The future of dialects

Selected papers from Methods in Dialectology XV

Edited by

Marie-Hélène Côté Remco Knooihuizen John Nerbonne



Language Variation

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Contents

1 Dialect levelling and changes in semiotic space			
Ivana Škevin	3		
Indexes	29		

0 The future of dialects

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Chapter 1

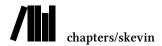
Dialect levelling and changes in semiotic space

Ivana Škevin University of Zadar

> The Betina variety is a local Čakavian Croatian variety spoken on the island of Murter in central Dalmatia. The influence of Romance languages has left visible traces on the island's vocabulary, just as it has in many other Čakavian varieties of the Eastern Adriatic coast. The Betina variety, through contact with other, more dominant dialectal varieties or the Croatian standard variety, and as a consequence of language accommodation, is losing many of its most salient, mostly Romance, characteristics. This process is leading to a loss of local distinctiveness. The paper proposes a semiotic approach to the problem of dialect levelling. It assumes that it occurs not only because of language accommodation, but also as a consequence of the alteration and transformation of the culture and of the ways of life referred to as semiotic spaces. Since a language or dialect can function only in interaction with its semiotic space, its change leads to language change. The analysis was conducted on a collection of words of Romance origin and involved interviews with young speakers living in Betina. The results of this study are expected to confirm that in Betina, particularly in the vocabulary of young speakers, Romance elements are disappearing. It occurs as a consequence of the disappearance of human practices and of utilitarian and sociocultural objects that once had an important role and which used to create very particular and distinctive semiotic spaces.

1 Introduction

Over the centuries, our needs as humans change. The objects we use and the activities we engage in disappear and get (re)constructed. Our way of life changes together with the ways in which we make a living, eat, get our food, and dress. All these components of life are intimately connected. One cannot exist without the other. They all create meaning and are generally considered to be secondary



modeling systems. These systems are secondary in relation to the primary system of language because, like all semiotic systems, they are constructed on the model of language (lotman_culture_2009). It is possible to suggest that, in reality, clear and functionally mono-semantic systems do not exist in isolation. No one system, in fact, is effective when taken individually. The starting point of this research is Lotman's assumption that, without the semiosphere-that is, the semiotic space of the culture in question-language not only does not function but does not exist (Lotman 1985 [2015]: 218–219). Accordingly, the current article deals with linguistic and semiological signs. barthes_elements_1968 claims that a semiological sign, like its linguistic model, comprises a signifier and a signified, but that it differs from a linguistic sign at the level of the substance of its expression, the essence of which is not to signify but to have function and utility in everyday use.

2 Linguistic, historical, geographic and socioeconomic background

The Croatian language has three main groups of dialects: *Kajkavian*, *Čakavian*, and *Štokavian*. Their names derive from the form of the interrogative pronoun (*kaj*, *ča*, and *što* 'what') used in each dialect. Standard Croatian is based on Štokavian. The dialects of the Čakavian group, one of which is the subject of this study, are spoken along the East Adriatic Coast. Čakavian has many local varieties, which vary in terms of accentuation, morpho-syntax, or lexicon. The local dialect spoken in Betina belongs to the group of Southern Čakavian Ikavian varieties. In the Ikavian varieties the reflex of the Slavic *jat* phoneme is /i/, and in standard Croatian it is /ije/ or /je/. Thus, in Ikavian, we have *lipa divojka* 'beautiful girl', as opposed to the Croatian standard form *lijepa djevojka*. One of the main characteristics of Betina dialect, which it shares with most other Čakavian varieties, is that a significant portion of its technical vocabulary in specific fields is of Romance origin.¹ Romance lexical elements originate from the now extinct Dalmatic languages as well as from old dialectal varieties of Italian that functioned as proper languages in past centuries (Venetian and Triestine, as

¹ Research undertaken in 2008, 2009, and 2010 has revealed that in the Betina dialect, loanwords of Romance origin account for 61.96% of fishing terminology, 65.12% of maritime terminology, 29.41% of wine terminology, 36.73% of olive cultivation terminology, 57.14% of barrel-making terminology, and finally, 61.54% of agricultural terminology (tools and maintainance of arable land) (skevin_etimoloska_2010).



Figure 1: The location of Betina. @OpenStreetMap contributors, licensed under ODbL

well as Italian).² Previous research and etymological analysis have shown that a great majority of the loanwords used in the Čakavian variety of Betina are of Venetian origin (filipi_betinska_1997; skevin_etimoloska_2010). Croatians borrowed from the Venetians the objects and the corresponding words they needed to understand and sail the sea, to build boats, and to cultivate wine and olives, thus creating their semiotic space. The borrowed words naming these everyday needs and ways of life became integral lexical forms and structures of the Čakavian Croatian Adriatic varieties.

This research concentrates on the case of Betina, though we claim that in fact it reflects the dialectal situation of many other small local varieties of central

² Dalmatic languages were spoken on the eastern Adriatic coast from the 9th until the 13th century in central Dalmatia, until the 16th century in Dubrovnik, and until the 19th century on the northeastern Adriatic island of Krk. Venetian, very often referred to as Colonial Venetian, was the *lingua franca* of the eastern Adriatic for many centuries. Its influence was the strongest between the early 16th and the late 18th century. After the fall of the Serenissima, Trieste became the centre from which spread a new Venetian variety – Triestine. At the beginning of the 20th century, especially during the First World War, began the expansion of the Italian language, which lasted until the Second World War.

Dalmatia. As shown in Figure 1, Betina is situated on the island of Murter, which stretches in a northwest-southeasterly direction in the Adriatic Sea, in central Dalmatia, Although situated on an island, we cannot define Betina as an isolated island community, but as part of the Adriatic coast, since it is connected to the mainland by a bridge. The bridge makes it easily accessible and was one of the key factors for the community's rather early development of tourism, which started in the 1960s (kulusic murterski 1984). Betina, the smallest of four villages (the others are Tisno, Jezera and Murter), is situated on the northeastern side of the island. It developed on the edge of the Murter-Betina fertile zone, which extends close to the sea (see Figure 1). The position itself explains the population's extensive orientation towards agriculture in the past (skracic otok 2010). The main economic activities in Betina in 1971 were agriculture, fishing, and the building of traditional wooden boats. Agriculture was the primary activity of most villagers and a source of income because the inhabitants produced fruits and vegetables, olive oil, and wine for sale and for their own needs, whereas fishing served mostly to satisfy the dietary needs of every household. Before the Second World War, there were numerous small private shipyards, which in 1948 were merged into one (filipi betinska 1997).³ In 2014, besides the main shipyard, there are two smaller ones. Table 1 represents the percentage of the population of Betina working in different economic sectors in the years 1971 and 2001 (skracic otok 2010).

Table 1: Percentage of the population of Betina employed in different economic sectors in the years 1971 and 2001 (skracic_otok_2010).

Economic sector	1971	2001
agriculture, fishing	38%	21%
industry (wooden boat building)	30%	18%
service (tourism)	9%	45%
public sector	0%	6%
people working abroad	20%	8%

There was a noticeable decline in the primary (agriculture and fishing) and secondary (industrial) sectors, as well as an increase of 36% in the tertiary sector

³ In 1926 there were one large and nine small shipyards. Betina's shipyards covered a total of 11,200 square meters, which was greater than the total surface area of shipyards in the rest of Northern Dalmatia, which was 10,330 square meters. In 1930, ten private shipyards were registered in Betina. The 1930s marked the beginning of a crisis in the sector of traditional wooden boat building (filipi_betinska_1997).

ofthe Table 2: Decrease number people of living in Betina from 1971 2011 (skracic otok 2010 and to drzavni_zavod_za_statistiku_republike_hrvatske_1)

Year	1971	2001	2011
No. of inhabitants	988	774	697

(tourism), during the period between 1971 and 2001. The population's reorientation to the tertiary sector of the economy led to the abandonment of arable land, excessive urbanization, and the degradation of the natural and cultural identity of the island. As a consequence of these social changes, the dialectal identity of Betina's population changed as well. Besides that, as Table 2 shows, the population of Betina has dropped by almost 30% in the last four decades.

