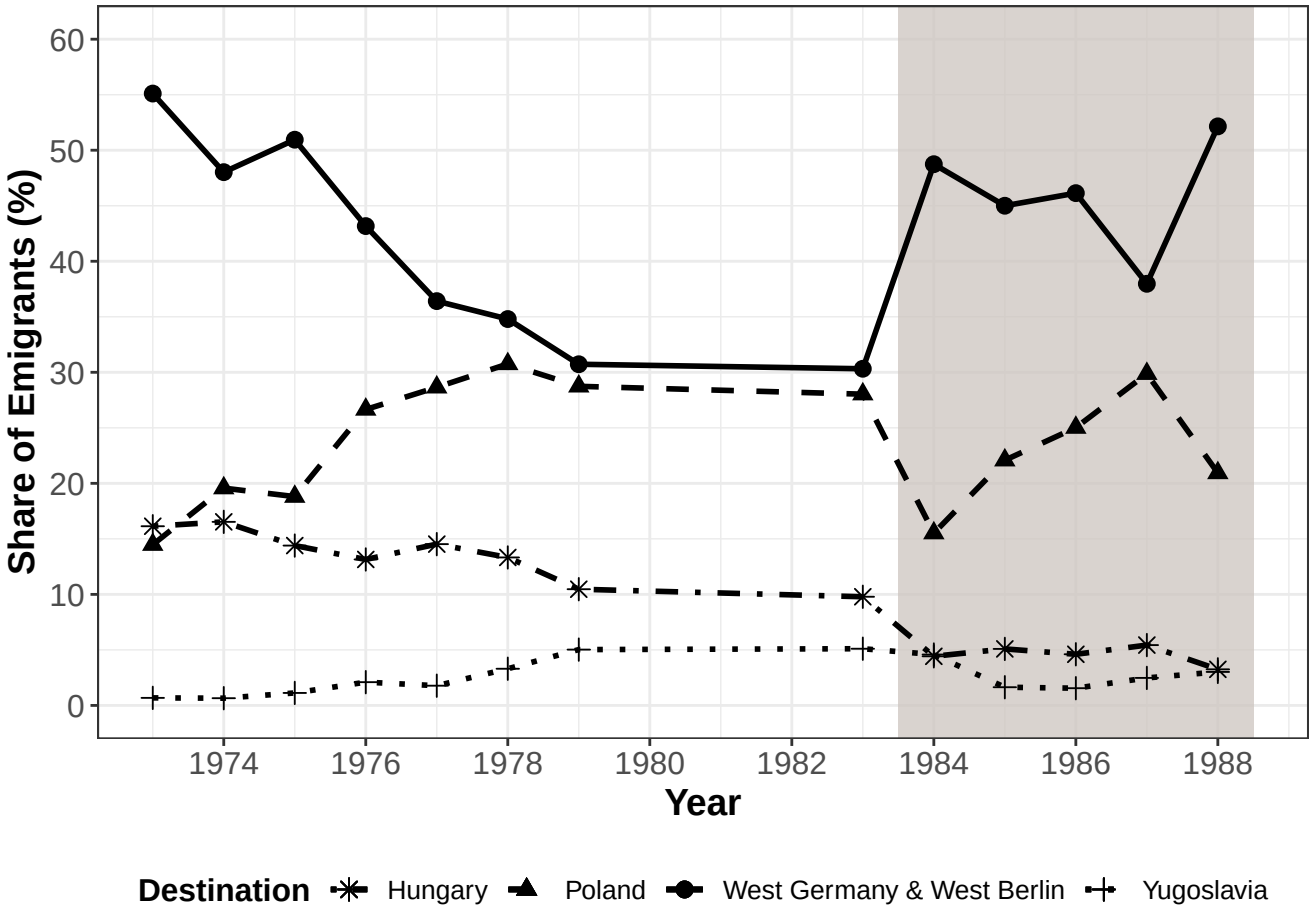


Figure A3: Emigration from the former GDR

Destination countries



Select demographic characteristics

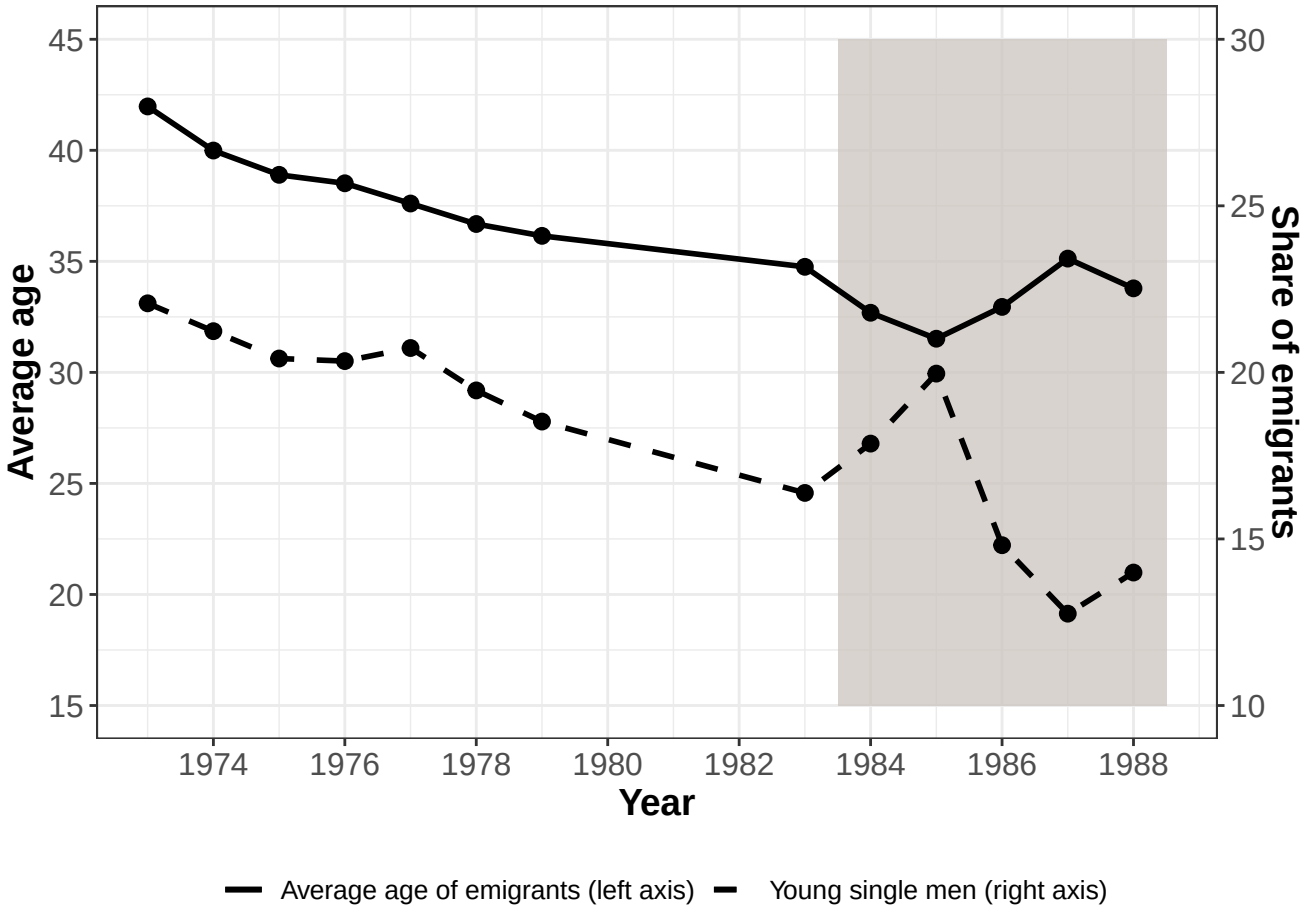


Table A6: Change in crime incidence after the emigration wave — adding control variables

Table 7

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
SED share (1946)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
University					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Urban county					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
WGTV access					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Border county					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Infant mortality	0.118	0.025	0.002	−0.028	0.030
	(0.920)	(0.901)	(0.415)	(0.312)	(0.270)
Share young population (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	−10.239	−24.561*	13.949**	−3.581	17.530***
	(13.752)	(13.301)	(6.322)	(3.932)	(4.594)
SED share (1946) X Post-1984	−103.138	−56.363	−45.826	−54.196**	8.370
	(66.097)	(72.119)	(42.703)	(25.524)	(33.812)
University X Post-1984	−23.356	−122.907**	92.652**	3.559	89.093***
	(40.724)	(62.016)	(36.919)	(15.038)	(31.550)
Urban county X Post-1984	58.615**	58.596	1.548	4.567	−3.019
	(28.998)	(36.906)	(20.183)	(10.686)	(16.767)
WGTV access X Post-1984	0.076	10.915	−10.444	−15.900**	5.456
	(15.061)	(21.536)	(14.267)	(6.145)	(10.096)
Border county X Post-1984	11.738	10.226	2.472	6.484*	−4.012
	(12.328)	(11.593)	(5.935)	(3.871)	(4.381)
Share young population (1984) X Post-1984	−4.444	3.199	−7.017**	−3.765**	−3.252
	(5.732)	(6.297)	(3.522)	(1.882)	(2.386)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,728	1,728	1,728	1,728	1,728
Adjusted R^2	0.970	0.957	0.861	0.884	0.616

