

Hall  
Ling 503  
Spring 2006

### Recognizing patterns in segments

This exercise is similar to the first homework assignment, but makes use of the characteristics of phonological symbols that we have been talking about this week. Your task is again to look at each pair of sequences and decide which one is a pattern and which one is random. This time, however, I will tell you what the inventory of symbols is: the IPA symbols from the book. Each sequence will make use of these symbols, but one will have a specific pattern while one will be (more or less) random. The pattern will make use of the characteristics of speech sounds like “velar” and “high” and “voiceless,” etc. After you have decided which sequence shows a pattern, indicate what the pattern is and write two more symbols that could continue the pattern (there may be more than one choice for each pattern!).

1. [i u a ü ɪ æ ʊ i ə]            [d ɸ l u ŋ θ ɥ d ŋ]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern:

2. [p z b<sup>v</sup> d š č g f j p s t<sup>s</sup>]    [β χ φ a e i o u p t g ŋ]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern:

3. [m č b š p j b ž m j]            [a c d g u i x f z h]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern:

4. [o e i ɔ i ü α ë ι ɔ æ ε]      [i e u i a ë u u i o o o]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern:

5. [ŋ ã θ ŋ ɲ i ù ě ʝ m ɲ x]      [λ ʝ x ɔ ŋ g k ʎ r ð k p]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern:

6. [p ɣ b x p x p ɣ b ɣ]      [θ a φ ʒ ŋ ɲ ã θ t ʌ]

Which one has a pattern?

What is the pattern?

Two more symbols that would continue the pattern: