|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=667) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=476) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=230) | Fifties Male (50-59)   (N=40) | Fifties Female (50-59)   (N=128) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2459) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 25.07 (+/- 4.71) | 33.538 (+/- 3.733) | 24.87 (+/- 4.977) | 32.135 (+/- 5.521) | 24.736 (+/- 5.729) | 31.79 (+/- 6.145) | 25.135 (+/- 3.591) | 31.765 (+/- 3.219) | 26.092 (+/- 5.563) | 31.587 (+/- 4.839) | 29.964 (+/- 6.055) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.2 (+/- 0.108) | 0.142 (+/- 0.069) | 0.178 (+/- 0.097) | 0.135 (+/- 0.07) | 0.205 (+/- 0.114) | 0.136 (+/- 0.067) | 0.198 (+/- 0.113) | 0.142 (+/- 0.073) | 0.229 (+/- 0.123) | 0.162 (+/- 0.075) | 0.159 (+/- 0.088) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.288 (+/- 4.564) | 31.297 (+/- 4.953) | 22.294 (+/- 4.81) | 29.885 (+/- 5.985) | 21.717 (+/- 5.104) | 29.342 (+/- 6.496) | 22.245 (+/- 3.477) | 28.966 (+/- 4.814) | 22.002 (+/- 5.419) | 28.484 (+/- 5.659) | 27.447 (+/- 6.548) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.979 (+/- 4.602) | 33.535 (+/- 3.883) | 23.988 (+/- 4.85) | 31.883 (+/- 5.538) | 23.374 (+/- 6.001) | 31.62 (+/- 6.178) | 23.948 (+/- 3.685) | 31.584 (+/- 3.376) | 24.875 (+/- 5.689) | 31.177 (+/- 4.838) | 29.502 (+/- 6.366) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.686 (+/- 6.042) | 35.73 (+/- 3.699) | 26.72 (+/- 6.076) | 34.153 (+/- 5.801) | 26.89 (+/- 7.532) | 33.847 (+/- 6.493) | 27.332 (+/- 5.428) | 34.109 (+/- 2.808) | 28.986 (+/- 8.245) | 34.145 (+/- 5.157) | 32.008 (+/- 6.664) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.397 (+/- 4.4) | 4.433 (+/- 3.859) | 4.426 (+/- 4.027) | 4.269 (+/- 3.616) | 5.172 (+/- 5.086) | 4.505 (+/- 3.662) | 5.088 (+/- 4.345) | 5.143 (+/- 4.049) | 6.983 (+/- 7.282) | 5.66 (+/- 4.61) | 4.561 (+/- 4.106) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 259.753 (+/- 197.187) | 244.078 (+/- 136.187) | 229.812 (+/- 185.313) | 217.756 (+/- 132.108) | 281.963 (+/- 243.462) | 208.444 (+/- 133.078) | 249.252 (+/- 196.752) | 202.33 (+/- 113.323) | 342.342 (+/- 226.745) | 251.983 (+/- 149.434) | 237.529 (+/- 162.154) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 435.424 (+/- 349.871) | 360.35 (+/- 207.936) | 381.662 (+/- 341.476) | 338.21 (+/- 213.536) | 438.344 (+/- 361.859) | 333.782 (+/- 229.055) | 409.966 (+/- 341.95) | 333.595 (+/- 216.405) | 504.022 (+/- 342.267) | 411.581 (+/- 239.659) | 374.313 (+/- 272.136) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 111.111 (+/- 94.553) | 109.332 (+/- 70.08) | 87.069 (+/- 73.682) | 96.192 (+/- 69.742) | 108.947 (+/- 103.013) | 94.871 (+/- 64.633) | 94.552 (+/- 99.003) | 85.466 (+/- 72.237) | 110.687 (+/- 92.164) | 89.141 (+/- 53.689) | 100.816 (+/- 76.944) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 181.014 (+/- 201.545) | 200.432 (+/- 170.473) | 147.546 (+/- 164.001) | 172.734 (+/- 160.718) | 168.867 (+/- 189.776) | 175.556 (+/- 163.172) | 149.383 (+/- 170.024) | 156.96 (+/- 171.441) | 162.799 (+/- 159.467) | 155.933 (+/- 144.51) | 176.519 (+/- 172.679) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.316 (+/- 0.233) | 0.338 (+/- 0.25) | 0.35 (+/- 0.261) | 0.345 (+/- 0.278) | 0.308 (+/- 0.261) | 0.356 (+/- 0.268) | 0.379 (+/- 0.25) | 0.38 (+/- 0.307) | 0.318 (+/- 0.184) | 0.385 (+/- 0.255) | 0.342 (+/- 0.259) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.869 (+/- 0.326) | 0.831 (+/- 0.3) | 0.822 (+/- 0.297) | 0.828 (+/- 0.271) | 0.826 (+/- 0.296) | 0.874 (+/- 0.283) | 0.797 (+/- 0.232) | 0.863 (+/- 0.249) | 0.866 (+/- 0.364) | 0.871 (+/- 0.271) | 0.842 (+/- 0.294) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.089 (+/- 0.097) | 0.097 (+/- 0.104) | 0.113 (+/- 0.115) | 0.1 (+/- 0.113) | 0.1 (+/- 0.118) | 0.092 (+/- 0.108) | 0.113 (+/- 0.076) | 0.104 (+/- 0.098) | 0.091 (+/- 0.104) | 0.092 (+/- 0.085) | 0.098 (+/- 0.106) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.23 (+/- 0.198) | 0.257 (+/- 0.206) | 0.256 (+/- 0.224) | 0.253 (+/- 0.236) | 0.226 (+/- 0.216) | 0.248 (+/- 0.212) | 0.274 (+/- 0.196) | 0.278 (+/- 0.284) | 0.219 (+/- 0.15) | 0.279 (+/- 0.221) | 0.252 (+/- 0.219) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.523 (+/- 0.399) | 0.562 (+/- 0.424) | 0.573 (+/- 0.444) | 0.577 (+/- 0.484) | 0.5 (+/- 0.447) | 0.608 (+/- 0.483) | 0.631 (+/- 0.48) | 0.641 (+/- 0.541) | 0.533 (+/- 0.334) | 0.671 (+/- 0.482) | 0.571 (+/- 0.451) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.434 (+/- 0.354) | 0.465 (+/- 0.367) | 0.46 (+/- 0.391) | 0.478 (+/- 0.433) | 0.401 (+/- 0.397) | 0.516 (+/- 0.438) | 0.518 (+/- 0.454) | 0.537 (+/- 0.488) | 0.442 (+/- 0.324) | 0.579 (+/- 0.456) | 0.473 (+/- 0.402) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 5.807 (+/- 4.255) | 6.142 (+/- 4.325) | 6.105 (+/- 4.643) | 6.261 (+/- 4.779) | 5.222 (+/- 4.265) | 6.834 (+/- 5.159) | 6.605 (+/- 4.891) | 6.924 (+/- 5.068) | 5.333 (+/- 3.144) | 6.674 (+/- 4.431) | 6.195 (+/- 4.573) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.953 (+/- 3.24) | 4.034 (+/- 2.946) | 4.155 (+/- 3.17) | 4.035 (+/- 3.109) | 3.534 (+/- 2.945) | 4.363 (+/- 3.515) | 4.231 (+/- 2.889) | 4.383 (+/- 3.401) | 3.404 (+/- 2.061) | 4.047 (+/- 2.48) | 4.062 (+/- 3.106) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.192 (+/- 3.144) | 4.298 (+/- 3.437) | 4.511 (+/- 3.656) | 4.368 (+/- 3.518) | 3.777 (+/- 3.002) | 4.878 (+/- 4.014) | 4.941 (+/- 3.495) | 4.81 (+/- 3.608) | 4.0 (+/- 2.509) | 4.707 (+/- 3.156) | 4.401 (+/- 3.469) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 3.132 (+/- 2.819) | 3.085 (+/- 2.639) | 3.24 (+/- 2.574) | 3.02 (+/- 2.335) | 2.666 (+/- 2.056) | 3.397 (+/- 2.959) | 3.308 (+/- 2.039) | 3.127 (+/- 2.223) | 2.702 (+/- 1.679) | 3.051 (+/- 1.927) | 3.11 (+/- 2.548) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.029 (+/- 0.011) | 0.028 (+/- 0.009) | 0.029 (+/- 0.011) | 0.027 (+/- 0.01) | 0.031 (+/- 0.012) | 0.028 (+/- 0.011) | 0.03 (+/- 0.008) | 0.028 (+/- 0.01) | 0.033 (+/- 0.012) | 0.027 (+/- 0.007) | 0.028 (+/- 0.01) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.484 (+/- 0.432) | 1.928 (+/- 0.425) | 1.452 (+/- 0.456) | 1.778 (+/- 0.498) | 1.429 (+/- 0.447) | 1.702 (+/- 0.487) | 1.468 (+/- 0.414) | 1.701 (+/- 0.397) | 1.47 (+/- 0.496) | 1.635 (+/- 0.38) | 1.692 (+/- 0.486) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.258 (+/- 0.293) | 1.081 (+/- 0.202) | 1.233 (+/- 0.312) | 1.083 (+/- 0.266) | 1.273 (+/- 0.379) | 1.093 (+/- 0.26) | 1.236 (+/- 0.235) | 1.118 (+/- 0.174) | 1.308 (+/- 0.359) | 1.096 (+/- 0.194) | 1.145 (+/- 0.273) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.891 (+/- 0.172) | 0.966 (+/- 0.169) | 0.889 (+/- 0.169) | 0.918 (+/- 0.206) | 0.845 (+/- 0.191) | 0.905 (+/- 0.219) | 0.867 (+/- 0.126) | 0.919 (+/- 0.142) | 0.809 (+/- 0.172) | 0.881 (+/- 0.168) | 0.915 (+/- 0.185) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.633 (+/- 1.776) | 8.261 (+/- 1.86) | 4.649 (+/- 1.874) | 7.52 (+/- 2.114) | 4.192 (+/- 1.822) | 7.398 (+/- 2.111) | 4.582 (+/- 1.585) | 7.399 (+/- 1.679) | 4.572 (+/- 1.802) | 6.973 (+/- 1.675) | 6.655 (+/- 2.462) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.749 (+/- 2.32) | 0.483 (+/- 0.475) | 0.64 (+/- 1.315) | 0.428 (+/- 0.901) | 0.73 (+/- 1.298) | 0.468 (+/- 0.193) | 0.608 (+/- 0.28) | 0.48 (+/- 0.218) | 0.671 (+/- 0.476) | 0.508 (+/- 0.181) | 0.547 (+/- 1.157) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.608 (+/- 6.014) | 6.394 (+/- 5.135) | 3.869 (+/- 5.318) | 5.369 (+/- 5.953) | 3.894 (+/- 6.505) | 5.103 (+/- 4.598) | 2.916 (+/- 5.533) | 5.37 (+/- 5.286) | 2.622 (+/- 4.824) | 5.941 (+/- 4.774) | 5.197 (+/- 5.564) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | -0.372 (+/- 28.897) | 3.412 (+/- 41.737) | 2.656 (+/- 18.171) | 1.745 (+/- 9.653) | 1.617 (+/- 4.748) | 2.156 (+/- 14.405) | 1.507 (+/- 5.032) | 0.161 (+/- 10.889) | 1.342 (+/- 6.842) | 0.983 (+/- 14.371) | 1.924 (+/- 26.331) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 22.567 (+/- 8.155) | 23.254 (+/- 6.754) | 22.185 (+/- 8.157) | 21.982 (+/- 7.109) | 20.775 (+/- 7.94) | 21.673 (+/- 6.934) | 20.515 (+/- 11.255) | 22.963 (+/- 5.998) | 19.756 (+/- 9.779) | 22.755 (+/- 6.984) | 22.377 (+/- 7.454) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.54 (+/- 0.952) | 0.633 (+/- 1.322) | 0.502 (+/- 1.143) | 0.868 (+/- 4.216) | 0.654 (+/- 1.051) | 1.538 (+/- 13.914) | 0.522 (+/- 0.516) | 0.589 (+/- 0.336) | 0.488 (+/- 1.69) | 0.452 (+/- 1.801) | 0.726 (+/- 4.758) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 568.051 (+/- 99.417) | 674.07 (+/- 69.121) | 574.688 (+/- 112.268) | 652.494 (+/- 109.134) | 555.228 (+/- 125.515) | 657.14 (+/- 121.818) | 580.304 (+/- 95.23) | 655.197 (+/- 53.087) | 577.648 (+/- 124.518) | 643.509 (+/- 90.018) | 629.776 (+/- 107.535) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.307 (+/- 0.061) | 0.242 (+/- 0.042) | 0.302 (+/- 0.061) | 0.245 (+/- 0.056) | 0.311 (+/- 0.072) | 0.245 (+/- 0.057) | 0.323 (+/- 0.057) | 0.258 (+/- 0.038) | 0.328 (+/- 0.072) | 0.263 (+/- 0.047) | 0.267 (+/- 0.062) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1392.778 (+/- 177.195) | 1383.01 (+/- 116.59) | 1396.454 (+/- 180.62) | 1381.173 (+/- 203.659) | 1366.933 (+/- 237.494) | 1366.907 (+/- 232.236) | 1405.042 (+/- 88.395) | 1409.864 (+/- 58.561) | 1371.045 (+/- 243.211) | 1398.898 (+/- 165.285) | 1385.726 (+/- 173.784) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.167 (+/- 0.046) | 0.174 (+/- 0.032) | 0.163 (+/- 0.04) | 0.165 (+/- 0.038) | 0.171 (+/- 0.057) | 0.166 (+/- 0.039) | 0.172 (+/- 0.043) | 0.166 (+/- 0.026) | 