Features per Segment – Kaloyan Kanev

Suggested Method: Ctrl-F to find and highlight a feature. Allows you to see which segments share which features.

Coronal Obstruents

/t/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/d/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/s/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [+strident], [-lateral], [-delayed release], [-nasal]

/z/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [+strident], [-lateral], [-delayed release], [-nasal]

/ɬ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [+SG], [-CG], [+continuant], [-strident], [+lateral], [-delayed release], [-nasal]

/ɮ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [+lateral], [-delayed release], [-nasal]

/θ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ð/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʃ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʒ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

Palatal Obstruents

/c/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɟ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ç/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʝ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

Non-Coronal Obstruents

/p/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/b/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/f/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [+strident], [-lateral], [-delayed release], [-nasal]

/v/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [+strident], [-lateral], [-delayed release], [-nasal]

/ɸ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/β/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/k/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/g/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/x/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɣ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/q/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɢ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/χ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʁ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ħ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [-DORSAL], [+PHARYNGEAL], [-ATR], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʕ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [-DORSAL], [+PHARYNGEAL], [-ATR], [-voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

Laryngials

/h/: [-syllabic], [-consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [+SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɦ/: [-syllabic], [-consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [+voice], [+SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʔ/: [-syllabic], [-consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [+CG], [-continuant], [-strident], [-lateral], [-delayed release], [-nasal]

Affricates

/tʃ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-continuant], [+strident], [-lateral], [+delayed release], [-nasal]

/dʒ/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [-anterior], [+distributed], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-continuant], [+strident], [-lateral], [+delayed release], [-nasal]

/ts/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-continuant], [+strident], [-lateral], [+delayed release], [-nasal]

/dz/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-continuant], [+strident], [-lateral], [+delayed release], [-nasal]

/kx/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-continuant], [-strident], [-lateral], [+delayed release], [-nasal]

/pf/: [-syllabic], [+consonantal], [-approximant], [-sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [-voice], [-SG], [-CG], [+continuant], [-continuant], [+strident], [-lateral], [+delayed release], [-nasal]

Nasals

/m/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [+LABIAL], [-round], [-CORONAL], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

/n/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

/ŋ/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

/ɳ/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [-LABIAL], [+CORONAL], [-anterior], [-distributed], [+DORSAL], [-high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

/ɲ/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

/ɴ/: [-syllabic], [+consonantal], [-approximant], [+sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [-continuant], [-strident], [-lateral], [-delayed release], [+nasal]

Approximants

/l/: [-syllabic], [+consonantal], [+approximant], [+sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [+lateral], [-delayed release], [-nasal]

/ɭ/: [-syllabic], [+consonantal], [+approximant], [+sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [+lateral], [-delayed release], [-nasal]

/r/: [-syllabic], [+consonantal], [+approximant], [+sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɹ/: [-syllabic], [+consonantal], [+approximant], [+sonorant], [-LABIAL], [+CORONAL], [+anterior], [-distributed], [-DORSAL], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʁ/: [-syllabic], [+consonantal], [+approximant], [+sonorant], [-LABIAL], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/j/: [-syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [-round], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/w/: [-syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɥ/: [-syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɥ/: [-syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [-round], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [-PHARYNGEAL], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

Vowels

/i/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɪ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/u/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʊ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/e/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [-high], [-low], [-back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɛ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [-high], [-low], [-back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/o/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ɔ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/a/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [-high], [+low], [-back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/æ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [-high], [+low], [-back], [+tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/y/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ʏ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [-back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/ø/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [-high], [-low], [-back], [+tense], [+PHARYNGEAL], [+ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/œ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [-CORONAL], [+DORSAL], [-high], [-low], [-back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/œ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [-high], [-low], [+back], [-tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]

/œ/: [+syllabic], [-consonantal], [+approximant], [+sonorant], [+LABIAL], [+round], [-CORONAL], [+DORSAL], [+high], [-low], [+back], [+tense], [+PHARYNGEAL], [-ATR], [+voice], [-SG], [-CG], [+continuant], [-strident], [-lateral], [-delayed release], [-nasal]