|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=668) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=478) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=230) | Fifties Male (50-59)   (N=42) | Fifties Female (50-59)   (N=128) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2464) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 25.626 (+/- 7.049) | 34.123 (+/- 6.883) | 26.438 (+/- 6.961) | 33.399 (+/- 7.188) | 25.816 (+/- 6.423) | 32.202 (+/- 8.459) | 26.278 (+/- 4.137) | 32.246 (+/- 6.46) | 25.895 (+/- 7.295) | 32.612 (+/- 7.314) | 30.818 (+/- 7.931) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.12 (+/- 0.102) | 0.099 (+/- 0.082) | 0.112 (+/- 0.09) | 0.096 (+/- 0.081) | 0.13 (+/- 0.118) | 0.099 (+/- 0.076) | 0.108 (+/- 0.073) | 0.107 (+/- 0.09) | 0.147 (+/- 0.109) | 0.116 (+/- 0.087) | 0.106 (+/- 0.089) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 23.636 (+/- 6.556) | 32.466 (+/- 7.281) | 24.431 (+/- 7.099) | 31.544 (+/- 7.277) | 23.442 (+/- 5.659) | 30.174 (+/- 8.4) | 24.408 (+/- 3.748) | 30.119 (+/- 6.801) | 23.3 (+/- 6.915) | 30.277 (+/- 7.663) | 28.895 (+/- 8.037) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 25.295 (+/- 7.205) | 34.247 (+/- 7.083) | 26.287 (+/- 6.979) | 33.384 (+/- 7.352) | 25.351 (+/- 6.864) | 32.166 (+/- 8.589) | 26.009 (+/- 4.483) | 32.116 (+/- 6.994) | 25.09 (+/- 7.262) | 32.739 (+/- 7.433) | 30.735 (+/- 8.171) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 27.152 (+/- 8.056) | 35.838 (+/- 7.251) | 28.091 (+/- 7.585) | 35.226 (+/- 7.926) | 27.511 (+/- 8.161) | 33.901 (+/- 8.998) | 27.749 (+/- 5.271) | 34.287 (+/- 6.77) | 27.553 (+/- 8.705) | 34.937 (+/- 7.62) | 32.543 (+/- 8.574) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 3.517 (+/- 4.317) | 3.372 (+/- 4.199) | 3.659 (+/- 3.994) | 3.682 (+/- 4.517) | 4.07 (+/- 5.714) | 3.726 (+/- 3.715) | 3.341 (+/- 3.72) | 4.168 (+/- 4.014) | 4.253 (+/- 5.573) | 4.66 (+/- 4.635) | 3.648 (+/- 4.312) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 233.691 (+/- 261.349) | 272.614 (+/- 271.458) | 237.495 (+/- 229.941) | 251.928 (+/- 251.752) | 258.116 (+/- 311.972) | 272.619 (+/- 259.141) | 253.911 (+/- 181.646) | 258.202 (+/- 249.806) | 296.573 (+/- 243.394) | 268.43 (+/- 224.411) | 256.367 (+/- 257.739) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 214.568 (+/- 277.911) | 256.057 (+/- 258.917) | 192.626 (+/- 212.601) | 230.369 (+/- 251.111) | 202.598 (+/- 269.008) | 253.912 (+/- 249.613) | 221.6 (+/- 226.883) | 238.139 (+/- 231.838) | 249.21 (+/- 237.114) | 266.161 (+/- 224.888) | 232.942 (+/- 252.239) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 65.454 (+/- 170.893) | 58.564 (+/- 82.95) | 65.603 (+/- 129.751) | 52.12 (+/- 82.038) | 64.876 (+/- 156.339) | 49.885 (+/- 51.767) | 48.352 (+/- 43.542) | 40.357 (+/- 64.836) | 73.748 (+/- 95.627) | 59.284 (+/- 65.438) | 57.829 (+/- 107.448) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 52.726 (+/- 104.546) | 59.291 (+/- 111.744) | 53.142 (+/- 118.812) | 55.578 (+/- 124.031) | 47.158 (+/- 64.591) | 42.147 (+/- 51.63) | 42.629 (+/- 53.992) | 37.784 (+/- 67.221) | 89.913 (+/- 149.631) | 61.398 (+/- 107.264) | 53.808 (+/- 