

Supplementary File

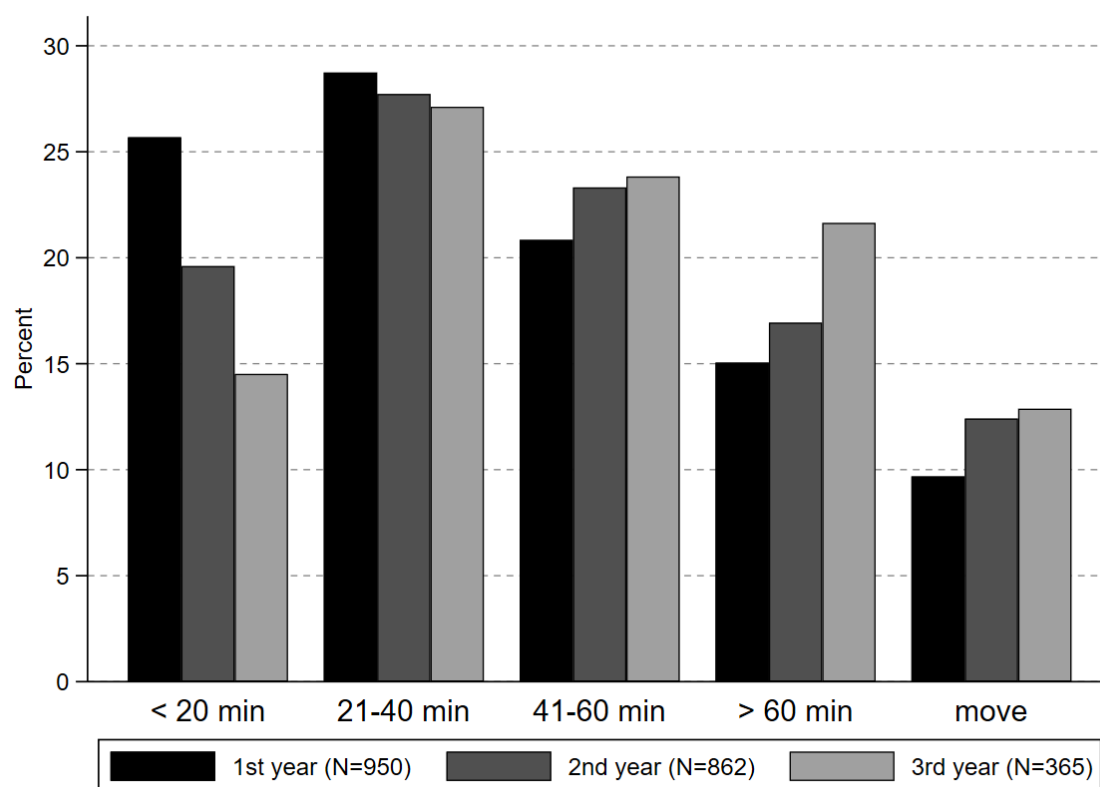


Figure A1. Distribution of the mobility radius by search time.