3 Methodology and hypothesis

This study focused on a collection of words of mostly Romance origin, and it involved interviews conducted by the present author (an in-group researcher) with seven young adult speakers (ranging in age from 22 to 40) living in the village of Betina on the island of Murter in central Dalmatia. The questionnaire consisted of 70 lexemes. This collection is a small subset of a much wider corpus collected and registered during interviews with older speakers between the ages of 50 and 90 conducted in Betina during the years 2008, 2009 and 2010 (skevin_etimoloska_2010). The lexemes were chosen so that they would belong to different spheres of life: household, maritime and fishing, viticulture and olive cultivation, folklore and church. These are (or at least used to be) very important aspects of the life and culture of Betina.

This study concerns intergenerational variation mainly in connection with the social context of variation and change. It is expected to confirm a hypothesis that in Betina, particularly in the vocabulary of young speakers, the Romance elements are disappearing for two reasons:

- 1. as a consequence of the local variety's convergence toward the Supraregional Dalmatian Dialect (SRDD) and toward Standard Croatian (SC)
- 2. as a consequence of the disappearance of human practices and utilitarian objects that once had an important role and which used to create very

specific and distinctive semiotic spaces.

Since a language or a dialect can function only in interaction with its semiotic space, changes in that space should lead to language change.

4 Sociolinguistic and semiotic approach to dialect levelling

The results presented in Table 3 suggest that there is a pattern which determines the speakers' knowledge and usage of the variants. The least-known variants (numbers 1-34, with the exception of the variant gvantijera 'a tray') refer to referents or concepts that have lost importance in the daily life of Betina (e.g., batusić/batusigaj 'an inside, hollowed-out part at the bottom of a well where water gets trapped', gaštaldo 'a person who helps the priest in the church', štiva 'the interior part of a boat under the bow') or whose referent is not in use any more (e.g., bujo(l) 'a wooden bucket held on traditional Dalmatian boats, used to remove sea water', burača 'a leather sack for keeping wine', dumplir 'a wooden candlestick carried during a funeral'). The second group of variants (from number 35 onwards), which the users know better and use more often, mostly, but not always, name referents or concepts whose function in everyday life has not changed. These include words that, for example, refer to household objects (such as prsura 'a frying pan', kočeta a bed', škabelin 'a nightstand', čikara 'a mug'). In this second group, though, there are also variants that name objects whose function in the daily life of Betina has changed. For example, variants like *škohuni* 'type of shoes worn during work in the fields', bukara 'a large wooden wine cup', brganja 'a type of a fishing tool', kajin 'a round metal vessel used for washing clothes', pičona 'a metal cup with a handle' name objects that are out of use, whereas burtižati 'to sail into the wind', paj 'a scoop used for throwing sea-water out of a boat' and rehud 'a sudden, brief gust of wind' name referents or concepts whose role in the daily life of Betina has become less prominent. These results suggest that, contrary to the anticipated hypothesis, a change in the semiotic space does not always lead to dialect change. They also show that in some cases there is a divide between familiarity with a variant and its actual use. For example, all speakers know the meaning of the variants bruncin and kočeta. However, all of them also declare that they do not use them in any communication situation. In this article we propose two approaches to the challenges of dialect levelling: a sociolinguistic approach, which concerns changes in the use of variants in different social contexts, and a semiotic approach, which concerns change in the way

of life of the community and the transformation of its semiotic spaces.

5 Salience of Romance loanwords

Etymological analysis has revealed that all of the lexical variants listed in Table 3 are of Romance origin, besides kopanja and soha, which are of Slavic origin, while the origin of the variant *dumplir* is not clear. A systematic approach to the research of Romance loanwords is essential for three reasons. Firstly, they are integral lexical forms and structures of the Čakavian Croatian Adriatic varieties. Secondly, they are a cultural and a linguistic specificity of Betina and of other Čakavian varieties. Thirdly, they, as primary semiotic systems, name everyday needs and ways of life, thus creating and reflecting the cultural and social distinctivness of Betina and of wider Dalmatian semiotic spaces. All of these characteristics make them an expression of the Čakavian language, regional and cultural identity. In some cases, it is not possible to decide whether a dialect feature is salient or not, but in our case it is the variants' Romance origin that makes them overtly stigmatised in comparison with standard Croatian (e.g., prsura 'a frying pan' as opposed to SC tava; tangati 'to dye, such as fishing-nets, clothes', as opposed to SC bojati; čikara 'a mug' as opposed to SC šalica). Some of the Betina examples can be considered stigmatised in comparison with their equivalent SRDD Romance variants as well, such as loštijera 'a baking tray' as opposed to the more common variant roštijera or to the SRDD padela, or škabelin 'a nightstand' as opposed to the more common kantunal. Their overt stigmatisation in comparison with their SC or SRDD lexical variants makes them more liable to change, jutronic spliski 2010 claims that the dialect levelling of Čakavian varieties is mostly caused by the fact that those dialect features which a speaker of a standard or of a dialect variety perceives as socially stigmatised or salient (that is, as some kind of error) first disappear from a dialect. As a rule, stigmatised and salient features disappear faster, while features that are less stigmatised and less salient last longer. Romance loanwords are perceived as markers of geographical differentiation, often in connection with stereotypes, but also as markers of geographic affiliation, when it can play a role in the process of linguistic accommodation among young adult speakers (see auer study 2004). The dialect convergence of the Betina variety towards broader regional dialect varieties or standard Croatian implies the abandonment of Betina features (such as lexemes or accentuation). Thus, dialect levelling in Betina can be manifested in phonetic/accent levelling and in lexical levelling, which concerns the reduction of intrasystemic-especially quantitative lexical-variation.

Table 3: Vitality of lexical variants

	lexeme	exeme meaning		nts who e word's	informants who use the word	
			n	%	n	%
1	brganjaš	'the wind that favors bottom trawling with a <i>brganja</i> '	0	0	0	0
2	bujo(l)	'a wooden bucket held/kept on traditional Dalmatian boats, used to remove sea water'	0	0	0	0
3	goče	'a part of a fishing net'	0	0	0	0
4	koslata	'a type of a barrel vertically placed on a trailer'	0	0	0	0
5	tinac	'a type of a vessel similar to mastač, but smaller and without handles'	0	0	0	0
6	batusić/ batusigaj	'an inside, hollowed-out part at the bottom of a well where wa- ter gets trapped, so there's wa- ter even when the well is almost empty'	1	14.28	0	0
7	burača	'a leather sack for keeping wine'	1	14.28	0	0
8	dumplir	'a wooden candlestick carried during a funeral'	1	14.28	0	0
9	gaštaldo	'a person who helps the priest in the church'	1	14.28	1	14.28
10	komoštra	'one of the metal rings of the chain used to hang pots over the fire'	1	14.28	0	0
11	murtar	'a stone container used for stor- ing olive oil. It comes in differ- ent sizes'	1	14.28	1	14.28
12	taraban	'a church custom that consists in making lots of noise by strik- ing an object with one's hands or with a stick'	1	14.28	0	0
13	štiva	'the interior part of a boat under the bow'	2	28.57	2	28.57
14	butarga	'fish eggs'	2	28.57	1	14.28
15	baraškada	ʻa small sea storm'	2	28.57	1	14.28

	lexeme	meaning	informan knew the meaning	word's	informants who use the word	
			n	%	n	%
16	brenda	'a flat wooden vessel carried on	2	28.57	0	0
		one's back or on a donkey, used				
		for the transportation of grapes'				
17	buklija	'a flat wooden wine container'	2	28.57	0	0
18	kopanja	'a wooden vessel used for knead-	2	28.57	2	28.57
		ing dough'				
19	maškul	'an iron part of a steering wheel'	2	28.57	1	14.28
		(filipi_betinska_1997)				
20	šijun	'a squall, a sudden, strong and	2	28.57	1	14.28
	1.11 × . /	sharp increase in wind speed'		40.05		40.05
21	hildošpanja /	'wrapping nylon thread (used in	3	42.85	3	42.85
	fildošpanja	fishing)'		40.05		40.05
22	bava	'a very small gust of wind which	3	42.85	3	42.85
00	,	you can hardly feel'			•	0
23 24	gvantijera konistra	'a tray'	3	42.85 42.85	0	0 42.85
		'a type of a wicker basket' 'a thick wooden post around	-		-	
25	mankul	which a mooring rope is tied	3	42.85	0	0
		(there are usually two, one on				
		each side of the boat)'				
26	ogrica	'a shirt, part of the national cos-	3	42.85	3	42.85
	08/1011	tume'		12.00	Ü	12.00
27	soha	'boat oar holder made of wood'	3	42.85	3	42.85
28	škapular	'an image of a saint held around	3	42.85	3	42.85
	T	the neck or sewn onto clothes'				
29	zmorac	NE	3	42.85	2	28.57
30	lustra	'fish scales'	4	57.14	2	28.57
31	kaca	'a wide wooden vessel used for	4	57.14	0	0
		the transportation of grapes'				
32	karutula	'a type of braided cake made for	4	57.14	4	57.14
		children at Easter'				
33	koha	'a type of a wicker basket, flat	4	57.14	4	57.14
		and rounded'				
34	lebić	'a type of SW wind'	4	57.14	2	28.57
35	burtižati	'to sail into the wind'	5	71.43	5	71.43
36	bušt	'a red vest, part of the national costume'	5	71.43	5	71.43
37	dekmar/	'a small anchor-shaped object	5	71.43	5	71.43
	drkmar	used to grab and lift a bucket out				
		of a well or a fishing net out of				
		the sea'				

