Appendix C: Additional results – intended for online publication only

Accessibility based on type of institution:	All		Publ	lic	NPC)
type of institution.	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign
Status measure: educati	and lovel					
Education	0.146	***	-0.270	***	0.416	***
Lucation	(0.049)		(0.032)		(0.038)	
Constant	(0.049) 3.144		(0.032) -1.542		(0.030) 4.687	*
Constant	(3.913)		(2.873)		(2.665)	
# observations	805,32	27	805,3	27	805,32	27
Residuals clustered at	grid c		grid o		grid cell	
R^2	0.05		0.08		0.127	
Status measure: income						
Income	1.164	***	-0.150		1.314	***
	(0.243)		(0.214)		(0.218)	
Constant	-10.533	**	7.672	*	-18.205	***
	(5.070)		(3.875)		(4.807)	
# observations	$805,\!327$		805,3		805,32	
Residuals clustered at	distri		distr		district	
R^2	0.06	5	0.055		0.121	
<i>Q</i> , , , , , , , , , , , , , , , , , , ,						
Status measure: house p House prices	4.890	***	-0.729	**	5.619	***
nouse prices	(0.602)		(0.347)		(0.549)	
Constant	(0.002) -9.203	**	(0.347) 7.662	**	(0.349) -16.865	***
Constant	(4.431)		(3.061)		(3.341)	
# observations	805,32	27	805,327		805,327	
11 00000 (00000000	SEL		SEI		SEL	
Residuals clustered at	0.080		0.056		0.154	

Table 5: Regression results on the spatial accessibility to nursery groups with $dist_{max}=1{\rm km}$

Notes: Accessibility measures are scaled by 1,000. All regressions include fixed year effects and additional variables on neighbourhood characteristics (on female employment rates, share of residents born in Austria or in other EU countries, and on connectivity). Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	All	All Public		lic	NPO	NPO	
type of institution.	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign.	
<i>Q</i> , , , , , , , , , , , , , , , , , , ,	1 1 1						
Status measure: educati		**	0.070	***	0.971	***	
Education	0.101	ጥጥ	-0.270	ጥጥጥ	0.371	ጥጥጥ	
	(0.047)	***	(0.031)		(0.036)	***	
Education \times time	0.013	1. 1. 1.	-0.000		0.013	1.1.1.	
0	(0.004)		(0.002)		(0.004)	**	
Constant	3.882		-1.550		5.432	1.1.	
// 1	(3.927)	27	(2.889)	07	(2.663)	27	
# observations	805,32		805,3		805,3		
Residuals clustered at	grid c		grid o		grid cell		
R^2	0.05	L	0.08	31	0.127		
Status measure: income							
Income	1.154	***	-0.208		1.362	***	
	(0.205)		(0.227)		(0.228)		
Income \times time	0.003		0.016		-0.013		
	(0.031)		(0.012)		(0.033)		
Constant	-10.335	**	8.811	**	-19.146°	***	
	(4.935)		(3.616)		(5.088)		
# observations	805,32	27	805,3	327	805,32	27	
Residuals clustered at	distri	ct	district		district		
R^2	0.06	5	0.055		0.121		
Status measure: house	orices						
House prices	4.000	***	-0.742	**	4.742	***	
	(0.573)		(0.336)		(0.530)		
House prices \times time	0.250	***	0.004		0.247	***	
rear rearrant to the second se	(0.056)		(0.021)		(0.052)		
Constant	-5.995		7.709	**	-13.704	***	
	(4.420)		(3.109)		(3.278)		
# observations	805,32	27	805,3	327	805,32	27	
Residuals clustered at	SED		SEI		SEL		
R^2	$\begin{array}{c} \text{SED} \\ 0.080 \end{array}$		SED 0.056		0.155		

Table 6: Regression results on the accessibility to nursery groups interacting with time and $dist_{max} = 1$ km

Notes: Accessibility measures are scaled by 1,000. All regressions include fixed year effects and additional variables on neighbourhood characteristics (on female employment rates, share of residents born in Austria or in other EU countries, and on connectivity). The variable 'time' indicates the year of observation, going from 0 (for 2007) to 7 (for 2014). Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	All	All		Public)	
type of institution.	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign	
<i>C</i>							
Status measure: educat		***	0.000	***	0.400	***	
Education	0.171	<u> </u>	-0.262	<u> </u>	0.433	<u> </u>	
~	(0.050)		(0.032)		(0.040)		
Constant	-0.294		-3.533		3.239		
	(3.805)		(2.737)		(2.716)		
# observations	805,32		805,3		$805,\!327$		
Residuals clustered at	grid c		grid o		grid cell		
R^2	0.05	0	0.07	'5	0.115		
<i>C</i> + + +	_						
Status measure: income		***	0 117		1 405	***	
Income	1.368		-0.117		1.485		
O	(0.285)	**	(0.230)		(0.246)	***	
Constant	-16.358		5.169		-21.527		
// _1	(6.049)	07	(4.366)	007	(5.544)	07	
# observations	805,3		805,3		805,32		
Residuals clustered at	distri		$\begin{array}{c} { m district} \\ 0.052 \end{array}$		district		
R^2	0.06	(0.05	02	0.116		
Status measure: house	nrices						
House prices	5.466	***	-0.675	*	6.140	***	
iio aso piicos	(0.707)		(0.388)		(0.643)		
Constant	-14.337	***	5.339	*	-19.676	***	
	(4.870)		(3.227)		(3.663)		
# observations	805,3	27	805,327		805,327		
Residuals clustered at	SEL		SED		SED		
R^2	0.08	0.081		0.053		0.147	

