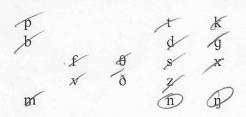
LING 119 / Ahn - Breiss - Katsuda

Week 2 quiz

Here is a phoneme inventory for an imaginary language:



1. What is the set of phonemes above that are [+ sonorant, - approximant, - labial]?

2. Write the narrowest feature matrix which picks out $\{f, \theta, x\}$ from inventory above.

+ cantiment + delayed release] You need [-strident] to exclude 15/ - vaice

3. Combine these two rules into a single rule, using features (assume the same phoneme inventory above)

- high

- high

+ tense

+ front

- high

- tense

+ continuent

+ delayed release

+ concerned

- distributed to exclude

- distributed to exclude

When you write your rule, you should be able to make sure that you don't predict:

 $o \rightarrow u / \{s, z\}$

- 4. Write the following rule as a sentence: /s, z/ → [t] / # You just needed to write a sentence

 + continuent

 + continuent

 + convened

 + convened

 continuent

 vaice

 continuent

 vaice

 this is more than
 - 5. Write the following sentence as a rule: voiceless stops become voiced after nasals.

- continuent] - t vaine] / i + nasal] -