	lexeme	xeme meaning		ts who word's	informants who use the	
			meaning	%	wor	a %
			n			
38	риса	'a stone frame or a kind of a small wall around a well'	5	71.43	4	57.14
39	bruncin	'a large cylindrical pot with han- dles (in the past it hung above the fire)'	6	85.71	0	0
40	dontrina	'religious education'	6	85.71	0	0
41	herijada	'a small barred window'	6	85.71	0	0
42	kandelir	'a candlestick used in church'	6	85.71	6	85.71
43	kurenat	'sea current'	6	85.71	4	57.14
44	lehunara/	'a type of a small fishing net in	6	85.71	6	85.71
	lohunara	the form of sack on a long stick'				
45	mastač	'a type of a vessel with handles used for squeezing grapes and for wine making'	6	85.71	6	85.71
46	mašte	'a type of a deep plastic ves- sel, mostly used for washing clothes'	6	85.71	6	85.71
47	paj	'a (usually wooden) scoop used for throwing sea-water out of a boat'	6	85.71	6	85.71
48	pot, potić	'a smaller metal bowl with a handle'	6	85.71	6	85.71
49	škohuni	'type of shoes worn during work in the fields'	6	85.71	6	85.71
50	tangati	'to dye, such as fishing-nets, clothes'	6	85.71	5	71.43
51	trmuntana/ tremuntana	'a northern wind'	6	85.71	5	71.43
52	bukara	'a large wooden wine cup'	7	100	7	100
53	gučica	'undershirt'	7	100	7	100
54	brganja	'a type of a fishing tool used to collect different kinds of seashells by dragging it across the sea floor'	7	100	7	100
55	bublija	'a round Easter cake, a type of sweet bread'	7	100	7	100
56	čikara	ʻa mug'	7	100	7	100
57	hrtuna	'a very strong and sudden storm'	7	100	7	100
58	intimela	ʻa pillowcase'	7	100	7	100

	lexeme	exeme meaning	informants who knew the word's meaning		informants who use the word	
			n	%	n	%
60	kamara	ʻa bedroom'	7	100	0	0
61	kamenica	'a large stone container used to store olive oil'	7	100	7	100
62	kočeta	ʻa bed'	7	100	0	0
63	loštijera	ʻa baking tray'	7	100	7	100
64	pajoli	'each of the wooden boards that cover the floor of a boat'	7	100	7	100
65	pičona	'a metal cup with a handle'	7	100	7	100
66	prova	'a bow'	7	100	7	100
67	prsura	'a frying pan'	7	100	7	100
68	rehud	'a sudden, brief gust of wind'	7	100	7	100
69	škabelin	ʻa nightstand'	7	100	7	100
70	torkulati/ trkulati	'to produce olive oil or wine'	7	100	7	100
		Average %		61.42		48.16

6 Linguistic accommodation among young adults

So far, the research undertaken in Betina has shown that young speakers are influenced by the current process of globalisation and language homogenisation (mostly through schools, media, and tourism) and that they use and know significantly fewer Romance loanwords than older speakers. The results of a study done in 2011 (skevin_izmedu_2012)⁴ show a significant decline in the use of Romance loanwords.

The results of the interviews held in 2014 have confirmed the decline in the knowledge and use of the Romance lexical variants. They have shown that 7 interviewed speakers between the ages of 22 and 40 know 61.42% and use 48.16%

⁴ This study, conducted in 2011, involved questionnaire-based interviews with 21 speakers living in Betina and belonging to four different generational groups. The questionnaire contained a collection of 100 words of Romance origin, and the informants were asked whether they knew the meanings of the words. The study confirmed that in Betina, particularly in the vocabulary of young speakers, Romance elements are rapidly disappearing.

⁵ Both percentages are relative and used for illustrative purposes only because the complexity of speakers' answers cannot be simplified and displayed in numbers. Sometimes they would claim that they would use the variant if they've seen the object that is no longer in use; sometimes they would say that they would use it only in specific situations or only with other speakers of

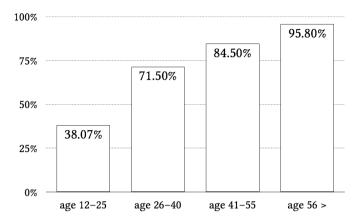


Figure 2: Knowledge and use of Venetian loanwords vs. age of informants (skevin izmedu 2012).

of the words from the questionnaire. The speakers of the Betina dialect in some cases claim to avoid a number of lexical variants, as shown in Table 4. Even though 6 out of 7 speakers know the meaning of words like *bruncin* 'a type of a cooking bowl', *dontrina* 'religious education' and *herijada* 'a small window', they also say that they would never use them in a conversation with speakers of either their own or of another dialect variety because, according to them, these words are rare or no longer used. For the same reason, they claim not to use words like *kamara* 'room' and *kočeta* 'bed'. This means that these Betina variants have already been replaced by SC or SRDD variants. As far as the variants *gučica* 'undershirt', *intimela* 'pillowcase', and *trkulati* 'to produce olive oil' are concerned, they would use them only in conversations with speakers from Betina. This means that, over time, these variants are also likely to be replaced by SRDD or SC expressions.

On the other hand, there are variants (which are listed in Table 5) that can also be considered salient because they are used only in the Betina dialect (e.g., lohunara/lehunara) or only in the varieties of the island of Murter (e.g., bublija). Still, the speakers claim that they use them in communication with speakers of other varieties. It is unlikely that the speakers are not aware of their markedness, so we can presume that, for some reason, these variants signal the speaker's identity as a member of a group (chambers_dialectology_2004).

the Betina dialect. In either of these cases, we would mark their answer as if they had claimed that they use it in all social contexts and situations.

Table 4: Examples of intrasystemic quantitative reduction as a consequence of a convergence toward SRDD and toward SC.

Betina lexical		No. of informants of the seven interviewed who know the	No. of informants of the seven interviewed who claim to	SRDD	SC		
variant	Meaning	meaning	use the word	variant	variant		
Variants tl	nat have alrea	dy been replaced	by an SRDD or S	C variant			
bruncin	'a type of cooking bowl'	6	0	-	lonac		
dontrina	'religious education'	6	0	-	vjeronauk		
herijada	ʻa small window'	6	0	ponistr(ic)a	_		
kamara	ʻa roomʻ	7	0	_	soba		
kočeta	ʻa bedʻ	7	0	posteja	_		
Variants that the speakers use only in conversations with speakers of the Betina dialect. In conversations with other speakers they use either the SRDD or the SC variant gučica 'an under- 7 7 kanotijera potkošulja shirt'							
intimela	'a pillow- case'	7	7	-	jastučnic		
trkulati	'to produce olive oil'	7	7	napraviti ulje; (u)činiti uje	-		

Table 5: Examples of divergence

		No. of informants of	No. of informants of the seven interviewed who claim to use the word
		the seven	with speakers
Betina		interviewed	of their own
lexical variant	Mooning	who know the	and of other varieties
Varialit	Meaning	meaning	varieties
lehunara/	'a type of a small fishing	6	6
lohunara	net in the form of sack on a long stick'		
bublija	ʻa round Easter cake, a	7	7
	type of sweet bread'		
čikara	ʻa mug'	7	7
loštijera	ʻa baking tray'	7	7
prsura	ʻa frying pan'	7	7
škabelin	'a nightstand'	7	7

