

Comparing Slavic Comparatives

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Outline

Introduction

Positive degree

Comparative degree

Simple comparative adjectives

Complex comparative adjectives

Analysis

Ukrainian

Polish

Belarusian

Conclusions

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- Complex comparative adjectives

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- Ukrainian

- Polish

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Introduction: simple adjectives

	root	AGR	translation
UKR	čyst	yj	
BEL	čyst	y	'clean'
POL	czyst	y	

Introduction: simple adjectives

	root	AGR	translation
UKR	čyst	yj	
BEL	čyst	y	'clean'
POL	czyst	y	
UKR	doroh	yj	
BEL	darah	i	'expensive'
POL	drog	i	

Introduction: complex adjectives

	root	AUG	AGR	translation
UKR	xolod		yj	
BEL	xalod	n	y	'cold'
POL	chłod		y	

Introduction: complex adjectives

	root	AUG	AGR	translation
UKR	xolod		yj	
BEL	xalod	n	y	'cold'
POL	chłód		y	
UKR	korot		yj	
BEL	karot	k	i	'short'
POL	krót		i	

Introduction: complex adjectives

	root	AUG	AGR	translation
UKR	xolod		yj	
BEL	xalod	n	y	'cold'
POL	chłód		y	
UKR	korot		yj	
BEL	karot	k	i	'short'
POL	krót		i	
UKR	vys		yj	
BEL	vys	ok	i	'tall'
POL	wys		i	

Introduction

- ▶ morphology in Ukrainian, Belarusian, and Polish qualitative adjectives

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- ▶ morphology in Ukrainian, Belarusian, and Polish qualitative adjectives
- ▶ adjectives that are morphologically complex:
 - POS: root + AUG + AGR
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 - CMPR: root + CMPR + AGR
- ▶ 2 comparative allomorphs

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- ▶ morphology in Ukrainian, Belarusian, and Polish qualitative adjectives
- ▶ adjectives that are morphologically complex:
 - POS: root + AUG + AGR
 - CMPR: root + AUG + CMPR + AGR
 - CMPR: root + CMPR + AGR
- ▶ 2 comparative allomorphs
- ▶ 3 augments

Aims of this talk

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- ▶ to account for the allomorphy of comparative suffixes

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- ▶ to account for the allomorphy of comparative suffixes
- ▶ to account for the behaviour of augments in the comparative

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-n augment

-n augment

- ▶ very productive

-n augment

- ▶ very productive
- ▶ an adjectivizer

-n augment

- ▶ very productive
- ▶ an adjectivizer
- ▶ derives loan adjectives

Adjectives with *-n*: Ukrainian

Adjectives with *-n*: Ukrainian

noun	adjective	translation
xolod 'cold'	xolod- <i>n</i> -yj	'cold'
rozum 'mind'	rozum- <i>n</i> -yj	'clever'
*pov	pov- <i>n</i> -yj	'full'
*militar	militar- <i>n</i> -yj	'military'

Adjectives with *-n*: Belarusian

Adjectives with *-n*: Belarusian

noun	adjective	translation
volja 'freedom'	volj- <i>n</i> -y	'free'
huk 'sound'	huč- <i>n</i> -y	'loud'
*pou	pou- <i>n</i> -y	'full'
*dalikat	dalikat- <i>n</i> -y	'tactful'

Adjectives with *-n*: Polish

Adjectives with *-n*: Polish

noun	adjective	translation
barwa 'colour'	barw- <i>n</i> -y	'colourful'
głos 'voice'	głoś- <i>n</i> -y	'loud'
*jas	jas- <i>n</i> -y	'bright'
*subtel	subtel- <i>n</i> -y	'subtle'

- ▶ an adjectivizer

-k augment

- ▶ an adjectivizer
- ▶ less productive

-k augment

- ▶ an adjectivizer
- ▶ less productive
- ▶ rarely derives loan adjectives

Adjectives with *-k*: Ukrainian

Adjectives with -k: Ukrainian

noun	ADJ	translation
solod 'malt'	solod-k-yj	'sweet'
dzvin 'bell'	dzvin-k-yj	'resonant'
slyzj 'slime'	slyzj-k-yj	'slippery'
*bryd	bryd-k-yj	'ugly'

Adjectives with *-k*: Belarusian

Adjectives with -k: Belarusian

noun	ADJ	translation
solad 'malt'	salod-k-i	'sweet'
niz 'bottom'	niz-k-i	'low'
*bryd	bryd-k-i	'ugly'
*karot	karot-k-i	'short'

Adjectives with *-k*: Polish

Adjectives with -k: Polish

noun	ADJ	translation
słód 'malt'	słod-k-i	'sweet'
*blis	blis-k-i	'close'
*brzyd	brzyd-k-i	'ugly'
*krót	krót-k-i	'short'

-ok augment

- ▶ an adjectivizer

-ok augment

- ▶ an adjectivizer
- ▶ unproductive: only 4 adjectives

-ok augment

- ▶ an adjectivizer
- ▶ unproductive: only 4 adjectives
- ▶ doesn't derive loan adjectives

Adjectives with *-ok*: Ukrainian, Belarusian, and Polish

Adjectives with *-ok*: Ukrainian, Belarusian, and Polish

	root	AUG	AGR	translation
UKR	hlyb		yj	
BEL	hlyb	<i>ok</i>	i	'deep'
POL	głęb		i	

Adjectives with *-ok*: Ukrainian, Belarusian, and Polish

	root	AUG	AGR	translation
UKR	hlyb		yj	
BEL	hlyb	<i>ok</i>	i	'deep'
POL	głęb		i	
UKR	šyr		yj	
BEL	šyr	<i>ok</i>	i	'wide'
POL	szer		i	

Adjectives with *-ok*: Ukrainian, Belarusian, and Polish

	root	AUG	AGR	translation
UKR	hlyb		yj	
BEL	hlyb	ok	i	'deep'
POL	głęb		i	
UKR	šyr		yj	
BEL	šyr	ok	i	'wide'
POL	szer		i	
UKR	vys		yj	
BEL	vys	ok	i	'tall'
POL	wys		i	

Adjectives with *-ok*: Ukrainian, Belarusian, and Polish

	root	AUG	AGR	translation
UKR	hlyb		yj	
BEL	hlyb	ok	i	'deep'
POL	głęb		i	
UKR	šyr		yj	
BEL	šyr	ok	i	'wide'
POL	szer		i	
UKR	vys		yj	
BEL	vys	ok	i	'tall'
POL	wys		i	
UKR	dal		yj	
BEL	dal	ek	i	'far'
POL	dal		i	

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Comparative Slavic suffixes

PROTO-SLAVIC	*-ejbs	*-jbs
OLD CHURCH SLAVONIC	-ejbš	-jbš
UKRAINIAN	-iš	-š
BELARUSIAN	-ejš	-š
POLISH	-ejsz	-sz