0.184 (+/- 0.058) | 0.167 (+/- 0.032) | 0.169 (+/- 0.039) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -136.652 (+/- 27.16) | -125.534 (+/- 25.361) | -134.327 (+/- 29.713) | -128.192 (+/- 28.931) | -139.486 (+/- 29.244) | -129.663 (+/- 29.384) | -134.656 (+/- 28.664) | -124.771 (+/- 26.038) | -132.959 (+/- 29.589) | -119.052 (+/- 26.518) | -129.757 (+/- 28.083) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.653 (+/- 0.225) | -0.723 (+/- 0.197) | -0.672 (+/- 0.246) | -0.706 (+/- 0.233) | -0.625 (+/- 0.227) | -0.701 (+/- 0.247) | -0.672 (+/- 0.232) | -0.738 (+/- 0.211) | -0.686 (+/- 0.242) | -0.788 (+/- 0.225) | -0.698 (+/- 0.226) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1511.652 (+/- 191.811) | 1653.909 (+/- 130.236) | 1514.69 (+/- 198.736) | 1605.54 (+/- 232.972) | 1486.103 (+/- 262.134) | 1601.166 (+/- 270.07) | 1533.016 (+/- 89.247) | 1624.541 (+/- 53.292) | 1498.534 (+/- 264.102) | 1594.699 (+/- 185.902) | 1585.699 (+/- 203.23) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.147 (+/- 0.027) | 0.138 (+/- 0.021) | 0.146 (+/- 0.028) | 0.135 (+/- 0.029) | 0.147 (+/- 0.033) | 0.137 (+/- 0.031) | 0.152 (+/- 0.022) | 0.139 (+/- 0.018) | 0.151 (+/- 0.034) | 0.141 (+/- 0.022) | 0.14 (+/- 0.027) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -138.829 (+/- 25.949) | -126.749 (+/- 24.6) | -136.906 (+/- 28.428) | -129.509 (+/- 28.161) | -141.445 (+/- 27.907) | -130.884 (+/- 28.729) | -136.998 (+/- 27.967) | -126.772 (+/- 25.133) | -133.836 (+/- 28.743) | -120.818 (+/- 25.534) | -131.416 (+/- 27.232) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.604 (+/- 0.199) | -0.673 (+/- 0.175) | -0.616 (+/- 0.208) | -0.659 (+/- 0.212) | -0.579 (+/- 0.202) | -0.655 (+/- 0.224) | -0.621 (+/- 0.211) | -0.682 (+/- 0.183) | -0.647 (+/- 0.218) | -0.728 (+/- 0.196) | -0.648 (+/- 0.201) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2469.776 (+/- 299.525) | 2615.867 (+/- 196.59) | 2467.329 (+/- 303.331) | 2550.587 (+/- 364.393) | 2427.374 (+/- 412.643) | 2538.23 (+/- 422.319) | 2494.056 (+/- 77.828) | 2598.272 (+/- 74.047) | 2433.004 (+/- 414.526) | 2560.998 (+/- 293.814) | 2539.784 (+/- 308.062) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.086 (+/- 0.018) | 0.086 (+/- 0.015) | 0.085 (+/- 0.018) | 0.085 (+/- 0.019) | 0.084 (+/- 0.019) | 0.087 (+/- 0.021) | 0.09 (+/- 0.016) | 0.089 (+/- 0.015) | 0.087 (+/- 0.021) | 0.089 (+/- 0.018) | 0.086 (+/- 0.018) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -140.535 (+/- 25.221) | -128.78 (+/- 24.027) | -138.727 (+/- 27.728) | -131.442 (+/- 27.588) | -142.92 (+/- 27.313) | -132.848 (+/- 27.943) | -138.827 (+/- 27.258) | -128.953 (+/- 24.363) | -135.497 (+/- 28.136) | -123.301 (+/- 24.79) | -133.338 (+/- 26.555) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.577 (+/- 0.187) | -0.641 (+/- 0.166) | -0.587 (+/- 0.196) | -0.628 (+/- 0.201) | -0.556 (+/- 0.192) | -0.623 (+/- 0.21) | -0.593 (+/- 0.198) | -0.647 (+/- 0.173) | -0.62 (+/- 0.209) | -0.687 (+/- 0.182) | -0.618 (+/- 0.19) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -14.964 (+/- 5.329) | -15.484 (+/- 4.69) | -15.022 (+/- 4.935) | -14.096 (+/- 5.172) | -14.178 (+/- 5.417) | -13.681 (+/- 5.03) | -14.888 (+/- 4.749) | -14.703 (+/- 4.666) | -13.614 (+/- 5.466) | -13.763 (+/- 4.299) | -14.695 (+/- 5.029) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.611 (+/- 2.821) | -0.645 (+/- 0.368) | -0.634 (+/- 0.8) | -0.681 (+/- 0.681) | -0.586 (+/- 1.181) | -0.659 (+/- 0.637) | -0.621 (+/- 0.345) | -0.698 (+/- 0.537) | -0.831 (+/- 0.673) | -0.724 (+/- 0.417) | -0.641 (+/- 1.296) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 24.727 (+/- 6.578) | 25.621 (+/- 5.715) | 24.833 (+/- 6.268) | 24.28 (+/- 6.562) | 23.584 (+/- 7.089) | 23.889 (+/- 6.566) | 24.852 (+/- 6.125) | 25.279 (+/- 5.673) | 23.378 (+/- 7.394) | 24.472 (+/- 5.789) | 24.756 (+/- 6.3) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.412 (+/- 0.21) | 0.436 (+/- 0.158) | 0.377 (+/- 0.166) | 0.434 (+/- 0.192) | 0.435 (+/- 0.329) | 0.448 (+/- 0.374) | 0.398 (+/- 0.165) | 0.43 (+/- 0.157) | 0.465 (+/- 0.279) | 0.448 (+/- 0.164) | 0.427 (+/- 0.217) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.023 (+/- 0.03) | 0.047 (+/- 0.032) | 0.023 (+/- 0.03) | 0.045 (+/- 0.031) | 0.028 (+/- 0.031) | 0.047 (+/- 0.033) | 0.02 (+/- 0.034) | 0.039 (+/- 0.031) | 0.035 (+/- 0.037) | 0.045 (+/- 0.028) | 0.038 (+/- 0.033) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.223 (+/- 11.021) | 0.753 (+/- 3.905) | 1.195 (+/- 7.428) | 0.672 (+/- 3.962) | -8.789 (+/- 90.16) | -0.313 (+/- 7.016) | 0.14 (+/- 7.6) | 1.677 (+/- 13.673) | 0.046 (+/- 2.576) | 0.771 (+/- 2.562) | 0.133 (+/- 20.622) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.015 (+/- 0.01) | -0.018 (+/- 0.01) | -0.016 (+/- 0.011) | -0.017 (+/- 0.01) | -0.015 (+/- 0.009) | -0.019 (+/- 0.011) | -0.015 (+/- 0.01) | -0.019 (+/- 0.011) | -0.015 (+/- 0.011) | -0.018 (+/- 0.009) | -0.017 (+/- 0.01) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.792 (+/- 4.86) | -1.36 (+/- 11.398) | -1.605 (+/- 9.86) | 0.965 (+/- 43.807) | -1.44 (+/- 4.236) | -3.714 (+/- 34.52) | -3.033 (+/- 9.056) | -13.276 (+/- 137.943) | -1.225 (+/- 1.781) | -0.259 (+/- 8.934) | -1.831 (+/- 39.21) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -7.912 (+/- 5.763) | -7.545 (+/- 5.751) | -8.403 (+/- 5.447) | -7.68 (+/- 5.903) | -7.992 (+/- 5.917) | -7.649 (+/- 5.755) | -8.509 (+/- 5.82) | -8.415 (+/- 6.811) | -7.08 (+/- 5.94) | -7.471 (+/- 6.193) | -7.793 (+/- 5.834) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.08 (+/- 6.599) | 16.162 (+/- 6.7) | 17.618 (+/- 6.425) | 16.451 (+/- 6.863) | 16.953 (+/- 7.184) | 16.582 (+/- 6.904) | 17.621 (+/- 6.736) | 17.584 (+/- 7.862) | 16.479 (+/- 6.707) | 16.514 (+/- 7.404) | 16.704 (+/- 6.831) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.015 (+/- 0.033) | 0.022 (+/- 0.036) | 0.012 (+/- 0.033) | 0.021 (+/- 0.035) | 0.019 (+/- 0.036) | 0.026 (+/- 0.039) | 0.007 (+/- 0.036) | 0.016 (+/- 0.038) | 0.025 (+/- 0.042) | 0.02 (+/- 0.034) | 0.019 (+/- 0.036) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.011 (+/- 0.011) | 0.009 (+/- 0.011) | 0.009 (+/- 0.012) | 0.009 (+/- 0.011) | 0.01 (+/- 0.013) | 0.009 (+/- 0.012) | 0.007 (+/- 0.009) | 0.007 (+/- 0.01) | 0.012 (+/- 0.012) | 0.01 (+/- 0.013) | 0.009 (+/- 0.011) |
| loudnessPeaksPerSec  (opensmile\_features) | 2.411 (+/- 0.841) | 2.538 (+/- 0.759) | 2.406 (+/- 1.093) | 2.545 (+/- 1.067) | 2.327 (+/- 0.705) | 2.437 (+/- 0.806) | 2.423 (+/- 0.704) | 2.475 (+/- 0.791) | 2.579 (+/- 1.737) | 2.386 (+/- 0.709) | 2.477 (+/- 0.906) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.715 (+/- 0.646) | 1.874 (+/- 0.59) | 1.708 (+/- 0.69) | 1.762 (+/- 0.678) | 1.688 (+/- 0.663) | 1.705 (+/- 0.663) | 1.617 (+/- 0.61) | 1.902 (+/- 0.684) | 1.707 (+/- 0.596) | 1.898 (+/- 0.606) | 1.781 (+/- 0.648) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.188 (+/- 0.069) | 0.213 (+/- 0.067) | 0.195 (+/- 0.071) | 0.215 (+/- 0.122) | 0.18 (+/- 0.103) | 0.212 (+/- 0.072) | 0.209 (+/- 0.081) | 0.212 (+/- 0.059) | 0.2 (+/- 0.069) | 0.224 (+/- 0.068) | 0.206 (+/- 0.084) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.169 (+/- 0.065) | 0.185 (+/- 0.093) | 0.177 (+/- 0.076) | 0.194 (+/- 0.204) | 0.183 (+/- 0.285) | 0.182 (+/- 0.067) | 0.192 (+/- 0.072) | 0.182 (+/- 0.058) | 0.184 (+/- 0.079) | 0.211 (+/- 0.166) | 0.183 (+/- 0.131) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 1.302 (+/- 6.512) | 0.701 (+/- 4.071) | 1.35 (+/- 6.963) | 1.79 (+/- 8.543) | 2.076 (+/- 9.501) | 2.209 (+/- 9.625) | 0.527 (+/- 0.407) | 0.491 (+/- 1.305) | 2.022 (+/- 9.638) | 1.214 (+/- 6.644) | 1.303 (+/- 6.841) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.998 (+/- 1.241) | 0.848 (+/- 1.25) | 1.014 (+/- 1.359) | 1.036 (+/- 1.602) | 0.962 (+/- 1.252) | 1.156 (+/- 1.921) | 1.063 (+/- 1.214) | 1.081 (+/- 1.947) | 0.825 (+/- 0.733) | 0.838 (+/- 1.098) | 0.973 (+/- 1.44) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 43.279 (+/- 10.549) | 45.231 (+/- 9.298) | 43.322 (+/- 10.924) | 43.813 (+/- 10.808) | 41.654 (+/- 11.194) | 42.099 (+/- 11.169) | 42.137 (+/- 9.867) | 43.878 (+/- 10.246) | 41.296 (+/- 11.056) | 44.044 (+/- 10.511) | 43.785 (+/- 10.443) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 57.647 (+/- 6.352) | 58.152 (+/- 4.236) | 57.633 (+/- 7.076) | 57.536 (+/- 6.651) | 56.442 (+/- 7.618) | 56.948 (+/- 7.629) | 58.36 (+/- 2.324) | 58.046 (+/- 3.391) | 56.523 (+/- 9.833) | 57.528 (+/- 7.699) | 57.659 (+/- 6.16) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 14.368 (+/- 8.969) | 12.921 (+/- 8.272) | 14.311 (+/- 9.019) | 13.723 (+/- 9.01) | 14.787 (+/- 8.43) | 14.85 (+/- 8.797) | 16.223 (+/- 9.249) | 14.168 (+/- 9.002) | 15.226 (+/- 7.54) | 13.484 (+/- 8.364) | 13.874 (+/- 8.74) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.25 (+/- 0.159) | 0.223 (+/- 0.145) | 0.249 (+/- 0.163) | 0.24 (+/- 0.162) | 0.265 (+/- 0.155) | 0.262 (+/- 0.164) | 0.279 (+/- 0.162) | 0.247 (+/- 0.161) | 0.266 (+/- 0.141) | 0.232 (+/- 0.15) | 0.242 (+/- 0.157) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.467 (+/- 0.827) | 0.368 (+/- 0.524) | 0.473 (+/- 1.06) | 0.462 (+/- 1.265) | 0.45 (+/- 0.459) | 0.654 (+/- 3.216) | 0.491 (+/- 0.504) | 0.428 (+/- 0.527) | 0.434 (+/- 0.413) | 0.496 (+/- 1.412) | 0.454 (+/- 1.301) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.527 (+/- 0.744) | 0.439 (+/- 0.29) | 0.538 (+/- 0.935) | 0.505 (+/- 0.747) | 0.499 (+/- 0.318) | 0.629 (+/- 1.037) | 0.596 (+/- 0.589) | 0.551 (+/- 0.463) | 1.374 (+/- 4.778) | 0.562 (+/- 0.523) | 0.524 (+/- 0.898) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 2.769 (+/- 24.276) | 0.742 (+/- 2.19) | 2.162 (+/- 24.446) | 2.004 (+/- 21.177) | 0.79 (+/- 1.33) | 1.853 (+/- 11.244) | 1.497 (+/- 6.05) | 1.474 (+/- 3.03) | 25.165 (+/- 144.545) | 2.055 (+/- 9.689) | 2.025 (+/- 24.217) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 40.849 (+/- 11.015) | 42.888 (+/- 9.864) | 40.744 (+/- 11.072) | 41.175 (+/- 11.415) | 38.822 (+/- 12.08) | 39.718 (+/- 11.725) | 39.493 (+/- 9.991) | 41.718 (+/- 10.39) | 38.779 (+/- 10.79) | 42.056 (+/- 10.489) | 41.335 (+/- 10.909) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 56.47 (+/- 6.601) | 57.131 (+/- 4.838) | 56.625 (+/- 7.47) | 56.188 (+/- 7.231) | 55.075 (+/- 8.679) | 55.28 (+/- 8.535) | 56.484 (+/- 4.443) | 56.964 (+/- 4.668) | 55.465 (+/- 9.934) | 56.42 (+/- 8.014) | 56.455 (+/- 6.747) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 15.621 (+/- 9.231) | 14.243 (+/- 8.88) | 15.881 (+/- 9.264) | 15.014 (+/- 9.32) | 16.253 (+/- 9.114) | 15.562 (+/- 9.399) | 16.991 (+/- 9.233) | 15.246 (+/- 8.893) | 16.686 (+/- 7.846) | 14.363 (+/- 8.3) | 15.12 (+/- 9.108) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.279 (+/- 0.171) | 0.25 (+/- 0.157) | 0.279 (+/- 0.166) | 0.268 (+/- 0.172) | 0.302 (+/- 0.181) | 0.28 (+/- 0.173) | 0.302 (+/- 0.162) | 0.271 (+/- 0.163) | 0.295 (+/- 0.146) | 0.253 (+/- 0.152) | 0.269 (+/- 0.167) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.768 (+/- 3.222) | 0.579 (+/- 3.383) | 0.499 (+/- 0.548) | 0.578 (+/- 1.512) | 0.765 (+/- 2.087) | 0.581 (+/- 1.239) | 0.552 (+/- 0.555) | 0.486 (+/- 0.592) | 0.502 (+/- 0.442) | 0.755 (+/- 3.318) | 0.604 (+/- 2.429) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.542 (+/- 0.731) | 0.432 (+/- 0.392) | 0.484 (+/- 0.376) | 0.525 (+/- 1.397) | 0.555 (+/- 0.605) | 0.566 (+/- 0.458) | 0.621 (+/- 0.671) | 0.543 (+/- 0.493) | 0.571 (+/- 0.497) | 0.549 (+/- 0.554) | 0.506 (+/- 0.769) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 2.75 (+/- 20.497) | 0.909 (+/- 3.045) | 0.823 (+/- 2.15) | 3.063 (+/- 40.888) | 1.242 (+/- 3.589) | 1.317 (+/- 2.433) | 2.831 (+/- 11.602) | 1.93 (+/- 5.392) | 1.084 (+/- 3.247) | 1.92 (+/- 7.997) | 1.768 (+/- 19.953) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 34.297 (+/- 12.188) | 36.684 (+/- 11.764) | 34.342 (+/- 12.658) | 34.46 (+/- 13.727) | 31.904 (+/- 14.309) | 33.943 (+/- 12.843) | 33.857 (+/- 12.651) | 36.189 (+/- 12.255) | 32.788 (+/- 12.52) | 36.812 (+/- 10.956) | 35.058 (+/- 12.641) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 52.929 (+/- 11.268) | 54.165 (+/- 8.723) | 53.418 (+/- 10.481) | 51.415 (+/- 13.751) | 50.527 (+/- 14.498) | 50.701 (+/- 13.514) | 53.682 (+/- 5.666) | 53.058 (+/- 9.841) | 53.067 (+/- 10.267) | 52.998 (+/- 10.812) | 52.763 (+/- 11.357) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 18.633 (+/- 9.313) | 17.481 (+/- 9.296) | 19.076 (+/- 9.962) | 16.955 (+/- 9.483) | 18.623 (+/- 10.49) | 16.758 (+/- 9.163) | 19.825 (+/- 11.079) | 16.869 (+/- 8.887) | 20.279 (+/- 9.481) | 16.185 (+/- 7.666) | 17.705 (+/- 9.446) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.349 (+/- 0.182) | 0.325 (+/- 0.184) | 0.359 (+/- 0.196) | 0.324 (+/- 0.195) | 0.354 (+/- 0.213) | 0.317 (+/- 0.175) | 0.375 (+/- 0.216) | 0.32 (+/- 0.176) | 0.38 (+/- 0.202) | 0.301 (+/- 0.151) | 0.333 (+/- 