Note: *p<0.1; **p<0.05; ***p<0.01

Table A7: Change in crime incidence after the emigration wave — log 1984 emigration as treatment

Table 8

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
Emigration rate (log, 1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Emigration rate (log, 1984) X Post-1984	−6.082	−42.108***	35.264***	3.993	31.271***
	(7.287)	(13.372)	(12.953)	(4.027)	(9.794)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,736	1,736	1,736	1,736	1,736
Adjusted R^2	0.987	0.978	0.877	0.942	0.630
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A8: Short- vs. long-term consequences — log 1984 emigration as treatment

Table 9

	Dependent variable:		
	ordinary	political excl. border	border
	(1)	(2)	(3)
Log emigration (1984)			
	(0.000)	(0.000)	(0.000)
t+1 (1985)			
	(0.000)	(0.000)	(0.000)
t+3 (1987)			
	(0.000)	(0.000)	(0.000)
t+4 (1988)			
	(0.000)	(0.000)	(0.000)
t+5 (1989)			
	(0.000)	(0.000)	(0.000)
Log emigration (1984) X t+1 (1985)	-29.393^{***}	-8.763^{**}	-2.638^{**}
	(10.621)	(4.071)	(1.098)
Log emigration (1984) X t+3 (1987)	-6.725	5.998	35.544^{***}
	(9.714)	(4.478)	(12.529)
Log emigration (1984) X t+4 (1988)	-54.696^{***}	10.210	27.588^{***}
	(18.993)	(6.469)	(9.320)
Log emigration (1984) X t+5 (1989)	-77.619^{***}	8.528	64.588^{***}
	(23.921)	(7.027)	(18.369)
County-FE?	YES	YES	YES
Year-FE?	YES	YES	YES
Observations	1,736	1,736	1,736
Adjusted R^2	0.979	0.942	0.644
Note:		*p<0.1; **p<0.05; ***p<0.01	

Table A9: Change in crime incidence after the emigration wave — increase in emigration as treatment

Table 10

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
Above-median increase in emigration (1984 vs. 1979)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Above-median increase in emigration (1984 vs. 1979) X Post-1984	−2.393	−58.794***	55.224***	11.897*	43.327***
	(12.579)	(19.030)	(18.817)	(6.112)	(14.222)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,736	1,736	1,736	1,736	1,736
Adjusted R^2	0.987	0.978	0.876	0.942	0.624
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A10: Change in crime incidence after the emigration wave — Count of unique crimes as dependent variable

Table 11

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	16.481	-18.755^{**}	35.596^{***}	-5.141^{*}	40.737^{***}
	(10.828)	(8.196)	(10.719)	(2.921)	(11.264)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,736	1,736	1,736	1,736	1,736
Adjusted R^2	0.992	0.991	0.911	0.967	0.595
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A11: Change in crime incidence after the emigration wave — Dependent variable scaled by population

Table 12

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	0.360**	0.073	0.272***	0.080	0.192***
	(0.163)	(0.142)	(0.062)	(0.049)	(0.032)
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,736	1,736	1,736	1,736	1,736
Adjusted R^2	0.776	0.757	0.593	0.514	0.653
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A12: Robustness to changes in the sample composition 1: drop outliers on DV

Table 13

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	−1.620	−20.861**	18.669***	−1.157	19.826***
	(10.282)	(9.459)	(3.933)	(3.191)	(2.631)
Sample?	95 percent	95 percent	95 percent	95 percent	95 percent
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,648	1,648	1,648	1,648	1,648
Adjusted R^2	0.916	0.897	0.776	0.723	0.643
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A13: Robustness to changes in the sample composition 2: non-urban counties

Note: Dropping all counties that have comprise exactly one municipality.