7 Semiotic space as the space of identity

Objects that seem to be merely utilitarian are often part of a particular space; they signify and issue messages about the society's priorities, ways of life, culture, and traditions (see hawkes_structuralism_2004). Each utilitarian object, such as brganja, lohunara, hildošpanja, karutula and pot acknowledges the way people used to organize their lives and the way they structured their social and cultural identity. Brganja, lohunara and hildošpanja issue presuppositions concerning inhabitants' adherence to fishing and to the sea. Karutula 'a type of braided cake' was traditionally prepared for children at Easter. As an additional gift, one whole egg would be baked inside the cake on the bottom end of the cake. Also, pot is not merely 'a metal container with a handle' out of which people used to drink, but the manifestation of a custom to make bevanda (red wine with water) and to pass it around the table so that everyone could drink out of

the same *pot*. The meaning of an object is largely attached to its function, its utility in relation to the repertoire of human needs (moles_theorie_1972); that is, as soon as there is a society, every usage is converted into a sign of itself (barthes_elements_1968). In this work we use the Lotmanian term of semiotic space to refer to all aspects of human existence and to stress that external factors, such as culture, society, fishing, wooden boat building, and ways of earning money or getting food, can acquire semiotic meaning. In Lotman's words, they influence the consciousness of man only when they have corresponding signifiers to name them because "for human thought all that exists is that which falls into any of its languages" (lotman_culture_2009). This means that, even if some social or cultural aspects of Betina still exist, if the speakers don't know the signifiers to name these aspects, it is as if they did not exist, which means that the local identity and distinctiveness are lost to their thought. It also works the other way around: if the cultural and social aspects are lost, it won't take long for the signifier, emptied of its signified, to be lost as well.

8 Changes in semiotic space *vs.* the reduction of intrasystemic variation

In the case of dialect levelling caused by the linguistic accommodation of speakers, the replacement of dialect variants with SRDD or SC variants occurs. In the case of dialect levelling caused by changes in the semiotic space, no such replacement occurs because the object or a human practice that has been lost doesn't need a new signifier. Nonetheless, dialect levelling still occurs because there is a reduction in intrasystemic variation, which leads to simplification, homogenization and the levelling of a dialect variety and of its cultural and local distinctiveness, making it more similar to a supra-regional or standard variety.

Changes in semiotic space are parallel to changes in human needs and praxis, and can be analysed from three standpoints:

- 1. the complete disappearance of utilitarian objects that used to be very effective sociocultural signs
- 2. the loss of an object's utilitarian and functional importance in everday life
- 3. the transfer of such an object from one semiotic space to another.

These are three hypothetical reasons that supposedly cause the loss of intrasystemic quantitative variation as a consequence of change in a semiotic space. To

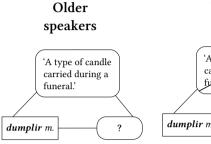
illustrate these points and to show our interest in the cognitive effect on the interpreter, the variants and their referents are represented through Peirce's semiotic triangle. The semiotic triangle begins with an understanding of the sign as the primary element of any semiotic system. Strictly speaking, semiosis, and not the sign, is the proper object of semiotic study. The realization of a semiological sign in a communication process depends on the interlocutors, on the objects, and on the context in which the communication occurs. In this case, the analysis of the communication process is relevant both to the addresser and to the addressee.

8.1 The disappearance of utilitarian objects

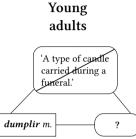
It is common knowledge that very often a word survives even though the object it represents has disappeared, which is the case with the word *dumplir*. All of the older speakers who participated in the 2008, 2009 and 2010 interviews knew its meaning, while only one of the young speakers was familiar with its meaning.

8.2 The loss of an object's utilitarian and functional importance in everyday life

Table 1 shows that in Betina the traditional wooden boat building sector decreased by 12% in the period from 1971 to 2001. The same happened to agriculture and fishing, which in the same period decreased by 17%. These trends lead to a loss of importance in these human practices and consequently of the utilitarian objects affiliated with them. They also affect the general familiarity of speakers with other topics of conversation, such as the weather, the winds, the behaviour of the sea, the points of the compass, fishing tools, boat-building tools, and boat parts. Consequently, they also affect the speakers' recognition and awareness of the signifiers. For example, young speakers know the terms for some of the most prominent parts of a traditional boat (e.g., prova 'bow' or pajoli 'wooden floor of a boat'), but they are uncertain when asked about less prominent and smaller parts, such as mankul 'a thick wooden post around which a mooring rope is tied' or *maškul*, *soha* or *štiva*. In the case of *mankul*, 3 out of the 7 speakers interviewed guessed that it was something on a boat but could not identify the exact referent. Why should they know these words? someone might ask. Because they used to be, and on paper still are, signs that create the semiotic space of Betina, whereas today they belong to very specialized semiotic spaces whose language is accessible only by those who work in that field. Just as people live nowadays with their tablets, computers, and smart-phones, people in Betina, only a few decades ago, used to live with the sea and their boats. This is in fact what Lotman refers



Dumplir 'a wooden candlestick carried during a funeral' is not in use anymore, although the older speakers still have a mental picture of it in their minds and are able to describe it.



Over time, there will not be any speakers who can describe it (unless it has been described in some written text such as a dialectal glossary).

Loss of the lexical variant 'A type of candle carried during a fureral.'

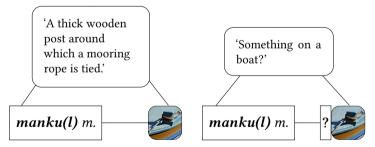
dumplir m.

When an object has disappeared, the addresser the and addressee cannot communicate, the object as a semiological sign cannot have any cognitive effect on the addressee, and it is no longer possible to close the circle of semiosis by finding exclusively the same interpretant at both ends of the communication process. Meaning without communication is not possible, so, over time, the word disappears as well.

Figure 3: Loss of intrasystemic quantitative variation.



Figure 4: A mankul.



- (a) Older speakers can identify (b) Young speakers suppose that it without any problem the referent as 'a thick wooden post around which a mooring rope is tied'.
 - is something on a boat, but cannot identify the referent.

Figure 5: Restriction of the number of users.

to as a secondary modeling system interwined with a primary modeling system, that is, with a natural language. The different substructures of the semiosphere are linked in their interaction and cannot function without the support of each other. (Lotman 1985 [2015]: 219).

This analysis has shown that speakers know 53.05% of the words that name objects and concepts that have lost importance in everyday life in Betina. This means that there is still some adherence to the traditional and that the identity of Betina is still recognized in some traditional crafts, although the average speaker's knowledge of words does not always keep pace with this identity projection. To this list belong the names of parts of the National costume (bušt, ogrica), parts of some fishing tools (hildošpanja/fildošpanja), fish parts (lustra, butarga), or the names of the winds and sea storms (brganjaš, baraškada, šijun). There are also variants whose meanings are more well known, which can be explained by the fact that they also belong to the lexis of SRDD (e.g., trmuntana/tremuntana) or by their semantic transparency (e.g., kamenica, mastač).

8.3 The transfer of an object from one semiotic space to another

8.3.1 The resemantization and refunctionalization of traditional utilitarian objects

Brganja is a Venetian loanword par excellence. To this day, it has always had a very imporant role in the everyday life of Betina. The fact that, through the centuries, new words were formed by adding Croatian endings to the original Venetian form bragagna testifies to the importance of its uses in the past. For example, the verb brganjati, meaning to collect sea shells with this tool', or the name of the wind brganjaš, which favors bottom trawling with a brganja. With





Figure 6: A brganja (l.) and a vrša.

the birth and development of tourism, a new expression, *Dan Brganje* (Brganja Day) has also been coined. This is the name of a festival celebrated in Betina every summer on the first Sunday of August. Today, the use of this fishing tool is forbidden. Still, *brganja* is one of the most vital fishing terms in Betina, and all of the interviewed speakers knew the word.

This is an example of the extension, or rather, the commercialization of the meaning, since *brganja*, removed from its original semiotic space, that of a fishing tool, has produced a new one, closer to and more appropriate for today's society and economy, which is oriented mostly toward tourism and no longer toward fishing. Trudgill explains this phenomenon in the following way:

The remaining variation, i.e. the forms that are not removed during koineisation... will tend to be re-assigned according to certain patterns. This reallocation can cause variants to take on a specialised linguistic (allophonic) or extra-linguistic (social, stylistic, or geographical) function. (1986: 110-126 in auer study 2004)

There are other examples of semantic extension, such as the variant *škohuni*, which used to refer to a type of shoes, usually made of rubber and rags, worn to work in the field, whereas today, young speakers, besides the original meaning, also know a metaphoric one, i.e., 'cumbersome, usually old and not very elegant shoes'.

