

Phonetik und Phonologie der slavischen Sprachen

Wintersemester 2024/2025



Bistra Andreeva

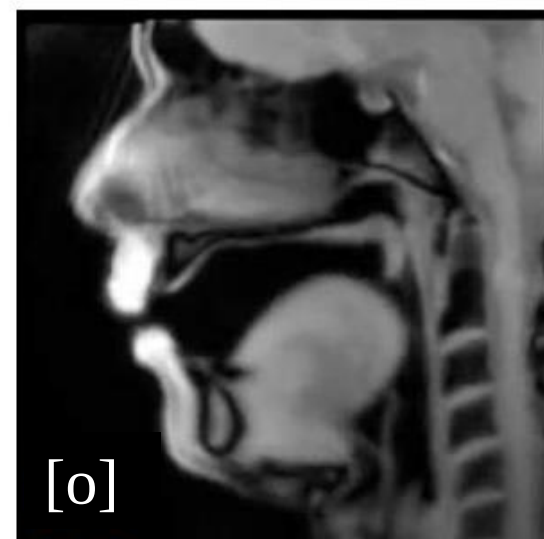
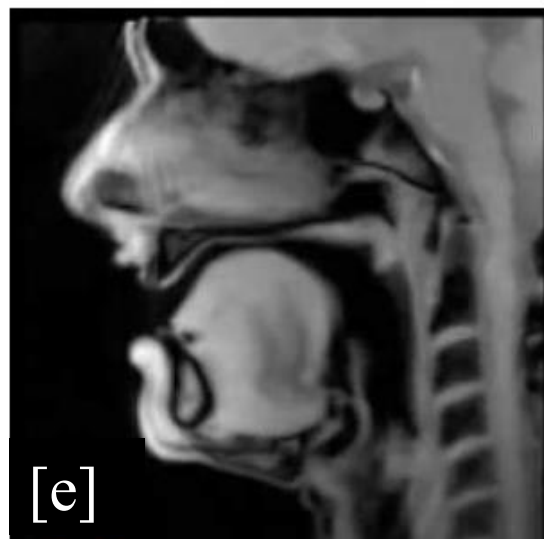
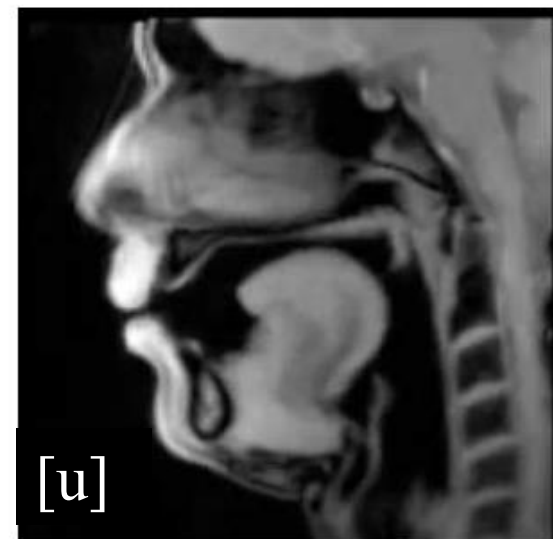
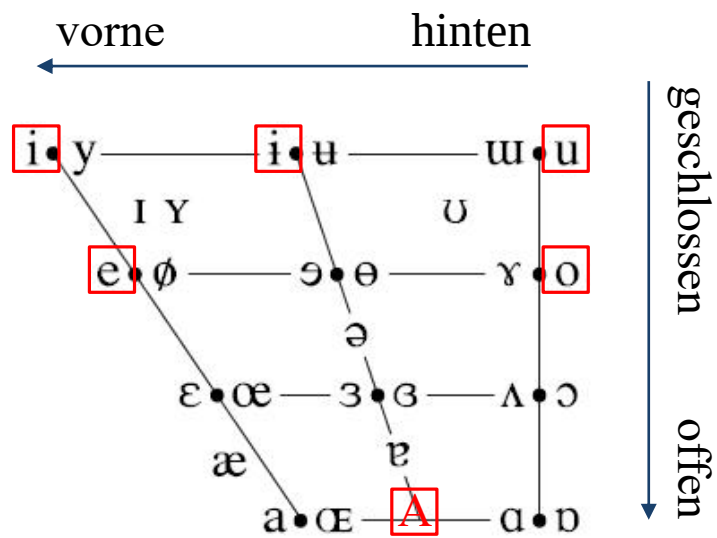
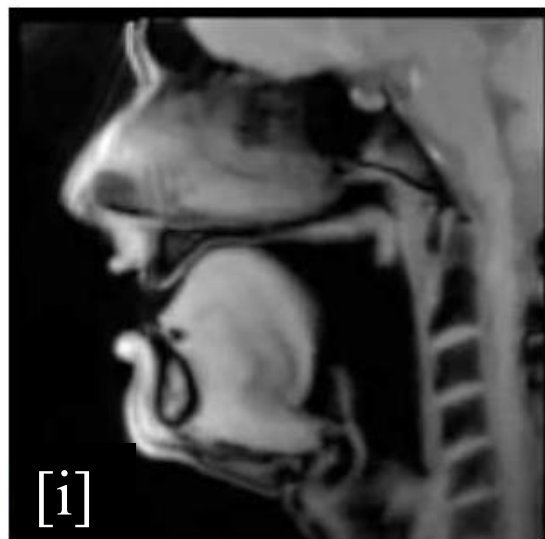
andreeva@lst.uni-saarland.de

<http://www.coli.uni-saarland.de/~andreeva/>

Vokale

<http://soundsofspeech.uiowa.edu/index.html#english>

<https://www.seeingspeech.ac.uk/ipa-charts/?chart=4>



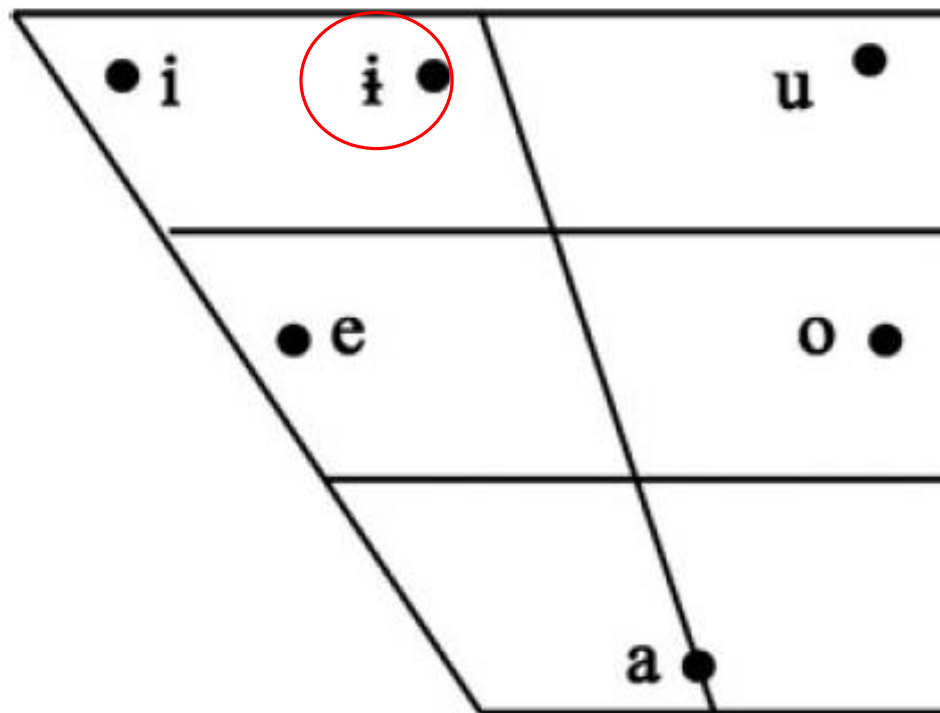
Russisch:



a'dnazdi 's'ev'irni' 'v'et'ir i 'sontsi pa'spor'i'li | 'kto iz' 'n'ix 's'i'l'n'jeji || kak 'ras 'v_eta
'vr'em'a | a'n'i za'm'et'i'li za'kutanava 'f_plaʃ': 'put'n'ika | ka'tori'j 'ʃol pa da'rog'i | i r'i'ʃ'i'li |
'ʃto 'tot iz' 'n'ix 'bud'it ʃ'i'taʃsa 'samim 's'il'n'im | ka'mu 'ran'ʃi u'daʃsa za'stav'it' 'put'n'ika
's'n'at' 'plaʃ': || 'tut 's'ev'irni'j 'v'et'ir 'pr'in'is'a 'dut' iza 'fs'ex 's'il || 'no 't'jem s'i'l'n'jeji
'on 'dul | 't'em s'i'l'n'jeji 'kutals'a 'put'n'ik 'f_svoj 'plaʃ': || 'tak 'ʃto f_kan'tse kan'tsof
| 's'ev'irni'j 'v'et'ir 'dol'z'in 'b'il atka'zaʃsa at sva'jej za't'jeji || ta'gda zas'i'jala 'solni'ska
|| 'put'n'ik pan'i'mnogu ata'gr'els'a | i 'fskor'i 's'i'al 'svoj 'plaʃ': || ta'k'im 'obrazam |
's'ev'irni'j 'v'et'ir 'vinu'z'd'in 'b'il pr'i'znat' | 'ʃto 'sontsi s'i'l'n'jeji ji'vo

Yanushevskaya, I., & Bunčić, D. (2015). Russian. *Journal of the International Phonetic Association*, 45(2), 221-228.
doi:10.1017/S0025100314000395

Russisch:



Russisch:

CVC			C ^j VC ^j		
/i/			[^j p ^j i ^j l ^j ɪ]	<i>pili</i>	‘(we, you, they) drank’
/i̞/	[^j p ^j i̞t̞]	<i>pyl</i> ‘ardour’			
/e/	[ʃɛːst̞]	<i>šest</i> ‘pole’	[tʃeːsʲt̞ʲ]	<i>čest’</i>	‘honour’
/o/	[st̞ɔːp̞i̞]	<i>stopy</i> ‘feet’	[st̞ɔːp̞i̞n̞]	<i>Stëpin</i>	‘of Stëpa’ (name)
/u/	[t̞uːk̞]	<i>luk</i> ‘onion’	[l̞uːk̞ɪ]	<i>ljuki</i>	‘hatches’
/a/	[sɑːt̞]	<i>sad</i> ‘garden’	[sʲæːt̞ʲ]	<i>sjad’</i>	‘sit’ (imperative)

⟨и⟩ vs. ⟨ы⟩: [i] vs. [i̞]

⟨íкать⟩ vs. ⟨ы́кать⟩: [ˈiːkət̞ʲ] vs. [i̞kət̞ʲ]; ⟨БІО⟩: [iɒ]

⟨ГОТÓВ⟩ vs. ⟨ГОТÓВИТЬ⟩: [gɒˈtɔf] vs. [gɒˈtɔvʲɪt̞ʲ]

Ukrainisch:

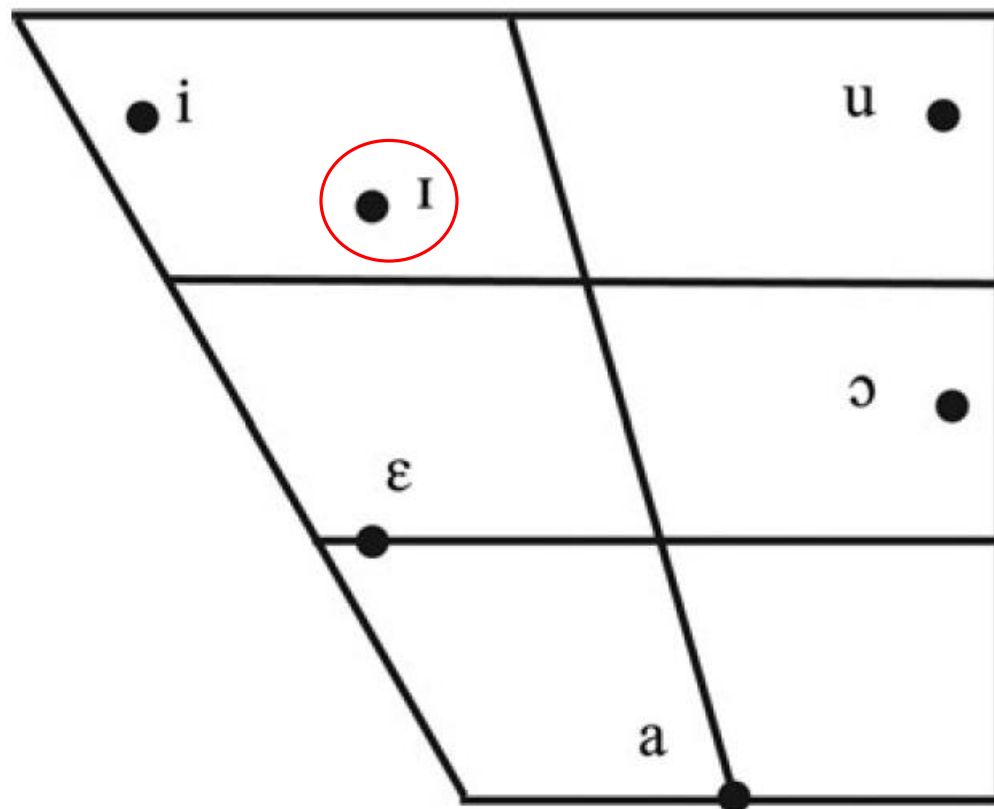


ɔd'nɔɦɔ 'razu | pɔspere'tʃalisʲa 'sɔntʂe i piv'nʲitʃniɯ̌ 'viter 's_priʋɔdu 'tɔɦɔ | 'xtɔ
z nix 'duɔx silʲ'nʲisʲiɯ̌ || aʒ 'raptɔm ʋɔ'ni | pɔ'mitɪli mandrʲivni'ka | ja'kiɯ̌ 'same
prɔ'xɔdiʋ pɔʋz nix | 'kutajutʃisʲ u palʲ'tɔ || ɔ'bidʋa dʲii'ʃli 'spil'noʒi 'dumki |
ʃtʃɔ 'tɔɯ̌ 'bude 'viznaniɯ̌ silʲ'nʲisʲim | 'xtɔ 'vimusɪtʲ mandrʲivni'ka 'znʲatɪ ʋɔ'je
palʲ'tɔ || piv'nʲitʃniɯ̌ 'viter duʋ z usi'jeʒi 'sɪli | a'le tʃim 'duʒtʃe vin duʋ |
tim ʃtʃɪlʲ'niʃe 'kutaʋsʲa mandrʲiv'nik u ʋɔ'je palʲ'tɔ || 'ʋreʃtʲi 'reʃt piv'nʲitʃniɯ̌
'viter pere'staʋ bɔ'rɔtɪsʲa || i 'tut 'sɔntʂe zʲih'rʲilɔ pɔ'vitrʲa ʋɔ'jimi pri'vitnɪmi
'prɔmenʲami | i ʋʒe 'tʃereʒ 'deki'l'ka xʋ'lɪn | mandrʲiv'nik znʲaʋ ʋɔ'je palʲ'tɔ
|| ɔ'tɔʒ | piv'nʲitʃniɯ̌ 'viter 'vimuʒeniɯ̌ 'buʋ 'viznatɪ | ʒtʃɔ 'sɔntʂe s 'pɔmɪʒ nix
'duɔx | bu'lo silʲ'nʲisʲim

Pompino-Marschall, B., Steriopolo, E., & Żygis, M. (2017).