Table 7: Regression results on the spatial accessibility to nursery groups with $f(dist) = dist^{-1}$

Notes: Accessibility measures are scaled by 1,000. All regressions include fixed year effects and additional variables on neighbourhood characteristics (on female employment rates, share of residents born in Austria or in other EU countries, and on connectivity). Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	All		Pub	lic	NPC)
type of motifution.	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign.
Status measure: educati	onal level					
Education	0.128	***	-0.260	***	0.388	***
	(0.048)		(0.031)		(0.038)	
Education \times time	0.012	***	-0.000		0.013	***
	(0.004)		(0.002)		(0.004)	
Constant	0.420		-3.562		3.982	
	(3.816)		(2.745)		(2.713)	
# observations	805,32	27	805,3	327	805,32	27
Residuals clustered at	grid c	ell	grid o	cell	grid c	ell
R^2	0.050	C	0.07	'5	0.116	
Status measure: income						
Income	1.343	***	-0.177		1.520	***
	(0.238)		(0.243)		(0.240)	
Income \times time	0.007		0.017		-0.010	
	(0.033)		(0.012)		(0.035)	
Constant	-15.857	**	6.357		-22.213	***
	(5.885)		(4.058)		(5.703)	
# observations	805,32		805,3		805,32	
Residuals clustered at	distri	ct	district		distri	et
R^2	0.06'	7	0.05	52	0.110	3
Status measure: house p		***	0.000	*	F 100	***
House prices	4.493	1. 1. 1.	-0.692	14	5.186	ste ste ste
тт • • • • •	(0.669)	***	(0.374)		(0.622)	***
House prices \times time	0.274	ጥጥጥ	0.005		0.269	ጥጥ
	(0.059)	**	(0.024)		(0.055)	***
Constant	-10.829	ጥጥ	5.402		-16.231	<u> </u>
	(4.868)		(3.289)	~ ~	(3.591)	
# observations	805,32		805,3		805,32	
Residuals clustered at	SED		SEI		SED	
R^2	0.08	l	0.05	3	0.148	3

Table 8: Regression results on the accessibility to nursery groups interacting with time and $f(dist) = dist^{-1}$

Notes: Accessibility measures are scaled by 1,000. All regressions include fixed year effects and additional variables on neighbourhood characteristics (on female employment rates, share of residents born in Austria or in other EU countries, and on connectivity). The variable 'time' indicates the year of observation, going from 0 (for 2007) to 7 (for 2014). Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	Al	1	Public		NPO	
type of mateuton.	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign.
Status measure: summary index	;					
Neighbourhood quality	6.281	***	-1.543	***	7.824	***
	(0.840)		(0.476)		(0.680)	
Constant	13.041	**	-1.551		14.592	***
	(5.234)		(3.708)		(3.732)	
# observations	805,327		805,3	805,327		327
Residuals clustered at	grid cell		grid cell		grid cell	
R^2	0.053		0.043		0.106	
Status measure: summary index						
Neighbourhood quality	5.496	***	-1.607	***	7.103	***
Neighbourhood quality \times time	(0.782) 0.220	***	(0.474) 0.018		(0.640) 0.202	***
Constant	(0.074) 12.916	**	(0.022) -1.561		(0.069) 14.477	***
	(5.228)		(3.707)		(3.727)	
# observations	805,3		$805,\!327$		$805,\!327$	
Residuals clustered at	grid	cell	grid cell		grid cell	
R^2	0.05	53	0.04	3	0.1	06
Notes: Accessibility measures are	scaled by	1,000.	Neighbourho	ood qual	ity is meas	sured b

Table 9: Regression results on the spatial accessibility to nursery groups based on a summery index of neighbourhood quality