Table 14

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	−12.173	−47.812***	33.528***	0.571	32.957***
	(13.053)	(17.395)	(9.915)	(4.354)	(8.536)
Sample?	Non-urban	Non-urban	Non-urban	Non-urban	Non-urban
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,560	1,560	1,560	1,560	1,560
Adjusted R^2	0.971	0.956	0.852	0.889	0.569
Note:			*p<0.1; **p<0.05; ***p<0.01		

Table A14: Robustness to changes in the sample composition 3: drop counties with universities

Table 15

	Dependent variable:				
	all	ordinary	political	political excl. border	border
	(1)	(2)	(3)	(4)	(5)
High emigration (1984)					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984					
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
High emigration (1984) X Post-1984	−4.414	−22.178**	17.013***	−1.187	18.200***
	(10.725)	(9.879)	(4.190)	(3.376)	(2.786)
Sample?	No college	No college	No college	No college	No college
County-FE?	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES
Observations	1,552	1,552	1,552	1,552	1,552
Adjusted R^2	0.921	0.904	0.780	0.730	0.629
Note:			*p<0.1; **p<0.05; ***p<0.01		

Figure A4: Robustness to omitting one district at a time

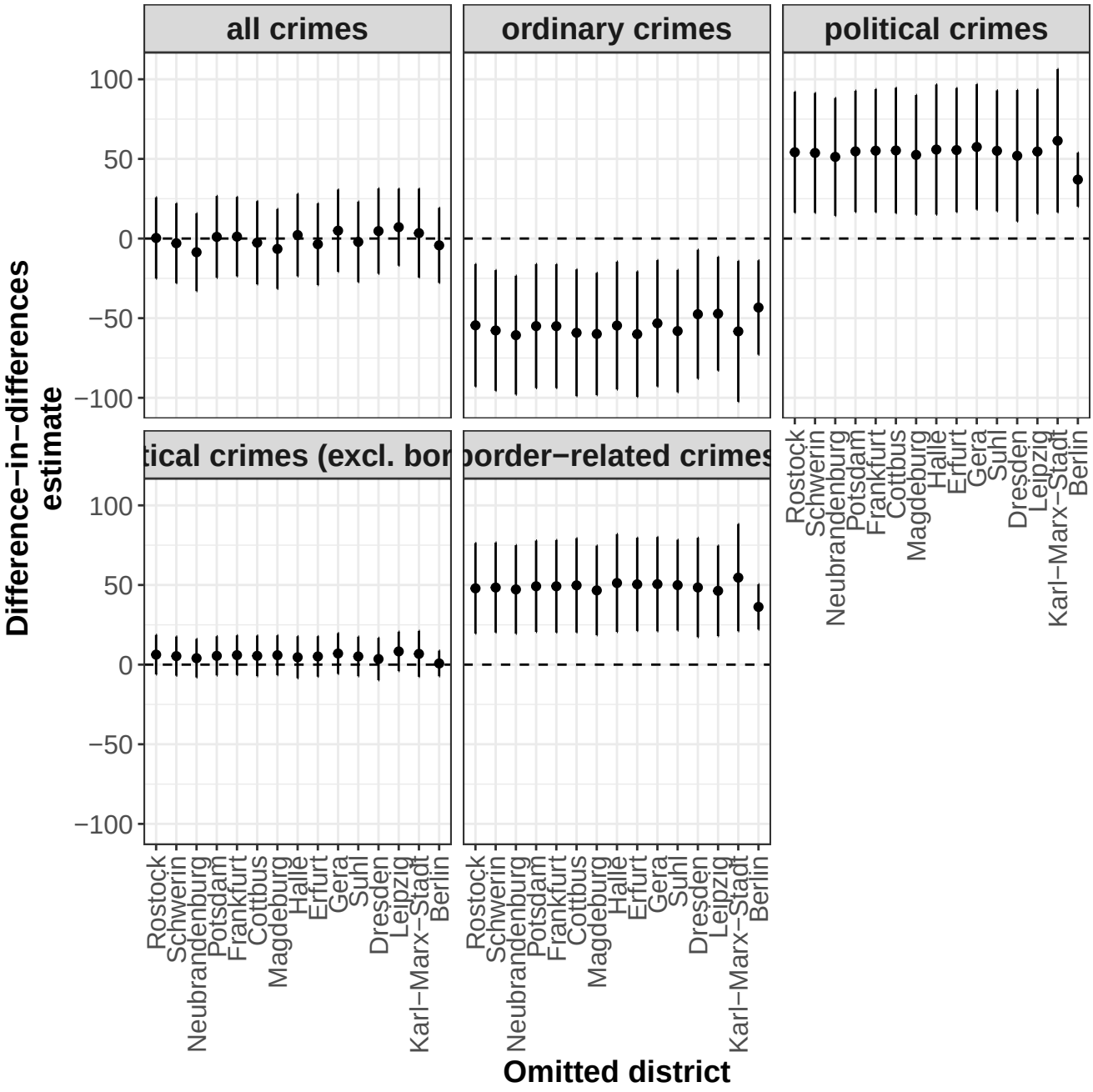


Figure A5: Emigration increases subsequent demand for emigration: event study plot