Ukrainian. *Journal of the International Phonetic Association*, 47(3), 349-357. doi:10.1017/S0025100316000372

Ukrainisch:



Ukrainisch:

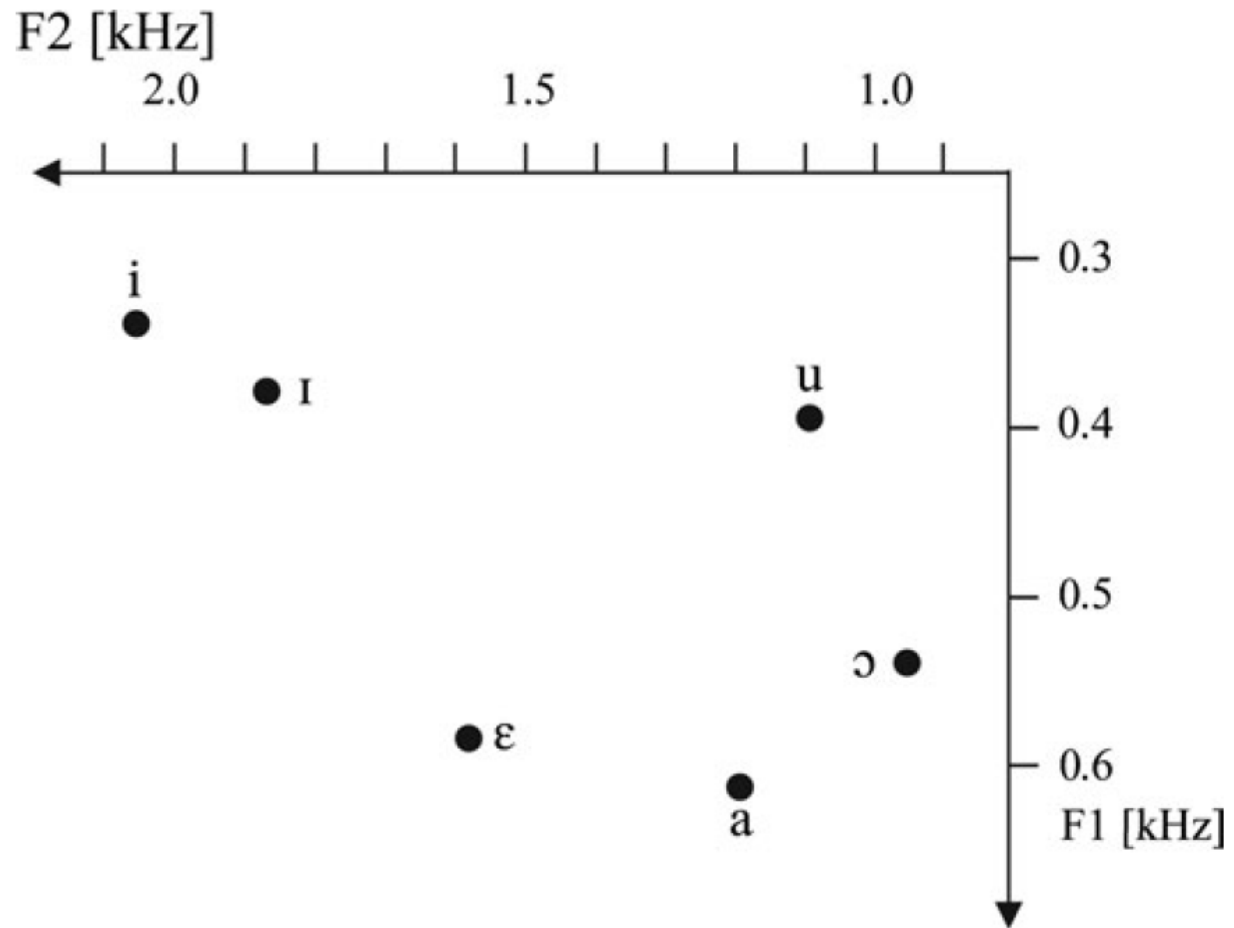


Figure 1 F1/F2 plot of the vowel realizations in the example words for Ukrainian vowels.

Ukrainisch:

i	d im	дім	<i>dim</i>	‘house’
ɪ	dɪm	дим	<i>dym</i>	‘smoke’
ε	sεm	сем	<i>sem</i>	‘seed (GEN.PL)’
a	sam	сам	<i>sam</i>	‘self’
o	som	сом	<i>som</i>	‘catfish’
u	sum	сум	<i>sum</i>	‘melancholy (GEN.PL)’

Polnisch:



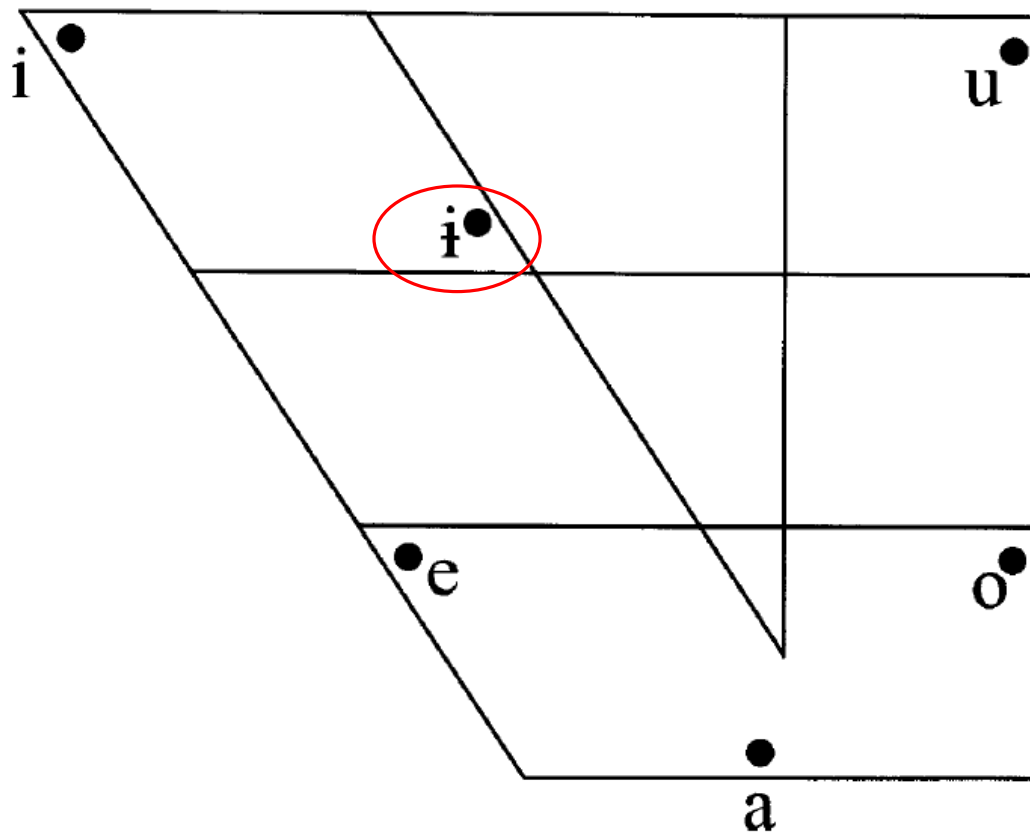
pe`vneɡo ɹazu || puw`notsni^{hi} °vjatr i,swontse || spje>tfaliɕe || `ktozn^{hi}x
jest ɕil,nejfi || `vwaɕne pje°xodziw °droɡoŃ jaciɕ >tfwovjek || ovi`nenti
°ftɕepwi ɹpwaftʃ || `umu ɹilice °vjents || zetenzpix °kturi `pjerfi zmuɕi
pfexodzon,tseɡo || abi`zdjow o`kritɕe || `bendze uva°zani zaɕilnej,ʃeɡo ||
puw`notsni °vjatr °zatʃow od`razu °doptɕ s`tsaweɹ ɕiwi || aleim`motsnej
>dow || tim`ɕilnej po°druʒni o°tulawɕe ɹpwaftʃ || `vrestɕe puw°notsni
°vjatr daw,spokuj || `ftedi °swontse za`tfewo pʃi,gzevaɕ, || af'xfile
'puznej po'druʒni zdjow,ɹpwaftʃ || 'ften >sposup || puw`notsni °vjatr `muɕaw
>pʃiznatɕ || ze`swontse jestɕil°nejʃe od, ɹeɡo