8.3.2 The aestheticisation and refunctionalization of traditional utilitarian objects

A change in the utilitarian value of the objects, through their aestheticisation and refunctionalisation as decorative items or objects primarily used to re-evoke tradition, can cause a shift in the stylistic meaning of the variants such as in the case of the use of traditional cups and dishes (*pot*, *potić*, *pičona*, or *bukara*) or of different kinds of baskets and vessels (*koha,konistra*, or *kopanja*).

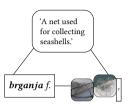
The refunctionalization of the objects listed in Table 6 consists in using them as decorative or even utilitarian items in traditional restaurants, hotels, and houses for rent. Their purpose is to re-evoke tradition and old customs such as kneading dough in a *kopanja* or serving wine in a *bukara*. They still serve a purpose by means of their traditional utilitarian function being switched to a new aesthetic function: to attract tourists in a changed context and in a changed economy that today relies on tourism up to 45% (as illustrated in Table 1). Thanks to these processes, some of the variants, like *bukara*, *pot*, and *pičona*, by taking on a new social and stylistic function, are better known to the speakers.

Older speakers



This is a triadic relation formed in the mind of an older speaker but not in the minds of the young informants. This word has a different effect on young speakers.

Young adults: semantic extension



This is a triadic relation formed in the mind of a young speaker. The second element of Peirce's semiotic triangle, the thing signified or referential object, varies. Five out of seven speakers are unsure about the correct referential object; they either describe another fishing tool, or they don't know how to describe it. But all of them, without exception, know its function. Thus, communication is still fulfilled at the pragmatic level.



Young speakers know this word thanks to the fact that the community of Betina has refunctionalized that is, it has changed its function and accordingly its semiotic space. This word traditionally signified a tool which for centuries was used by the inhabitants of Betina on a daily basis, mostly to get food. A few decades ago, new substance was attributed to this word: the value of tradition and of collective memory through the name of the festival Dan Brganje (Brganja Day).

Figure 7: Change in intrasystemic qualitative variation through resemantization and refunctionalization of the utilitarian objects.

Table 6: The	aestheticisation	i and ref	tunctional	ızatıon ol	objects

Lexeme	meaning	No. of informants of the seven inter- viewed who know the meaning	No. of informants of the seven inter- viewed who claim to use the word
bukara	'a large wooden wine cup'	7	7
pičona	'a metal cup with a handle'	7	7
pot, potić	'a smaller metal bowl with a handle'	6	6
koha	'a type of a wicker basket, flat and round'	4	4
kopanja	'a wooden vessel used for kneading dough'	2	2

9 Conclusions

This study has confirmed that young speakers, when talking about familiar and everyday subjects, converge in their communication with speakers of other dialect varieties by eliminating salient lexical variants that they consider rare or "out of use" (*kamara*, *kočeta*). On the other hand, it has also shown that the informants diverge from their interlocutors by using lexical variants typical of island varieties (*bublija*) or of the Betina variety in particular (*lehunara/lohunara*). This indicates that young adults still want to be identified with their speech community and recognized as members of that group of speakers.

The study has also confirmed that a change in semiotic space can lead to quantitative or qualitative intrasystemic variation or to a reduction of the number of users.

A complete disappearance of objects causes a reduction in intrasystemic quantitative variation, i.e., a loss of lexical variants, which leads to cultural and dialect levelling. Therefore, a loss of referents will over time cause a loss of local variants such as *bujo(l)*, *dumplir*, *murtar*, *taraban*, and *škapular*.

There are cases in which, due to the object's refunctionalization, resemantization, or aestheticisation, no such loss occurs. It has proven that the transfer of objects from one semiotic space to another, when an object gets refunction-

alized, leads only to semantic change because of the extension of the meaning of the variants (*brganja*, *škohuni*). However, only a very small number of lexical variants belong to this group. If refunctionalization and resemantization does not occur, over time this will lead to a reduction of intrasystemic lexical variation, as well as cultural and dialect levelling.

The analysis shows that speakers know the meanings of 53.05% of the words referring to objects and concepts that still exist but have lost their utilitarian and functional importance in everday life (e.g., mankul, butarga, šijun, fildoš-panja/hildošpanja, burtižati). Since these words have ceased to be important to the wider speech community, this implies a restriction in the number of users and consequently, a loss of cultural and dialect diversity as well as cultural and dialect levelling.

Since the interviews and the analysis have shown that young adults in Betina converge and diverge in more or less the same number of situations and variants, this research has shown that changes in semiotic space (at least in the case of Betina) are in fact the most prominent reason for dialect levelling.

Naturally, with this change of approach we do not claim to have found all the reasons for dialect levelling. We just claim that this is another possible approach to understanding this phenomenon. On the contrary, in our corpora there are some lexical variants whose status in the lexis of the Betina dialect cannot be explained by means of any of the proposed approaches (i.e., the saliency factor, linguistic accommodation, or the loss of utilitarian objects and human praxis). For example, we could not find a valid answer to why the variant *gvantijera*, which refers to such an ordinary and everyday object as a tray is almost lost to the knowledge and usage of the young adults (3 out of 7 speakers know its meaning, but none of them uses the word), whereas *kajin* 'a round metal vessel used for washing clothes', a household object as well, but no longer in use, is very familiar to all the speakers, and all of them claim that they would use the word if they saw the object. This and many other questions on the future of dialects have yet to be answered and can be explained neither through the semiotic nor through the sociolinguistic approach.

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Name index

Abadía de Quant, Inés, 266	Berns, J. B, 66		
Abercrombie, David, 158	Berruto, Gaetano, 81		
Adank, Patti, 248	Berthele, Raphael, 80		
Alber, Birgit, 324	Bertolotti, V., 266		
Aldenderfer, Mark S., 232	Biber, Douglas, 84		
Allbritten, Rachael, 178	Bielenstein, August Johann Gottfried,		
Anders, Christina Ada, 80	79		
Anderwald, Lieselotte, 227	Bivand, Robert, 185		
Andres, Marie-Christine, 200	Blake, Barry J, 280		
Androutsopoulos, Jannis, 248	Blashfield, Roger K., 232		
Angkititrakul, Pongtep, 159	Boberg, Charles, 82, 86, 123, 160, 177,		
Archangeli, Diana, 316	179, 184, 185, 190, 191, 315,		
Ash, Sharon, 86, 123, 160, 177-179, 184,	319		
185, 190, 191, 315	Boersma, Paul, 43		
Assmann, P. F., 315	Bouchard, Chantal, 17		
Auer, Peter, 3, 16, 17, 23, 37, 38, 41, 42,	Bourdieu, P., 278		
56, 59, 82, 116, 293, 302	Bright, Elizabeth, 191		
Azuma, Shoji, 308	Brockman, Irene M., 5, 218		
	Brun-Trigaud, Guylaine, 139, 145		
Babel, Molly, 248	Bucheli Berger, Claudia, 198–200, 210,		
Bailey, Guy, 27, 57	213		
Baker, Adam, 316	Budzhak-Jones, Svitlana, 24		
Barbiers, Sjef, 44, 45	Bybee, Joan L., 218, 227		
Barthes, Roland, 284, 297			
Baur, Siegfried, 323	Cacoullos, Rena, 23		
Bayerisches Statistisches Landesamt,	Cano Aguilar, Rafael, 264, 279		
91	Carignan, C., 316		
Becker, K., 315	Carpenter, Malinda, 247		
Bekkering, Harold, 248	Carver, Craig M, 177, 217		
Bell, Allan, 41	Catalán Menéndez-Pidal, Diego, 264,		
Belletti, Adriana, 68	279		
Bellmann, Günter, 103, 197, 198	Cattell, Raymond Bernard, 87		