Comparative Slavic suffixes

	M1	M2
UKRAINIAN	-i	-š
BELARUSIAN	-ej	-š
POLISH	-ej	-sz

Simple comparatives: Ukrainian

	POS	CMPR M1-M2	CMPR M2	translation
1.	važlyv-yj	važlyv-i-š-yj	-	'important'

Simple comparatives: Ukrainian

	POS	CMPR M1-M2	CMPR M2	translation
1.	važlyv-yj	važlyv-i-š-yj	-	'important'
2.	čyst-yj	čyst-i-š-yj	-	'clean'

Simple comparatives: Ukrainian

	POS	CMPR M1-M2	CMPR M2	translation
1.	važlyv-yj	važlyv-i-š-yj	-	'important'
2.	čyst-yj	čyst-i-š-yj	-	'clean'
3.	dešev-yj	-	dešev-š-yj	'cheap'

Simple comparatives: Ukrainian

	POS	CMPR M1-M2	CMPR M2	translation
1.	važlyv-yj	važlyv- i-š -yj	-	'important'
2.	čyst-yj	čyst- i-š -yj	-	'clean'
3.	dešev-yj	-	dešev- š -yj	'cheap'
4.	doroh-yj	-	dorož- č -yj	'expensive'

Simple comparatives: Ukrainian

	POS	CMPR M1-M2	CMPR M2	translation
1.	važlyv-yj	važlyv-i-š-yj	-	'important'
2.	čyst-yj	čyst-i-š-yj	-	'clean'
3.	dešev-yj	-	dešev-š-yj	'cheap'
4.	doroh-yj	-	dorož-č-yj	'expensive'

the suffix -č is the phonological alternant of -š (Vyshnevskya 2022)

Simple comparatives: Polish

	POS	CMPR M1-M2	CMPR M2	translation
1.	szcupt-y	szcupt- ej-sz -y	-	'slim'
2.	tward-y	-	tward- sz -y	'hard'
3.	miły	-	mil- sz -y	'nice'
4.	zły	-	gor- sz -y	'bad'

Simple comparatives: Belarusian

	POS	CMPR M1-M2	CMPR M2	translation
1.	nov-y	nav-ej-š-y	-	'new'

Simple comparatives: Belarusian

	POS	CMPR M1-M2	CMPR M2	translation
1.	nov-y	nav- ej-š -y	-	'new'
2.	viasjol-y	viesal- ej-š -y	-	'merry'

Simple comparatives: Belarusian

	POS	CMPR M1-M2	CMPR M2	translation
1.	nov-y	nav- ej-š -y	-	'new'
2.	viasjol-y	viesal- ej-š -y	-	'merry'
3.	bahat-y	bahats- ej-š -y	-	'rich'

Simple comparatives: Belarusian

	POS	CMPR M1-M2	CMPR M2	translation
1.	nov-y	nav- ej-š -y	-	'new'
2.	viasjol-y	viesal- ej-š -y	-	'merry'
3.	bahat-y	bahats- ej-š -y	-	'rich'
4.	dobr-y	-	lep- š -y	'good'

Simple comparatives: Belarusian

	POS	CMPR M1-M2	CMPR M2	translation
1.	nov-y	nav-ej-š-y	-	'new'
2.	viasjol-y	viesal-ej-š-y	-	'merry'
3.	bahat-y	bahats-ej-š-y	-	'rich'
4.	dobr-y	-	lep-š-y	'good'

the CMPR suffix is always stressed (Mayo 1993: 908)

Simple comparatives: Belarusian

	POS	CMPR M1	translation
1.	nov-y	nav- ej	'new'

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	POS	CMPR M1	translation
1.	nov-y	nav- ej	'new'
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Simple comparatives: Belarusian

	POS	CMPR M1	translation
1.	nov-y	nav-ej	'new'
2.	viasjol-y	viesal-ej	'merry'
3.	bahat-y	bahats-ej	'rich'

Simple comparatives: Belarusian

	POS	CMPR M1	translation
1.	nov-y	nav- ej	'new'
2.	viasjol-y	viesal- ej	'merry'
3.	bahat-y	bahats- ej	'rich'
4.	dobr-y	dabr- ej	'good'

Simple comparatives: Belarusian adjs and advs

bahaty 'rich'

- (1) a. bahats-ej-š-y mužčyna
rich-M1-M2-AGR man

Simple comparatives: Belarusian adjs and advs

bahaty 'rich'

- (1) a. bahats-**ej-š**-y mužčyna
rich-M1-M2-AGR man
- b. het-y mužčyna bahats-**ej-š**-y za mjane
this-AGR man rich-M1-M2-AGR than me

Simple comparatives: Belarusian adjs and advs

bahaty 'rich'

- (1) a. bahats-ej-š-y mužčyna
rich-M1-M2-AGR man
- b. het-y mužčyna bahats-ej-š-y za mjane
this-AGR man rich-M1-M2-AGR than me
- c. *bahats-ej mužčyna
rich-M1 man

Simple comparatives: Belarusian adjs and advs

bahaty 'rich'

- (1) a. bahats-**ej-š**-y mužčyna
rich-M1-M2-AGR man
- b. het-y mužčyna bahats-**ej-š**-y za mjane
this-AGR man rich-M1-M2-AGR than me
- c. *bahats-**ej** mužčyna
rich-M1 man
- d. het-y mužčyna bahats-**ej** za mjane
this-AGR man rich-M1 than me

Comparatives with *-n*: Ukrainian

pattern	POS	CMPR	translation
keeping <i>-n</i>	xolod- <i>n</i> -yj	xolod- <i>n-i-š</i> -yj	'cold'
	rozum- <i>n</i> -yj	rozum- <i>n-i-š</i> -yj	'clever'
	pov- <i>n</i> -yj	pov- <i>n-i-š</i> -yj	'full'
	militar- <i>n</i> -yj	militar- <i>n-i-š</i> -yj	'military'

Comparatives with *-n*: Belarusian

pattern	POS	CMPR ADJ	translation
keeping <i>-n</i>	volj- <i>n</i> -y	valj- <i>n</i> -ej-š-y	'free'
	huč- <i>n</i> -y	huč- <i>n</i> -ej-š-y	'loud'
	dalikat- <i>n</i> -y	dalikat- <i>n</i> -ej-š-y	'tactful'
	pou- <i>n</i> -y	pau- <i>n</i> -ej-š-y	'full'

Comparatives with *-n*: Belarusian

pattern	POS	CMPR ADV	translation
keeping <i>-n</i>	volj- <i>n</i> -y	valj- <i>n</i> -ej	'free'
	huč- <i>n</i> -y	huč- <i>n</i> -ej	'loud'
	dalikat- <i>n</i> -y	dalikat- <i>n</i> -ej	'tactful'
	pou- <i>n</i> -y	pau- <i>n</i> -ej	'full'

