|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=666) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=476) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=231) | 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=2461) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 26.309 (+/- 6.227) | 35.338 (+/- 6.205) | 26.474 (+/- 6.975) | 34.787 (+/- 6.892) | 26.991 (+/- 6.205) | 34.093 (+/- 7.406) | 26.493 (+/- 3.901) | 34.882 (+/- 2.932) | 27.727 (+/- 8.297) | 33.699 (+/- 8.234) | 31.953 (+/- 7.633) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.079 (+/- 0.088) | 0.047 (+/- 0.056) | 0.079 (+/- 0.091) | 0.054 (+/- 0.061) | 0.093 (+/- 0.106) | 0.053 (+/- 0.056) | 0.062 (+/- 0.071) | 0.057 (+/- 0.06) | 0.116 (+/- 0.11) | 0.082 (+/- 0.078) | 0.062 (+/- 0.074) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 25.229 (+/- 5.798) | 34.905 (+/- 6.383) | 25.389 (+/- 6.695) | 34.325 (+/- 6.886) | 25.413 (+/- 5.973) | 33.547 (+/- 7.526) | 25.813 (+/- 4.075) | 34.543 (+/- 3.488) | 26.362 (+/- 8.012) | 32.747 (+/- 8.347) | 31.245 (+/- 7.776) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 25.898 (+/- 6.201) | 35.509 (+/- 6.13) | 26.156 (+/- 6.98) | 34.934 (+/- 6.925) | 26.633 (+/- 6.413) | 34.153 (+/- 7.391) | 26.118 (+/- 4.039) | 35.128 (+/- 2.754) | 27.348 (+/- 9.18) | 33.603 (+/- 8.247) | 31.911 (+/- 7.768) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 27.42 (+/- 7.904) | 35.971 (+/- 6.494) | 27.624 (+/- 8.349) | 35.495 (+/- 7.341) | 28.082 (+/- 7.483) | 34.743 (+/- 7.672) | 26.878 (+/- 4.135) | 35.546 (+/- 2.791) | 28.794 (+/- 9.589) | 34.535 (+/- 8.622) | 32.766 (+/- 8.181) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 2.191 (+/- 5.35) | 1.066 (+/- 2.803) | 2.234 (+/- 5.339) | 1.17 (+/- 3.076) | 2.668 (+/- 5.215) | 1.196 (+/- 2.724) | 1.065 (+/- 2.017) | 1.003 (+/- 2.509) | 2.431 (+/- 4.13) | 1.788 (+/- 4.204) | 1.52 (+/- 3.906) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 92.291 (+/- 154.132) | 113.248 (+/- 175.82) | 94.208 (+/- 132.767) | 107.202 (+/- 142.309) | 94.26 (+/- 140.744) | 105.478 (+/- 214.339) | 51.05 (+/- 67.009) | 111.876 (+/- 171.588) | 153.878 (+/- 272.904) | 91.936 (+/- 93.046) | 103.196 (+/- 162.547) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 94.489 (+/- 184.901) | 73.858 (+/- 150.567) | 98.688 (+/- 175.872) | 79.267 (+/- 137.634) | 108.96 (+/- 206.136) | 78.952 (+/- 148.945) | 58.22 (+/- 88.715) | 70.922 (+/- 119.118) | 183.349 (+/- 326.405) | 72.526 (+/- 87.217) | 83.894 (+/- 160.42) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 43.46 (+/- 66.789) | 26.694 (+/- 68.129) | 40.416 (+/- 85.268) | 33.734 (+/- 