

Phonological Features

Linguistics 201

Vowels	i	ɪ	e	ɛ	æ	ĩ	ə	ʌ	a	ɑ	u	o	ʊ
consonant	-	-	-	-	-	-	-	-	-	-	-	-	-
vowel	+	+	+	+	+	+	+	+	+	+	+	+	+
voice	+	+	+	+	+	+	+	+	+	+	+	+	+
round	-	-	-	-	-	-	-	-	-	-	+	+	+
high	+	+	-	-	-	+	-	-	-	-	+	-	+
back	-	-	-	-	-	-	-	+	+	+	+	+	+
front	+	+	+	+	+	-	-	-	-	-	-	-	-
low	-	-	-	-	+	-	-	-	+	+	-	-	-
tense	+	-	+	-	-	-	-	-	+	+	+	+	-

Note that no diphthongs appear in this chart. For the cases we will confront, we won't need to deal with [ɔɪ], [aɪ] or [aʊ]. For the others, because we will never have to distinguish diphthongs from their nearest pure vowels, we can treat them the same. Thus, treat [eɪ] the same as [e], [iɪ] the same as [i], [oʊ] the same as [o] and [uʊ] the same as [u]. Note also that [a] and [ɑ] have the same features. We will never work on a language where these vowels are both present, so we needn't consider the feature that distinguishes them.

Consonants	p	b	t	d	k	g	f	v	s	z	θ	ð	ʃ	ʒ	ʧ	ʤ	m	n	ɲ	l	ɭ	j	w	ʍ	h	ʔ
consonant	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-
vowel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sonorant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	+	-	-	-
voice	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	+	+	+	+	+	+	+	-	-	-
labial	+	+	-	-	-	-	+	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+	+	-	-
coronal	-	-	+	+	-	-	-	-	+	+	+	+	+	+	+	+	-	+	-	+	+	-	-	-	-	-
anterior	+	+	+	+	-	-	+	+	+	+	+	+	-	-	-	-	+	+	-	+	+	-	-	-	-	-
strident	-	-	-	-	-	-	-	-	+	+	-	-	+	+	+	+	-	-	-	-	-	-	-	-	-	-
nasal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-
continuant	-	-	-	-	-	-	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	-
back	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+	+
lateral	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
	p	b	t	d	k	g	f	v	s	z	θ	ð	ʃ	ʒ	ʧ	ʤ	m	n	ɲ	l	ɭ	j	w	ʍ	h	ʔ