Jassem, W. (2003). Polish. *Journal of the International Phonetic Association*, 33(1), 103-107. doi:10.1017/S0025100303001191

Polnisch:

	Labial	Labiodental	(Post)dental	Alveolar	Alveolo- palatal	Palatal	Velar
Plosive	p b		t d			c ɟ	k g
Fricative		f v	s z	ʃ ʒ	ɕ ʑ		x
Affricate			ts dz	tʃ dʒ	tɕ dʑ		
Nnasal	m		n		ɲ		ŋ
Lateral			l				
Flap/Trill				r			
	Front			Back			
Approximant	j (ĩ)			w (ũ)			

Polnisch:



Polnisch:

¹bitɨ *bity* ‘beaten’

¹betɨ *bety* ‘bedding (coll.)’

¹bitɨ *byty* ‘entities’

¹batɨ *baty* ‘whips’

¹butɨ *buty* ‘shoes’

¹botɨ *boty* ‘women’s high-boots (augm.)’

Polnisch:

'reŋka *ręka* ‘hand’

koŋsci *kąski* ‘morsels’

ã ě



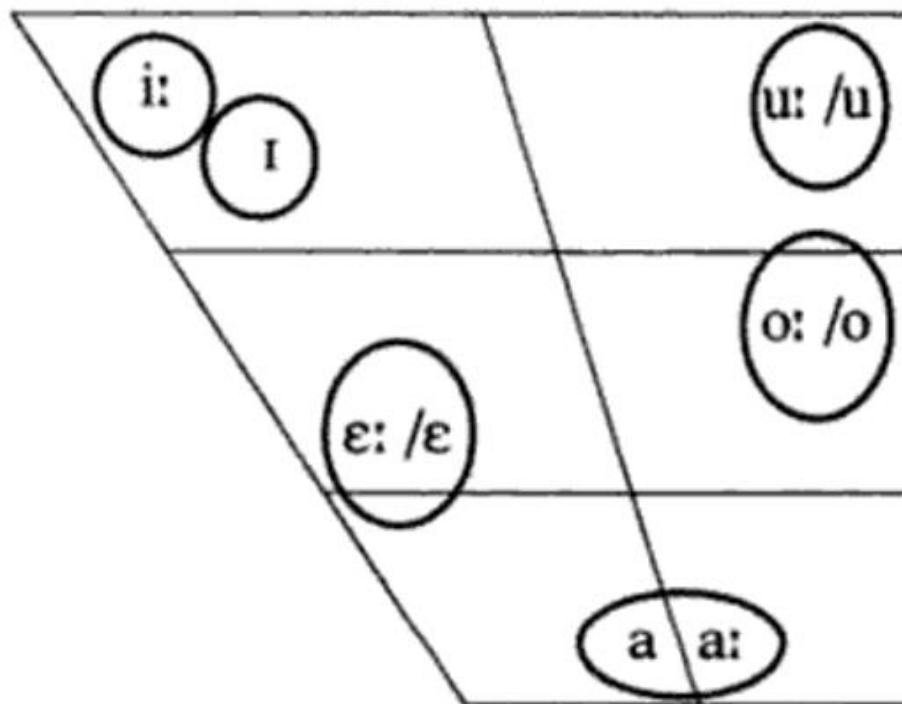
Tschechisch:

severa:k a sluntse se ha:dali, gdo z nix je silneifi:; f tom spatřili potsestne:ho, kteri: kra:tjel zahalen pla:řcem. ujednali tedi, že ten se ma: považovaci za silneifi:ho, gdo prvni: doka:že, abisi potsestni: svle:kl pla:řc. tu zatřal severa:k foukaci ze fři: siřli; ale třim vřts foukal, ci:m vřtse se potsestni: zahaloval do sve:ho pla:řce. konetřne vzdal se severa:k marne:ho uřsili:. pak zatřalo slunko svi:cit a hřa:t, a za nejaki: okamžik potsestni:, kteremu bilo horko, sxojil pla:řc. tak musil severa:k uznaci, že sluntse je silneifi:.

Dankovičová, J. (1997). Czech. *Journal of the International Phonetic Association*, 27(1-2), 77-80.
doi:10.1017/S0025100300005442

http://archive.phonetics.ucla.edu/Language/CES/ces_word-list_1976_01.html

Tschechisch:



/ou/, /au/, /εu/

Tschechisch:

i	mi:ɛ	<i>mile</i>	‘nicely’	i:	mi:ɛ	<i>míle</i>	‘mile’
ɛ	let	<i>let</i>	‘flight’	ɛ:	le:t	<i>lét</i>	‘summer (gen pl)’
a	řat	<i>řad</i>	‘row (gen pl)’	a:	řa:t	<i>řád</i>	‘order’
o	voda	<i>voda</i>	‘water’	(o:)	go:l	<i>gól</i>	‘goal’
u	domu	<i>domu</i>	‘house (gen sg)’	u:	domu:	<i>domů</i>	‘home (adv)’
ou	mouxa	<i>moucha</i>	‘fly (n)’				
(au)	auto	<i>auto</i>	‘car’				
(ɛu)	neutra:lpi:	<i>neutrální</i>	‘neutral’				

Blb vlk pln žbrnd zdrhl hrd z mlh Brd skrz vrch Smrk v čtvrt’
srn Krč.



