



AMIDSt

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Leaving the Parental home and spatial assimilation of migrants in the Netherlands

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Motivation

Previous research has been focussed on leaving the parental home in general, using small surveys.

Less research on leaving home behaviour of migrants

Particular implications for migrants?

- Education, labour and housing markets



Research question

- Differences in **timing** and **pathways** of leaving home by ethnicity?
- does leaving home reflect spatial assimilation of migrants?

Spatial assimilation theory:

Upon arrival, immigrants tend to choose locations where co-ethnics are concentrated.

Geographical proximity of migrants to natives is closer, the greater the social mobility of immigrants in the host society.



Data

Social Statistical Database (SSD) 1999-2003, Statistics Netherlands

Individual register data covering the entire population

The sample: the panel of those who are 16 (17 and 18) year old and live with the parent(s) in 1999: 172,625 obs.



Leaving home

	StayedHome	Left2marr	Left2stud	LeftOther	Total
1999-2000	97.88	0.04	0.53	1.55	2.12
2000-2001	91.63	0.21	3.39	4.77	8.37
2001-2002	88.93	0.37	5.67	5.03	11.07
2002-2003	86.64	0.56	7.05	5.75	13.36



Distribution of Home Leavers

	Left2marry	Left2study	LeftOther		Total
Native	2.39	55.77	41.83		100
Moroccan	8.09	11.64	80.28		100
Turkish	13.34	11.29	75.37		100
Surinamese	1.87	21.02	77.11		100
Antillean	0.97	29.38	69.64		100
Other non-west	2.36	32.73	64.91		100
West	1.48	49.49	49.04		100
Total	3.3	47.32	49.38		100



Variables

Sex, Second generation (one or both parents foreign born)

Sibling's presence

No sibling (ref.),
all siblings in or out,
some siblings in, some out

Age difference with mother and father

Mother's marital status

Married (ref), unmarried, widowed, separated, cohabiting,

Parent's labour market position

Mother employed, income

Father employed, income

Neighbourhood characteristics

% Western and non-western migrants, mean earnings

The largest cities

Amsterdam, Rotterdam, The Hague, Utrecht



The Model

Discrete time hazard models

1. *Risk of leaving home*

2. *Risk of leaving home through the pathways:*
 1. *To live with a partner*
 2. *To study in higher education*
 3. *For other reasons*

Risk of leaving home

	exp(B)	
Intercept	0.009	***
t+2	4.335	***
t+3	6.178	***
t+4	7.653	***
Girl	1.970	***
2nd Gen (both parents immigr.)	0.926	**
2nd Gen (one parent immigr.)	0.905	***
Employed	0.858	***
Student	1.061	**
All siblings in	1.047	*
All siblings out	1.710	***
Some siblings in, some out	1.761	***
Age difference with mother	0.990	***
Age difference with father	0.998	***
Mother unmarried	1.293	***
Mother widowed	0.759	***
Mother seperated	1.278	***
Mother cohabiting	1.093	

Mother employed	0.950	***
Mother income	1.008	***
Father employed	0.757	***
Father income	1.004	***
% western migrants	1.011	***
% non-western migrants	1.005	***
Mean annual fiscal income	1.014	***
Amsterdam	0.842	***
Rotterdam	1.044	
Hague	1.091	**
Utrecht	0.949	
Moroccan	3.336	***
Turkish	3.684	***
Surinamse	1.229	***
Antillean	1.267	***
Other non-western	1.397	***
Western	1.129	***



Pathways of leaving home I

	Left2marry		Left2Study		LeftOther	
	exp(B)		exp(B)		exp(B)	
Constant	0.00	***	0.00	***	0.06	***
t+2	6.33	***	6.61	***	3.60	***
t+3	14.51	***	10.98	***	4.18	***
t+4	26.76	***	13.60	***	5.12	***
Girl	7.86	***	1.97	***	1.94	***
Second Gen (both parents immigr.)	0.73	***	1.25	***	0.92	**
Second Gen (One parents immigr.)	0.56	***	1.20	***	0.87	***
All siblings in	1.65	**	1.08	*	0.99	
All siblings out	2.40	***	1.43	***	1.90	***
Some siblings in, some out	4.18	***	1.38	***	1.94	***
Age difference with mother	0.95	***	1.05	***	0.95	***
Age difference with father	1.00		1.00		1.00	
Mother unmarried	0.49	**	1.16	**	1.46	***
Mother widowed	0.89		0.99		0.77	***
Mother separated	0.83	*	0.88	***	1.68	***