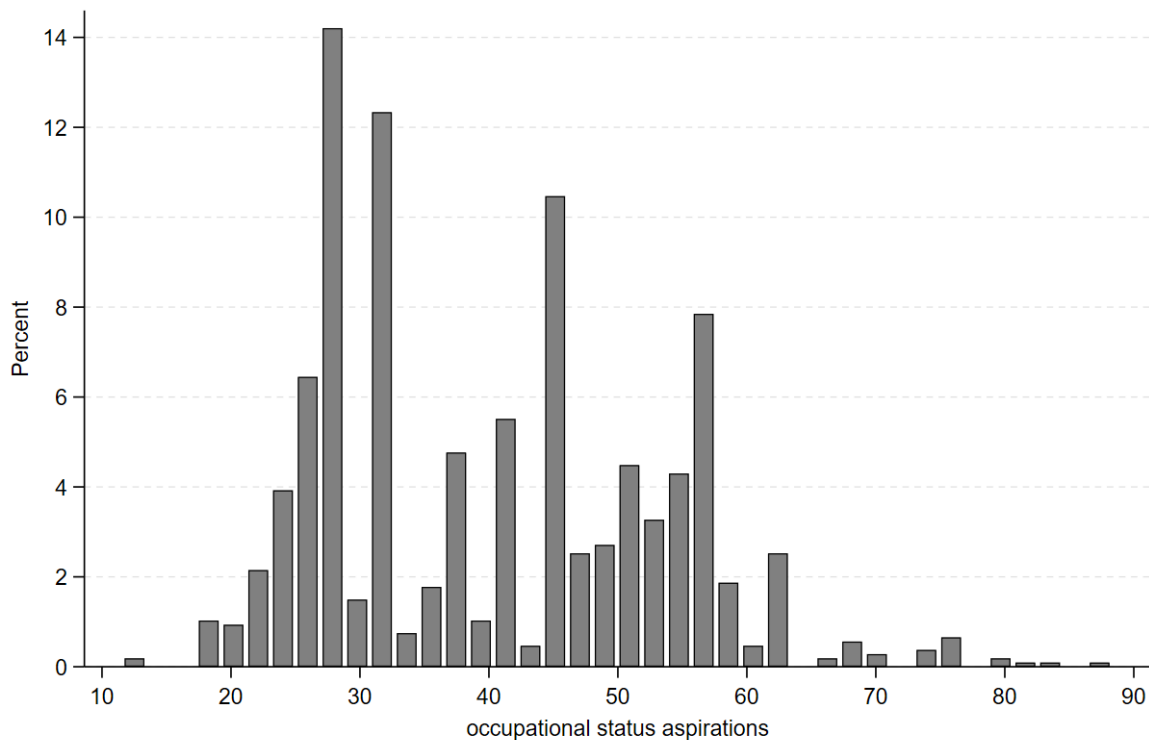


Figure A2. Distribution of occupational status aspirations.

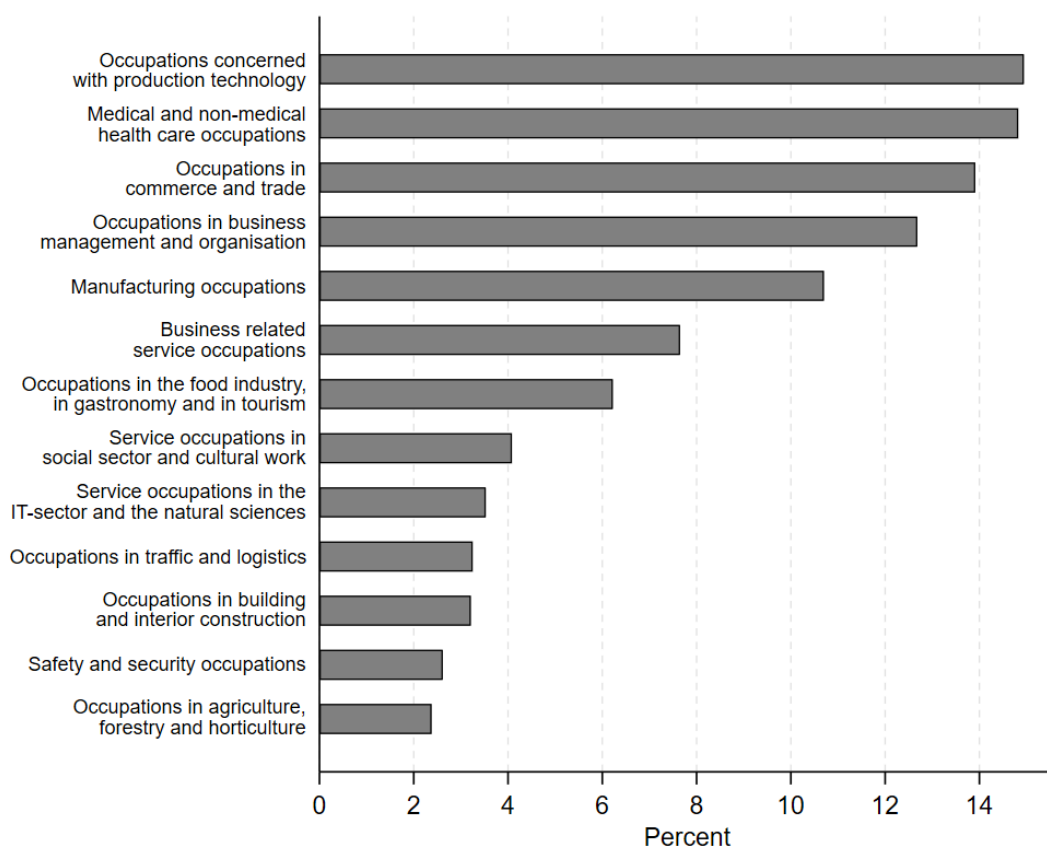


Figure A3. Distribution of aspired occupational segments.