106.002) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.345 (+/- 0.266) | 0.341 (+/- 0.277) | 0.404 (+/- 0.307) | 0.358 (+/- 0.301) | 0.322 (+/- 0.25) | 0.389 (+/- 0.313) | 0.416 (+/- 0.268) | 0.418 (+/- 0.327) | 0.365 (+/- 0.259) | 0.414 (+/- 0.3) | 0.365 (+/- 0.29) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.843 (+/- 0.343) | 0.883 (+/- 0.307) | 0.851 (+/- 0.331) | 0.906 (+/- 0.344) | 0.868 (+/- 0.364) | 0.937 (+/- 0.348) | 0.818 (+/- 0.262) | 0.949 (+/- 0.319) | 0.842 (+/- 0.325) | 0.924 (+/- 0.329) | 0.885 (+/- 0.332) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.105 (+/- 0.107) | 0.099 (+/- 0.104) | 0.129 (+/- 0.128) | 0.105 (+/- 0.124) | 0.098 (+/- 0.107) | 0.102 (+/- 0.121) | 0.132 (+/- 0.105) | 0.105 (+/- 0.098) | 0.1 (+/- 0.102) | 0.105 (+/- 0.093) | 0.106 (+/- 0.113) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.241 (+/- 0.219) | 0.223 (+/- 0.213) | 0.282 (+/- 0.259) | 0.224 (+/- 0.228) | 0.209 (+/- 0.182) | 0.24 (+/- 0.258) | 0.275 (+/- 0.196) | 0.242 (+/- 0.209) | 0.241 (+/- 0.185) | 0.277 (+/- 0.29) | 0.239 (+/- 0.229) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.583 (+/- 0.477) | 0.586 (+/- 0.505) | 0.676 (+/- 0.545) | 0.626 (+/- 0.564) | 0.545 (+/- 0.483) | 0.69 (+/- 0.58) | 0.711 (+/- 0.525) | 0.763 (+/- 0.667) | 0.642 (+/- 0.507) | 0.728 (+/- 0.558) | 0.63 (+/- 0.538) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.478 (+/- 0.427) | 0.486 (+/- 0.449) | 0.547 (+/- 0.481) | 0.521 (+/- 0.508) | 0.448 (+/- 0.451) | 0.589 (+/- 0.518) | 0.579 (+/- 0.491) | 0.658 (+/- 0.611) | 0.542 (+/- 0.488) | 0.623 (+/- 0.512) | 0.524 (+/- 0.484) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 8.356 (+/- 6.496) | 7.623 (+/- 6.082) | 9.07 (+/- 7.088) | 7.648 (+/- 6.385) | 7.239 (+/- 5.593) | 7.957 (+/- 6.142) | 8.717 (+/- 5.999) | 8.421 (+/- 7.031) | 7.927 (+/- 6.58) | 8.05 (+/- 5.849) | 8.03 (+/- 6.395) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 4.18 (+/- 3.322) | 3.876 (+/- 3.811) | 4.531 (+/- 3.815) | 3.76 (+/- 3.407) | 3.613 (+/- 3.105) | 3.644 (+/- 3.045) | 4.452 (+/- 2.955) | 3.806 (+/- 3.345) | 3.715 (+/- 2.668) | 3.632 (+/- 2.477) | 3.951 (+/- 3.482) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 5.702 (+/- 4.891) | 5.258 (+/- 4.47) | 6.208 (+/- 5.163) | 4.934 (+/- 4.319) | 4.859 (+/- 3.694) | 5.45 (+/- 5.051) | 5.528 (+/- 3.998) | 5.494 (+/- 4.612) | 4.8 (+/- 4.111) | 5.27 (+/- 4.688) | 5.399 (+/- 4.636) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 3.02 (+/- 2.496) | 2.887 (+/- 2.76) | 3.468 (+/- 3.124) | 2.558 (+/- 2.408) | 2.653 (+/- 2.57) | 2.794 (+/- 2.609) | 3.214 (+/- 2.717) | 2.62 (+/- 2.074) | 2.273 (+/- 1.923) | 2.564 (+/- 2.071) | 2.869 (+/- 2.623) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.04 (+/- 0.017) | 0.035 (+/- 0.015) | 0.041 (+/- 0.019) | 0.033 (+/- 0.014) | 0.043 (+/- 0.017) | 0.033 (+/- 0.014) | 0.044 (+/- 0.017) | 0.033 (+/- 0.013) | 0.04 (+/- 0.018) | 0.034 (+/- 0.014) | 0.036 (+/- 0.016) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 0.888 (+/- 0.395) | 1.067 (+/- 0.424) | 0.926 (+/- 0.405) | 1.025 (+/- 0.422) | 0.901 (+/- 0.419) | 0.989 (+/- 0.432) | 0.89 (+/- 0.327) | 1.054 (+/- 0.405) | 1.117 (+/- 0.493) | 1.066 (+/- 0.418) | 0.997 (+/- 