Comparatives with *-n*: Polish

pattern	POS	CMPR	translation
keeping <i>-n</i>	barw- <i>n-y</i>	barw- <i>ni-ej-sz-y</i>	'colourful'
	głoś- <i>n-y</i>	głoś- <i>ni-ej-sz-y</i>	'loud'
	mar- <i>n-y</i>	mar- <i>ni-ej-sz-y</i>	'miserable'
	jas- <i>n-y</i>	jas- <i>ni-ej-sz-y</i>	'bright'

Comparatives with *-n*: Polish

pattern	POS	CMPR	translation
keeping <i>-n</i>	barw- <i>n</i> -y	barw- <i>ni</i> - <i>ej</i> - <i>sz</i> -y	'colourful'
	głoś- <i>n</i> -y	głoś- <i>ni</i> - <i>ej</i> - <i>sz</i> -y	'loud'
	mar- <i>n</i> -y	mar- <i>ni</i> - <i>ej</i> - <i>sz</i> -y	'miserable'
	jas- <i>n</i> -y	jas- <i>ni</i> - <i>ej</i> - <i>sz</i> -y	'bright'

-i belongs together with the *-n* augment, and not with the CMPR suffix (Wiland 2021)

Possible patterns with *-n*

	POS	CMPR	language
Ia	root- <i>n</i>	root- <i>M1</i>	<i>unattested</i>
Ib	root- <i>n</i>	root- <i>M2</i>	<i>unattested</i>
Ic	root- <i>n</i>	root- <i>M1-M2</i>	<i>unattested</i>
IIa	root- <i>n</i>	root- <i>n-M1</i>	Belarusian
IIb	root- <i>n</i>	root- <i>n-M2</i>	<i>unattested</i>
IIc	root- <i>n</i>	root- <i>n-M1-M2</i>	Ukrainian, Polish, Belarusian

Comparatives with *-k*: Ukrainian

pattern	POS	CMPR	translation
losing <i>-k</i>	korot- <i>k</i> -yj	korot- <i>š</i> -yj	'short'
	solod- <i>k</i> -yj	solod- <i>š</i> -yj	'sweet'

Comparatives with *-k*: Ukrainian

pattern	POS	CMPR	translation
losing <i>-k</i>	korot- <i>k</i> -yj	korot- <i>š</i> -yj	'short'
	solod- <i>k</i> -yj	solod- <i>š</i> -yj	'sweet'
keeping <i>-k</i>	bryd- <i>k</i> -yj	bryd- <i>k-i-š</i> -yj	'ugly'
	dzvin- <i>k</i> -yj	dzvin- <i>k-i-š</i> -yj	'voiced'

Comparatives with *-k*: Belarusian

pattern	POS	CMPR ADJ	translation
losing <i>-k</i>	bliž- <i>k</i> -i	bliž- <i>ej-š</i> -y	'close'
	salod- <i>k</i> -i	salod- <i>š</i> -y	'sweet'

Comparatives with *-k*: Belarusian

pattern	POS	CMPR ADJ	translation
losing <i>-k</i>	bliz- <i>k</i> -i	bliž- <i>ej-š</i> -y	'close'
	salod- <i>k</i> -i	salod- <i>š</i> -y	'sweet'
keeping <i>-k</i>	glad- <i>k</i> -i	glad- <i>č-ej-š</i> -y	'smooth'
	xut- <i>k</i> -i	xut- <i>č-ej-š</i> -y	'fast'

Comparatives with *-k*: Belarusian

pattern	POS	CMPR ADV	translation
losing <i>-k</i>	bliz- <i>k</i> -i	bliž- <i>ej</i>	'close'
	salod- <i>k</i> -i	saladz- <i>ej</i>	'sweet'

Comparatives with *-k*: Belarusian

pattern	POS	CMPR ADV	translation
losing <i>-k</i>	bliz- <i>k</i> -i	bliž- <i>ej</i>	'close'
	salod- <i>k</i> -i	saladz- <i>ej</i>	'sweet'
keeping <i>-k</i>	glad- <i>k</i> -i	glad- <i>č</i> - <i>ej</i>	'smooth'
	xut- <i>k</i> -i	xut- <i>č</i> - <i>ej</i>	'fast'

Comparatives with *-k*: Polish

pattern	POS	CMPR	translation
losing <i>-k</i>	blis- <i>k</i> -i	bliż- <i>sz</i> -y	'close'
	wąs- <i>k</i> -i	węż- <i>sz</i> -y	'narrow'
	słod- <i>k</i> -i	słod- <i>sz</i> -y	'sweet'
	gład- <i>k</i> -i	gład- <i>sz</i> -y	'smooth'
	cien- <i>k</i> -i	cien- <i>sz</i> -y	'thin'
	szyb- <i>k</i> -i	szyb- <i>sz</i> -y	'fast'

Possible patterns with -k

	POS	CMPR	language
Ia	root-k	root-M1	Belarusian
Ib	root-k	root-M2	Ukrainian, Polish
Ic	root-k	root-M1-M2	Belarusian
IIa	root-k	root-k-M1	Belarusian
IIb	root-k	root-k-M2	<i>unattested</i>
IIc	root-k	root-k-M1-M2	Ukrainian, Belarusian

Comparatives with *-ok*

	POS	CMPR	translation
UKR	hlyb- <i>ok</i> -yj	hlyb- <i>š</i> -yj	
POL	głęb- <i>ok</i> -i	głęb- <i>sz</i> -y	'deep'
BEL	glyb- <i>ok</i> -i	glyb- <i>ej-š</i> -y	

Comparatives with *-ok*

	POS	CMPR	translation
UKR	hlyb- <i>ok</i> -yj	hlyb- <i>š</i> -yj	
POL	głęb- <i>ok</i> -i	głęb- <i>sz</i> -y	'deep'
BEL	glyb- <i>ok</i> -i	glyb- <i>ej-š</i> -y	
UKR	šyr- <i>ok</i> -yj	šyr- <i>š</i> -yj	
POL	szer- <i>ok</i> -i	szer- <i>sz</i> -y	'wide'
BEL	šyr- <i>ok</i> -i	šyr- <i>ej-š</i> -y	

Comparatives with *-ok*

	POS	CMPR	translation
UKR	hlyb- <i>ok</i> -yj	hlyb- <i>š</i> -yj	
POL	głęb- <i>ok</i> -i	głęb- <i>sz</i> -y	'deep'
BEL	glyb- <i>ok</i> -i	glyb- <i>ej-š</i> -y	
UKR	šyr- <i>ok</i> -yj	šyr- <i>š</i> -yj	
POL	szer- <i>ok</i> -i	szer- <i>sz</i> -y	'wide'
BEL	šyr- <i>ok</i> -i	šyr- <i>ej-š</i> -y	
UKR	vys- <i>ok</i> -yj	vyš- <i>č</i> -yj	
POL	wys- <i>ok</i> -i	wyż- <i>sz</i> -y	'tall'
BEL	vys- <i>ok</i> -i	wyš- <i>ej-š</i> -y	