Pathways of leaving home II

	Left2marry		Left2Study		LeftOther	
	exp(B)		exp(B)		exp(B)	
Mother employed	0.70	***	1.29	***	0.80	***
Mother income	0.98	***	1.01	***	1.01	***
Father employed	0.78	***	1.06	**	0.72	***
Father income	1.00	**	1.01	***	1.00	***
% western migrants in the neighb.	0.94	***	1.01	***	1.02	***
% non-western migrants in the neighb.	1.00		0.99	***	1.01	***
Mean earnings in the neigh. (in 1000s)	0.96	***	1.03	***	0.97	***
Amsterdam	0.91		0.95		0.84	***
Rotterdam	1.24		1.00		1.06	
The Hague	1.01		1.08		1.07	
Utrecht	0.76		1.14	*	0.90	
Moroccan	9.87	***	1.36	***	3.78	***
Turkish	19.97	***	1.53	***	3.65	***
Surinamse	1.77	**	0.83	**	1.38	***
Antillean	0.88		0.88		1.43	***
Other non-western	1.49	**	1.22	***	1.44	***



Does leaving home reflect spatial assimilation?

% non-west in the origin neighbourhood		
	Boy	Girl
Native	6.53	6.41
Moroccan	32.43	32.90
Turkish	32.21	31.86
Surinamese	32.65	31.80
Antillean	21.13	21.40
Other non-west	22.06	20.11
West	10.10	10.01
Total	11.57	10.12

Change after moving	
Boy	Girl
6.44	5.56
-0.33	0.69
-1.18	-0.20
-0.01	1.31
2.42	3.63
2.62	3.47
5.56	4.99
5.07	4.86

