

# 1 Proto-ljb

## 1.1 Onsets

- Plosive + fricative
- Plosive + sonorant
- Fricative + sonorant

## 1.2 Codas

- Sonorant + fricative
- Sonorant + plosive
- Fricative + plosive

# 2 Proto-western

## 2.1 Syllabic consonants

Syllabic consonants can't occur adjacent to vowels, and can't be followed by a sonorant consonant, so when they desyllabify, they don't change the permissible onsets or codas.

$$\begin{aligned} *_{\text{ə}}\{m, \eta^w\} &\rightarrow *_{\text{u}}\{N\} / \{C\} \_ \{C: - \text{sonorant}\} \\ *_{\text{ə}}\{n, \eta\} &\rightarrow *_{\text{ə}}\{N\} / \{C\} \_ \{C: - \text{sonorant}\} \\ *_{\text{ə}}\{l, r\} &\rightarrow *_{\text{ə}}\{l, r\} / \{C\} \_ \{C: - \text{sonorant}\} \\ *_{\{m, \eta^w\}\text{ə}} &\rightarrow *_{\text{u}}\{N\} / \{C\} \_ \{C: - \text{sonorant}\} \\ *_{\{n, \eta\}\text{ə}} &\rightarrow *_{\text{ə}}\{N\} / \{C\} \_ \{C: - \text{sonorant}\} \\ *_{\{l, r\}\text{ə}} &\rightarrow *_{\text{ə}}\{l, r\} / \{C\} \_ \{C: - \text{sonorant}\} \end{aligned}$$

## 2.2 $*_{\{h, \text{f}\}}\text{ə}$

$*_{\{h, \text{f}\}}\text{ə}$  is lost:

- After vowels (with compensatory lengthening) – no change in syllable shape
- Between consonants – merger of consonant clusters
- Initially before  $*_s$  – new clusters

### 2.2.1 Consonant cluster mergers

In general, consonants disappear between non sonorants, so the maximal cluster is two non-sonorants surrounded by two sonorants.

### **2.3 Initial \*s clusters**

Initial \*s clusters are maximally \*s plus a non sonorant plus a sonorant.

### **2.4 Final clusters**

Plosives disappear finally after plosives, and fricatives after fricatives, and sonorants after non-sonorants, so final clusters are maximally a sonorant plus a fricative a plosive (in either order).

## **3 Old Seoru**