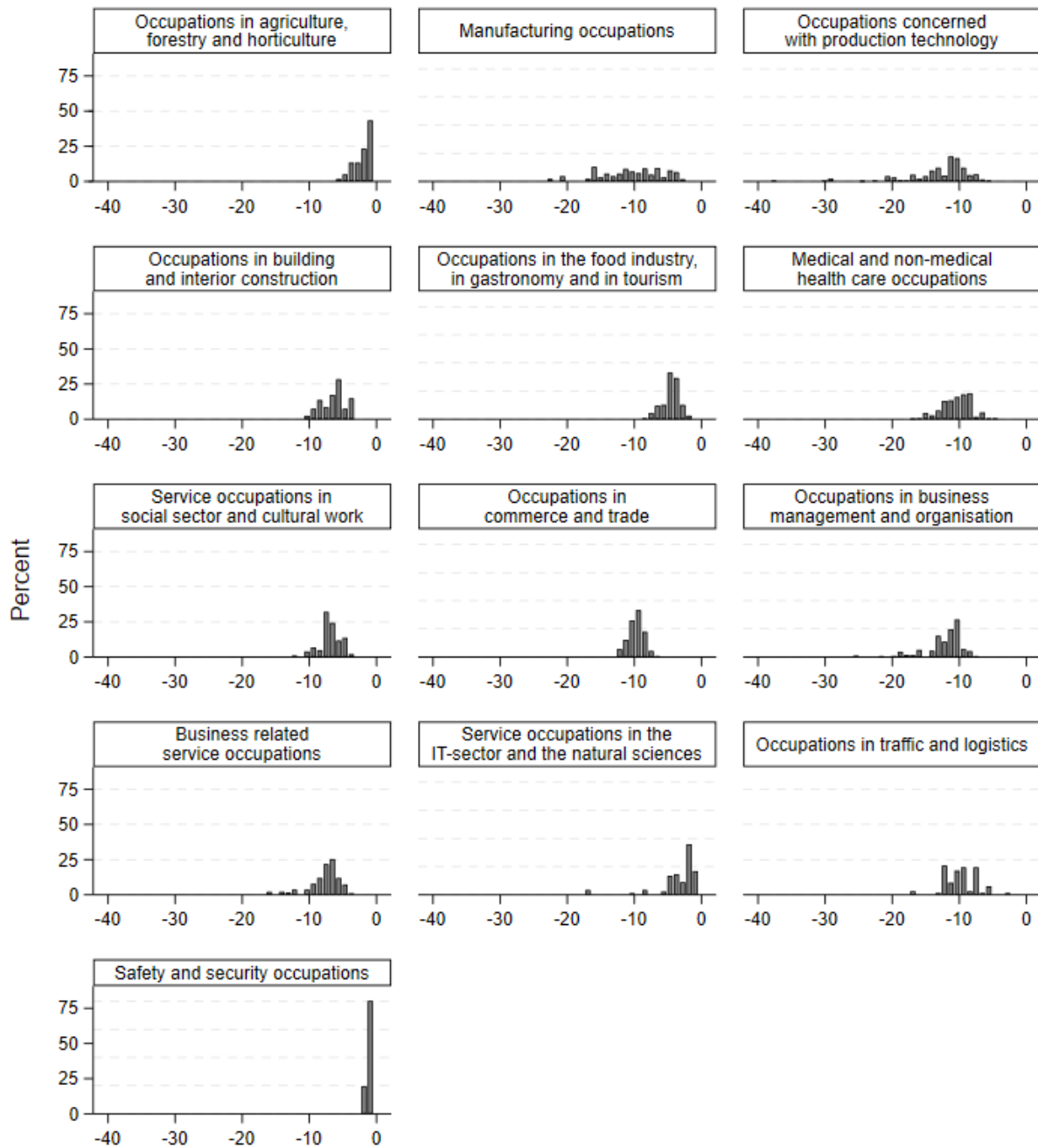


Figure A4. Distribution of regional mismatch by aspired occupational segments. Notes: Higher values indicate a higher regional mismatch.