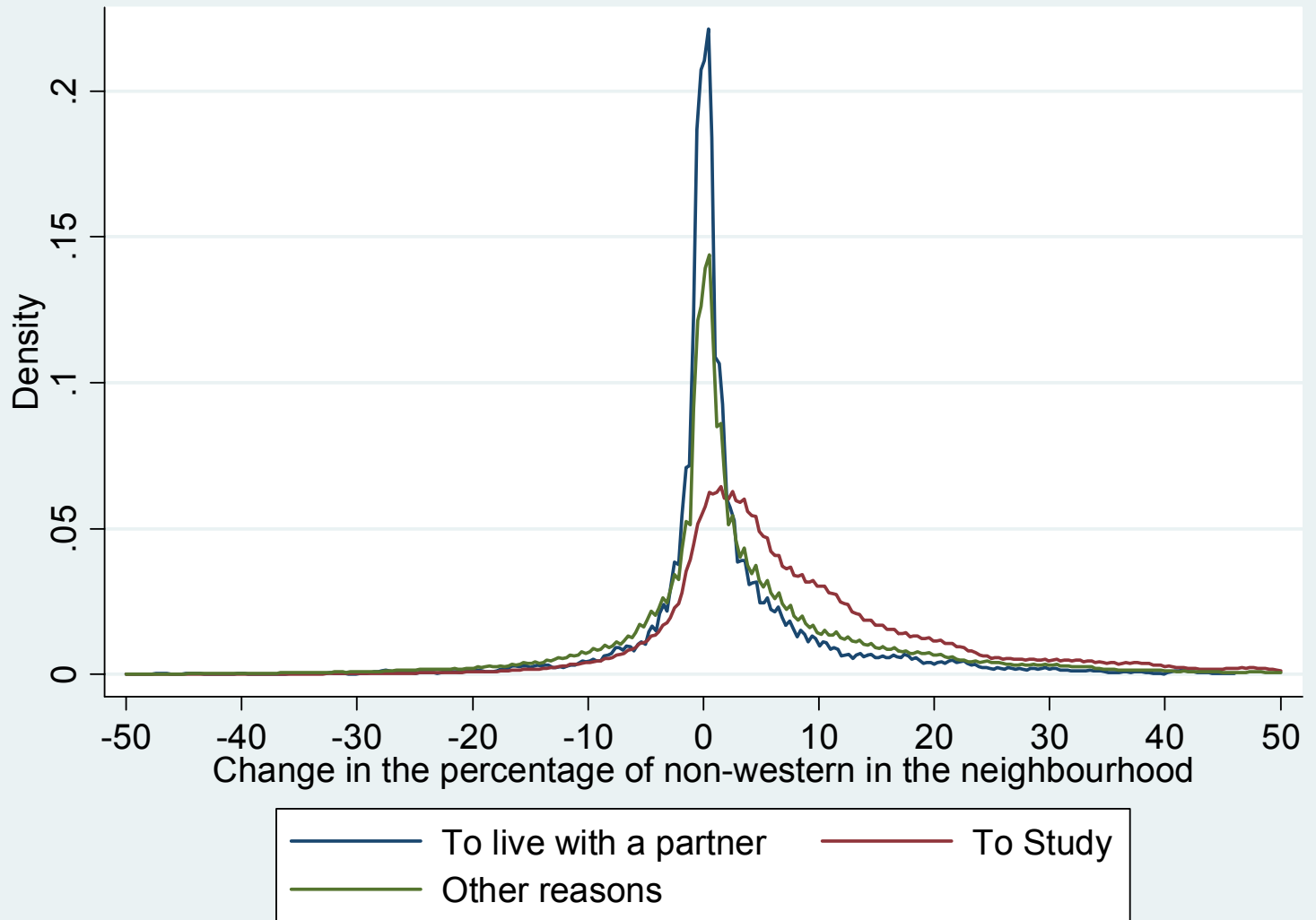


Difference by gender?

	BOYS			GIRLS		
	Left2marr	Left2stud	LeftOther	Left2marr	Left2stud	LeftOther
Native	2.32	9.25	3.30	2.14	8.32	3.23
Moroccan	-3.16	2.17	-0.60	1.42	2.81	0.07
Turkish	-0.71	0.15	-1.44	-0.20	0.23	-0.29
Surinamese	3.17	3.93	-1.08	0.48	4.66	0.24
Antillean	4.86	8.28	0.31	7.08	6.84	2.09
Other non-west	2.95	5.74	1.12	3.82	5.93	2.12
West	3.46	8.64	2.68	2.10	7.11	3.27
Total	1.48	8.75	2.04	1.65	7.92	2.70

