

LIGN110 Section

Wednesday, 4 November 2020

Anna Mai

Section time: W. 3-3:50pm PST

OH time: F. 9-10am PST

Zoom: ucsd.zoom.us/my/acmai

Email: [acmai at ucscd](mailto:acmai@ucsd.edu)

Housekeeping

Questions?

- How did HW1 go?
- How are things going with your speakers?
- What's the most difficult thing about class so far?
- What's the easiest thing about class so far?

Reminders:

- Wordlist draft due Friday (Nov. 6)
- Mid-quarter evaluation survey

Exercise

Which of the following pairs do not have the same place of articulation?

- a. [l] vs. [ɹ]
- b. [f] vs. [β]
- c. [ŋ] vs. [j]
- d. [ç] vs. [q]

Exercise

Which of the following pairs do not have the same manner of articulation?

- a. [B] vs. [L]
- b. [ϕ] vs. [β]
- c. [ʊ] vs. [ɯ]
- d. [ɸ] vs. [ɣ]

Exercise

Which of the following pairs do not have the same voicing?

- a. [d̥] vs. [ɟ]
- b. [x] vs. [β]
- c. [ø] vs. [ç]
- d. [ʒ] vs. [ɦ]

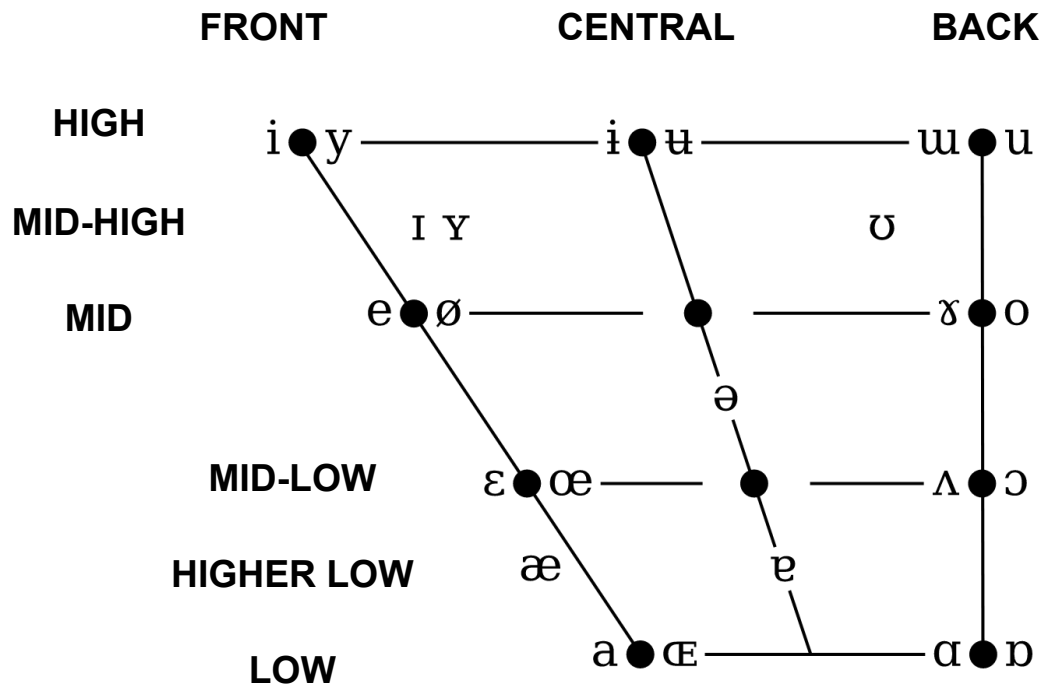
Vowels vs. Glides

- Very similar
- Differ slightly in the degree of constriction
- Example: *yeast* [ji:st] vs *east* [i:st]

Extra short, non-syllabic vowels = glides

- [ə̯ ɛ̯ ʌ̯]
- [ɪ̯ ʏ̯ ʊ̯ ʍ̯] = [j ɥ w ɰ]

Vowel Chart



Notes:

- For pairs of vowels at the same location, left is unrounded and right is rounded.
- all vowels are produced between the velar and palatal regions

Naming Vowels: Round 1

(diacritic) **height** + **frontness** + **rounding** vowel

1. [i]
2. [ɪ]
3. [o]
4. [æ]
5. [ɑ]
6. [ɔ:]
7. [ə]

Naming Vowels: Round 2

(diacritic) **height** + **frontness** + **rounding** vowel

1. [ɥ]
2. [ɔ̞]
3. [ɯ]
4. [ɛ]
5. [ɣ̃]
6. [ɤ]
7. [ɛ̞̞]

Transcription Practice

Sound 1:

- Is the initial consonant voiced or voiceless?
- What is the initial consonant's place of articulation?
- What is its manner of articulation?

Sound 2:

- Is the initial consonant voiced or voiceless?
- What is the initial consonant's place of articulation?
- What is its manner of articulation?

Sound 3:

- Is the initial consonant voiced or voiceless?
- What is the initial consonant's place of articulation?
- What is its manner of articulation?

Secondary Articulations

- Nasalization
 - Velum lowering air escaping through nose
- Rhotacization
 - r-like quality (tongue tip curling/ tongue body hollowing)
- Expanded (advanced/retracted tongue root)
 - Tongue root moving forward/backward
- Length
- Labialization
- Palatalization
- Velarization
- Pharyngealization

*Approximation of active
articulators to the place of
articulation*

Production Practice

Nasalization

Compare: /ba bã/ /ɛ lɛ̃/ /do dõ/ /ka kã/ /ʎi ʎĩ/ /lo lõ/

asã	õfo	uzũ	εθẽ	bεlõ	θẽvɔ
ʎitõ	gõzã	sĩða	dũʒa	pεθã	fufẽ

Labialization

t ^w a	d ^w a	s ^w a	z ^w a	n ^w a	l ^w a
k ^w εgi	l ^w aŋu	kod ^w ε	ŋ ^w aɹi	xεθ ^w a	x ^w anɔ

Production Practice

Palatalization

b^jo φ^ja β^jε p^ji t^ja k^ja d^je
g^jε x^je t^jy t^jɔ la^jλ n^jøkjε

Compare: /s^ja sja/ /s^wi swi/ /f^je fje/ /θ^wε θwε/

Labial-palatalization

t^ɥa d^ɥε l^ɥɔ k^ɥo t^ɥεγɔ dan^ɥu k^ɥalɔ s^ɥinu