Comparatives with *-ok*

	POS	CMPR	translation
UKR	hlyb- ok -yj	hlyb- š -yj	
POL	głęb- ok -i	głęb- sz -y	'deep'
BEL	glyb- ok -i	glyb- ej-š -y	
UKR	šyr- ok -yj	šyr- š -yj	
POL	szer- ok -i	szer- sz -y	'wide'
BEL	šyr- ok -i	šyr- ej-š -y	
UKR	vys- ok -yj	vyš- č -yj	
POL	wys- ok -i	wyż- sz -y	'tall'
BEL	vys- ok -i	vyš- ej-š -y	
UKR	dal- ek -yj	dalj- š -yj	
POL	dal- ek -i	dalj- sz -y	'far'
BEL	dal- ek -i	dal- ej-š -y	

Possible patterns with *-ok*

	POS	CMPR	language
Ia	root- <i>ok</i>	root- <i>M1</i>	Belarusian
Ib	root- <i>ok</i>	root- <i>M2</i>	Ukrainian, Polish
Ic	root- <i>ok</i>	root- <i>M1-M2</i>	Belarusian
IIa	root- <i>ok</i>	root- <i>ok-M1</i>	<i>unattested</i>
IIb	root- <i>ok</i>	root- <i>ok-M2</i>	<i>unattested</i>
IIc	root- <i>ok</i>	root- <i>ok-M1-M2</i>	<i>unattested</i>

Patterns: overview

POS	CMPR	language
root-n	root-n-M1	Belarusian
root-n	root-n-M1-M2	Ukrainian, Polish, Belarusian
root-k	root-M1	Belarusian
root-k	root-M2	Ukrainian, Polish
root-k	root-M1-M2	Belarusian
root-k	root-k-M1	Belarusian
root-k	root-k-M1-M2	Ukrainian, Belarusian
root-ok	root-M1	Belarusian
root-ok	root-M2	Ukrainian, Polish
root-ok	root-M1-M2	Belarusian

Interim Summary

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Interim Summary

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- ▶ *-n* is always kept in the comparative

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Interim Summary

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- ▶ *-n* is always kept in the comparative
- ▶ *-k* is either kept or dropped in the comparative
- ▶ *-ok* is always dropped in the comparative

Outline

Introduction

Positive degree

Comparative degree

Simple comparative adjectives

Complex comparative adjectives

Analysis

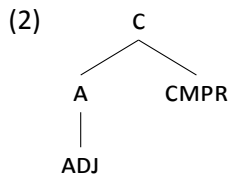
Ukrainian

Polish

Belarusian

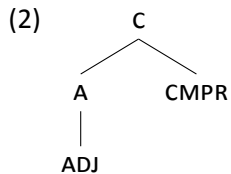
Conclusions

Comparative heads

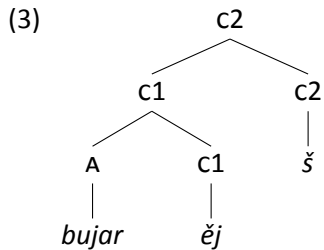


Bobaljik (2012)

Comparative heads

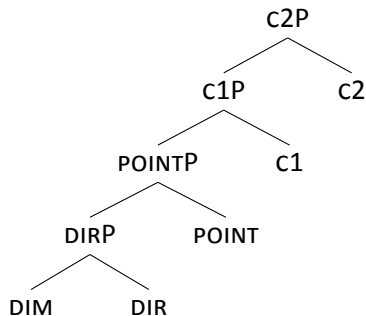


Bobaljik (2012)



Caha et al. (2019)

The structure of the comparative



DIM - dimension (e.g. size, velocity, height, color)

DIR - direction (positive or negative)

POINT - a point on the scale (it 'points' to a contextual standard)

(Vanden Wyngaerd et al. 2020)

Nanosyntax

- ▶ Superset Principle (Starke 2009): A lexically stored tree L matches a syntactic node S iff L contains the syntactic tree dominated by S as a subtree

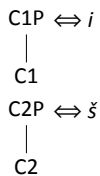
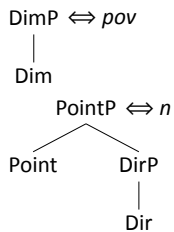
Nanosyntax

- ▶ Superset Principle (Starke 2009): A lexically stored tree L matches a syntactic node S iff L contains the syntactic tree dominated by S as a subtree
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 - a. Merge F and lexicalise FP
 - b. If (a) fails, move the spec of the complement of F and lexicalise FP
 - c. If (b) fails, move the complement of F, and lexicalise FP

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 - c. If (b) fails, move the complement of F, and lexicalise FP
- ▶ different root sizes (Caha et al. 2019), (Caha et al. 2022)

Ukrainian: XS roots



Ukrainian: XS roots

DimP \Leftrightarrow *pov*

Dim

PointP \Leftrightarrow *n*

Point

DirP

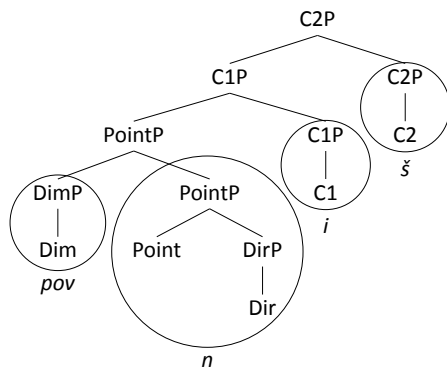
Dir

C1P \Leftrightarrow *i*

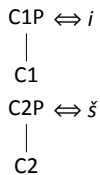
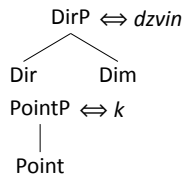
C1

C2P \Leftrightarrow *š*

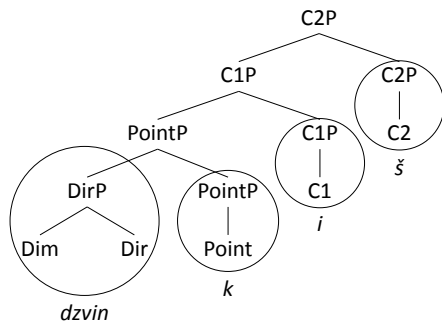
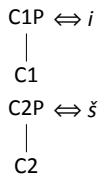
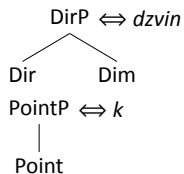
C2



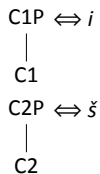
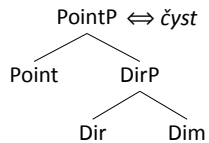
Ukrainian: S roots



