

Features paced reading

Local absolute jitter
ppq5 jitter
rap jitter
local jitter
apq11_shimmer
local dB shimmer
local shimmer
apq3 shimmer
apq 5 shimmer
pitch max
pitch min
pitch STD
pitch mean
pitch range
hnr mean
hnr SD
loudness mean
loudness SD
f1 frequency mean
f1 frequency SD
f2 frequency mean
f2 frequency SD
f3 frequency mean
f3 frequency SD
h1_a3 harmonic difference mean
h1_a3 harmonic difference SD
spectral_slope 0 500 mean
spectral_slope 0 500 SD
spectral_slope_500_1500 mean
spectral_slope_500_1500 SD
vocal tremor
hammarberg index mean
hammarberg index SD
MFCCS 1
MFCCS 2
MFCCS 3
MFCCS 4
pause durations sum
pause durations mean
pause rate
utterance durations mean
utterance durations SD
jitter ddp
shimmer dda
f1 bandwidth mean

Features sustained phonation

detrended fluctuation analysis
first loudness drop time
spectral contrast mean
spectral contrast sd
spectral flatness mean
spectral flatness sd
spectral rolloff mean
spectral rolloff sd
tonnetz fifth x mean
tonnetz fifth x sd
tonnetz fifth y mean
tonnetz fifth y sd
tonnetz major third x mean
tonnetz major third x sd
tonnetz major third y mean
tonnetz major third y sd
tonnetz minor third x mean
tonnetz minor third x sd
tonnetz minor third y mean
tonnetz minor third y sd
vowel duration
average mfccs 1
average mfccs 2
average mfccs 3
average mfccs 4
alpha ratio sd
apq11 shimmer
dda shimmer
ddp jitter
duration
f1 bandwidth sd
f1 frequency mean
f1 frequency sd
f1 relative energy mean
f1 relative energy sd
f2 bandwidth mean
f2 frequency mean
f2 frequency sd
f2 relative energy mean
f2 relative energy sd
f3 bandwidth mean
f3 bandwidth sd
f3 frequency mean
f3 frequency sd
f3 relative energy mean

f1 relative energy mean	f3 relative energy sd
f2 bandwidth mean	h1 a3 harmonic difference mean
f2 relative energy mean	h1 a3 harmonic difference SD
f3 bandwidth mean	h1 h2 harmonic difference mean
f3 relative energy mean	h1 h2 harmonic difference SD
h1_h2 harmonic difference mean	hammarberg index mean
f1 bandwidth SD	hammarberg index sd
f1 relative energy SD	hnr mean
f2 bandwidth SD	hnr sd
f2 relative energy SD	local absolute jitter
f3 bandwidth SD	local dB shimmer
f3 relative energy SD	local shimmer
h1_h2 harmonic difference SD	loudness mean
number of pauses	loudness sd
duration	pause durations sum
signal to noise ratio	pause durations mean
speech ratio	pause durations sd
utterance durations mean	number of pauses
alpha ratio mean	pause rate
utterance durations SD	ppq5 jitter
alpha ratio SD	rap jitter
pitch coefficient_of_variation	rate loudness peaks
pitch skewness	signal to noise ratio
pitch kurtosis	spectral slope 0 500 mean
pitch first quartile	spectral slope 0 500 SD
pitch q2-q1	spectral slope 500 1500 mean
pitch q3-q2	spectral slope 500 1500 SD
pitch percentile 1	speech ratio
pitch percintile 1-99	utterance durations sum
pitch percentile 20	utterance durations mean
pitch percentile 20-80	utterance durations sd
pitch linear regression offset	vocal tremor
pitch linear regression slope	pitch max
pitch linear regression mse	pitch min
pitch second quartile	pitch coefficient of variation
pitch third quartile	pitch skewness
pitch q3-q1 range	pitch kurtosis
pitch percentile 99	pitch first quartile
pitch percentile 80	pitch q2 q1 range
	pitch q3 q2 range
	pitch percentile 1
	pitch percentile 1 99 range
	pitch percentile 20 80 range
	pitch linear regression offset
	pitch linear regression slope

pitch linear regression mse
apq3 shimmer
apq5 shimmer
f1 bandwidth mean
f2 bandwidth sd
pitch mean
pitch std
pitch range
pitch second quartile
pitch q3 q1 range
pitch percentile 99
pitch percentile 20
pitch percentile 80
alpha ratio mean
alpha ratio mean