0.188) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 1.994 (+/- 15.438) | 1.27 (+/- 5.809) | 1.169 (+/- 3.598) | 1.972 (+/- 11.607) | 1.941 (+/- 8.529) | 0.707 (+/- 1.488) | 2.56 (+/- 10.057) | 0.898 (+/- 2.968) | 2.14 (+/- 7.276) | 0.901 (+/- 3.584) | 1.477 (+/- 8.936) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.737 (+/- 1.522) | 0.66 (+/- 1.893) | 0.796 (+/- 2.152) | 0.975 (+/- 3.256) | 1.082 (+/- 3.482) | 0.839 (+/- 2.742) | 0.902 (+/- 1.328) | 0.848 (+/- 2.46) | 0.783 (+/- 0.858) | 0.613 (+/- 0.643) | 0.797 (+/- 2.36) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 5.868 (+/- 34.077) | 3.563 (+/- 22.739) | 4.15 (+/- 22.714) | 5.529 (+/- 30.592) | 6.313 (+/- 44.828) | 4.884 (+/- 35.23) | 5.162 (+/- 16.618) | 6.368 (+/- 35.054) | 3.4 (+/- 9.383) | 2.51 (+/- 6.492) | 4.718 (+/- 28.953) |
| UtteranceNumber  (pause\_features) | 27.38 (+/- 10.543) | 26.066 (+/- 10.918) | 26.66 (+/- 12.13) | 26.066 (+/- 11.359) | 27.855 (+/- 11.55) | 23.875 (+/- 10.261) | 25.75 (+/- 12.111) | 24.15 (+/- 9.424) | 26.833 (+/- 10.012) | 23.823 (+/- 8.975) | 26.009 (+/- 10.981) |
| PauseNumber  (pause\_features) | 26.38 (+/- 10.543) | 25.066 (+/- 10.918) | 25.66 (+/- 12.13) | 25.066 (+/- 11.359) | 26.855 (+/- 11.55) | 22.875 (+/- 10.261) | 24.75 (+/- 12.111) | 23.15 (+/- 9.424) | 25.833 (+/- 10.012) | 22.823 (+/- 8.975) | 25.009 (+/- 10.981) |
| AveragePauseLength  (pause\_features) | 0.555 (+/- 0.566) | 0.49 (+/- 0.408) | 0.582 (+/- 0.482) | 0.551 (+/- 0.501) | 0.556 (+/- 0.385) | 0.63 (+/- 0.498) | 0.601 (+/- 0.283) | 0.621 (+/- 0.575) | 0.637 (+/- 0.522) | 0.624 (+/- 0.667) | 0.554 (+/- 0.491) |
| StdPauseLength  (pause\_features) | 0.671 (+/- 0.988) | 0.598 (+/- 0.619) | 0.632 (+/- 0.528) | 0.704 (+/- 0.813) | 0.632 (+/- 0.562) | 0.793 (+/- 0.779) | 0.621 (+/- 0.36) | 0.854 (+/- 1.058) | 0.75 (+/- 0.787) | 0.742 (+/- 0.721) | 0.674 (+/- 0.761) |
| TimeToFirstPhonation  (pause\_features) | 1.153 (+/- 1.579) | 0.916 (+/- 1.235) | 1.015 (+/- 1.479) | 1.18 (+/- 2.507) | 1.327 (+/- 1.978) | 1.434 (+/- 2.767) | 1.174 (+/- 1.865) | 1.019 (+/- 1.506) | 1.271 (+/- 1.623) | 1.081 (+/- 1.584) | 1.102 (+/- 1.873) |
| TimeToLastPhonation  (pause\_features) | 57.757 (+/- 3.943) | 57.742 (+/- 3.366) | 57.703 (+/- 3.682) | 57.043 (+/- 5.009) | 56.112 (+/- 6.38) | 56.68 (+/- 4.701) | 55.872 (+/- 6.96) | 57.453 (+/- 4.668) | 57.83 (+/- 3.121) | 57.528 (+/- 5.112) | 57.377 (+/- 4.392) |
| UtterancePerMin  (pause\_features) | 27.561 (+/- 10.57) | 26.198 (+/- 10.978) | 26.85 (+/- 12.222) | 26.234 (+/- 11.456) | 28.762 (+/- 12.391) | 24.047 (+/- 10.331) | 26.181 (+/- 12.495) | 24.295 (+/- 9.483) | 27.09 (+/- 10.09) | 24.018 (+/- 9.414) | 26.211 (+/- 11.11) |
| WordsPerMin  (pause\_features) | 114.2 (+/- 40.971) | 119.848 (+/- 36.847) | 110.996 (+/- 37.94) | 114.763 (+/- 36.649) | 110.381 (+/- 40.532) | 112.993 (+/- 35.16) | 111.36 (+/- 34.293) | 116.424 (+/- 39.339) | 105.443 (+/- 39.438) | 118.49 (+/- 35.112) | 115.335 (+/- 37.859) |
| Duration  (pause\_features) | 59.581 (+/- 1.583) | 59.701 (+/- 0.886) | 59.584 (+/- 1.622) | 59.626 (+/- 0.94) | 58.553 (+/- 4.32) | 59.593 (+/- 1.487) | 59.283 (+/- 2.066) | 59.665 (+/- 0.932) | 59.464 (+/- 1.716) | 59.688 (+/- 1.129) | 59.58 (+/- 1.545) |