0.421) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.853 (+/- 0.687) | 1.509 (+/- 0.496) | 1.797 (+/- 0.631) | 1.488 (+/- 0.522) | 1.892 (+/- 0.671) | 1.444 (+/- 0.558) | 1.882 (+/- 0.626) | 1.456 (+/- 0.483) | 1.768 (+/- 0.684) | 1.464 (+/- 0.507) | 1.61 (+/- 0.594) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.708 (+/- 0.236) | 0.702 (+/- 0.195) | 0.724 (+/- 0.237) | 0.703 (+/- 0.218) | 0.703 (+/- 0.222) | 0.669 (+/- 0.23) | 0.701 (+/- 0.165) | 0.71 (+/- 0.191) | 0.696 (+/- 0.225) | 0.677 (+/- 0.224) | 0.703 (+/- 0.217) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 3.657 (+/- 2.219) | 6.556 (+/- 2.525) | 3.672 (+/- 2.412) | 6.197 (+/- 2.578) | 3.367 (+/- 2.087) | 5.625 (+/- 2.592) | 3.643 (+/- 1.937) | 5.673 (+/- 2.177) | 3.272 (+/- 1.762) | 5.26 (+/- 2.394) | 5.276 (+/- 2.732) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.952 (+/- 5.634) | 0.614 (+/- 3.397) | 0.851 (+/- 1.587) | 0.531 (+/- 0.949) | 0.649 (+/- 1.133) | 0.518 (+/- 0.53) | 0.479 (+/- 1.448) | 0.707 (+/- 1.275) | 1.068 (+/- 1.831) | 0.777 (+/- 2.09) | 0.681 (+/- 2.97) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.781 (+/- 9.953) | 1.845 (+/- 6.537) | 3.065 (+/- 8.363) | 1.038 (+/- 7.952) | 3.901 (+/- 7.858) | 0.867 (+/- 6.865) | 2.75 (+/- 6.617) | 1.224 (+/- 7.377) | 2.792 (+/- 5.604) | 1.776 (+/- 5.55) | 2.271 (+/- 7.829) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 34.486 (+/- 629.661) | 1.641 (+/- 31.987) | 2.993 (+/- 51.45) | 0.073 (+/- 32.529) | 1.543 (+/- 9.892) | -1.469 (+/- 25.097) | 1.065 (+/- 2.45) | -0.838 (+/- 21.966) | -1.125 (+/- 8.579) | -3.827 (+/- 49.726) | 5.739 (+/- 246.601) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 20.575 (+/- 9.178) | 20.965 (+/- 8.191) | 19.397 (+/- 9.941) | 19.284 (+/- 9.295) | 19.581 (+/- 9.048) | 17.968 (+/- 8.372) | 19.323 (+/- 8.699) | 18.014 (+/- 8.667) | 16.839 (+/- 9.008) | 18.581 (+/- 8.217) | 19.724 (+/- 8.936) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.353 (+/- 1.34) | 0.315 (+/- 4.435) | 0.265 (+/- 1.711) | 0.254 (+/- 4.011) | 0.474 (+/- 1.348) | 0.441 (+/- 1.834) | -0.137 (+/- 3.227) | 0.513 (+/- 1.049) | 0.282 (+/- 1.199) | 0.441 (+/- 1.271) | 0.33 (+/- 3.128) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 571.595 (+/- 151.112) | 721.142 (+/- 137.076) | 582.711 (+/- 142.047) | 704.106 (+/- 149.41) | 567.407 (+/- 142.361) | 694.948 (+/- 177.923) | 575.348 (+/- 130.807) | 710.775 (+/- 131.872) | 547.371 (+/- 166.772) | 702.455 (+/- 157.546) | 663.276 (+/- 161.217) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.247 (+/- 0.092) | 0.173 (+/- 0.067) | 0.246 (+/- 0.084) | 0.175 (+/- 0.07) | 0.26 (+/- 0.082) | 0.168 (+/- 0.07) | 0.248 (+/- 0.095) | 0.174 (+/- 0.065) | 0.264 (+/- 0.095) | 0.182 (+/- 0.064) | 0.2 (+/- 0.084) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1405.006 (+/- 284.835) | 1351.241 (+/- 236.546) | 1421.124 (+/- 230.454) | 1359.224 (+/- 261.624) | 1412.91 (+/- 253.124) | 1333.564 (+/- 326.879) | 1441.688 (+/- 104.448) | 1363.597 (+/- 240.149) | 1389.117 (+/- 340.57) | 1374.577 (+/- 280.957) | 1374.357 (+/- 261.551) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.127 (+/- 0.048) | 0.131 (+/- 0.044) | 0.129 (+/- 0.049) | 0.127 (+/- 