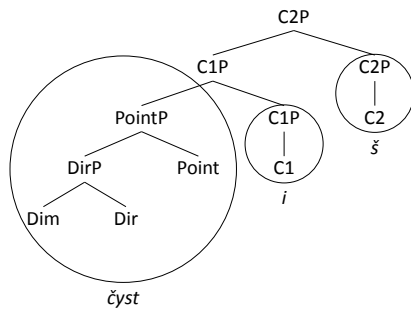
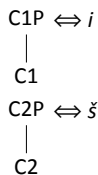
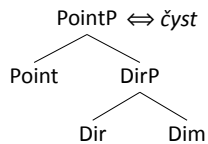
Ukrainian: S roots



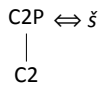
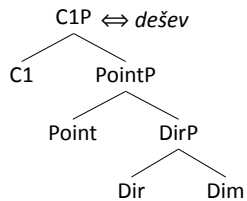
Ukrainian: M roots



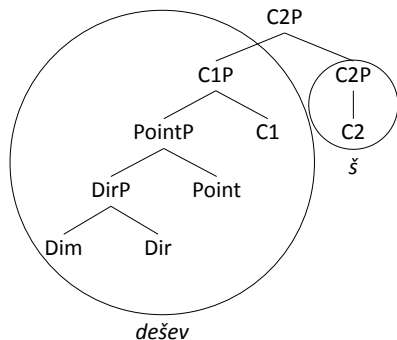
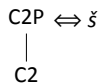
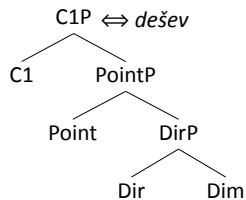
Ukrainian: M roots



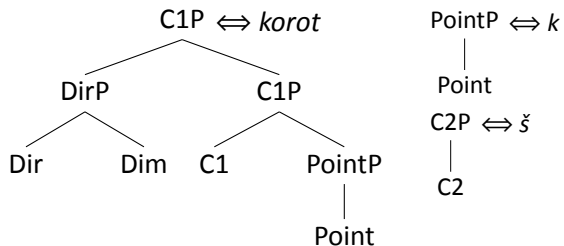
Ukrainian: L roots



Ukrainian: L roots

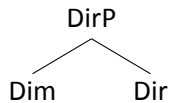


Ukrainian: L' roots

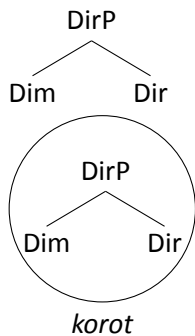


Complex Left Branch (CLB)
(Caha's 2021 seminars)

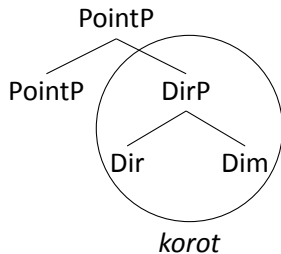
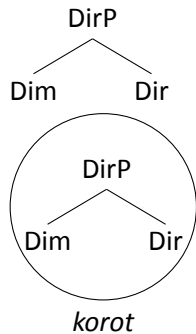
Ukrainian L' roots: positive



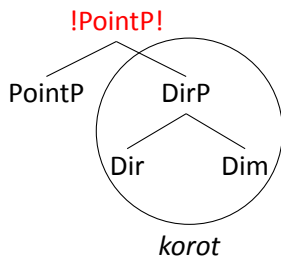
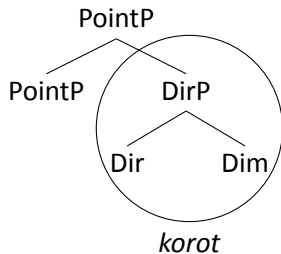
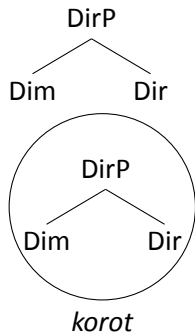
Ukrainian L' roots: positive



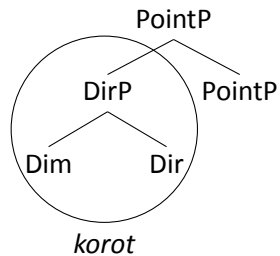
Ukrainian L' roots: positive



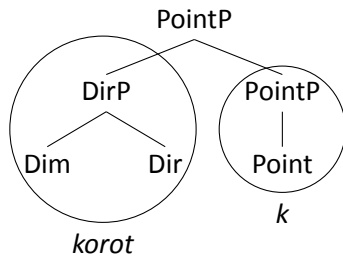
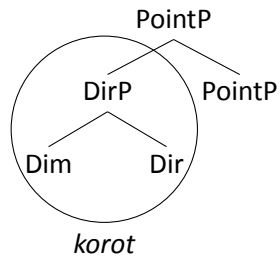
Ukrainian L' roots: positive



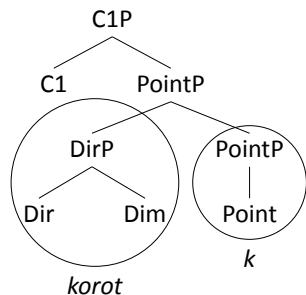
Ukrainian L' roots: positive



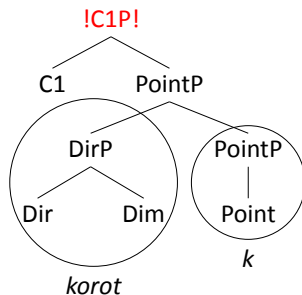
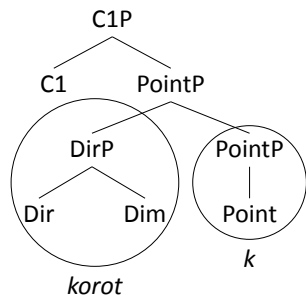
Ukrainian L' roots: positive



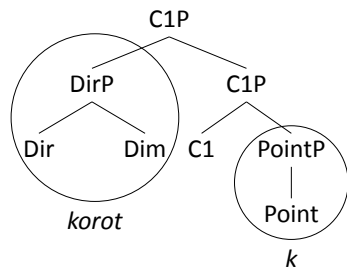
Ukrainian L' roots: comparative



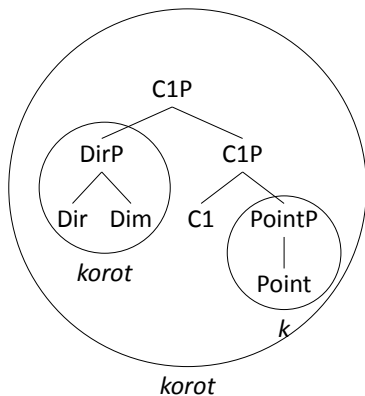
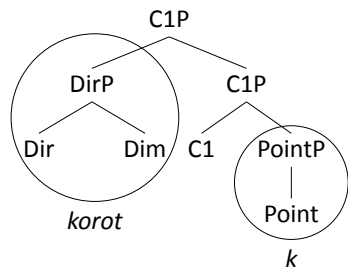
Ukrainian L' roots: comparative