Table A1. Variable correlations.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
(1) mobility radius	1.00														
(2) search time (1st year)	-0.10	1.00													
(3) search time (2nd year)	0.04	-0.74	1.00												
(4) search time (3rd year)	0.08	-0.36	-0.36	1.00											
(5) status aspirations	0.12	0.00	0.00	-0.01	1.00										
(6) regional mismatch	0.07	-0.00	-0.01	0.01	0.08	1.00									
(7) gender, ref. male	0.07	0.01	0.01	-0.03	0.27	0.04	1.00								
(8) migration background, ref. native	-0.11	0.00	0.00	-0.00	-0.03	-0.09	-0.08	1.00							
(9) age	0.17	0.02	0.02	-0.05	0.23	0.07	0.08	0.02	1.00						
(10) SES background	0.10	0.01	0.01	-0.02	0.17	0.05	-0.01	-0.28	0.17	1.00					
(11) educational certificate (low)	-0.16	-0.00	-0.00	0.01	-0.04	0.02	-0.15	0.15	-0.34	-0.26	1.00				
(12) educational certificate (medium)	0.06	-0.02	-0.02	0.05	0.20	-0.07	0.04	-0.06	-0.12	0.07	-0.74	1.00			
(13) educational certificate (high)	0.16	0.03	0.03	-0.08	0.27	0.07	0.15	-0.12	0.63	0.24	-0.33	-0.40	1.00		
(14) regional competition	0.01	-0.02	-0.00	0.03	-0.01	0.07	-0.02	0.02	0.05	-0.06	-0.03	0.02	0.01	1.00	
(15) regional VET mismatch	0.11	0.00	-0.00	0.00	0.38	0.65	0.14	-0.12	0.14	0.10	-0.20	0.08	0.15	0.07	1.00

Notes: all variables are unstandardized.

Table A2. VET applicants' willingness for spatial mobility, full linear regression results.

	Model 1		Model 2		Model 3		Model 4		Model 5		Model 6		Model 7		Model 8	
	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.
Dependent variable: mobility radius																
Predictor variables																
search time, ref. 1st year																
2nd year	0.11**	[0.04]	0.11**	[0.04]	0.10**	[0.04]	0.10**	[0.04]	0.10**	[0.04]	0.10**	[0.04]	0.10**	[0.04]	0.10**	[0.04]
3rd year	0.24***	[0.05]	0.24***	[0.05]	0.23***	[0.05]	0.24***	[0.05]	0.25***	[0.05]	0.24***	[0.05]	0.25***	[0.05]	0.25***	[0.05]
status aspirations			0.15***	[0.03]	0.17***	[0.03]	0.12***	[0.03]	0.09*	[0.04]	0.11**	[0.03]	0.09*	[0.04]	0.09*	[0.04]
regional mismatch			0.06 ⁺	[0.03]	0.05 ⁺	[0.03]	0.04	[0.03]	0.04	[0.03]	0.04	[0.03]	0.04	[0.03]	0.04	[0.03]