Notes: Accessibility measures are scaled by 1,000. Neighbourhood quality is measured by the mean of the standardized variables on education, income and house prices (see Cronbach, 1951). All regressions include fixed year effects and additional variables on neighbourhood characteristics (on female employment rates, share of residents born in Austria or in other EU countries, and on connectivity). The variable 'time' indicates the year of observation, going from 0 (for 2007) to 7 (for 2014). Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	All	l	Pub	lic	NPO	
	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign
Status measure: educational level						
Residents born in Austria	0.216	***	0.240	***	-0.024	
Residents born in Austria	(0.050)		(0.034)		(0.035)	
Residents born in other EU state	0.189		-0.068		(0.055) 0.257	
	(0.223)		(0.147)		(0.166)	
Women in employment	0.268	***	0.125	**	0.143	**
I J	(0.081)		(0.055)		(0.061)	
Underground station	5.411	**	2.498	*	2.912	
0	(2.562)		(1.416)		(2.033)	
# observations	805,3	327	805,3	327	805,3	327
Residuals clustered at	grid o		grid o		grid cell	
R^2	0.03	6	0.05	56	0.08	32
Status measure: income						
Residents born in Austria	0.080		0.180	**	-0.100	
	(0.060)		(0.068)		(0.078)	
Residents born in other EU state	0.066		-0.648	***	0.714	***
	(0.244)		(0.154)		(0.191)	
Women in employment	0.339	***	0.079		0.260	***
	(0.071)		(0.064)		(0.048)	
Underground station	5.059	*	2.550		2.509	
	(2.567)		(1.865)		(1.987)	
# observations	805,3		805,3		805,3	
Residuals clustered at	distr		distr		distr	
R^2	0.04	6	0.04	1	0.08	80
Status measure: house prices						
Residents born in Austria	0.183	***	0.169	***	0.014	
	(0.059)		(0.037)		(0.043)	
Residents born in other EU state	-0.312		-0.636	***	0.324	**
	(0.201)		(0.143)		(0.143)	
Women in employment	0.347	***	0.080		0.267	***
	(0.088)		(0.065)		(0.066)	
Underground station	3.226		2.666	*	0.560	
_	(2.460)		(1.396)		(1.924)	
# observations	805,3	327	805,3	827	805,3	327
Residuals clustered at	SEI		SEI		SEI	C
R^2	0.06	0	0.04	1	0.10)4

Table 10: Regression results on the spatial accessibility to nursery groups (control variables – Table 2 continued)

Notes: Accessibility measures are scaled by 1,000. Regression table includes parameter estimates on control variables on the regressions displayed in Table 2. Fixed year effects are included, but not reported for brevity. Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.

Accessibility based on type of institution:	All	l	Pub	lic	NPO	
	Coeff.	Sign.	Coeff.	Sign.	Coeff.	Sign
Status measure: educational level						
Residents born in Austria	0.216	***	0.240	***	-0.024	
Residents born in Austria	(0.050)		(0.034)		(0.035)	
Residents born in other EU state	(0.050) 0.189		-0.068		(0.055) 0.257	
Residents som in other Le state	(0.223)		(0.147)		(0.166)	
Women in employment	0.268	***	0.125	**	0.143	**
	(0.081)		(0.055)		(0.061)	
Underground station	5.409	**	2.498	*	2.911	
	(2.563)		(1.416)		(2.034)	
# observations	805,3	327	805,3	327	805,3	27
Residuals clustered at	grid o		grid o		grid cell	
R^2	0.03	6	0.05	56	0.082	
Status measure: income						
Residents born in Austria	0.080		0.180	**	-0.100	
	(0.060)		(0.068)		(0.078)	
Residents born in other EU state	0.066		-0.648	***	0.714	***
	(0.244)		(0.154)		(0.191)	
Women in employment	0.339	***	0.079		0.260	***
	(0.071)		(0.064)		(0.048)	
Underground station	5.060	*	2.552		2.507	
	(2.569)		(1.866)		(1.989)	
# observations	805,3		805,3		805,3	
Residuals clustered at	distr		distr		distri	
R^2	0.04	6	0.04	.1	0.08	0
Status measure: house prices						
Residents born in Austria	0.183	***	0.169	***	0.014	
	(0.059)		(0.037)		(0.043)	
Residents born in other EU state	-0.312		-0.636	***	0.324	**
	(0.201)		(0.143)		(0.143)	
Women in employment	0.346	***	0.080		0.267	***
- ~	(0.088)		(0.065)		(0.066)	
Underground station	3.236		2.666	*	0.569	
	(2.460)		(1.396)		(1.924)	
# observations	805,3	327	805,3	827	805,3	27
Residuals clustered at	SEI		SEI		SEI	
R^2	SED 0.060		0.04		0.10	

Table 11: Regression results on the accessibility to nursery groups interacting with time (control variables – Table 3 continued)

Notes: Accessibility measures are scaled by 1,000. Regression table includes parameter estimates on control variables on the regressions displayed in Table 3. Fixed year effects are included, but not reported for brevity. Standard errors are reported in parentheses and are based on standard errors that are clustered at the regional level at which the status measure is available. *** significant at 1 %, ** significant at 5%, * significant at 10 % level.