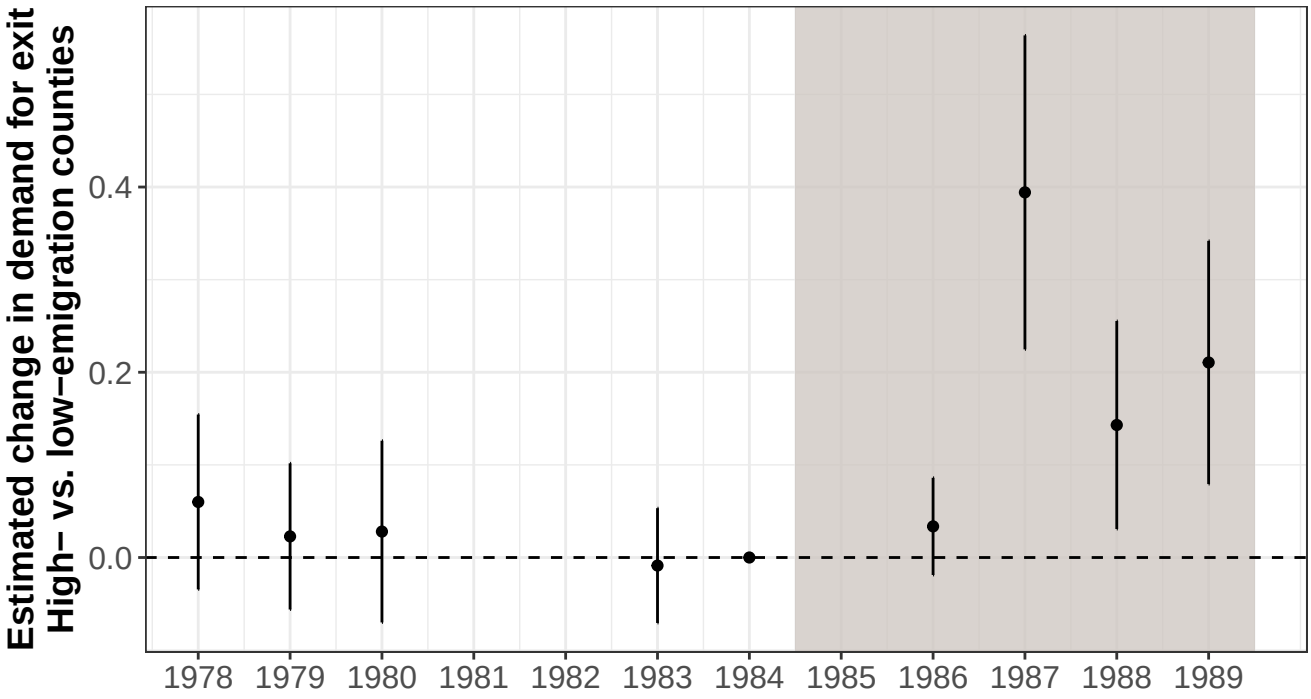


Table A15: Increase in demand for future emigration following the emigration wave

Table 16

	Dependent variable:					
	Exit visas			Domestic affairs (incl. travel)		
	(1)	(2)	(3)	(4)	(5)	(6)
High emigration (1984)						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Share SED (1946)						
		(0.000)	(0.000)		(0.000)	(0.000)
University						
		(0.000)	(0.000)		(0.000)	(0.000)
Urban county						
		(0.000)	(0.000)		(0.000)	(0.000)
WGTV access						
		(0.000)	(0.000)		(0.000)	(0.000)
Border county						
		(0.000)	(0.000)		(0.000)	(0.000)
Share young population (1984)						
		(0.000)	(0.000)		(0.000)	(0.000)
Infant mortality rate		−0.007	−0.007		0.0001	0.0001
		(0.008)	(0.008)		(0.003)	(0.003)
Share unskilled workers (1989)						
			(0.000)			(0.000)
Unemployment rate (1991)						
			(0.000)			(0.000)
High emigration (1984) x Post-1984	0.142***	0.078**	0.074**	0.201***	0.125***	0.113**
	(0.042)	(0.033)	(0.035)	(0.038)	(0.042)	(0.045)
Share SED (1946) x Post-1984		−0.258	−0.263		−0.297	−0.381
		(0.206)	(0.213)		(0.286)	(0.284)
University x Post-1984		0.259**	0.259**		0.123*	0.124*
		(0.128)	(0.126)		(0.074)	(0.074)
Urban county x Post-1984		−0.042	−0.043		0.095	0.094
		(0.184)	(0.187)		(0.061)	(0.061)
WGTV access x Post-1984		−0.039	−0.037		−0.052	−0.039
		(0.099)	(0.096)		(0.052)	(0.051)
Border county x Post-1984		0.031	0.042		0.100*	0.113**
		(0.042)	(0.043)		(0.055)	(0.055)
Share young population x Post-1984		−0.039**	−0.038**		−0.048***	−0.044**
		(0.018)	(0.017)		(0.018)	(0.018)
Share unskilled workers (1989) x Post-1984			0.492			1.916*
			(1.204)			(1.033)
Unemployment rate (1991) x Post-1984			−0.003			−0.006
			(0.007)			(0.008)
County-FE?	YES	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES	YES
Observations	2,139	2,130	2,110	2,573	2,562	2,538
Adjusted R^2	0.165	0.163	0.162	0.792	0.794	0.795
Note:			*p<0.1; **p<0.05; ***p<0.01			