90.412) | 41.23 (+/- 110.545) | 32.969 (+/- 59.942) | 65.082 (+/- 212.095) | 31.854 (+/- 73.767) | 60.747 (+/- 75.756) | 46.937 (+/- 65.123) | 35.526 (+/- 81.381) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 53.669 (+/- 109.53) | 29.781 (+/- 68.273) | 51.451 (+/- 128.27) | 36.955 (+/- 95.548) | 57.254 (+/- 114.278) | 33.521 (+/- 57.223) | 76.684 (+/- 219.065) | 34.836 (+/- 83.993) | 57.308 (+/- 73.638) | 60.406 (+/- 82.986) | 41.337 (+/- 96.549) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.462 (+/- 0.469) | 0.467 (+/- 0.458) | 0.558 (+/- 0.548) | 0.498 (+/- 0.445) | 0.437 (+/- 0.402) | 0.527 (+/- 0.498) | 0.659 (+/- 0.509) | 0.543 (+/- 0.502) | 0.424 (+/- 0.342) | 0.509 (+/- 0.411) | 0.496 (+/- 0.473) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.608 (+/- 0.349) | 0.608 (+/- 0.315) | 0.536 (+/- 0.354) | 0.575 (+/- 0.34) | 0.625 (+/- 0.415) | 0.609 (+/- 0.365) | 0.506 (+/- 0.282) | 0.627 (+/- 0.332) | 0.652 (+/- 0.396) | 0.646 (+/- 0.351) | 0.597 (+/- 0.35) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.295 (+/- 0.393) | 0.31 (+/- 0.39) | 0.39 (+/- 0.455) | 0.323 (+/- 0.341) | 0.281 (+/- 0.327) | 0.322 (+/- 0.436) | 0.404 (+/- 0.404) | 0.305 (+/- 0.465) | 0.227 (+/- 0.226) | 0.276 (+/- 0.322) | 0.32 (+/- 0.395) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.429 (+/- 0.511) | 0.435 (+/- 0.487) | 0.534 (+/- 0.578) | 0.467 (+/- 0.494) | 0.399 (+/- 0.439) | 0.508 (+/- 0.565) | 0.66 (+/- 0.56) | 0.516 (+/- 0.557) | 0.357 (+/- 0.385) | 0.469 (+/- 0.436) | 0.466 (+/- 0.515) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.617 (+/- 0.614) | 0.619 (+/- 0.588) | 0.708 (+/- 0.698) | 0.675 (+/- 0.626) | 0.569 (+/- 0.538) | 0.72 (+/- 0.656) | 0.878 (+/- 0.701) | 0.755 (+/- 0.655) | 0.62 (+/- 0.487) | 0.724 (+/- 0.609) | 0.664 (+/- 0.625) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.322 (+/- 0.369) | 0.309 (+/- 0.337) | 0.318 (+/- 0.375) | 0.352 (+/- 0.46) | 0.288 (+/- 0.343) | 0.399 (+/- 0.465) | 0.474 (+/- 0.509) | 0.45 (+/- 0.451) | 0.392 (+/- 0.414) | 0.448 (+/- 0.478) | 0.344 (+/- 0.403) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 2.289 (+/- 2.161) | 2.073 (+/- 2.39) | 2.302 (+/- 2.372) | 2.172 (+/- 2.363) | 1.951 (+/- 1.899) | 2.373 (+/- 3.585) | 2.288 (+/- 2.134) | 2.119 (+/- 2.04) | 2.011 (+/- 1.541) | 2.344 (+/- 2.409) | 2.187 (+/- 2.432) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 2.067 (+/- 2.472) | 1.958 (+/- 2.609) | 2.172 (+/- 2.938) | 2.026 (+/- 2.742) | 1.914 (+/- 2.34) | 2.268 (+/- 3.993) | 1.932 (+/- 2.063) | 2.02 (+/- 2.447) | 1.734 (+/- 1.339) | 2.017 (+/- 2.416) | 2.041 (+/- 2.764) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 