Slovakisch:

'ras sa 'severa:k a 'slŋkɔ 'ɦa:daɫi | 'ktɔ z nɪɣ je 'sɪɫɲejʃi: || 'f tɔm 'zbaɫaɫi
'pɔtsɛstnɛ:ɦɔ | 'ktɔri: 'kra:tʃal 'zakri:tɪ: 'pla:ʃɔm || 'dɔɦɔɫi sa | ʒɛ 'sɪɫɲejʃi:
je 'tɛn | ktɔ 'akɔ 'prɯi: 'dɔka:ʒɛ | 'abɪ sɪ 'pɔtsɛstni: 'vɪzɫɪɛkɔɫ 'pla:ʃɔ || 'a tag
'za:tʃal 'severa:k 'fɯ:kaɫ zɔ 'fʃɛtkɪx 'sɪɫ | 'alɛ tʃɪ:m vɫa:ts 'fɯ:kaɫ | 'tɪ:m vɫa:ts
sa 'pɔtsɛstni: 'zakri:vaɫ 'pla:ʃɔm || 'nakɔɲɪɛts sa 'severa:g 'vzdal 'zbɪtɔtʃnej
'na:maɦɪ || 'pɔtɔm 'slŋkɔ 'za:tʃalɔ 'svɪɛɕɪɕ a 'ɦrɪac || 'za maɫɯ: 'xvɪ:ʎkɯ 'bɔɫɔ
'pɔtsɛstnɛ:mɯ 'ɕɛplɔ | a 'vɪzɫɪɛkɔɫ sɪ 'pla:ʃɔ || 'severa:k 'mɯsɛɫ 'nakɔɲɪɛts 'ɯznac
| ʒɛ 'slŋkɔ je 'sɪɫɲejʃɪɛ 'akɔ ɔn ||

Hanulíková, A., & Hamann, S. (2010). Slovak. *Journal of the International Phonetic Association*, 40(3), 373-378.
doi:10.1017/S0025100310000162

Slovakisch:

/ɪa ɪɛ ɪʊ ʊɔ/

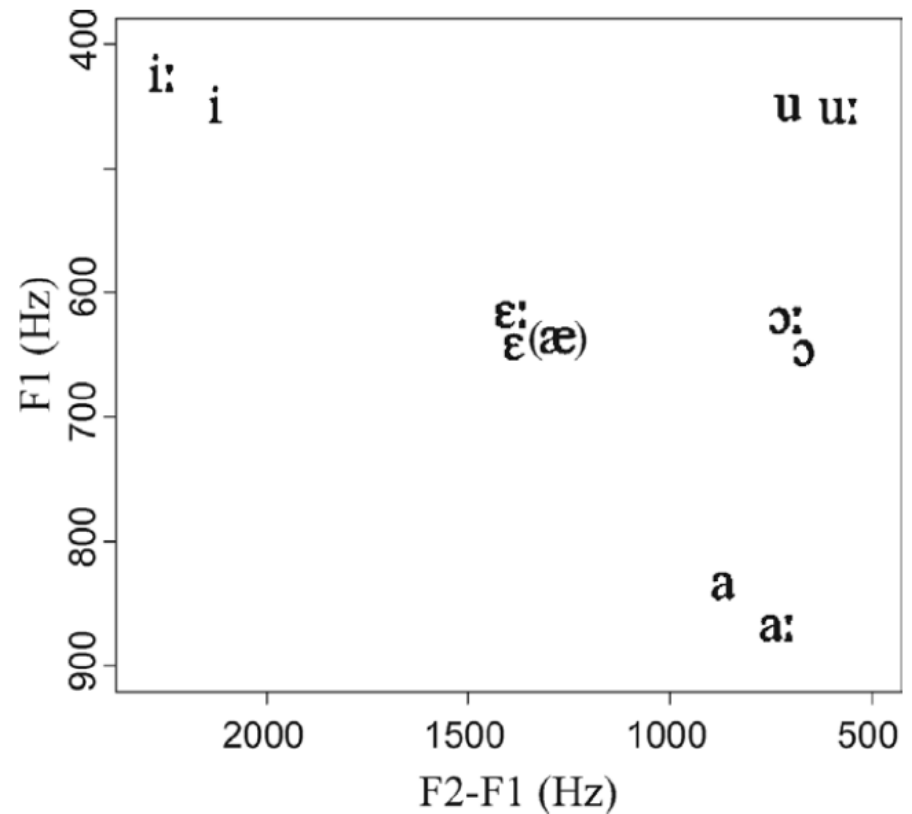
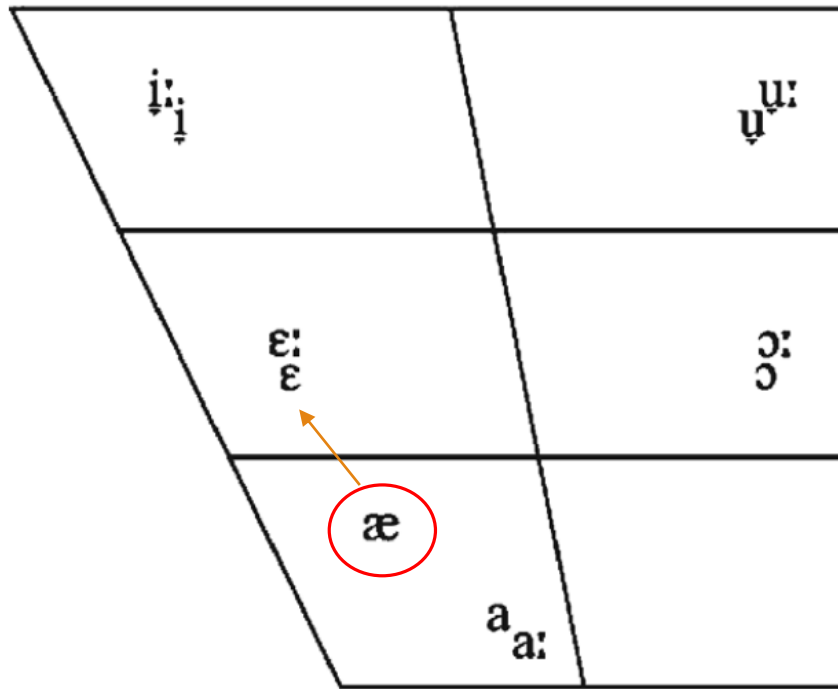


Figure 1 Vowel diagram (left) and plot of F_1 versus $F_2 - F_1$ for average values of ten tokens for each vowel spoken by one female speaker (right).

SHORT VOWELS

ɪ	nɪʃɪ:	<i>nižší</i>	‘lower’
ɛ	vɛnɪ̯ɛts̩	<i>veniec</i>	‘wreath’
a	vakɪ	<i>vaky</i>	‘backpacks’
ɔ	vɔzi	<i>vozy</i>	‘wagons’
ʊ	kʊra	<i>kura</i>	‘chicken’
æ	væzi	<i>väzy</i>	‘ligaments’

LONG VOWELS

ɪ:	vɪ:zva	<i>výzva</i>	‘appeal’
ɛ:	tɛ:za	<i>téza</i>	‘thesis’
a:	va:zi	<i>vázy</i>	‘vases’
ɔ:	tɔ:ni	<i>tóny</i>	‘tones’
ʊ:	fʊ:zi	<i>fúzy</i>	‘mustache’

DIPHTHONGS

ɪa	pɪatɔk	<i>piatok</i>	‘Friday’
ɪɛ	kvɪɛtɔk	<i>kvietok</i>	‘little flower’
ɪʊ	mɛnʃɪʊ	<i>menšiu</i>	‘smaller’ (fem acc)
ʊɔ	vʊɔɲa	<i>vôňa</i>	‘odor’