Name index

Chambers, J. K., 1, 23, 78, 126, 176, Detges, Ulrich, 67 229, 267, 278, 294, 337 Devos, Magda, 44, 45 Chelliah, Shobhana L., 270 Dhillon, Inderjit S., 120 Cheshire, Jenny, 37, 310 Di Franco, Giovanni, 52 Childs, Becky, 270 Dossey, Ellen E., 248 Chomsky, Noam, 247 Drager, Katie, 178 Christen, Helen, 80 Državni zavod za statistiku Repub-Chumak-Horbatsch, Roma, 24 like Hrvatske, 287 Ciccolone, Simone, 323 Echenique Elizondo, Maria Teresa, 264, Clark, Wilma, 284, 297 279 Clopper, Cynthia, 85, 177, 178, 181 Eckert, Penelope, 310, 313, 397 Coco, Alessandra, 21 Elspaß, Stephan, 254 Coll, M., 266 Espinal, Maria Teresa, 69, 70 Corbett, Greville G, 265 Evans, Betsy, 177 Cornips, Leonie, 44, 45, 66, 67, 199 Evans, Bronwen, 178 Corrigan, Karen P., 199 Costa, Patrício Soares, 45 Falc'hun, François, 140-142 Costaouec, Denis, 138, 141 Farrington, Charlie, 176 Council of Local Authorities for In-Fidell, Linda S., 84 ternational Relations [CLAIR], Filipi, Goran, 285, 286, 290 309, 310 Fitch, William Tecumseh Sherman, 247 Coupland, Nikolas, 40 Fleischer, Jürg, 214, 253 Coursen, Charlotte, 17 Flynn, Patrick J., 232 Cucurullo, Nella, 121 Foley, W., 20 Cummins, James, 16 Fox, R. A., 315 Cysouw, Michael, 252 Frey, Natascha, 200 Fridland, Valerie, 175, 176, 179-184 Danesi, Marcel, 16, 18, 21, 22 Fruehwald, Josef, 315 Davidson, Lisa, 325 De Caluwe, Johan, 37-39, 42 Fuchs, Susanne, 324 Fukushima, Chitsuko, 365, 367 De Decker, P. M., 315, 316 De Decker, Paul, 29 Gabel, Heidi, 39, 42 de Reuse, Willem J., 270 Gao, Lili, 159 De Schutter, Georges, 44, 45 Garside, Roger, 229 De Sutter, Gert, 45, 50 Geeraerts, Dirk, 5, 45, 50, 51, 53, 85, De Vogelaer, Gunther, 38, 44, 45, 49 120, 175, 176, 185, 186 De Wulf, Chris, 44, 45 German, Gary, 138, 140 Delaere, Isabelle, 45, 50 Getis, Arthur, 185, 186, 208 Delarue, Steven, 40

Ghyselen, Anne-Sophie, 38, 39, 41, Giacomelli, Gabriella, 120, 125, 130, 218 Giannelli, Luciano, 125, 127 Giles, Howard, 41 Giovanardi, Claudio, 21 Girard, Dennis, 79 Glaser, Elvira, 198-200, 210, 214 Glück, Helmut, 101 Goebl, Hans, 5, 83, 141, 201, 217, 228, 232 Goeman, Ton, 44, 45 Gooskens, Charlotte, 177, 234 Goossens, Jan, 44, 45 Gordon, Matthew J., 376 Gries, Stefan Thomas, 51 Grieve, Jack, 5, 82, 85, 120, 175, 176, 180, 185, 186, 208, 227, 236 Grishakova, Marina, 284, 297 Grondelaers, Stefan, 38-40, 50, 51 Grosjean, François, 325 Gu, Chong, 317 Gualdo, Riccardo, 21 Guiter, Henri, 138

Haas, Walter, 212, 213
Haeseryn, Walter, 44
Hagoort, Peter, 248
Hansen, John HL, 159
Hauser, Marc D., 247
Hawkes, Terence, 296
Hay, Jennifer, 178
Heap, David, 266
Heemskerk, Josée S, 44
Heeringa, Wilbert, 37, 39, 43, 138, 228, 232
Henry, Alison, 199

Gynan, Shaw Nicholas, 159

Herk, Gerard van, 270
Hernández, Nuria, 229
Herrgen, Joachim, 103, 197
Hickey, Raymond, 3
Hinskens, Frans, 3, 16, 17, 23, 37–39, 43, 56, 59, 293, 302
Hirano, Keiko, 310, 311
Hondô, Hiroshi, 336
Horn, Laurence R., 70
Hotzenköcherle, Rudolf, 102, 106, 116, 198
Hudyma, Khrystyna, 22
Hueber, T., 316
Hundt, Markus, 80
Hvvönen, Saara, 84, 85

Iannozzi, Michael, 19 Ichii, Tokiko, 336 Inagaki, Shigeko, 348, 351 Inoue, Fumio, 336, 340, 341, 348 ISTAT (Istituto Nazionale di Statistica), 26 Iverson, Paul, 178

Jacewicz, E., 315 Jackson, Kenneth Hurlstone, 142 Jain, Anil K., 232 Jarvis, E. D., 247 Jekosch, Ute, 159 Jespersen, Otto, 67 Jutronić, Dunja, 293

Kambhamettu, C., 316 Kang, Yoonjung, 19 Kasai, Hisako, 336 Kasper, Simon, 214 Katz, W. F., 315 Kaufman, Terrence, 27 Kayne, Richard, 198

Name index

Kehrein, Roland, 43 Lauttamus, Timo, 238 Lebart, L., 51 Kendall, Tyler, 175, 176, 179-184 Kerswill, Paul, 3, 16, 17, 21, 23, 103, Lee, Jay, 176, 376 108, 116, 293, 302 Leino, Antti, 84, 85 Kilgarriff, Adam, 237 Leinonen, Therese Nanette, 85 Kleiner, Stefan, 1, 248 Lenz, Alexandra N., 3, 43, 82, 214 Kleiweg, Peter, 5, 217, 222, 228, 236 Leser, Stephanie, 254 Klepsch, Alfred, 106, 108 Le Dû, Jean, 137, 138 Kobayashi, Takashi, 335 Le Roux, Pierre, 140 Koch, G. G., 44 Li, M., 316 Kochetov, Alexei, 19 Liberman, M., 316 Kokuritsu Kokugo Kenkyûjo (NLRI), Lijffijt, Jefrey, 238 337, 338, 349 Llop, Ares, 70, 71 Kokuritsu Kokugo Kenkyûjo (NLRI), Lončar, Nina, 286, 287 335-337, 339, 350 Loporcaro, Michele, 119 Kretzschmar, Brendan A., 5, 218 Lotman, Juri, 6, 284, 297, 301 Kretzschmar, William A., 5, 80, 176, Löffler, Heinrich, 198 Lötscher, Andreas, 200 218, 376 Kristiansen, Gitte, 80 Macaulay, Ronald K. S., 278 Kristiansen, Tore, 38, 40 Mallinson, Christine, 270 Kroch, Anthony, 199 Manning, Christopher D, 217, 218 Kubozono, Haruo, 391-393, 395, 396 Markham, Duncan, 247 Kulušić, Sven, 286 Marradi, Alberto, 52 Kumagai, Yasuo, 339, 356-359 Martinet, André, 147 Kunath, Stephen A, 160, 162 Mase, Yoshio, 381 König, Werner, 85, 103, 106 Mathussek, Andrea, 4, 102, 109-112, Labov, William, 27, 28, 41, 80, 86, 123, 114, 115 160, 177–179, 184, 185, 190, Mayer, Benedikt, 248 Mayer, Thomas, 252 191, 265, 310, 315 Lakoff, George, 80 McDermott, Richard A, 314 Lameli, Alfred, 257 Menéndez Pidal, Ramón, 264, 279 Medda, Roberta, 323 Landis, J. R., 44 Language Factory, 22 Meltzoff, Andrew, 247 Lanthaler, Franz, 324 Meyerhoff, Miriam, 16, 25, 28 Lapesa, Rafael, 264, 279 Mielke, Jeff, 316 Lara, Víctor, 264, 268, 270 Milroy, Lesley, 310 Larmouth, Donald, 79 Mioni, Alberto, 323 Lasch, Alexander, 80 Mirkin, B. G., 51

Moles, Abraham A., 297
Mondéjar, Jose, 264, 279
Montemagni, Simonetta, 120, 124, 218, 220
Montgomery, Chris, 201
Moore, M. Keith, 247
Moran, P. A. P., 185
Moseley, Chris, 137
Munske, Horst Haider, 4, 102
Murty, M. Narasimha, 232
Myers-Scotton, Carol, 6
Möller, Robert, 254

Nagy, Naomi, 16, 19, 25, 28 National Language Research Institute, 365

Nerbonne, John, 2, 4, 5, 79, 83, 85, 109, 111, 119–123, 138, 158, 160–162, 172, 176, 201, 217, 219, 222, 228, 232, 234, 236, 238

Neuhauser, Sara, 248 Niedzielski, Nancy, 5, 69, 177, 178 Nycz, J. R., 315, 316 Nádasdy, Ádám, 166, 171 Nübling, Eduard, 87