Two-way interactions, ref. 1st year																
2nd year $\times$ status aspirations			-0.02	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]
3rd year $\times$ status aspirations			-0.04	[0.05]	-0.07	[0.05]	-0.06	[0.05]	-0.06	[0.05]	-0.06	[0.05]	-0.06	[0.05]	-0.06	[0.05]
2nd year $\times$ regional mismatch			0.01	[0.04]	0.01	[0.04]	0.01	[0.04]	0.01	[0.04]	0.01	[0.04]	0.01	[0.04]	0.01	[0.04]
3rd year $\times$ regional mismatch			-0.03	[0.05]	-0.03	[0.05]	-0.03	[0.05]	-0.03	[0.05]	-0.03	[0.05]	-0.03	[0.05]	-0.03	[0.05]
Three-way interactions, ref. 1st year																
status aspirations $\times$ regional mismatch					-0.08*	[0.03]	-0.08*	[0.03]	-0.08*	[0.03]	-0.08*	[0.03]	-0.08*	[0.03]	-0.08*	[0.04]
2nd year $\times$ status aspirations $\times$ regional mismatch					0.01	[0.04]	0.02	[0.04]	0.02	[0.04]	0.02	[0.04]	0.02	[0.04]	0.02	[0.04]
3rd year $\times$ status aspirations $\times$ regional mismatch					0.09 ⁺	[0.06]	0.09	[0.06]	0.09	[0.06]	0.09	[0.06]	0.09	[0.06]	0.09	[0.05]
Control variables																
gender, ref. male							0.05	[0.05]	0.04	[0.05]	0.06	[0.05]	0.04	[0.05]	0.04	[0.05]
migration background, ref. native							-0.21***	[0.06]	-0.15**	[0.06]	-0.18**	[0.06]	-0.17**	[0.06]	-0.15*	[0.06]
age							0.17***	[0.03]	0.12***	[0.03]	0.16***	[0.03]	0.12***	[0.03]	0.12***	[0.03]
Social structure																
SES Background									0.04	[0.03]	0.05 ⁺	[0.03]			0.03	[0.03]
educational certificate, ref. low																
medium									0.14*	[0.06]			0.15**	[0.06]	0.14*	[0.06]
high									0.25*	[0.11]			0.28*	[0.11]	0.25*	[0.11]
regional competition															-0.01	[0.02]
constant	-0.08*	[0.03]	-0.08*	[0.03]	-0.07*	[0.03]	-0.04	[0.04]	-0.16**	[0.06]	-0.05	[0.04]	-0.16**	[0.06]	-0.16**	[0.06]
Random-effects																
Individual-level variance (SD)	0.66	[0.03]	0.64	[0.03]	0.64	[0.03]	0.61	[0.02]	0.61	[0.02]	0.61	[0.03]	0.61	[0.03]	0.61	[0.02]
Observation-level variance (SD)	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]
Average RVI	0.15		0.16		0.17		0.16		0.15		0.15		0.15		0.15	
Largest FMI	0.25		0.26		0.26		0.26		0.26		0.26		0.26		0.26	