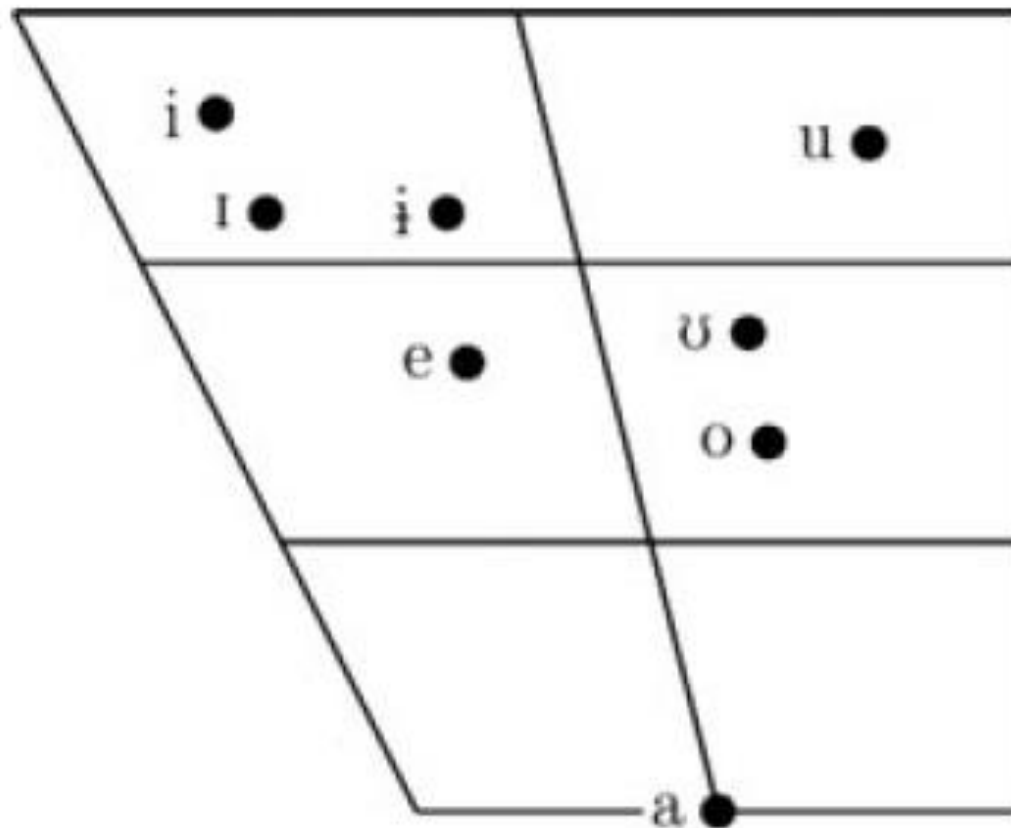
Obersorbisch:



|| 'nidə kas so 'seani 'vit^ha: 'swuntso 'vadʒest^he: | st^hu 'znjeju ja 'siln^jiʃi ||
p^ho 'p^hutʃu 'dʒiʃe 'putʃowa | 'k^hotkɪʃ 'bi'd^ho 'tʃap^hfɛho 'p^hfaʃ:a 'zaba^hb^je'ni ||
'vit^ha: 'swuntso se 'p^hajestej | 'siln^jiʃi a 'd^hobe je tun | 'kotkɪz dɔtʃin^ji | zo
'soputʃowa: syə 'p^hwaʃtʃ 'sletʃe || 'sevani v^jeta: | ze'wʃej moitsu 'dujese ||
'alje tʃim 'bu^hje dujese tʃim 'k^hutʃiʃo so putʃowa do 'swojeho 'p^hvaʃtʃa za
bab^ji || 'boze b^ji 'sevani vit^ha b^jez 'diʃa || a 'n^jit^hk^ho 'swuntso zə 'swojm^ji
'pʃetʃel^jn^jim^ji 'p^hoam^ji po'wet^ho 'k^jejeʃe || a 'lej | h^jizo 'boze sə 'putʃowa
swej p^hfaʃtʃ slets^je || 's^jev^jeni v^jit^ha 'n^jitk^ho 'v^jiɖeʃe | zo b^ji 'swuntso siln^jiʃə
hatʃ wun ||

Howson, P. (2017). Upper Sorbian. *Journal of the International Phonetic Association*, 47(3), 359-367. doi:10.1017/S0025100316000414

Obersorbisch:



Obersorbisch:

/i ɪ ε e ĩ a u ʊ o ɔ/

Jocz (2011)

/i ɪ ε e ĩ a u ʊ o ~~ɔ~~/

Šewc (1966, 1984)
Faßke (1990)

/i ɪ ε e ~~ĩ~~ a u ʊ o ~~ɔ~~/

Pianka & Tokarz (2000)

/ɪ/
/i¹/ *pěc* [p^ji¹ts] ‘stove’

/ʊ/
/u^ʊ/ (e.g. *ból* [bu^ʊl] ‘pain, hurt’)

/ĩ ĩ e ε/ /o ɔ/

Obersorbisch:

i	<i>pisać</i>	[pisaɬʃ]	‘to write’
e	<i>pesimistiski</i>	[p ^h esimistisk ^h i]	‘pessimist’
a	<i>pask</i>	[pask ^h]	‘belt’
u	<i>póstniski</i>	[p ^h ustnisk ^h i]	‘carnival’

ɪ	<i>pěseń</i>	[pisejn]	‘song’
ɨ	<i>pysk</i>	[p ^h ɨsk ^h]	‘bill, snout’
u	<i>pusty</i>	[pust ^h ɨ]	‘waste’
o	<i>posyć</i>	[posɨɬʃ]	‘to sow’

Bulgarisch:



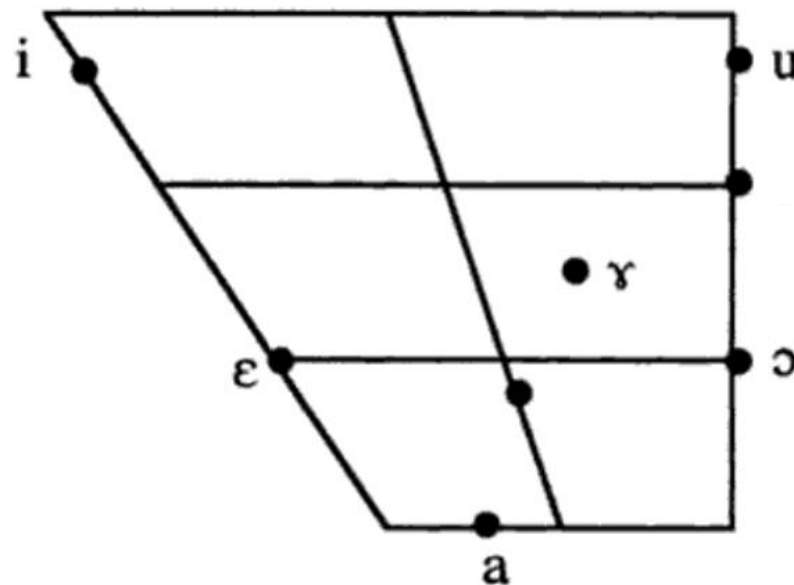
'severnijet 'vjater i 'slyntseto se pre'pirexe 'koj e 'posilen, ko'gato edin 'pytnik, ze'vit f 'tope 'drexə, 'mine pokrej 'tjax. te re'fixe tje 'tozi, 'kojto 'prv nəkare 'pytnike də si sve'li 'drexetə, jte se 'stfite 'posilen od 'drugije. to'gave 'severnijet 'vjater ze'potsne də 'duxe s 'fsitske 'sile, no 'kolkoto 'posilno 'vjateret 'duxeje, 'tolkove 'popletno 'pytniket o'viveje 'drexetə okolo 'sebe si. 'naj 'posle 'severnijet 'vjater pre'kysne o'silijete si. to'gave 'slyntseto ze'potsne də 'gree 'silno, i 'pytniket ved'nage sve'li 'drexetə si. i tēka, 'severnijet 'vjater 'beje pri'nuden də pri'znae, tje 'slyntseto e 'posilno ot 'nego.