1.633 (+/- 1.736) | 1.251 (+/- 1.782) | 1.729 (+/- 2.241) | 1.406 (+/- 1.708) | 1.34 (+/- 1.296) | 1.47 (+/- 2.097) | 1.759 (+/- 1.718) | 1.121 (+/- 0.987) | 1.155 (+/- 1.097) | 1.586 (+/- 1.458) | 1.431 (+/- 1.79) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 1.626 (+/- 1.94) | 1.362 (+/- 1.795) | 1.798 (+/- 2.534) | 1.45 (+/- 1.664) | 1.335 (+/- 1.243) | 1.494 (+/- 2.374) | 1.775 (+/- 1.859) | 1.124 (+/- 1.0) | 1.361 (+/- 1.385) | 1.447 (+/- 1.401) | 1.48 (+/- 1.9) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.014 (+/- 0.012) | 0.009 (+/- 0.008) | 0.012 (+/- 0.013) | 0.01 (+/- 0.01) | 0.015 (+/- 0.013) | 0.01 (+/- 0.009) | 0.014 (+/- 0.009) | 0.012 (+/- 0.012) | 0.02 (+/- 0.019) | 0.012 (+/- 0.009) | 0.011 (+/- 0.011) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.748 (+/- 0.952) | 1.916 (+/- 1.182) | 1.765 (+/- 1.034) | 1.998 (+/- 1.148) | 1.739 (+/- 0.979) | 1.942 (+/- 1.109) | 1.663 (+/- 0.914) | 2.255 (+/- 1.22) | 1.831 (+/- 0.868) | 2.319 (+/- 1.245) | 1.907 (+/- 1.116) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 0.767 (+/- 0.473) | 0.575 (+/- 0.374) | 0.674 (+/- 0.428) | 0.6 (+/- 0.366) | 0.761 (+/- 0.443) | 0.564 (+/- 0.385) | 0.774 (+/- 0.294) | 0.609 (+/- 0.329) | 0.815 (+/- 0.476) | 0.61 (+/- 0.319) | 0.638 (+/- 0.403) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.802 (+/- 0.27) | 0.767 (+/- 0.292) | 0.793 (+/- 0.296) | 0.778 (+/- 0.297) | 0.83 (+/- 0.266) | 0.789 (+/- 0.293) | 0.808 (+/- 0.225) | 0.826 (+/- 0.29) | 0.792 (+/- 0.298) | 0.819 (+/- 0.306) | 0.789 (+/- 0.289) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 6.475 (+/- 2.549) | 10.678 (+/- 3.114) | 6.784 (+/- 3.014) | 10.233 (+/- 3.211) | 6.69 (+/- 2.786) | 10.27 (+/- 3.378) | 6.376 (+/- 2.495) | 10.343 (+/- 2.721) | 6.325 (+/- 2.972) | 9.617 (+/- 3.258) | 9.077 (+/- 3.529) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.199 (+/- 1.858) | 0.221 (+/- 0.243) | 0.275 (+/- 0.501) | 0.216 (+/- 0.272) | 0.334 (+/- 0.416) | 0.302 (+/- 1.44) | 0.467 (+/- 0.683) | 0.245 (+/- 0.248) | 0.931 (+/- 2.846) | 0.296 (+/- 0.237) | 0.254 (+/- 0.963) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 3.949 (+/- 5.813) | -1.176 (+/- 6.268) | 2.766 (+/- 5.774) | -1.277 (+/- 6.336) | 3.379 (+/- 13.248) | -1.938 (+/- 6.404) | 3.564 (+/- 7.936) | -1.446 (+/- 6.806) | 2.887 (+/- 8.364) | -0.213 (+/- 7.709) | 0.387 (+/- 7.202) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 2.215 (+/- 14.429) | 0.403 (+/- 17.524) | -4.105 (+/- 72.231) | -0.125 (+/- 12.086) | 1.894 (+/- 11.047) | 0.727 (+/- 7.588) | 0.474 (+/- 3.529) | 0.926 (+/- 10.806) | -3.088 (+/- 15.528) | -2.104 (+/- 35.822) | 