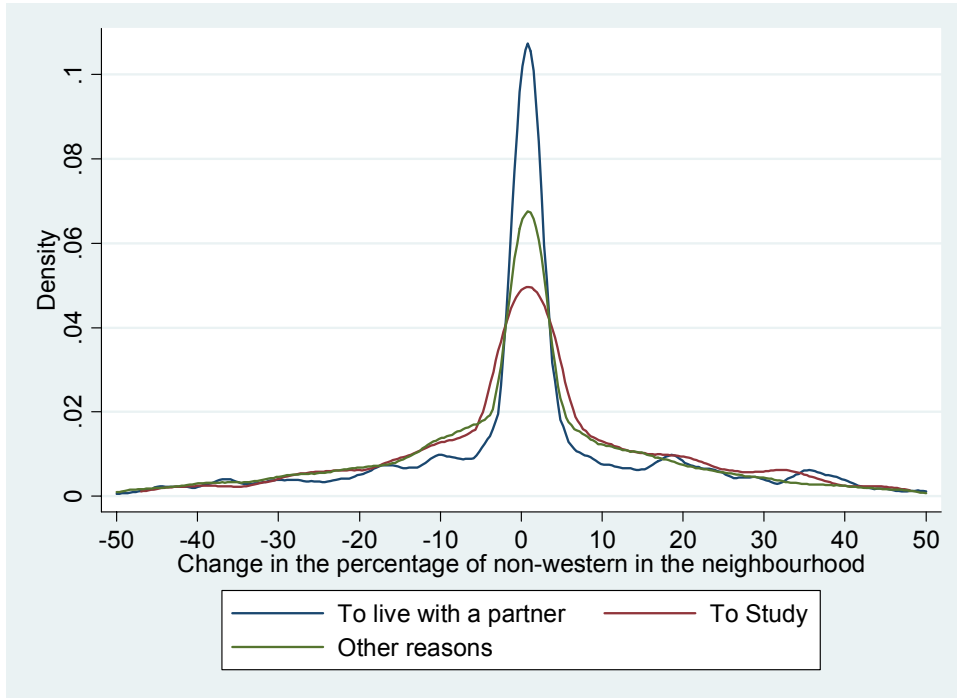


Natives

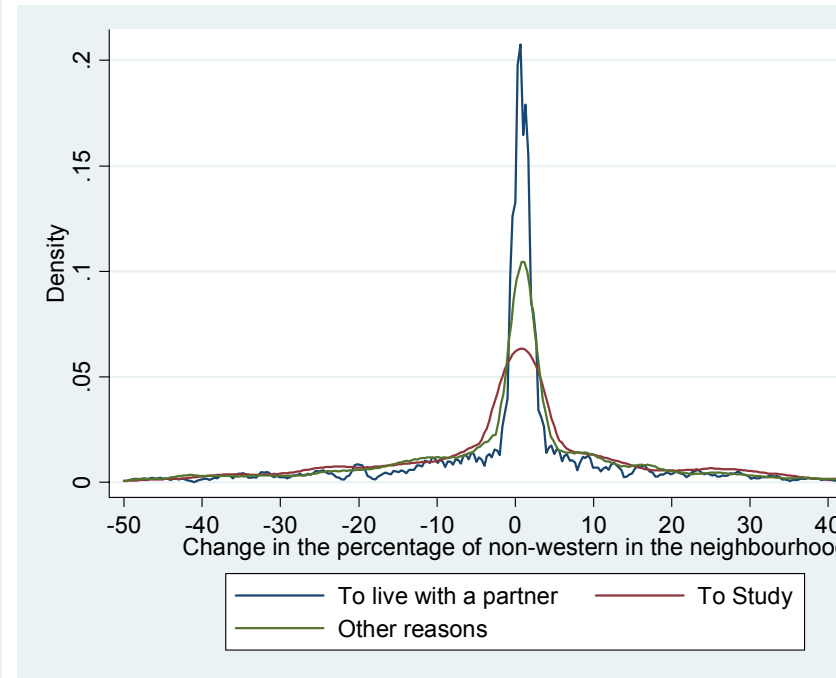




Moroccan

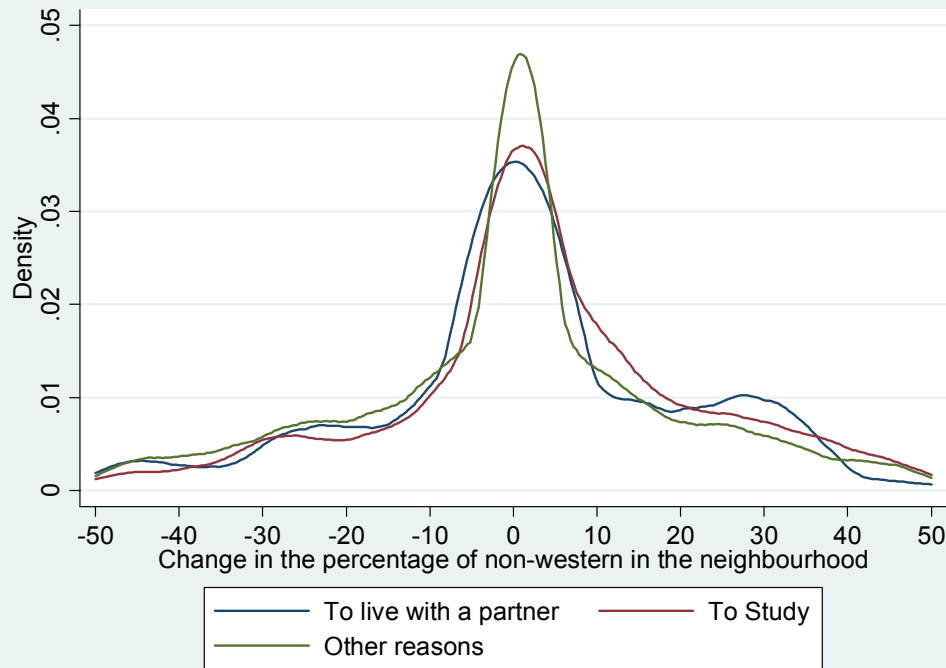


Turkish

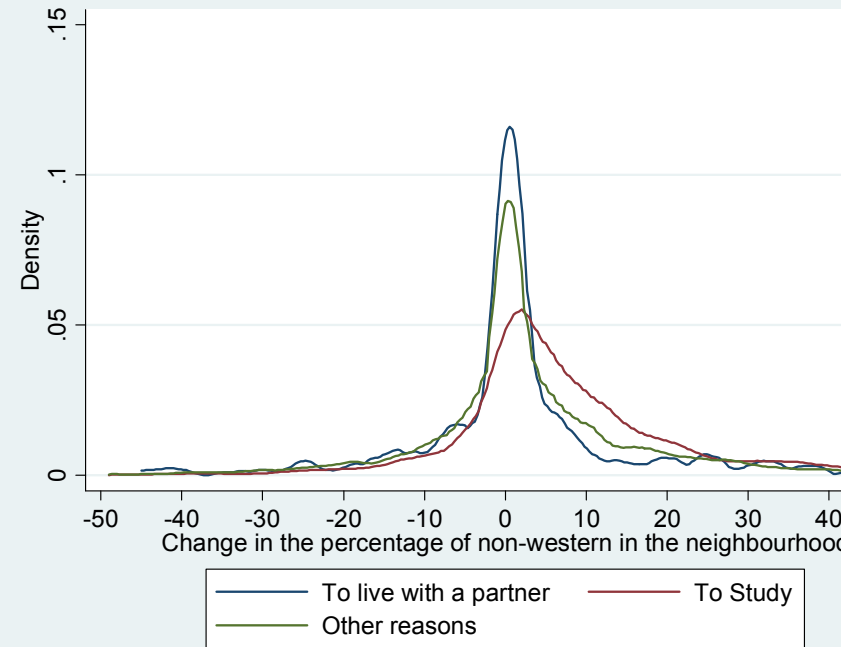




Surinamese



Western





	B	
Moroccan	14.12	***
Turkish	14.49	***
Surinamse	12.86	***
Antillean	9.55	***
Other non-western	9.11	***
Western	5.14	***
Second Gen (both parents immigr.)	-1.23	***
Second Gen (One parents immigr.)	-5.03	***
Girl	-0.67	***
Student	0.93	***
Annual tax income (in 1000s euro)	-0.08	***
Age difference with mother	0.03	***
Mother seperated	0.30	**
Mother cohabiting	1.14	***
Mother employed	0.32	***
Mother income	0.01	***
Father employed	-0.19	*
Father income	0.01	***
Amsterdam	16.78	***
Rotterdam	19.03	***
Hague	17.25	***
Utrecht	8.33	***
Constant	10.51	***
N	185899	
R-sq	0.287	

OLS on % non-western in the destination neighbourhood

What if we control for the percentage of non-western in the origin neighbourhood



	B		B	
Moroccan	14.12	***	7.82	***
Turkish	14.49	***	7.60	***
Surinamse	12.86	***	7.63	***
Antillean	9.55	***	5.61	***
Other non-western	9.11	***	5.31	***
Western	5.14	***	2.84	***
Second Gen (both parents in the Netherlands)	-1.23	***	-0.83	***
Second Gen (One parents in the Netherlands)	-5.03	***	-2.61	***
Girl	-0.67	***	-0.63	***
Student	0.93	***	1.08	***
Annual tax income (in 1000s)	-0.08	***	-0.09	***