Table A16: Increase in demand for emigration following the emigration wave: log emigration

Table 17

	Dependent variable:					
	Exit visas			Domestic affairs (incl. travel)		
	(1)	(2)	(3)	(4)	(5)	(6)
Emigration rate (log, 1984)						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Share SED (1946)						
		(0.000)	(0.000)		(0.000)	(0.000)
University						
		(0.000)	(0.000)		(0.000)	(0.000)
Urban county						
		(0.000)	(0.000)		(0.000)	(0.000)
WGTV access						
		(0.000)	(0.000)		(0.000)	(0.000)
Border county						
		(0.000)	(0.000)		(0.000)	(0.000)
Share young population (1984)						
		(0.000)	(0.000)		(0.000)	(0.000)
Infant mortality rate		−0.007	−0.007		0.0001	0.0001
		(0.008)	(0.008)		(0.003)	(0.003)
Share unskilled workers (1989)						
			(0.000)			(0.000)
Unemployment rate (1991)						
			(0.000)			(0.000)
Emigration rate (log, 1984) x Post-1984	0.092**	0.062***	0.062***	0.129***	0.098***	0.089***
	(0.036)	(0.023)	(0.021)	(0.024)	(0.027)	(0.031)
Share SED (1946) x Post-1984		−0.241	−0.228		−0.269	−0.328
		(0.201)	(0.209)		(0.282)	(0.278)
University x Post-1984		0.240*	0.242*		0.094	0.101
		(0.127)	(0.124)		(0.071)	(0.071)
Urban county x Post-1984		−0.070	−0.068		0.053	0.062
		(0.177)	(0.183)		(0.064)	(0.064)
WGTV access x Post-1984		−0.027	−0.027		−0.034	−0.026
		(0.092)	(0.090)		(0.048)	(0.047)
Border county x Post-1984		0.039	0.047		0.111**	0.120**
		(0.043)	(0.044)		(0.055)	(0.055)
Share young population (1984) x Post-1984		−0.035**	−0.035**		−0.041**	−0.042**
		(0.015)	(0.016)		(0.017)	(0.018)
Share unskilled workers (1989) x Post-1984			0.156			1.467
			(1.145)			(1.104)
Unemployment rate (1991) x Post-1984			0.0005			−0.002
			(0.006)			(0.009)
County-FE?	YES	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES	YES
Observations	2,139	2,130	2,110	2,573	2,562	2,538
Adjusted R^2	0.166	0.164	0.162	0.795	0.796	0.796
Note:			*p<0.1; **p<0.05; ***p<0.01			

Table A17: Increase in demand for future emigration following the emigration wave: increase in emigration