0.007 (+/- 28.704) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 19.127 (+/- 9.229) | 18.158 (+/- 8.746) | 18.636 (+/- 9.583) | 17.418 (+/- 8.695) | 18.229 (+/- 9.317) | 17.04 (+/- 9.404) | 18.084 (+/- 8.388) | 18.303 (+/- 8.545) | 16.993 (+/- 11.484) | 16.544 (+/- 10.119) | 18.064 (+/- 9.107) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.411 (+/- 4.231) | 0.049 (+/- 14.037) | 0.506 (+/- 1.666) | 0.436 (+/- 2.091) | 0.426 (+/- 0.965) | 0.852 (+/- 6.949) | 0.739 (+/- 1.608) | 0.612 (+/- 2.152) | 0.012 (+/- 9.989) | 1.331 (+/- 4.713) | 0.411 (+/- 8.024) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 594.36 (+/- 142.076) | 741.562 (+/- 145.803) | 587.631 (+/- 165.625) | 728.977 (+/- 157.221) | 583.948 (+/- 148.669) | 722.694 (+/- 168.929) | 580.004 (+/- 130.857) | 728.52 (+/- 91.498) | 579.313 (+/- 165.458) | 695.687 (+/- 179.701) | 682.177 (+/- 165.939) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.205 (+/- 0.085) | 0.137 (+/- 0.077) | 0.196 (+/- 0.09) | 0.142 (+/- 0.081) | 0.213 (+/- 0.091) | 0.149 (+/- 0.075) | 0.206 (+/- 0.083) | 0.165 (+/- 0.077) | 0.259 (+/- 0.092) | 0.166 (+/- 0.074) | 0.165 (+/- 0.087) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1443.982 (+/- 251.71) | 1348.74 (+/- 251.101) | 1426.131 (+/- 303.424) | 1355.615 (+/- 278.137) | 1441.296 (+/- 224.863) | 1374.655 (+/- 305.043) | 1471.818 (+/- 98.969) | 1441.307 (+/- 128.51) | 1451.21 (+/- 274.913) | 1368.026 (+/- 334.611) | 1390.156 (+/- 267.113) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.115 (+/- 0.044) | 0.116 (+/- 0.04) | 0.114 (+/- 0.047) | 0.115 (+/- 0.046) | 0.118 (+/- 0.04) | 0.117 (+/- 0.044) | 0.117 (+/- 0.047) | 0.124 (+/- 0.034) | 0.14 (+/- 0.058) | 0.125 (+/- 0.047) | 0.117 (+/- 0.044) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -61.481 (+/- 56.352) | -54.311 (+/- 54.239) | -55.017 (+/- 54.431) | -57.469 (+/- 57.663) | -65.049 (+/- 59.514) | -55.713 (+/- 54.417) | -46.144 (+/- 35.166) | -52.417 (+/- 45.9) | -65.927 (+/- 58.208) | -61.986 (+/- 51.368) | -56.871 (+/- 54.97) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -2.091 (+/- 4.483) | -2.005 (+/- 9.746) | -4.697 (+/- 34.327) | -1.821 (+/- 9.438) | -2.528 (+/- 3.936) | -2.415 (+/- 3.489) | -0.949 (+/- 6.061) | -2.052 (+/- 3.323) | -2.32 (+/- 2.819) | -1.923 (+/- 4.051) | -2.362 (+/- 13.75) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1443.441 (+/- 254.727) | 1597.031 (+/- 275.027) | 1420.74 (+/- 309.328) | 1574.7 (+/- 299.618) | 1435.662 (+/- 237.997) | 1545.539 (+/- 325.948) | 1446.03 (+/- 154.915) | 1587.352 (+/- 97.427) | 1407.084 (+/- 280.067) | 1502.588 (+/- 350.279) | 1527.338 (+/- 