0.045) | 0.133 (+/- 0.053) | 0.123 (+/- 0.045) | 0.129 (+/- 0.045) | 0.129 (+/- 0.075) | 0.142 (+/- 0.051) | 0.127 (+/- 0.04) | 0.129 (+/- 0.048) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -153.475 (+/- 30.258) | -141.716 (+/- 31.451) | -153.156 (+/- 30.059) | -141.446 (+/- 32.785) | -156.65 (+/- 33.492) | -139.336 (+/- 33.917) | -156.67 (+/- 26.042) | -134.991 (+/- 31.988) | -151.451 (+/- 28.911) | -132.098 (+/- 34.731) | -144.936 (+/- 32.45) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.497 (+/- 0.249) | -0.592 (+/- 0.256) | -0.503 (+/- 0.245) | -0.605 (+/- 0.287) | -0.473 (+/- 0.259) | -0.661 (+/- 0.706) | -0.49 (+/- 0.213) | -0.659 (+/- 0.267) | -0.52 (+/- 0.229) | -0.69 (+/- 0.318) | -0.575 (+/- 0.336) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1429.295 (+/- 292.884) | 1597.051 (+/- 268.319) | 1450.213 (+/- 242.881) | 1571.305 (+/- 292.583) | 1437.315 (+/- 262.913) | 1534.998 (+/- 367.007) | 1459.238 (+/- 136.415) | 1579.093 (+/- 258.135) | 1381.298 (+/- 351.946) | 1543.984 (+/- 309.219) | 1528.105 (+/- 292.301) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.102 (+/- 0.045) | 0.079 (+/- 0.031) | 0.105 (+/- 0.046) | 0.078 (+/- 0.034) | 0.116 (+/- 0.05) | 0.078 (+/- 0.036) | 0.105 (+/- 0.044) | 0.078 (+/- 0.03) | 0.117 (+/- 0.05) | 0.08 (+/- 0.032) | 0.088 (+/- 0.04) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -154.204 (+/- 29.327) | -142.206 (+/- 30.191) | -154.09 (+/- 28.768) | -141.566 (+/- 32.092) | -157.419 (+/- 32.174) | -139.749 (+/- 33.043) | -157.507 (+/- 25.488) | -135.901 (+/- 31.106) | -151.232 (+/- 28.638) | -132.281 (+/- 34.369) | -145.452 (+/- 31.514) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.475 (+/- 0.228) | -0.562 (+/- 0.227) | -0.478 (+/- 0.217) | -0.579 (+/- 0.26) | -0.449 (+/- 0.228) | -0.609 (+/- 0.389) | -0.471 (+/- 0.202) | -0.625 (+/- 0.242) | -0.508 (+/- 0.221) | -0.663 (+/- 0.3) | -0.546 (+/- 0.261) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2391.55 (+/- 468.566) | 2577.213 (+/- 427.579) | 2431.956 (+/- 372.322) | 2543.161 (+/- 468.173) | 2404.685 (+/- 412.042) | 2475.655 (+/- 588.514) | 2444.195 (+/- 111.586) | 2554.952 (+/- 405.969) | 2306.981 (+/- 561.522) | 2515.601 (+/- 497.903) | 2498.962 (+/- 457.185) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.061 (+/- 0.026) | 0.064 (+/- 0.022) | 0.059 (+/- 0.023) | 0.063 (+/- 0.023) | 0.066 (+/- 0.028) | 0.064 (+/- 0.028) | 0.061 (+/- 0.022) | 0.065 (+/- 0.026) | 0.063 (+/- 0.026) | 0.062 (+/- 0.023) | 0.063 (+/- 0.024) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -156.753 (+/- 27.633) | -145.468 (+/- 28.552) | -156.581 (+/- 27.167) | -144.924 (+/- 30.3) | -159.599 (+/- 30.693) | -143.225 (+/- 31.175) | -159.89 (+/- 24.216) | -139.623 (+/- 29.353) | -153.483 (+/- 27.489) | -136.452 (+/- 32.288) | -148.534 (+/- 29.75) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.436 (+/- 0.201) | -0.512 (+/- 0.197) | -0.441 (+/- 0.192) | -0.525 (+/- 0.221) | -0.414 (+/- 0.199) | -0.542 (+/- 0.252) | -0.435 (+/- 0.183) | -0.566 (+/- 0.206) | -0.474 (+/- 0.203) | -0.592 (+/- 0.25) | -0.497 (+/- 0.215) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -11.78 (+/- 5.846) | -10.565 (+/- 5.835) | -11.604 (+/- 6.101) | -9.75 (+/- 5.803) | -11.652 (+/- 5.669) | -8.542 (+/- 5.474) | -11.741 (+/- 4.631) | -9.252 (+/- 5.439) | -10.048 (+/- 5.557) | -8.159 (+/- 4.849) | -10.417 (+/- 5.868) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.527 (+/- 1.111) | -0.849 (+/- 3.498) | -0.573 (+/- 1.303) | -0.925 (+/- 11.871) | -0.853 (+/- 3.563) | -0.354 (+/- 4.467) | -0.493 (+/- 0.396) | -1.271 (+/- 4.175) | -0.784 (+/- 1.181) | -0.983 (+/- 1.3) | -0.753 (+/- 5.876) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 22.802 (+/- 7.761) | 22.459 (+/- 7.168) | 22.508 (+/- 7.759) | 21.691 (+/- 7.464) | 22.269 (+/- 7.701) | 21.004 (+/- 7.543) | 23.358 (+/- 7.124) | 21.862 (+/- 7.263) | 20.25 (+/- 7.436) | 20.951 (+/- 6.969) | 22.118 (+/- 7.481) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.271 (+/- 0.14) | 0.331 (+/- 0.238) | 0.251 (+/- 0.248) | 0.293 (+/- 0.933) | 0.27 (+/- 0.131) | 0.305 (+/- 0.138) | 0.286 (+/- 0.133) | 0.276 (+/- 0.369) | 0.305 (+/- 0.162) | 0.323 (+/- 0.131) | 0.297 (+/- 0.458) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.024 (+/- 0.033) | 0.044 (+/- 0.033) | 0.024 (+/- 0.033) | 0.043 (+/- 0.034) | 0.029 (+/- 0.034) | 0.042 (+/- 0.035) | 0.026 (+/- 0.038) | 0.036 (+/- 0.034) | 0.037 (+/- 0.038) | 0.043 (+/- 0.03) | 0.037 (+/- 0.034) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 0.132 (+/- 12.616) | 1.126 (+/- 19.436) | 0.24 (+/- 5.049) | 0.994 (+/- 7.742) | 2.959 (+/- 29.639) | -0.378 (+/- 13.319) | 0.62 (+/- 1.19) | 0.295 (+/- 1.804) | -0.238 (+/- 2.296) | -0.313 (+/- 6.144) | 0.665 (+/- 14.139) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.011 (+/- 0.013) | -0.012 (+/- 0.013) | -0.013 (+/- 0.013) | -0.011 (+/- 0.012) | -0.013 (+/- 0.013) | -0.011 (+/- 0.013) | -0.015 (+/- 0.012) | -0.011 (+/- 0.013) | -0.016 (+/- 0.016) | -0.008 (+/- 0.011) | -0.012 (+/- 0.013) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.929 (+/- 26.883) | -0.304 (+/- 11.334) | -0.779 (+/- 4.124) | -0.315 (+/- 8.463) | 0.52 (+/- 8.756) | -0.959 (+/- 7.83) | -0.638 (+/- 1.652) | -1.694 (+/- 7.684) | -0.883 (+/- 2.448) | -16.886 (+/- 137.586) | -1.238 (+/- 28.509) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.974 (+/- 5.774) | -8.191 (+/- 5.645) | -9.107 (+/- 5.616) | -8.148 (+/- 5.912) | -9.062 (+/- 5.722) | -7.438 (+/- 5.525) | -9.034 (+/- 4.662) | -8.475 (+/- 6.318) | -7.856 (+/- 5.876) | -7.702 (+/- 5.901) | -8.365 (+/- 5.76) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 19.392 (+/- 6.902) | 18.358 (+/- 6.766) | 19.43 (+/- 6.795) | 18.502 (+/- 7.091) | 19.112 (+/- 7.202) | 17.862 (+/- 6.884) | 19.233 (+/- 5.477) | 19.455 (+/- 7.459) | 18.246 (+/- 6.871) | 18.55 (+/- 7.241) | 18.714 (+/- 6.937) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.016 (+/- 0.036) | 0.023 (+/- 0.037) | 0.013 (+/- 0.034) | 0.021 (+/- 0.037) | 0.02 (+/- 0.038) | 0.027 (+/- 0.039) | 0.013 (+/- 0.039) | 0.016 (+/- 0.038) | 0.027 (+/- 0.045) | 0.021 (+/- 0.036) | 0.02 (+/- 0.037) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.009 (+/- 0.012) | 0.008 (+/- 0.013) | 0.006 (+/- 0.012) | 0.009 (+/- 0.012) | 0.008 (+/- 0.013) | 0.009 (+/- 0.014) | 0.004 (+/- 0.009) | 0.007 (+/- 0.011) | 0.007 (+/- 0.012) | 0.01 (+/- 0.013) | 0.008 (+/- 0.012) |