Ternes, E., & Vladimirova-Buhtz, T. (1990). Bulgarian. *Journal of the International Phonetic Association*, 20(1), 45-47.
doi:10.1017/S0025100300004072

http://archive.phonetics.ucla.edu/Language/BUL/bul_word-list_1971_01.html

Bulgarisch:

i	<i>kit</i>	‘whale’
ɛ	<i>pet</i>	‘five’
a	<i>mlad</i>	‘young’
ɔ	<i>rod</i>	‘kin’
u	<i>lud</i>	‘crazy’
ɣ	<i>păt</i>	‘path’
[o] (unstressed only)		
[ko'ga]	<i>koga</i>	‘when’
[ɐ] (unstressed only)		
['dumɐ]	<i>duma</i>	‘word’



Kroatisch:



|| sjêve:rni: lědeni: vjêtar i_sû:ntse_su_se prěpirali o_svôjoj snă:zi || stôga
ôdlutfe: da_ônimo ôd_ni:x prîpadne pôbjeda kôji: svû:tfe: | tŝôvjeکا
pû:tnika || vjêtar zăpotfe snă:3no pû:xati | a_bûdu:tçi da_je tŝôvjeکا tŝuŝ:sto
dŝ3ao ôdjetçu | năvali ô:n jôŝ jâtfe: || tŝôvjeکا pâ:k jôŝ jâtfe: ot_stûdeni
prîtisnu:t | navû:tfe: nă_sebe jôŝ vîfe: ôdjetçe: | dôk_se vjêtar ne_ûmori:
i_prěpusti:_ga tâda sû:ntsu || ôno: u_potŝě:tku zăsiја ũmjereno || kăd_je
tŝôvjeکا skînuo suvî:ŝak ôdjetçe: | pövi:si ôno: jôŝ jâtfe: zêgu | dôk_se
tŝôvjeکا | u_nemogû:tcnosti da_ôdoli sûntŝevo:j toplîni ne_svû:tfe: |
i_ně_podze: na_kû:pape u_rijě:ku tekûtcitsu || prî:tŝa pokăzuje:
da_je_tŝê:sto uspŝŝnije: uvjeră:va:je | nêgoli nă:si:ŝe ||

Landau, E., Lončarić, M., Horga, D., & Škarić, I. (1995).
Croatian. *Journal of the International Phonetic Association*, 25(2),
83-86. doi:10.1017/S002510030000520X

http://archive.phonetics.ucla.edu/Language/HRV/hrv_word-list_1976_01.html

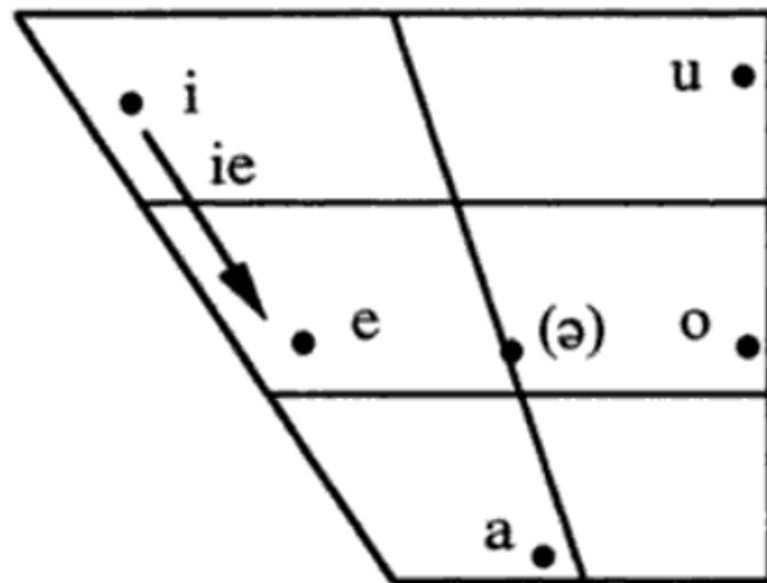
Kroatisch:

Short

i	<i>vīle</i>	<i>vīle</i>	'hayfork'
e	<i>têk</i>	<i>têk</i>	'only'
a	<i>pâs</i>	<i>pâs</i>	'dog'
o	<i>kôd</i>	<i>kôd</i>	'by, at'
u	<i>dûga</i>	<i>dûga</i>	'stave'

Long

i:	<i>uī:le</i>	<i>vīle</i>	'fairies'
e:	<i>tê:k</i>	<i>têk</i>	'appetite'
a:	<i>pâ:s</i>	<i>pâs</i>	'belt'
o:	<i>kô:d</i>	<i>kôd</i>	'code'
u:	<i>dû:ga</i>	<i>dúga</i>	'rainbow'



r [pr̩st]

[ə] [p̩r̩st] *p̩r̩st* 'finger'

ie biělo *bijélo* 'white' (adj)

[ije] [bijělo]

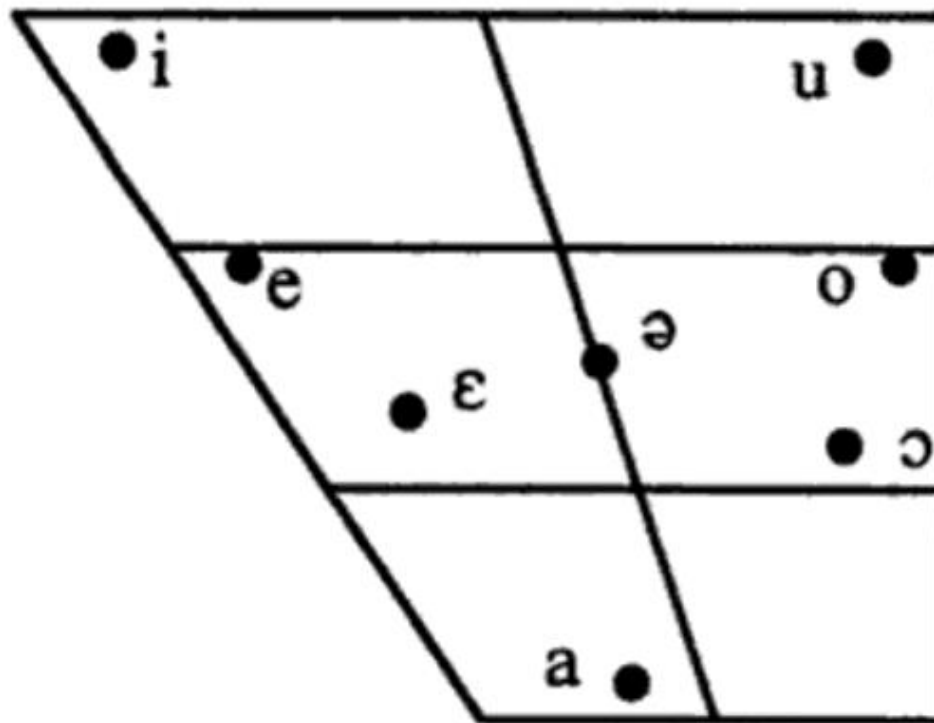
Slovenisch:



