

Homework Assignment IV
Due: Wednesday, October 4, 2006 (beginning of class)

I. All sounds

a. Which two features do the following sounds share?

[f], [s], [ʃ], [θ]

b. Which feature do the following sounds share?

[t], [n], [s]

c. Which two features do the following sounds share?

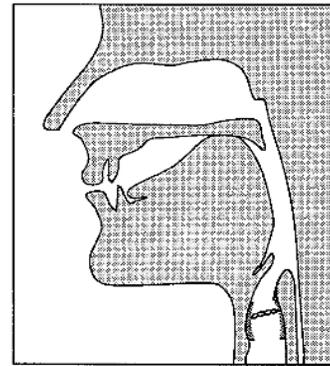
[m], [n], [ŋ]

d. Which sound doesn't belong in this set? Which feature(s) do the others share that this one doesn't have?

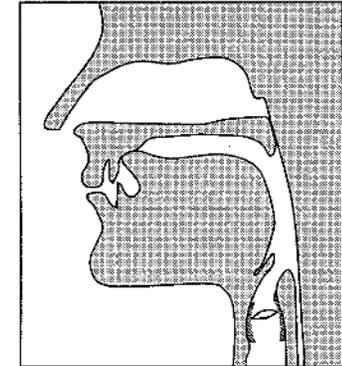
i. { [p], [f], [z], [ʒ] }

ii. { [n], [r], [d], [s] }

e. Which sound do you make with your articulators in the following positions?
(Voicing is shown by two bumpy lines where your vocal cords are, voicelessness by two open lines.)



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2 Sounds and Morphology

What determines the choice of allomorph in the following words?

inaccurate, impolite, impossible, intolerant, indecent, inedible, inoperative, imbalanced, immature, insignificant, infrequent, invisible

Follow the following steps, and answer the questions:

First state which two allomorphs there are. Then make a list of the roots that occur with one allomorph, and a list of roots that occur with the other allomorph.

In one of the lists, all roots have something in common, that seems like a sensible trigger for the choice of allomorph. What is it, and what why can we call it "sensible"?

Explore your intuitions on the word incompatible, especially when you say it fast. Does the pronunciation of "in" change for you? If so, how and is that something you'd expect given what we saw above? If not, what kind of change would you expect given the data above?