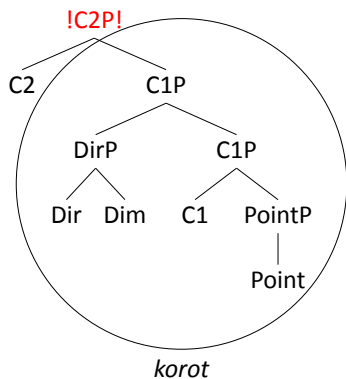
Ukrainian L' roots: comparative



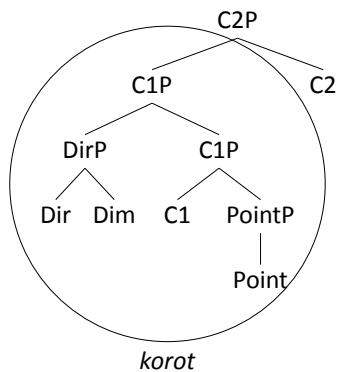
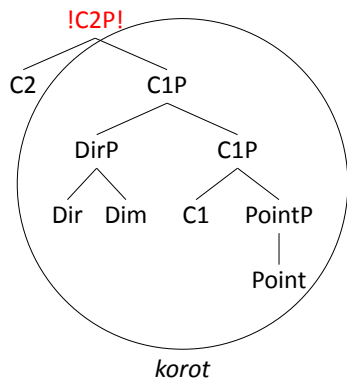
Ukrainian L' roots: comparative



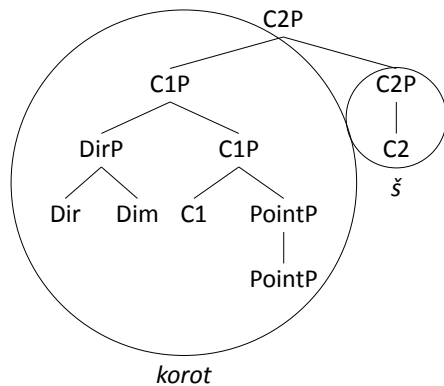
Ukrainian L' roots: comparative



Ukrainian L' roots: comparative



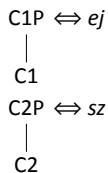
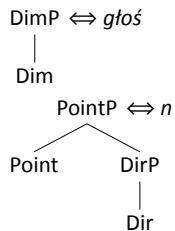
Ukrainian L' roots: comparative



Ukrainian: lexicalisation table

root	adjective	Dim	Dir	Point	C1	C2
XS	full, POS	pov		n		
	full, CMPR	pov		n	-i	-š
S	resonant, POS	dzvin		k		
	resonant, CMPR	dzvin		k	-i	-š
M	clean, POS		čyst			
	clean, CMPR		čyst		-i	-š
L	cheap, POS		dešev			
	cheap, CMPR		dešev			-š
L'	short, POS	korot		k		
	short, CMPR	korot		*		-š

Polish: XS roots



Polish: XS roots

DimP \Leftrightarrow *głoś*

Dim

PointP \Leftrightarrow *n*

Point

DirP

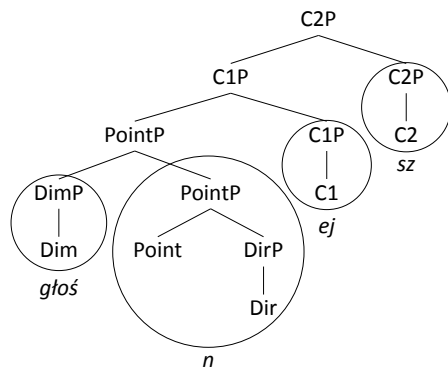
Dir

C1P \Leftrightarrow *ej*

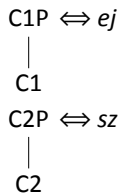
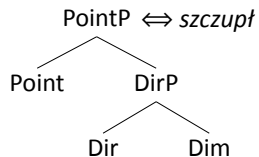
C1

C2P \Leftrightarrow *sz*

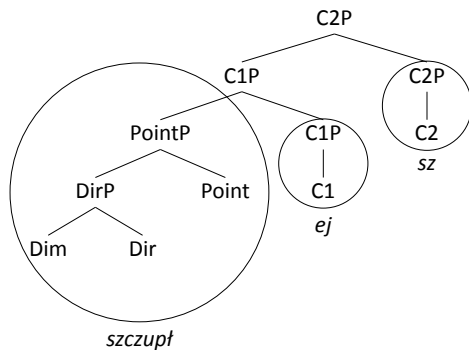
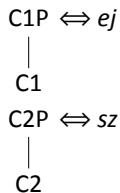
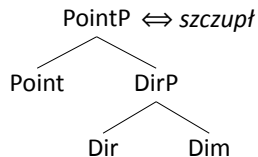
C2



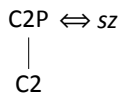
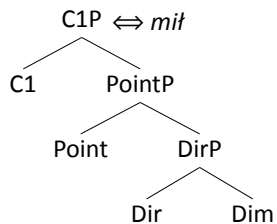
Polish: M roots



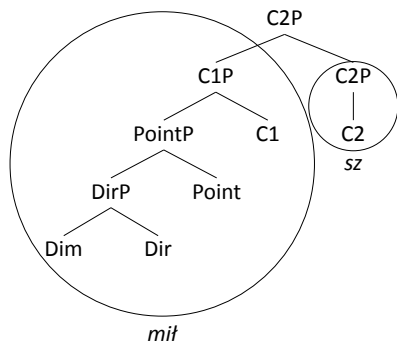
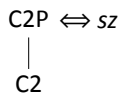
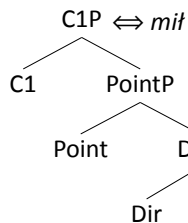
Polish: M roots



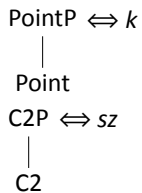
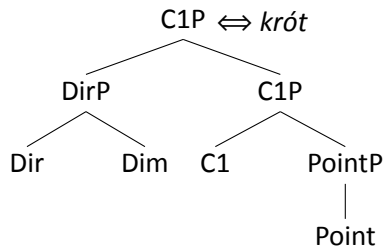
Polish: L roots