287.836) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.088 (+/- 0.045) | 0.071 (+/- 0.037) | 0.081 (+/- 0.044) | 0.07 (+/- 0.036) | 0.092 (+/- 0.051) | 0.074 (+/- 0.036) | 0.089 (+/- 0.044) | 0.077 (+/- 0.037) | 0.112 (+/- 0.047) | 0.077 (+/- 0.035) | 0.077 (+/- 0.041) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -65.092 (+/- 54.626) | -59.177 (+/- 51.493) | -59.043 (+/- 52.945) | -61.402 (+/- 55.455) | -68.499 (+/- 57.341) | -60.014 (+/- 51.793) | -48.952 (+/- 34.736) | -56.439 (+/- 43.571) | -65.352 (+/- 53.11) | -64.428 (+/- 49.758) | -60.885 (+/- 52.732) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -1.73 (+/- 2.951) | -1.737 (+/- 6.069) | -1.92 (+/- 7.183) | -1.637 (+/- 23.588) | -1.803 (+/- 3.008) | -1.721 (+/- 6.886) | -1.744 (+/- 1.712) | -2.153 (+/- 5.823) | -1.723 (+/- 1.334) | -2.124 (+/- 3.317) | -1.751 (+/- 11.558) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2429.596 (+/- 404.933) | 2592.444 (+/- 444.804) | 2406.402 (+/- 497.057) | 2565.566 (+/- 484.927) | 2442.553 (+/- 359.999) | 2541.238 (+/- 534.507) | 2447.771 (+/- 136.941) | 2638.283 (+/- 157.494) | 2410.764 (+/- 421.07) | 2502.698 (+/- 582.125) | 2523.442 (+/- 455.291) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.058 (+/- 0.025) | 0.065 (+/- 0.031) | 0.054 (+/- 0.026) | 0.066 (+/- 0.032) | 0.058 (+/- 0.031) | 0.068 (+/- 0.033) | 0.059 (+/- 0.024) | 0.071 (+/- 0.034) | 0.062 (+/- 0.029) | 0.073 (+/- 0.035) | 0.063 (+/- 0.03) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -73.606 (+/- 51.102) | -68.297 (+/- 48.225) | -68.17 (+/- 49.479) | -70.898 (+/- 51.558) | -76.822 (+/- 53.444) | -69.708 (+/- 48.499) | -59.374 (+/- 32.909) | -65.977 (+/- 41.217) | -72.847 (+/- 49.525) | -73.631 (+/- 46.106) | -70.04 (+/- 49.268) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -1.094 (+/- 1.35) | -1.131 (+/- 0.799) | -0.996 (+/- 3.318) | -1.224 (+/- 2.75) | -1.012 (+/- 1.133) | -1.255 (+/- 1.196) | -1.676 (+/- 3.104) | -1.203 (+/- 0.698) | -1.154 (+/- 0.726) | -1.208 (+/- 0.687) | -1.207 (+/- 3.418) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -11.258 (+/- 6.325) | -11.11 (+/- 6.286) | -11.141 (+/- 6.471) | -9.838 (+/- 6.71) | -11.496 (+/- 6.182) | -9.349 (+/- 6.038) | -10.408 (+/- 5.572) | -9.905 (+/- 6.215) | -10.471 (+/- 6.768) | -7.682 (+/- 6.41) | -10.525 (+/- 6.434) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.447 (+/- 2.196) | -0.299 (+/- 1.568) | -0.371 (+/- 1.05) | -0.32 (+/- 4.152) | -1.799 (+/- 10.884) | -0.403 (+/- 2.704) | -0.505 (+/- 0.601) | -0.425 (+/- 1.942) | -0.269 (+/- 0.615) | -0.441 (+/- 0.781) | -0.425 (+/- 3.366) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.876 (+/- 8.073) | 24.991 (+/- 8.181) | 23.886 (+/- 8.604) | 24.147 (+/- 8.25) | 24.256 (+/- 7.422) | 24.372 (+/- 8.716) | 24.18 (+/- 6.413) | 25.43 (+/- 7.575) | 23.025 (+/- 9.11) | 22.788 (+/- 8.511) | 24.346 (+/- 8.245) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.227 (+/- 0.2) | 0.193 (+/- 0.145) | 0.197 (+/- 0.128) | 0.193 (+/- 0.252) | 0.211 (+/- 0.127) | 0.187 (+/- 0.131) | 0.183 (+/- 0.065) | 0.206 (+/- 0.159) | 0.288 (+/- 0.48) | 0.232 (+/- 0.157) | 0.202 (+/- 0.186) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.027 (+/- 0.034) | 0.053 (+/- 0.035) | 0.028 (+/- 0.033) | 0.051 (+/- 0.034) | 0.034 (+/- 0.036) | 0.052 (+/- 0.035) | 0.023 (+/- 0.038) | 0.046 (+/- 0.039) | 0.035 (+/- 0.039) | 0.051 (+/- 0.034) | 0.044 (+/- 0.036) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.866 (+/- 13.383) | 0.0 (+/- 3.462) | -0.928 (+/- 26.522) | 0.174 (+/- 1.114) | 0.535 (+/- 2.602) | 0.242 (+/- 1.844) | 1.215 (+/- 4.265) | 0.296 (+/- 1.676) | 1.219 (+/- 9.117) | 0.354 (+/- 0.87) | -0.094 (+/- 10.764) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.013 (+/- 0.015) | -0.006 (+/- 0.014) | -0.015 (+/- 0.014) | -0.005 (+/- 0.015) | -0.017 (+/- 0.016) | -0.006 (+/- 0.014) | -0.018 (+/- 0.014) | -0.007 (+/- 0.016) | -0.019 (+/- 0.019) | -0.002 (+/- 0.015) | -0.009 (+/- 0.015) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | 0.74 (+/- 18.296) | -4.615 (+/- 127.456) | 0.689 (+/- 35.056) | -0.408 (+/- 4.696) | -1.347 (+/- 6.465) | 1.044 (+/- 18.949) | -0.245 (+/- 2.571) | 1.016 (+/- 13.802) | -0.537 (+/- 2.816) | 0.792 (+/- 10.524) | -1.025 (+/- 68.192) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -9.026 (+/- 6.006) | -8.809 (+/- 6.598) | -9.583 (+/- 6.598) | -8.748 (+/- 7.127) | -9.173 (+/- 6.822) | -7.804 (+/- 7.093) | -8.816 (+/- 5.993) | -9.077 (+/- 7.528) | -7.071 (+/- 7.239) | -7.192 (+/- 7.191) | -8.76 (+/- 6.764) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 19.496 (+/- 7.532) | 19.077 (+/- 7.932) | 20.066 (+/- 8.005) | 19.192 (+/- 8.726) | 19.401 (+/- 7.918) | 18.238 (+/- 8.538) | 19.278 (+/- 7.411) | 19.663 (+/- 9.099) | 17.188 (+/- 8.658) | 17.395 (+/- 8.676) | 19.153 (+/- 8.217) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.014 (+/- 0.036) | 0.021 (+/- 0.042) | 0.01 (+/- 0.036) | 0.019 (+/- 0.04) | 0.019 (+/- 0.038) | 0.026 (+/- 0.043) | 0.01 (+/- 0.041) | 0.014 (+/- 0.042) | 0.025 (+/- 0.044) | 0.018 (+/- 0.039) | 0.018 (+/- 0.04) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.01 (+/- 0.014) | 0.013 (+/- 0.013) | 0.008 (+/- 0.014) | 0.013 (+/- 0.013) | 0.008 (+/- 0.018) | 0.014 (+/- 0.014) | 0.006 (+/- 0.012) | 0.013 (+/- 0.011) | 0.01 (+/- 0.018) | 0.016 (+/- 0.014) | 0.012 (+/- 0.014) |