'se:vərni 've:tər in 'so:ntse sta se pre'pi:rɐlɐ | ka'te:ri ɔd 'nji:ju je mɔtʃ'neiʃi |
kɔ je 'mi:mɔ pri'ʃeu pɔ'pɔ:tɲik | za'vi:t u 'tɔ:pəu 'pla:ʃtʃ. || dɔgɔvɔ'ri:lɐ sta se
| da bo vɛl'jau za mɔtʃ'neiʃɛgɐ 'ti:sti | ki mu bo 'pə:rʋemʉ u'spe:lɔ | da bo
pɔ'pɔ:tɲik 'sle:kəu svoi 'pla:ʃtʃ. || 'se:vərni 've:tər je za'pi:xau z u'sɔ: mɔ'tʃjo: ||
toda 'bo:l kɔ je 'pi:xau | 'bo:l tə'sn:ɔ je pɔ'pɔ:tɲik | ɔ'vi:jau svoi 'pla:ʃtʃ ɔkɔli
'se:be. || 'kɔ:ntʃnɔ | je 'se:vərni 've:tər pɔ'pu:stiu. || na'to: je 'so:ntse tɔ'plo:
pɔsi'ja:lɔ | in pɔ'pɔ:tɲik je ta'koi 'sle:kəu svoi 'pla:ʃtʃ. || in ta'ko: je 'se:vərni
've:tər 'mo:rɐu pri'znati | da je 'so:ntse mɔtʃ'neiʃɛ ɔd 'nje:ga. ||

Šuštaršič, R., Komar, S., & Petek, B. (1995). Slovene. *Journal of the International Phonetic Association*, 25(2), 86-90.
doi:10.1017/S0025100300005211

Slovenisch:



Srebot-Rejec (1988)

Toporišič (1984):

/i i: a a: u u: ε ε: ɔ ɔ:/

/e: o:/

/ə/

Stressed

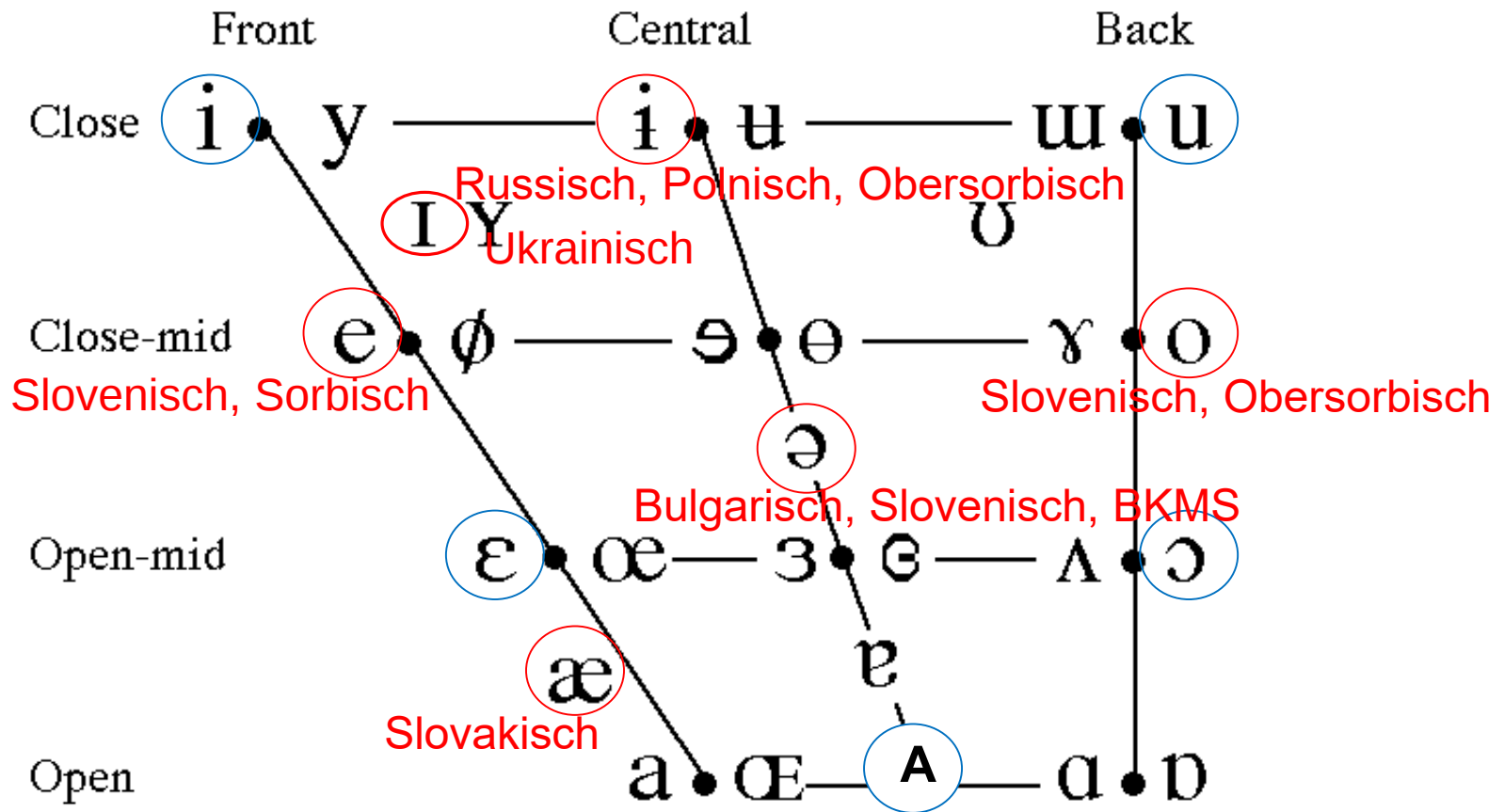
i:	mi:t	<i>mit</i>	'myth'
e:	me:t	<i>med</i>	'honey'
ɛ:	'pɛ:ta	<i>peta</i>	'heel'
a:	ma:t	<i>mat</i>	'checkmate'
ɔ:	'pɔ:tən	<i>poten</i>	'sweaty'
o:	po:t	<i>pot</i>	'path'
u:	pu:st	<i>pust</i>	'carnival'
ə:	pə:s	<i>pes</i>	'dog'

Unstressed

i	'mi:ti	<i>miti</i>	'myths'
e	ʒe 've:	<i>že ve</i>	'already knows'
ɛ	'pɛ:tɛ	<i>pete</i>	'heel' (gen)
a	'ma:ta	<i>mata</i>	'checkmate' (gen)
ɔ	pɔ'te:m	<i>potem</i>	'then'
o	bo 'ʃlo:	<i>bo šlo</i>	'will go'
u	'pu:stu	<i>pustu</i>	'carnival' (dat)
ə	'do:bər	<i>dober</i>	'good'

ei	glei	<i>glej</i>	'look' (imp)
ai	dai	<i>daj</i>	'give' (imp)
oi	toi	<i>toj</i>	'your' (masc sg)
ɔi	bɔi	<i>boj</i>	'battle'
ui	tui	<i>tuj</i>	'foreign'

iu	piu	<i>pil</i>	'drank'
eu	peu	<i>pel</i>	'sang'
ɛu	leu	<i>lev</i>	'lion'
au	pau	<i>pav</i>	'peacock'
ou	pou	<i>pol</i>	'half'
əu	'tɔ:pəu	<i>topel</i>	'warm'



<https://www.radio.cz/de/rubrik/gesagt/blb-vlk-pln-zbrnd-zdrhl-hrd-z-mlh-brd-skrz-vrch-smrk-v-ctvrt-srn-krc>