Notes: ⁺ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001. Standard errors in brackets. N(Persons) = 1,079, N(Observations) = 2,545. 50 imputations. Continuous variables are z-standardized.

Table A3. VET applicants' willingness for spatial mobility, full ordered logistic regression results.

	Model 1		Model 2		Model 3		Model 4		Model 5		Model 6		Model 7		Model 8	
	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.
Dependent variable: mobility radius																
Predictor variables																
search time, ref. 1st year																
2nd year	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]	0.28**	[0.09]
3rd year	0.63***	[0.13]	0.63***	[0.13]	0.60***	[0.13]	0.63***	[0.13]	0.64***	[0.13]	0.64***	[0.13]	0.64***	[0.13]	0.64***	[0.13]
status aspirations			0.37***	[0.08]	0.45***	[0.09]	0.32***	[0.09]	0.23*	[0.09]	0.29**	[0.09]	0.24*	[0.09]	0.23*	[0.09]
regional mismatch			0.14*	[0.08]	0.13	[0.08]	0.09	[0.08]	0.10	[0.08]	0.09	[0.08]	0.10	[0.08]	0.11	[0.08]
Two-way interactions, ref. 1st year																
2nd year $\times$ status aspirations			-0.04	[0.09]	-0.06	[0.10]	-0.06	[0.10]	-0.06	[0.10]	-0.06	[0.10]	-0.06	[0.10]	-0.06	[0.10]
3rd year $\times$ status aspirations			-0.07	[0.13]	-0.15	[0.14]	-0.13	[0.14]	-0.13	[0.14]	-0.13	[0.14]	-0.13	[0.14]	-0.13	[0.14]
2nd year $\times$ regional mismatch			0.01	[0.09]	0.01	[0.09]	0.01	[0.09]	0.01	[0.09]	0.01	[0.09]	0.01	[0.09]	0.01	[0.09]
3rd year $\times$ regional mismatch			-0.13	[0.13]	-0.12	[0.13]	-0.13	[0.13]	-0.12	[0.13]	-0.13	[0.13]	-0.12	[0.13]	-0.12	[0.13]
Three-way interactions, ref. 1st year																
status aspirations $\times$ regional mismatch					-0.21*	[0.09]	-0.20*	[0.09]	-0.20*	[0.08]	-0.20*	[0.09]	-0.20*	[0.09]	-0.20*	[0.09]
2nd year $\times$ status aspirations $\times$ regional mismatch					0.05	[0.10]	0.05	[0.10]	0.05	[0.10]	0.05	[0.10]	0.05	[0.10]	0.05	[0.10]
3rd year $\times$ status aspirations $\times$ regional mismatch					0.23	[0.14]	0.22	[0.14]	0.22	[0.14]	0.22	[0.14]	0.22	[0.14]	0.22	[0.14]
Control variables																
gender, ref. male							0.11	[0.14]	0.11	[0.14]	0.13	[0.14]	0.08	[0.14]	0.10	[0.14]
migration background, ref. native							-0.51***	[0.14]	-0.36*	[0.15]	-0.43**	[0.15]	-0.41**	[0.15]	-0.36*	[0.15]
age							0.43***	[0.07]	0.31***	[0.09]	0.41***	[0.07]	0.31***	[0.09]	0.31***	[0.09]
Social structure																
SES background									0.10	[0.07]	0.13*	[0.07]			0.10	[0.07]
educational certificate, ref. low																
medium									0.38*	[0.15]			0.41**	[0.15]	0.38*	[0.15]
high									0.61*	[0.28]			0.68*	[0.28]	0.61*	[0.28]
regional competition															-0.03	[0.06]
Thresholds																
Cutpoint 1	-1.77	[0.10]	-1.77	[0.10]	-1.79	[0.10]	-1.89	[0.13]	-1.57	[0.16]	-1.84	[0.13]	-1.57	[0.16]	-1.56	[0.16]
Cutpoint 2	0.11	[0.09]	0.10	[0.09]	0.09	[0.09]	-0.00	[0.12]	0.31	[0.16]	0.03	[0.12]	0.31	[0.16]	0.31	[0.16]
Cutpoint 3	1.54	[0.10]	1.54	[0.10]	1.53	[0.10]	1.43	[0.12]	1.75	[0.16]	1.47	[0.13]	1.75	[0.16]	1.75	[0.16]
Cutpoint 4	3.13	[0.13]	3.14	[0.13]	3.12	[0.13]	3.03	[0.15]	3.34	[0.18]	3.07	[0.15]	3.34	[0.18]	3.35	[0.18]
Random-effects																
Individual-level variance	2.91	[0.32]	2.79	[0.32]	2.78	[0.31]	2.55	[0.30]	2.51	[0.29]	2.54	[0.29]	2.51	[0.29]	2.51	[0.29]
Average RVI	0.19		0.18		0.18		0.17		0.16		0.17		0.16		0.16	
Largest FMI	0.24		0.24		0.24		0.24		0.24		0.24		0.24		0.24	

Notes: * $p < 0.1$, ** $p < 0.05$, *** $p < 0.01$, **** $p < 0.001$. Standard errors in brackets. N(Persons) = 1,079, N(Observations) = 2,545. 50 imputations. Continuous variables are z-standardized.

Table A4. VET applicants' willingness for spatial mobility, full linear regression results – regional VET mismatch.