Ogura, Mieko, 108 Ohashi, Katsuo, 367 Onishi, Takuichiro, 366, 382, 388 Ord, J. Keith, 185, 186, 208 Ota, Ichiro, 394

Paolillo, John C., 85 Pellegrini, Giovanni Battista, 125, 127 Penny, R., 264, 279 Petkov, C. I., 247 Petrova, Olga, 167 Pickl, Simon, 85, 86, 93, 119 Pisoni, David, 177, 178, 181 Plevoets, Koen, 40, 45, 50, 51 Plichta, Bartek, 178, 315 Poggi Salani, Teresa, 130 Poletto, Cecilia, 66, 67 Powesland, Peter Francis, 41 Preston, Dennis, 69, 80, 177, 178 Prinz, Wolfgang, 247 Prokić, Jelena, 4, 83, 158, 160, 161 Pröll, Simon, 85, 86, 119 Purschke, Christoph, 6, 248 Pustka, Elissa, 80

Recasens, Daniel, 328
Reed, Carroll E., 191
Reed, David W., 191
Reichel, Sibylle, 109
Richter, Matthias, 256
Riemann, Andreas, 248
Rifkin, Benjamin, 159
Rigau, Gemma, 67, 72
Roberts, Ian G., 67, 69
Rosch, Eleanor, 80
Rosenfelder, Ingrid, 315
Rumpf, Jonas, 236
Ryan, Ellen Bouchard, 158
Ryckeboer, Hugo, 49
Rys, Kathy, 42

Salmenkivi, Marko, 84
Samuel, Arthur G., 178, 179
Sanada, Shinji, 381–383, 387
Sanchís Guarner, M., 266
Sanders, Nathan C., 238
Satô, Ryôichi, 335, 351
Sayers, Dave, 9
Schaden, Stefan, 159
Scherrer, Yves, 238
Schilling-Estes, Natalie, 41, 267, 276
Schmidt, Jürgen Erich, 103, 197

Name index

Schmidt, Tanja, 43 Taeldeman, Johan, 37, 40, 42, 44, 45, Schneider, Edgar W., 16, 119 53 Schwegler, Armin, 67 Tagliamonte, Sali, 27, 236 Schwenter, Scott, 68 Takada, Makoto, 336 Schütze, Hinrich, 217, 218 Tanaka, Akio, 345 Seara, I. C., 278 Thieberger, Nick, 270 Sebregts, Koen, 169 Thomas, Erik R., 180 Segerup, My, 248 Thomason, Sarah Grey, 27 Seiler, Guido, 199, 205 Thompson, Ann, 121, 160, 218-220 Shackleton, Robert, 83-85, 120 Thorburn, Jennifer, 29 Sibata, Takesi, 359 Toda, Martine, 324 Sibler, Pius, 208, 209 Tokugawa, Munemasa, 335 Tomasello, Michael, 227, 247 Siedle, Christine, 232 Travis, Catherine, 23 Siegel, Jeff, 248 Smith, Nicholas, 229 Trevelyan, G. D, 278 Snyder, William, 314 Trudgill, Peter, 1, 3, 4, 16, 21, 23, 66, Soete, Nel, 57 72, 78, 126, 176, 229, 235, 267, Solliec, Tanguy, 138 278, 294, 308, 337, 376 Speelman, Dirk, 5, 50, 51, 85, 120, 175, Tse, Holman, 28 176, 185, 186 Upton, Clive, 121, 160, 218-220 Spettl, Aaron, 85, 119 Užgiris, Ina Čepėnaitė, 247, 250 Spiekermann, Helmut, 38 Spruit, Marco René, 5 van Bezooijen, Renée, 177 Statistics Canada, 16, 20 Van de Velde, Hans, 53 Stellmacher, Dieter, 43 van den Doel, Rias, 158, 159, 164, 168-Stoeckle, Philipp, 201 172 Stone, Maureen, 316, 325 Van Herk, Gerard, 29 Story, Brad H., 316 van Hout, Roeland, 38-40 Strand, Elizabeth A., 178 Van Keymeulen, Jacques, 39 Strange, Winifred, 180 van Marle, Jaap, 66 Strassel, S., 315 Vandekerckhove, Reinhild, 37-40 Struk, Danylo, 20-22 Vandenberghe, Roxanne, 44, 45 Stuart-Smith, J., 394 Vandenbussche, Wim, 42 Sumner, Megan, 178, 179 Verleyen, Geert, 44, 45 Szmrecsanyi, Benedikt, 84, 176, 218, 227-229, 231-234, 241 Walker, Douglas C, 166, 171 Séguy, Jean, 119, 138, 217 Walker, James A, 27 Waltereit, Richard, 67 Tabachnick, Barbara G, 84

Wang, W. S.-Y., 108

Waniek-Klimczak, Ewa, 158

Warren, P., 178

Weenink, David, 43

Weinberg, Beatriz Fontanella de, 266

Weinberger, Steven H, 160, 162

Wells, John C, 158

Wenger, Etienne, 314

Wieling, Martijn, 4, 83, 85, 119-124,

160-162, 172, 217-220, 236

Wiersma, Wybo, 238

Wiesinger, Peter, 78, 323

Wikipedia, 21

Willemyns, Roland, 37, 38, 40, 42

Wmffre, Iwan, 147

Wolfram, Walter, 267, 276

Wolk, Christoph, 6, 84, 228, 231, 236,

239

Wong, A. W., 315

Woolhiser, Curt, 119

Worner, K., 43

Wright, Susan, 103, 108, 116

Wälchli, Bernhard, 227

Yanagita, Kunio, 379

Yonekawa, Akihiko, 313

Yuan, J., 316

Zadeh, Lotfi A., 79

Zimmerer, Peter, 248

Zonneveld, Wim, 44

Çöltekin, Çağri, 4, 158, 160, 161

Čuka, Anica, 286, 287

Škevin, Ivana, 284, 285, 287, 293, 294

Language index

Breton, 137-156 Catalan, 65-74 Chinese, 20*, 20, 29, 159 Cantonese, 15, 17, 20-22, 24 Croatian, 283–307 Dutch, 37, 39, 40, 43, 44*, 45-47, 50, 52, 53, 55-58, 120, 157-160, 163, 164, 166, 168-171 Flemish, 39*, 36-65, 171, 250, 253, 259 English American English, 166, 168-170, 175 - 196British English, 168-170, 227-242 Faetar, 15, 19, 20, 24, 25, 27 French, 163-166 German, 77-118 Alemannic, 213, 250, 253 Hessian, 250, 252, 254, 255, 258 Low German, 250, 252, 253, 259 Swiss German, 200, 212 Tyrolean, 322-332 Upper German, 250, 260

Hungarian, 27, 157, 160, 163, 164, 166-

168, 172

Italian, 118-137

Tuscan, 120, 121, 124, 125, 127–
132, 217, 218, 221, 223
Tyrolean, 322–332
Venetian, 284, 285*, 285, 294, 301

Japanese, 307–315, 335–400

Korean, 15, 19, 20, 24, 27

Spanish, 263–283

Yiddish Eastern Yiddish, 250, 256, 257 Western Yiddish, 256

Subject index

19th century, 256-257

accent classification, 159
accent perception, 158, 168
accent transcription, 160
accentuation pattern, 392, 393
age differences, 236, 273–276
aggregated Levenshtein distance, 162
alignment, 252
animation, 352, 354*, 355, 357*
ANOVA, 183, 184
apparent-time changes, 365, 366
articulatory phonetics, 329
Atlas of North American English, 179,
191
audiovisual stimuli, 266

bilingualism, 323, 324, 393, 396 bipartite spectral graph partitioning, 82–83

bootstrap clustering, 79, 83 broadcasting media, 396, 397 buffer, 355 bundle of isoglosses, 126, 133

California vowel shift, 190 category, 78–79 changes in progress, 370 characteristic accent feature, 159–160, 170–172 chi-squared, 273, 276 cluster analysis, 51, 82, 83, 87, 93, 257

clustering, 219–221 code-switching, 307–309, 311, 313, 314 community of practice, 313, 314 comparative variationist linguistics, 23 completed changes, 368

concept-lexicalization pair, 121, 133
condensation, 84
conservative vs. innovative dialect
areas, 212–213
continuum, 78, 83
convergence, 287, 293, 295, 304, 305
core linguistic, 247
corpus-based dialectometry, 228–241
correlation, 234, 235, 238*, 239
correspondence analysis, 50, 51
cross-over points, 182
cue validity, 81

data elicitation, 266
de-dialectization, 399
de-standardization, 399
Delaunay triangulation, 356
demotisation, 40
density, 311
dental fricative, 164, 166
destandardisation, 40
diachrony, 249
diaglossia, 38
dialect area, 3, 82–84, 88, 93, 137
dialect areas, 154
dialect awareness, 69