Table 18

	Dependent variable:					
	Exit visas			Domestic affairs (incl. travel)		
	(1)	(2)	(3)	(4)	(5)	(6)
Above-median increase in emigration (1984 vs. 1979)						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Post-1984						
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Share SED (1946)						
		(0.000)	(0.000)		(0.000)	(0.000)
University						
		(0.000)	(0.000)		(0.000)	(0.000)
Urban county						
		(0.000)	(0.000)		(0.000)	(0.000)
WGTV access						
		(0.000)	(0.000)		(0.000)	(0.000)
Border county						
		(0.000)	(0.000)		(0.000)	(0.000)
Share young population (1984)						
		(0.000)	(0.000)		(0.000)	(0.000)
Infant mortality rate		−0.007	−0.007		0.0003	0.0003
		(0.008)	(0.008)		(0.003)	(0.003)
Share unskilled workers (1989)						
			(0.000)			(0.000)
Unemployment rate (1991)						
			(0.000)			(0.000)
Above-median increase in emigration (1984 vs. 1979) x Post-1984	0.123^{***}	0.055^{**}	0.054^{**}	0.200^{***}	0.126^{***}	0.113^{***}
	(0.042)	(0.027)	(0.027)	(0.038)	(0.039)	(0.041)
Share SED (1946) x Post-1984		−0.222	−0.233		−0.245	−0.332
		(0.207)	(0.217)		(0.291)	(0.290)
University x Post-1984		0.272^{**}	0.272^{**}		0.137^{*}	0.138^{*}
		(0.128)	(0.127)		(0.073)	(0.073)
Urban county x Post-1984		−0.023	−0.025		0.114^{*}	0.114^{*}
		(0.180)	(0.182)		(0.058)	(0.058)
WGTV access x Post-1984		−0.039	−0.035		−0.041	−0.028
		(0.098)	(0.095)		(0.051)	(0.051)
Border county x Post-1984		0.024	0.035		0.090	0.104^{*}
		(0.042)	(0.043)		(0.055)	(0.056)
Share young population (1984) x Post-1984		-0.043^{**}	-0.040^{**}		-0.045^{**}	-0.041^{**}
		(0.017)	(0.017)		(0.018)	(0.018)
Share unskilled workers (1989) x Post-1984			0.672			2.098^{**}
			(1.180)			(1.038)
Unemployment rate (1991) x Post-1984			−0.003			−0.006
			(0.007)			(0.008)
County-FE?	YES	YES	YES	YES	YES	YES
Year-FE?	YES	YES	YES	YES	YES	YES
Observations	2,139	2,130	2,110	2,573	2,562	2,538
Adjusted R^2	0.165	0.163	0.162	0.792	0.795	0.795
Note:			*p<0.1; **p<0.05; ***p<0.01			