| loudnessPeaksPerSec  (opensmile\_features) | 1.267 (+/- 1.548) | 0.912 (+/- 1.241) | 1.196 (+/- 1.625) | 1.046 (+/- 1.406) | 1.009 (+/- 0.815) | 1.09 (+/- 1.555) | 1.182 (+/- 0.767) | 0.88 (+/- 0.563) | 1.322 (+/- 2.017) | 1.219 (+/- 1.64) | 1.064 (+/- 1.388) |
| VoicedSegmentsPerSec  (opensmile\_features) | 0.573 (+/- 0.649) | 0.4 (+/- 0.569) | 0.505 (+/- 0.658) | 0.397 (+/- 0.543) | 0.623 (+/- 0.711) | 0.346 (+/- 0.448) | 0.526 (+/- 0.741) | 0.341 (+/- 0.423) | 0.436 (+/- 0.581) | 0.478 (+/- 0.601) | 0.444 (+/- 0.587) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 5.16 (+/- 7.385) | 6.816 (+/- 7.052) | 5.694 (+/- 7.377) | 6.573 (+/- 7.033) | 5.079 (+/- 7.537) | 6.279 (+/- 6.401) | 7.246 (+/- 8.368) | 6.957 (+/- 7.899) | 4.785 (+/- 4.482) | 4.67 (+/- 5.572) | 6.17 (+/- 7.142) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 2.353 (+/- 2.718) | 2.277 (+/- 2.977) | 2.567 (+/- 3.08) | 2.168 (+/- 2.785) | 2.496 (+/- 2.95) | 2.184 (+/- 2.635) | 1.647 (+/- 1.791) | 2.334 (+/- 2.576) | 2.622 (+/- 2.774) | 2.709 (+/- 2.984) | 2.32 (+/- 2.848) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 1.085 (+/- 3.163) | 1.094 (+/- 2.335) | 1.421 (+/- 3.981) | 1.422 (+/- 3.19) | 1.136 (+/- 3.102) | 1.551 (+/- 3.666) | 0.812 (+/- 1.022) | 1.048 (+/- 1.556) | 1.402 (+/- 2.743) | 1.159 (+/- 2.255) | 1.239 (+/- 3.008) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.699 (+/- 1.168) | 0.701 (+/- 1.303) | 0.68 (+/- 1.151) | 0.84 (+/- 1.58) | 0.876 (+/- 1.53) | 0.654 (+/- 1.176) | 0.596 (+/- 0.852) | 0.815 (+/- 1.385) | 1.051 (+/- 1.688) | 0.768 (+/- 1.106) | 0.745 (+/- 1.347) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 13.063 (+/- 7.441) | 10.675 (+/- 6.471) | 14.632 (+/- 8.011) | 11.326 (+/- 7.257) | 13.347 (+/- 7.472) | 10.829 (+/- 6.304) | 15.27 (+/- 7.507) | 11.125 (+/- 6.637) | 11.792 (+/- 6.931) | 11.972 (+/- 7.45) | 11.935 (+/- 7.212) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 18.768 (+/- 7.906) | 16.653 (+/- 7.365) | 19.561 (+/- 8.179) | 16.401 (+/- 7.854) | 19.439 (+/- 7.355) | 15.44 (+/- 7.571) | 19.538 (+/- 7.849) | 16.149 (+/- 7.422) | 16.562 (+/- 7.381) | 16.226 (+/- 8.157) | 17.285 (+/- 7.835) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 5.705 (+/- 5.862) | 5.979 (+/- 5.95) | 4.929 (+/- 5.724) | 5.075 (+/- 5.391) | 6.092 (+/- 5.615) | 4.61 (+/- 5.27) | 4.268 (+/- 5.566) | 5.024 (+/- 5.289) | 4.769 (+/- 5.044) | 4.254 (+/- 3.936) | 5.35 (+/- 5.643) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.29 (+/- 0.241) | 0.334 (+/- 0.258) | 0.244 (+/- 0.246) | 0.297 (+/- 0.254) | 0.312 (+/- 0.239) | 