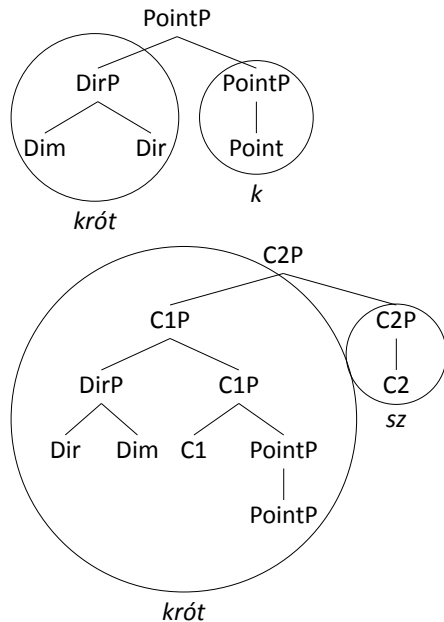
Polish: L roots



Polish: L' roots



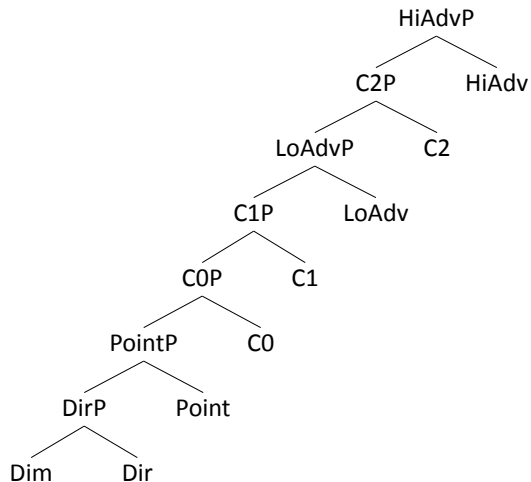
Polish: L' roots



Polish: lexicalisation table

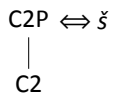
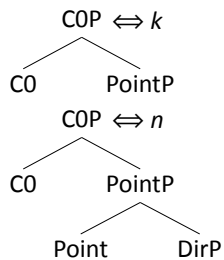
root	adjective	Dim	Dir	Point	C1	C2
XS	loud, POS	głoś		n		
	loud, CMPR	głoś		n	-ej	-sz
M	thin, POS		szczupł			
	thin, CMPR		szczupł		-ej	-sz
L	kind, POS		mił			
	kind, CMPR		mił			-sz
L'	short, POS	krót		k		
	short, CMPR	krót		*		-sz

Comparative adverbs



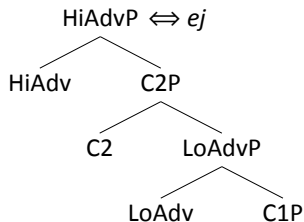
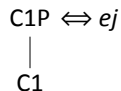
(De Clercq et al. 2023)

Lexical entries

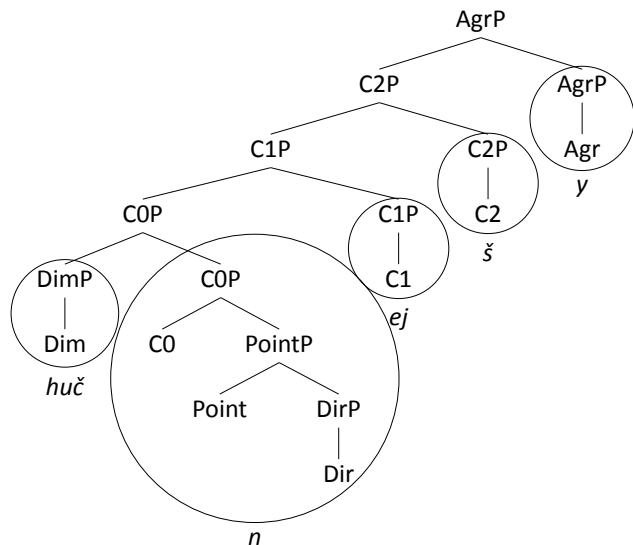


Belarusian

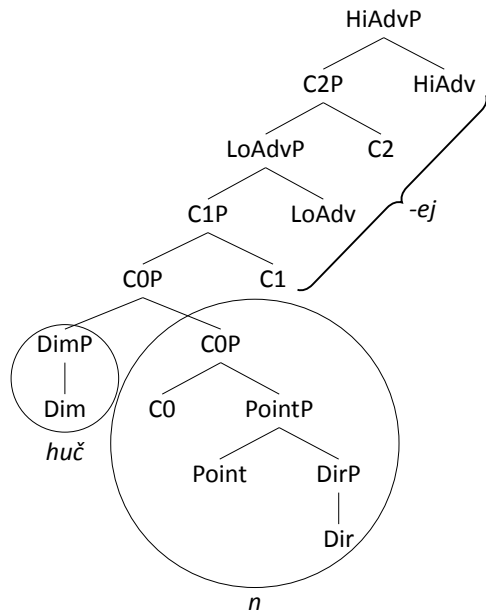
The morpheme *-ej* in comparative adjectives and adverbs is the same in Belarusian; the difference is in how much structure it lexicalises.