Subject index

dialect border, 127	fictional language, 249
dialect classification, 93, 94	flap, 311, 312
dialect clustering, 120, 122, 127-129,	foreign accent, 158–163
131, 134	formation process of Japanese dialects
dialect continuum, 256	(FPJD), 380
dialect divergence, 15	forms of address, 281
dialect geography, 101	fortis/lenis neutralization, 169
dialect levelling, 6, 7, 288, 293, 297,	Freiburg Corpus of English Dialects,
304, 305	229
dialect loss, 38	fricatives, 328, 329
dialect perception, 248	fundamental dialectological postulate,
dialect radiation theory, 379	236, 237
dialect syntax, 198, 214	fuzzy clustering, 82
dialect type, 79–93	fuzzy set, 79–80
dialectal border, 366	Cohmon 100 115 1/2
dialectometry, 83, 85, 102-108, 137-	Gabmap, 109–115, 162
154, 158, 175-177, 180, 191, 228,	gender differences, 236
232, 242	generalized additive model, 236
diffusion, 368, 369	geographic information system (GIS),
diffusion route, 336, 341, 342, 348, 353	176, 201, 208, 340
diglossia, 38	geographical information systems (GIS)
distance matrix, 357	367, 376 geolinguistics, 365
distinctiveness, 122-123, 125, 127, 130,	georeferencing, 376
133, 160–161, 220	geospatial autocorrelation, 176, 180–
divergence, 296, 304, 305	186, 191
dynamism, 199, 212, 213	Getis-Ord Gi, 185–190, 192*, 208*, 208,
10.10.00	209
edit distance, 137–154, 162	granularity of dialectal areas, 127, 130,
educational level differences, 273, 277	133
emic, 80, 95	gravity model, 276
emphatic negation, 67–70	group phraseology, 313
emphatic particles, 71	group piliaseology, 313
English teacher, 308–313	heritage language, 15–30
ethnic orientation, 18, 27	hierarchical bipartite spectral graph
etic, 80, 95	partitioning, 120, 121, 219
factor analysis, 79–95	hierarchical clustering, 232, 233, 240
feature validity, 81, 87	hot spot analysis, 208, 210*
fiction, 256	I-language, 248
,	1-1a11guage, 440

image database, 338
importance, 123, 125, 130, 132, 220
indexical meaning, 397
informant's comment, 349–351
integrated research and teaching, 28, 30
interactive speaker-sample map, 30
internet survey, 251
interpersonal variation, 199
intrasystemic qualitative variation, 303
intrasystemic quantitative variation, 297, 299, 304
isogloss, 79, 101, 126, 127, 129, 130, 133

Jespersen's Cycle, 67

lexis, 248

k-means clustering, 122, 219 koinéization, 23

language acquisition, 247 language change, 198, 199, 214 language contact, 16, 27, 307-309, 313 language perception, 253 lay concepts, 253 layer, 79-84 layer model, 81 leveling, 23 Levenshtein distance, 137–154 lexical area, 123, 130, 132, 133 lexical change, 120, 130, 131, 134 lexical features, 119–121, 125–127, 129– 131, 133 lexical innovation, 370 lexical variable, 86 lexical variation, 86, 120, 133, 367, 369, 370 lexicon, 85

linear regression, 316, 317 linguistic accommodation, 293, 297, 305 linguistic change, 309 linguistic geography, 137–154 linguistic maps, 366, 367, 369, 376 localized system, 375 logistic regression, 273, 276, 395, 396, 398

mass media broadcasting, 397
Matlab, 316*
matrix language frame model, 248
metacorpus, 69
micro-syntax, 65, 67
microvariation, 198
minimiser, 67
morphological variable, 85
morphological variation, 85, 86, 369
morphology, 85, 87, 248
multi-dimensional scaling, 83
multiple answers, 335, 338, 348, 349, 351
multiple regression, 311, 312
multiplexity, 311

n-grams, 238*, 238, 239, 241, 242 natural stimuli, 248 nested isoglosses, 129, 130, 133 network representation, 356–358 network structure, 310 new dialect, 16–18 noisy clustering, 79, 83 non-native speakers of English, 311

optionality in grammar, 199 orality, 253

participant observation, 69

Subject index

parts-of-speech, 238, 242 representativeness, 121-123, 125, 127, past-tense negative verb suffix, 382-130, 133, 160-161, 220 386, 388 road network, 342*, 342, 348*, 358 Pearson correlation, 312 RuG/L04, 242 perceptual dialectology, 177 s-retraction, 324, 329 permutation, 238, 239, 241 saliency, 292-294, 304, 305 person disagreement, 281 Satzklammer, 256 phonetic variable, 85 schema theory, 80 phonetic variation, 86, 137-154 scripted conversation, 394, 397 phonetics, 85, 87 secondary modeling system, 283, 301 phonology, 248 segment, 160 pop culture program, 396, 397 self-assessment, 252 primary modeling system, 301 semiological sign, 284, 298 principal components analysis, 84, 184, semiosis, 298 186, 316 semiosphere, 284, 301 pronoun doubling, 253 semiotic space, 285, 287, 288, 292, 296pronunciation error hierarchy, 164 298, 301, 302, 304, 305 pronunciation teaching, 166, 171 semiotic triangle, 298 prototype theory, 80, 95 shibboleths, 158 Short-a, 315 qualitative analysis, 137–154 similarity, 354-357 qualitative methodology, 280 singular value decomposition, 122 quantitative analysis, 137-154 smoothing-spline ANOVA, 317 quantitative methodology, 270, 280 social meaning, 397 quantitative methods, 158, 168 social network, 307-313 rapid change, 384 sociolinguistic interview, 28 reading sentence, 394 sociophonetics, 324, 329 real-time, 380, 381, 384, 388 Southern vowel shift, 179, 190 real-time changes, 365 spatial autocorrelation, 208 real-time comparison of dialectal disspatial distance matrix, 185 tributions, 382 spatial pattern, 84 real-time interval comparison, 389 spatial weighting function, 185 real-time interval research, 366 Speech Accent Archive, 160 real-time research, 380 speech atlas, 102-115 regiolect, 3 speech errors, 171 regression modeling, 236 standard form, 335, 340-344, 354 regressive assimilation, 167 standard system, 375 standardisation, 281

standardization, 370, 375 standstills, 386 style-shifting, 41 superimposing maps, 367, 376 synchrony, 249 syntactic hierarchy, 268, 279, 280 syntactic theory, 199 syntactic variation, 198, 206, 208, 210, 212, 213 syntax, 248 tensing, 317-319 time-aligned transcription and integrated coding, 28, 30 tonal change, 392, 393, 395, 396 transcription, 101–115 transition area, 81 transportation, 342, 345, 353, 359 tussentaal, 39 typicality, 80 ultrasound, 316-317, 319 ultrasound tongue imaging, 325 ultraspeech, 316 usage data, 228, 242 variability, 249 variation index, 205-213 variationist sociolinguistics, 24, 25*, 27 variety, 81-91

verb doubling, 200 vowel reduction, 165 VRT-Dutch, 53, 55

word frequency, 218

The future of dialects

Traditional dialects have been encroached upon by the increasing mobility of their speakers and by the onslaught of national languages in education and mass media. Typically, older dialects are "leveling" to become more like national languages. This is regrettable when the last articulate traces of a culture are lost, but it also promotes a complex dynamics of interaction as speakers shift from dialect to standard and to intermediate compromises between the two in their forms of speech. Varieties of speech thus live on in modern communities, where they still function to mark provenance, but increasingly cultural and social provenance as opposed to pure geography. They arise at times from the need to function throughout the different groups in society, but they also may have roots in immigrants' speech, and just as certainly from the ineluctable dynamics of groups wishing to express their identity to themselves and to the world.

The future of dialects is a selection of the papers presented at Methods in Dialectology XV, held in Groningen, the Netherlands, 11-15 August 2014. While the focus is on methodology, the volume also includes specialized studies on varieties of Catalan, Breton, Croatian, (Belgian) Dutch, English (in the US, the UK and in Japan), German (including Swiss German), Italian (including Tyrolean Italian), Japanese, and Spanish as well as on heritage languages in Canada.

