

Natural Classes & Features

VOWELS

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|------------------------------------|---|
| 1. all vowels | 1. [+syllabic] |
| 2. all front vowels | 2. [+syllabic, -back] |
| 3. all high vowels | 3. [+syllabic, +high] |
| 4. all round vowels | 4. [+syllabic, +labial] |
| 5. all front round vowels | 5. [+syllabic, -back, +labial] |
| 6. all mid vowels | 6. [+syllabic, -high, -low] |
| 7. all round mid vowels | 7. [+syllabic, -high, -low, +labial] |
| 8. [a] | 8. [+syllabic, +low] |
| 9. all vowels except [a] | 9. [+syllabic -low] |
| 10. all high vowels and low vowels | 10. [+syllabic, αhigh, -αlow] |
| 11. [i] and [u] | 11. [+syllabic, + high, αback, αlabial] |

CONSONANTS

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|------------------------------------|---|
| 1. all consonants | 1. [-syllabic] |
| 2. all obstruents | 2. [-syllabic, -sonorant] → [-sonorant] |
| 3. all resonants | 3. [-syllabic, +sonorant] |
| 4. nasals and liquids | 4. [+consonantal, +sonorant] |
| 5. liquids (laterals, and rhotics) | 5. [+consonantal, +sonorant, -nasal] |
| 6. fricatives | 6. [-sonorant, +continuant] |
| 7. [f, s] | 7. [+strident] |
| 8. [k, x, w] | 8. [-syllabic, +back] |
| 9. [p, m] | 9. [-continuant, +labial] |
| 10. [t, p] | 10. [-continuant, +anterior, -nasal] |
| 11. [t, p, m, l] | 11. [-continuant, +anterior] |