	Model 1		Model 2		Model 3		Model 4		Model 5		Model 6		Model 7		Model 8	
	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.	β	S.E.
Dependent variable: mobility radius																
Predictor variables																
search time, ref. 1st year																
2nd year	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]	0.11**	[0.04]
3rd year	0.24***	[0.05]	0.24***	[0.05]	0.24***	[0.06]	0.25***	[0.05]	0.25***	[0.05]	0.25***	[0.05]	0.25***	[0.05]	0.25***	[0.05]
status aspirations			0.11**	[0.04]	0.12**	[0.04]	0.07 ⁺	[0.04]	0.04	[0.04]	0.07 ⁺	[0.04]	0.04	[0.04]	0.04	[0.04]
regional VET mismatch			0.11**	[0.03]	0.10**	[0.04]	0.08*	[0.04]	0.08*	[0.04]	0.08*	[0.04]	0.08*	[0.04]	0.08*	[0.04]
Two-way interactions, ref. 1st year																
2nd year $\times$ status aspirations			0.00	[0.04]	0.00	[0.04]	0.00	[0.04]	0.00	[0.04]	0.00	[0.04]	0.00	[0.04]	0.00	[0.04]
3rd year $\times$ status aspirations			0.01	[0.06]	0.01	[0.06]	0.02	[0.06]	0.02	[0.06]	0.02	[0.06]	0.02	[0.06]	0.02	[0.06]
2nd year $\times$ regional VET mismatch			-0.04	[0.04]	-0.05	[0.04]	-0.05	[0.04]	-0.05	[0.04]	-0.05	[0.04]	-0.05	[0.04]	-0.05	[0.04]
3rd year $\times$ regional VET mismatch			-0.13	[0.06]	-0.13*	[0.06]	-0.13*	[0.06]	-0.13*	[0.06]	-0.13*	[0.06]	-0.13*	[0.06]	-0.13*	[0.06]
Three-way interactions, ref. 1st year																
status aspirations $\times$ regional VET mismatch					-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]	-0.03	[0.04]
2nd year $\times$ status aspirations $\times$ reg. VET mismatch					-0.01	[0.04]	-0.01	[0.04]	-0.01	[0.04]	-0.01	[0.04]	-0.01	[0.04]	-0.01	[0.04]
3rd year $\times$ status aspirations $\times$ reg. VET mismatch					0.01	[0.06]	0.01	[0.06]	0.01	[0.06]	0.01	[0.06]	0.01	[0.06]	0.01	[0.06]
Control variables																
gender, ref. male							0.05	[0.05]	0.05	[0.05]	0.06	[0.05]	0.05	[0.05]	0.05	[0.05]
migration background, ref. native							-0.21***	[0.05]	-0.16**	[0.06]	-0.18**	[0.06]	-0.17**	[0.06]	-0.16**	[0.06]
age							0.16***	[0.03]	0.11**	[0.03]	0.15***	[0.03]	0.11**	[0.03]	0.11**	[0.03]
Social structure																
SES background									0.03	[0.03]	0.05 ⁺	[0.03]			0.03	[0.03]
educational certificate, ref. low																
medium									0.13*	[0.06]			0.14*	[0.06]	0.13*	[0.06]
high									0.25*	[0.11]			0.27*	[0.11]	0.25*	[0.11]
regional competition															-0.01	[0.02]
constant	-0.08*	[0.03]	-0.08**	[0.03]	-0.07*	[0.03]	-0.04	[0.05]	-0.15*	[0.06]	-0.05	[0.05]	-0.15*	[0.06]	-0.15*	[0.06]
Random-effects																
Individual-level variance (SD)	0.66	[0.03]	0.64	[0.03]	0.64	[0.03]	0.61	[0.03]	0.61	[0.03]	0.61	[0.03]	0.61	[0.03]	0.61	[0.03]
Observation-level variance (SD)	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]	0.75	[0.02]
Average RVI	0.15		0.18		0.19		0.18		0.16		0.17		0.17		0.16	
Largest FMI	0.27		0.27		0.28		0.28		0.28		0.28		0.28		0.28	

Notes: ⁺ p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001. Standard errors in brackets. N(Persons) = 1,079, N(Observations) = 2,545. 50 imputations. Continuous variables are z-standardized.

Table A5. Comparison of descriptive statistics between the analysis sample and a sample of successful VET applicants in the first year.

Variables	Sample 1					Sample 2				
	Mean or %	SD	Min	Max	N(valid)	Mean or %	SD	Min	Max	N(valid)
mobility radius	2.54	1.28	1	5	950	2.52	1.29	1	5	2,757
status aspirations	40.22	12.92	11.56	88.31	1,070	38.69	12.72	14.39	88.31	2,759
regional mismatch	-9.39	4.32	-38.12	-0.44	1,070	-9.66	4.45	-40.11	-0.36	2,758
reg. VET mismatch	-10.34	5.79	-37.77	0.00	1,070	-10.68	5.95	-33.29	0.00	2,758
gender										
male	51.48				555	58.09				1608
female	48.52				523	41.91				1160
migration background										
native	70.18				746	81.90				2245
mig. background	29.82				317	18.10				496
age	17.68	1.11	15.17	22.75	1,078	17.50	1.05	15.08	21.58	2,768
SES background	48.60	19.16	14.21	88.70	1,039	50.50	18.57	12.34	88.96	2,664
educational certificate										
low	38.00				410	25.17				697
medium	45.69				493	60.71				1681
high	16.31				176	14.12				391
regional competition	-102.66	4.96	-131.65	-86.68	1,065	-103.72	5.05	-131.65	-90.34	2,723

Notes: N(valid) refers to the number of individuals with valid information. Sample 1 (N = 1,079) refers to the final analysis sample. For comparison statistics in the first year are presented. Sample 2 (N= 2,769) refers of VET applicants who attained a VET position in the first year.