Figure A6: No difference in government expenditure after the emigration wave

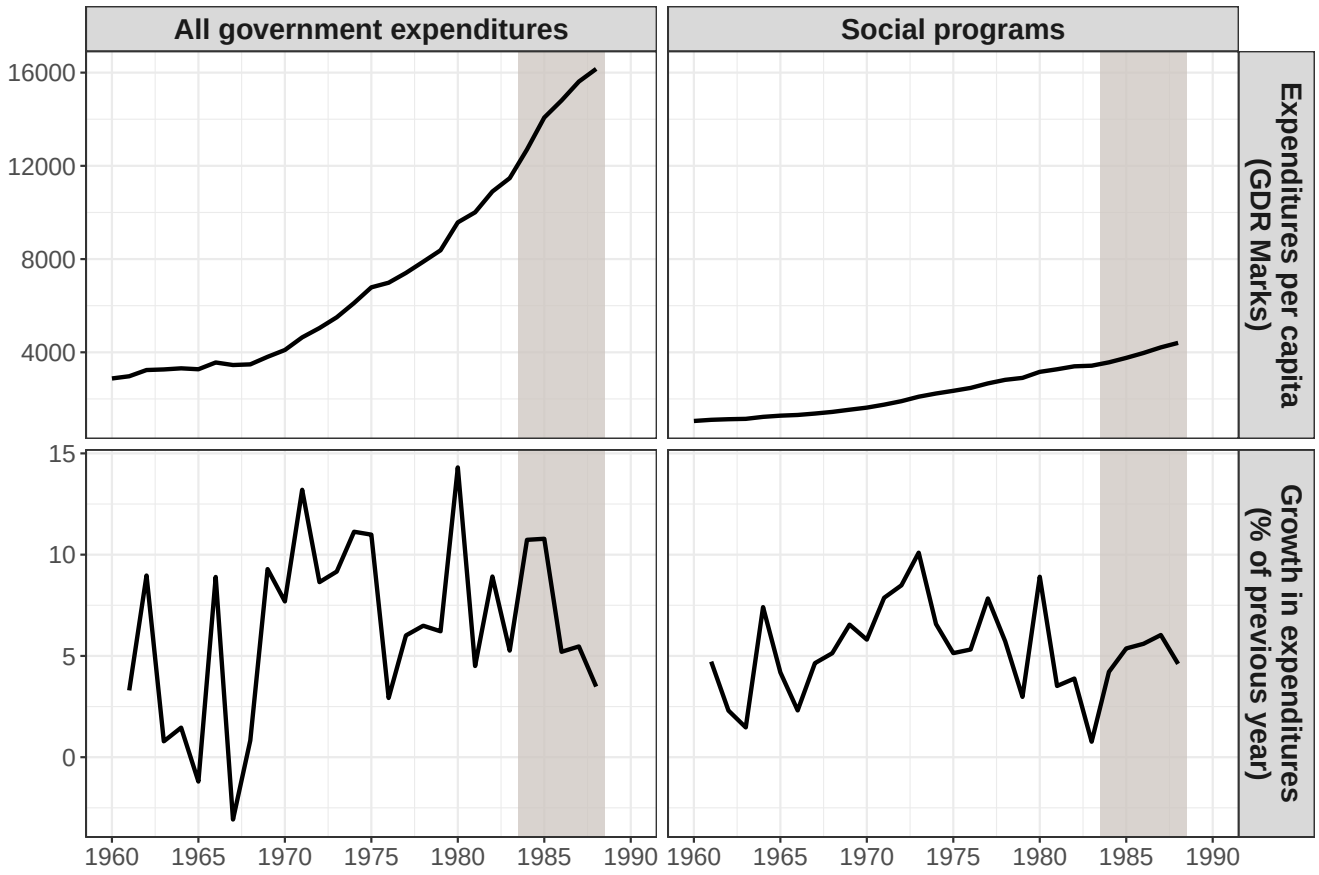
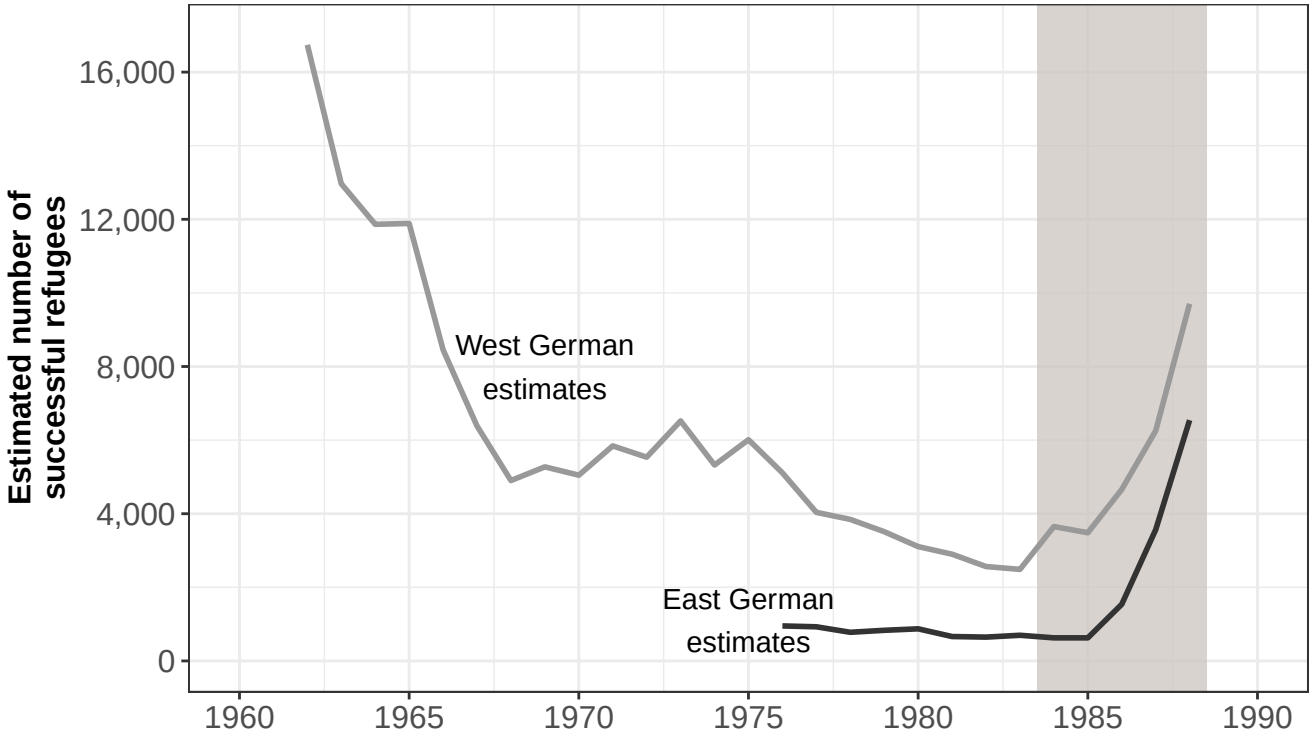



Figure A7: Number of reported successful illegal border crossings by year