| loudnessPeaksPerSec  (opensmile\_features) | 3.984 (+/- 1.777) | 3.545 (+/- 1.588) | 3.707 (+/- 1.864) | 3.209 (+/- 1.76) | 3.581 (+/- 1.757) | 3.097 (+/- 1.843) | 3.375 (+/- 1.433) | 2.932 (+/- 1.475) | 3.256 (+/- 2.162) | 2.823 (+/- 1.425) | 3.466 (+/- 1.742) |
| VoicedSegmentsPerSec  (opensmile\_features) | 2.46 (+/- 1.322) | 2.677 (+/- 1.296) | 2.394 (+/- 1.307) | 2.446 (+/- 1.256) | 2.255 (+/- 1.243) | 2.386 (+/- 1.22) | 2.172 (+/- 0.882) | 2.495 (+/- 1.235) | 2.274 (+/- 1.213) | 2.472 (+/- 1.155) | 2.491 (+/- 1.274) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.092 (+/- 0.063) | 0.115 (+/- 0.095) | 0.11 (+/- 0.205) | 0.147 (+/- 0.377) | 0.102 (+/- 0.159) | 0.145 (+/- 0.297) | 0.098 (+/- 0.053) | 0.14 (+/- 0.075) | 0.105 (+/- 0.06) | 0.143 (+/- 0.095) | 0.121 (+/- 0.215) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.045 (+/- 0.04) | 0.052 (+/- 0.052) | 0.048 (+/- 0.051) | 0.054 (+/- 0.061) | 0.052 (+/- 0.088) | 0.066 (+/- 0.139) | 0.042 (+/- 0.036) | 0.061 (+/- 0.042) | 0.056 (+/- 0.04) | 0.076 (+/- 0.058) | 0.053 (+/- 0.067) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.824 (+/- 1.867) | 0.604 (+/- 1.562) | 0.71 (+/- 1.531) | 0.665 (+/- 1.671) | 0.728 (+/- 1.62) | 0.851 (+/- 2.147) | 0.422 (+/- 0.302) | 0.567 (+/- 1.447) | 0.871 (+/- 2.139) | 0.689 (+/- 1.861) | 0.689 (+/- 1.691) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.392 (+/- 0.625) | 0.302 (+/- 0.479) | 0.41 (+/- 0.558) | 0.294 (+/- 0.387) | 0.399 (+/- 0.571) | 0.283 (+/- 0.412) | 0.348 (+/- 0.335) | 0.304 (+/- 0.434) | 0.252 (+/- 0.209) | 0.269 (+/- 0.403) | 0.329 (+/- 0.49) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 7.857 (+/- 1.983) | 7.841 (+/- 1.826) | 7.807 (+/- 1.937) | 7.617 (+/- 1.965) | 7.469 (+/- 2.127) | 7.458 (+/- 2.091) | 7.875 (+/- 1.617) | 7.66 (+/- 1.737) | 7.423 (+/- 2.343) | 7.491 (+/- 2.06) | 7.723 (+/- 1.941) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 9.468 (+/- 1.221) | 9.508 (+/- 1.2) | 9.469 (+/- 1.336) | 9.468 (+/- 1.34) | 9.436 (+/- 1.193) | 9.339 (+/- 1.834) | 9.625 (+/- 0.446) | 9.647 (+/- 0.559) | 9.501 (+/- 1.575) | 9.287 (+/- 1.85) | 9.474 (+/- 1.315) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 1.611 (+/- 1.592) | 1.666 (+/- 1.451) | 1.662 (+/- 1.476) | 1.851 (+/- 1.548) | 1.967 (+/- 1.727) | 1.881 (+/- 1.461) | 1.75 (+/- 1.523) | 1.988 (+/- 1.6) | 2.078 (+/- 2.016) | 1.796 (+/- 1.508) | 1.751 (+/- 1.532) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.171 (+/- 0.174) | 0.176 (+/- 0.158) | 0.177 (+/- 0.165) | 0.197 (+/- 0.171) | 0.212 (+/- 0.192) | 0.196 (+/- 0.157) | 0.183 (+/- 0.159) | 0.208 (+/- 0.171) | 0.213 (+/- 0.208) | 0.186 (+/- 0.155) | 0.185 (+/- 0.167) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.424 (+/- 1.899) | 0.298 (+/- 0.521) | 0.326 (+/- 0.815) | 0.41 (+/- 1.517) | 0.487 (+/- 1.151) | 0.372 (+/- 1.126) | 0.302 (+/- 0.429) | 0.375 (+/- 0.6) | 1.459 (+/- 6.831) | 0.293 (+/- 0.356) | 0.378 (+/- 1.438) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.268 (+/- 0.447) | 0.22 (+/- 0.213) | 0.243 (+/- 0.306) | 0.256 (+/- 0.401) | 0.273 (+/- 0.317) | 0.268 (+/- 0.378) | 0.234 (+/- 0.136) | 0.265 (+/- 0.245) | 0.453 (+/- 0.898) | 0.383 (+/- 