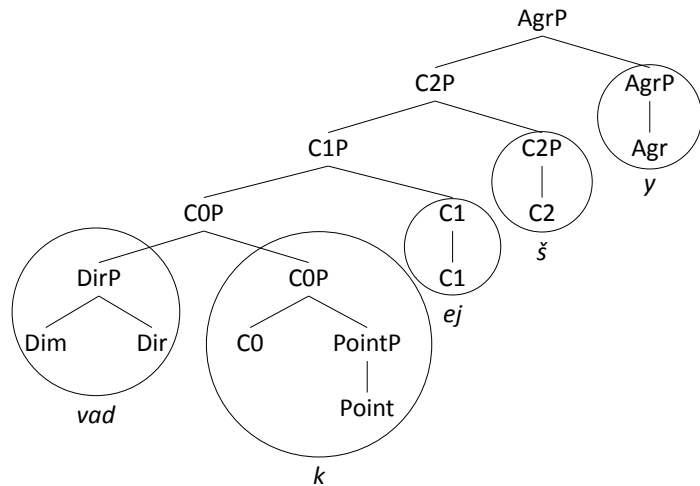
Belarusian: XS roots adj



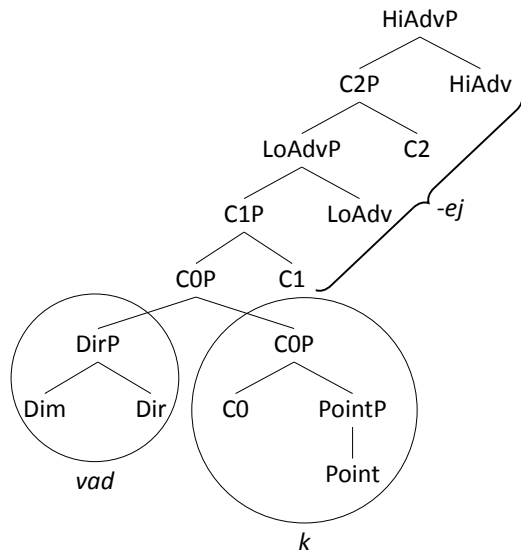
Belarusian: XS roots adv



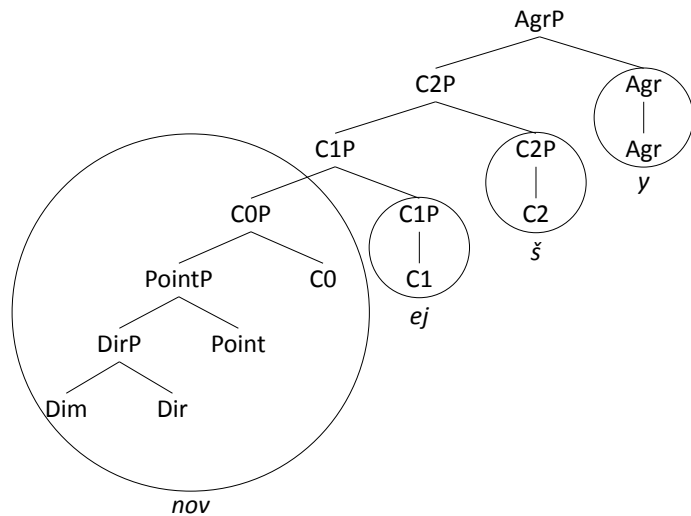
Belarusian: S roots adj



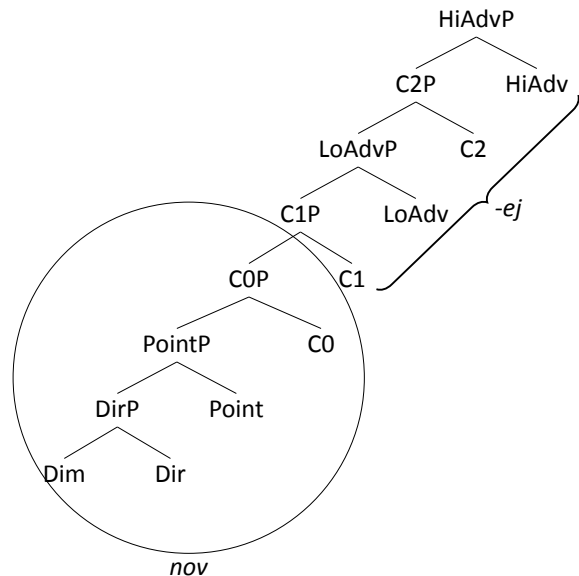
Belarusian: S roots adv



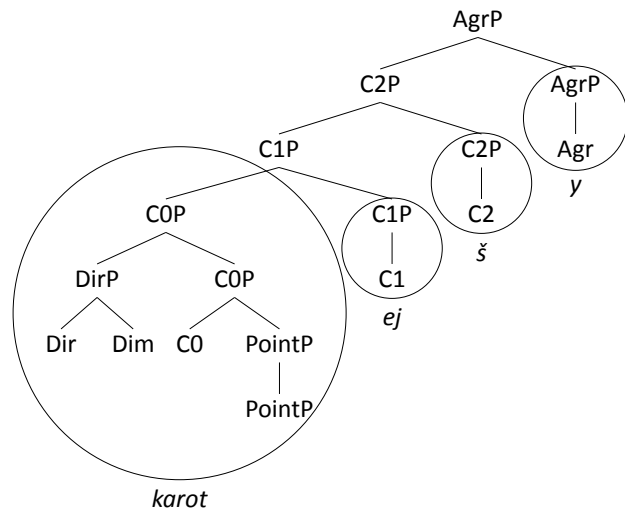
Belarusian: M roots adj



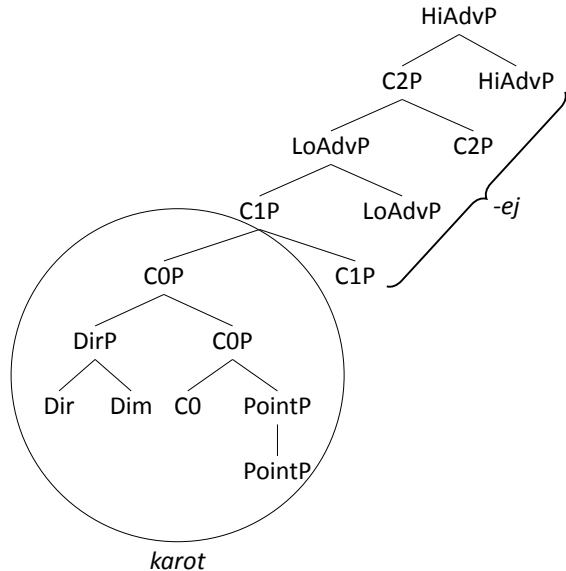
Belarusian: M roots adv



Belarusian: M' roots adj



Belarusian: M' roots adv



Belarusian: lexicalisation table

root	adjective	Dim	Dir	Point	C0	C1	LoAdv	C2	HiAdv
XS	loud, POS	huč		n					
	loud, CMPR ADJ	huč		n		-ej		-š	
	loud, CMPR ADV	huč		n				-ej	
S	liquid, POS	vad		k					
	liquid, CMPR ADJ	vad		k		-ej		-š	
	liquid, CMPR ADV	vad		k				-ej	
M	new, POS			nov					
	new, CMPR ADJ			nov		-ej		-š	
	new, CMPR ADV			nov				-ej	
M'	short, POS	karot		k					
	short, CMPR ADJ	karot		*		-ej		-š	
	short, CMPR ADV	karot		*				-ej	

Outline

Introduction

Positive degree

Comparative degree

Simple comparative adjectives

Complex comparative adjectives

Analysis

Ukrainian

Polish

Belarusian

Conclusions

Conclusions

I showed that Ukrainian, Belarusian, and Polish share:

Conclusions

I showed that Ukrainian, Belarusian, and Polish share:

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Conclusions

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It's not about phonology

(4) certain adjectives can take both *-š* and *-iš*

	POS	CMPR <i>-š</i>	CMPR <i>-iš</i>	translation
a.	bahat-yj	bahat-š-yj	bahat-iš-yj	rich
b.	hrub-yj	hrub-š-yj	hrub-iš-yj	rude
c.	zdorov-yj	zdorov-š-yj	zdorov-iš-yj	healthy

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(5) different roots in similar phonological environment

	POS	CMPR -š	CMPR -iš	translation
a.	dešev-yj	dešev-š-yj	*dešev-iš-yj	cheap
	važlyv-yj	*važlyv-š-yj	važlyv-iš-yj	important
b.	duž-yj	duž-č-yj	*duž-iš-yj	strong
	sviž-yj	*sviž-č-yj	sviž-iš-yj	fresh