Age difference with mother	0.03	***	0.08	***
Mother seperated	0.30	**	-0.52	***
Mother cohabiting	1.14	***	2.36	***
Mother employed	0.32	***	0.49	***
Mother income	0.01	***	0.01	***
Father employed	-0.19	*	0.18	*
Father income	0.01	***	0.01	***
Amsterdam	16.78	***	7.92	***
Rotterdam	19.03	***	9.77	***
Hague	17.25	***	7.58	***
Utrecht	8.33	***	3.66	***
% non-western migrants in the neighb.			0.39	***
Constant	10.51	***	6.48	***
N	185899		176983	
R-sq	0.287		0.347	

OLS on % non-western in the destination neighbourhood



Conclusions

- Girls and migrants leave the parental home more often, especially Turks and Moroccans
- Migrants move relatively more often to live with a partner while natives leave home to study
- Also those whom mother is separated or unmarried leave home more often while children of widowed mothers leave home less likely.
- The second generation migrants leaves home less likely than the first
- Non-western migrants move to neighbourhoods with a lower ethnic concentration, compared to natives.
- However, the ethnic concentration in the destination neighbourhood is still significantly higher for migrants, compared to natives



further

- Looking at the new household composition: whether immigrant youth leave home to start a 'temporary' household with siblings
- Linking the risk of leaving home with the destination neighbourhood
- Unobserved heterogeneity!