0.752) | 0.255 (+/- 0.372) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.179 (+/- 1.331) | 0.093 (+/- 0.465) | 0.155 (+/- 0.843) | 0.155 (+/- 1.181) | 0.209 (+/- 0.844) | 0.219 (+/- 1.622) | 0.071 (+/- 0.094) | 0.131 (+/- 0.418) | 1.252 (+/- 4.815) | 0.661 (+/- 3.648) | 0.18 (+/- 1.336) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 7.316 (+/- 2.11) | 7.234 (+/- 1.991) | 7.259 (+/- 2.092) | 6.979 (+/- 2.114) | 6.882 (+/- 2.323) | 6.875 (+/- 2.162) | 7.341 (+/- 1.77) | 7.12 (+/- 1.885) | 6.829 (+/- 2.394) | 6.984 (+/- 2.103) | 7.141 (+/- 2.081) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 9.19 (+/- 1.359) | 9.225 (+/- 1.316) | 9.201 (+/- 1.581) | 9.132 (+/- 1.492) | 8.962 (+/- 1.659) | 8.998 (+/- 1.898) | 9.445 (+/- 0.519) | 9.372 (+/- 0.664) | 9.219 (+/- 1.606) | 9.059 (+/- 1.865) | 9.173 (+/- 1.459) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 1.873 (+/- 1.723) | 1.99 (+/- 1.633) | 1.942 (+/- 1.641) | 2.153 (+/- 1.686) | 2.08 (+/- 1.725) | 2.123 (+/- 1.58) | 2.103 (+/- 1.669) | 2.251 (+/- 1.757) | 2.39 (+/- 2.136) | 2.075 (+/- 1.627) | 2.032 (+/- 1.674) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.203 (+/- 0.194) | 0.217 (+/- 0.181) | 0.21 (+/- 0.179) | 0.235 (+/- 0.188) | 0.242 (+/- 0.208) | 0.23 (+/- 0.176) | 0.224 (+/- 0.177) | 0.242 (+/- 0.192) | 0.252 (+/- 0.224) | 0.22 (+/- 0.171) | 0.221 (+/- 0.186) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.477 (+/- 1.258) | 0.443 (+/- 1.176) | 0.375 (+/- 0.547) | 0.454 (+/- 0.796) | 0.585 (+/- 1.332) | 0.474 (+/- 1.443) | 0.401 (+/- 0.538) | 0.491 (+/- 0.836) | 1.831 (+/- 8.365) | 0.372 (+/- 0.434) | 0.469 (+/- 1.475) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.265 (+/- 0.405) | 0.225 (+/- 0.253) | 0.25 (+/- 0.361) | 0.243 (+/- 0.301) | 0.318 (+/- 0.508) | 0.264 (+/- 0.374) | 0.199 (+/- 0.12) | 0.276 (+/- 0.259) | 0.324 (+/- 0.51) | 0.321 (+/- 0.541) | 0.252 (+/- 0.344) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.148 (+/- 0.661) | 0.119 (+/- 0.629) | 0.201 (+/- 1.198) | 0.155 (+/- 1.175) | 0.402 (+/- 2.071) | 0.222 (+/- 1.616) | 0.065 (+/- 0.086) | 0.145 (+/- 0.482) | 0.614 (+/- 3.05) | 0.379 (+/- 2.609) | 0.178 (+/- 1.199) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 6.206 (+/- 2.442) | 5.894 (+/- 2.396) | 6.16 (+/- 2.509) | 5.544 (+/- 2.591) | 5.611 (+/- 2.741) | 5.661 (+/- 2.353) | 6.034 (+/- 2.396) | 5.908 (+/- 2.228) | 5.624 (+/- 2.625) | 5.939 (+/- 2.31) | 5.883 (+/- 2.466) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 8.59 (+/- 1.978) | 8.663 (+/- 1.983) | 8.619 (+/- 2.138) | 8.447 (+/- 2.29) | 8.21 (+/- 2.405) | 8.427 (+/- 2.431) | 9.124 (+/- 0.722) | 8.83 (+/- 1.464) | 8.481 (+/- 2.39) | 8.468 (+/- 2.251) | 8.574 (+/- 2.104) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 2.384 (+/- 1.841) | 2.769 (+/- 1.852) | 2.459 (+/- 1.898) | 2.903 (+/- 1.955) | 2.599 (+/- 1.996) | 2.766 (+/- 1.727) | 3.09 (+/- 2.152) | 2.921 (+/- 1.793) | 2.857 (+/- 2.031) | 2.529 (+/- 1.702) | 2.69 (+/- 1.878) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.275 (+/- 0.22) | 0.319 (+/- 0.22) | 0.279 (+/- 0.22) | 0.341 (+/- 0.239) | 0.311 (+/- 0.247) | 0.313 (+/- 0.201) | 0.345 (+/- 0.244) | 0.336 (+/- 0.221) | 0.333 (+/- 0.25) | 0.283 (+/- 0.193) | 0.31 (+/- 0.224) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.803 (+/- 2.111) | 0.842 (+/- 1.522) | 0.703 (+/- 1.585) | 1.045 (+/- 2.041) | 1.072 (+/- 2.5) | 0.66 (+/- 0.875) | 1.081 (+/- 1.868) | 1.049 (+/- 2.677) | 1.206 (+/- 2.322) | 0.543 (+/- 0.593) | 0.858 (+/- 1.82) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.316 (+/- 0.559) | 0.309 (+/- 0.519) | 0.318 (+/- 0.573) | 0.352 (+/- 0.597) | 0.445 (+/- 0.856) | 0.328 (+/- 0.593) | 0.269 (+/- 0.203) | 0.415 (+/- 0.706) | 0.348 (+/- 0.418) | 0.318 (+/- 0.54) | 0.332 (+/- 0.579) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.292 (+/- 1.598) | 0.307 (+/- 1.587) | 0.32 (+/- 1.874) | 0.345 (+/- 1.648) | 0.684 (+/- 2.835) | 0.215 (+/- 1.052) | 0.149 (+/- 0.363) | 0.468 (+/- 2.177) | 0.284 (+/- 1.029) | 0.096 (+/- 0.195) | 0.318 (+/- 1.66) |
| UtteranceNumber  (pause\_features) | 6.596 (+/- 4.66) | 7.936 (+/- 5.506) | 7.151 (+/- 5.19) | 8.421 (+/- 5.708) | 7.4 (+/- 5.194) | 7.832 (+/- 5.246) | 7.543 (+/- 5.432) | 8.01 (+/- 4.988) | 7.367 (+/- 4.95) | 7.525 (+/- 4.765) | 7.646 (+/- 5.306) |
| PauseNumber  (pause\_features) | 5.596 (+/- 4.66) | 6.944 (+/- 5.495) | 6.174 (+/- 5.16) | 7.429 (+/- 5.697) | 6.422 (+/- 5.164) | 6.832 (+/- 5.246) | 6.571 (+/- 5.395) | 7.019 (+/- 4.974) | 6.367 (+/- 4.95) | 6.525 (+/- 4.765) | 6.655 (+/- 5.294) |
| AveragePauseLength  (pause\_features) | 0.263 (+/- 0.301) | 0.268 (+/- 0.341) | 0.265 (+/- 0.234) | 0.27 (+/- 0.301) | 0.311 (+/- 0.333) | 0.291 (+/- 0.226) | 0.297 (+/- 0.28) | 0.289 (+/- 0.34) | 0.276 (+/- 0.199) | 0.275 (+/- 0.219) | 0.273 (+/- 0.298) |
| StdPauseLength  (pause\_features) | 0.159 (+/- 0.278) | 0.16 (+/- 0.229) | 0.175 (+/- 0.238) | 0.158 (+/- 0.164) | 0.191 (+/- 0.296) | 0.167 (+/- 0.192) | 0.176 (+/- 0.227) | 0.179 (+/- 0.281) | 0.194 (+/- 0.284) | 0.163 (+/- 0.202) | 0.165 (+/- 0.23) |
| TimeToFirstPhonation  (pause\_features) | 0.284 (+/- 0.389) | 0.283 (+/- 0.427) | 0.287 (+/- 0.402) | 0.346 (+/- 0.596) | 0.473 (+/- 0.94) | 0.339 (+/- 0.653) | 0.286 (+/- 0.433) | 0.283 (+/- 0.427) | 0.377 (+/- 0.448) | 0.385 (+/- 0.573) | 0.315 (+/- 0.519) |
| TimeToLastPhonation  (pause\_features) | 9.537 (+/- 0.774) | 9.475 (+/- 1.074) | 9.315 (+/- 1.782) | 9.442 (+/- 1.262) | 9.166 (+/- 1.804) | 9.619 (+/- 0.602) | 9.435 (+/- 1.653) | 9.495 (+/- 1.138) | 9.754 (+/- 0.225) | 9.69 (+/- 0.391) | 9.468 (+/- 1.2) |
| UtterancePerMin  (pause\_features) | 40.106 (+/- 28.303) | 48.16 (+/- 33.377) | 43.443 (+/- 31.483) | 51.236 (+/- 34.715) | 45.867 (+/- 32.363) | 47.549 (+/- 31.822) | 46.036 (+/- 33.133) | 48.735 (+/- 30.657) | 44.9 (+/- 30.411) | 45.654 (+/- 28.839) | 46.504 (+/- 32.268) |
| WordsPerMin  (pause\_features) | 62.937 (+/- 33.074) | 55.79 (+/- 29.979) | 63.94 (+/- 34.08) | 52.122 (+/- 30.128) | 59.682 (+/- 36.791) | 52.685 (+/- 27.097) | 56.059 (+/- 29.413) | 53.126 (+/- 25.761) | 60.397 (+/- 31.441) | 57.292 (+/- 25.604) | 57.132 (+/- 31.068) |
| Duration  (pause\_features) | 9.863 (+/- 0.215) | 9.883 (+/- 0.108) | 9.866 (+/- 0.164) | 9.859 (+/- 0.221) | 9.741 (+/- 0.636) | 9.879 (+/- 0.133) | 9.841 (+/- 0.205) | 9.877 (+/- 0.145) | 9.864 (+/- 0.132) | 9.872 (+/- 0.186) | 9.865 (+/- 0.218) |