0.268 (+/- 0.238) | 0.215 (+/- 0.216) | 0.29 (+/- 0.236) | 0.269 (+/- 0.234) | 0.273 (+/- 0.209) | 0.294 (+/- 0.249) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.745 (+/- 1.732) | 0.904 (+/- 1.253) | 0.648 (+/- 1.277) | 0.917 (+/- 2.447) | 0.724 (+/- 0.84) | 0.813 (+/- 2.513) | 0.488 (+/- 0.886) | 0.856 (+/- 2.559) | 0.588 (+/- 0.726) | 0.562 (+/- 0.752) | 0.807 (+/- 1.805) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.616 (+/- 1.023) | 0.946 (+/- 1.295) | 0.671 (+/- 1.191) | 1.046 (+/- 1.62) | 0.929 (+/- 1.9) | 0.924 (+/- 1.32) | 0.729 (+/- 0.801) | 0.949 (+/- 1.277) | 0.874 (+/- 1.283) | 0.652 (+/- 0.694) | 0.865 (+/- 1.34) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 2.262 (+/- 13.401) | 4.226 (+/- 11.484) | 2.327 (+/- 10.875) | 4.587 (+/- 13.288) | 4.493 (+/- 18.373) | 3.025 (+/- 8.265) | 2.402 (+/- 7.445) | 2.882 (+/- 7.931) | 3.622 (+/- 10.317) | 1.166 (+/- 3.109) | 3.494 (+/- 12.124) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 11.677 (+/- 7.307) | 9.474 (+/- 6.317) | 13.244 (+/- 8.145) | 10.109 (+/- 7.06) | 11.677 (+/- 7.372) | 9.839 (+/- 6.268) | 14.436 (+/- 7.737) | 10.024 (+/- 6.472) | 10.935 (+/- 6.841) | 10.673 (+/- 7.067) | 10.695 (+/- 7.089) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 18.164 (+/- 7.95) | 15.861 (+/- 7.585) | 18.735 (+/- 8.39) | 15.527 (+/- 8.25) | 18.3 (+/- 7.79) | 14.727 (+/- 7.54) | 18.953 (+/- 8.168) | 15.567 (+/- 7.405) | 16.253 (+/- 7.422) | 15.487 (+/- 8.292) | 16.516 (+/- 8.029) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 6.487 (+/- 6.289) | 6.387 (+/- 6.262) | 5.492 (+/- 6.204) | 5.418 (+/- 5.892) | 6.623 (+/- 5.937) | 4.888 (+/- 5.528) | 4.518 (+/- 5.941) | 5.543 (+/- 5.797) | 5.318 (+/- 5.138) | 4.814 (+/- 4.481) | 5.82 (+/- 6.045) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.337 (+/- 0.268) | 0.364 (+/- 0.277) | 0.276 (+/- 0.274) | 0.311 (+/- 0.274) | 0.349 (+/- 0.26) | 0.286 (+/- 0.258) | 0.226 (+/- 0.234) | 0.32 (+/- 0.263) | 0.305 (+/- 0.242) | 0.298 (+/- 0.231) | 0.323 (+/- 0.271) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 1.007 (+/- 1.939) | 1.118 (+/- 1.603) | 0.913 (+/- 2.283) | 1.154 (+/- 4.946) | 1.031 (+/- 1.961) | 0.932 (+/- 2.836) | 0.581 (+/- 1.089) | 1.087 (+/- 2.983) | 0.696 (+/- 0.792) | 0.695 (+/- 0.979) | 1.027 (+/- 2.845) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.791 (+/- 1.224) | 1.187 (+/- 1.513) | 0.891 (+/- 1.403) | 1.327 (+/- 1.864) | 1.221 (+/- 2.123) | 1.064 (+/- 1.389) | 0.862 (+/- 1.069) | 1.131 (+/- 1.254) | 0.731 (+/- 0.656) | 0.851 (+/- 0.925) | 1.081 (+/- 1.527) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 3.271 (+/- 12.081) | 5.948 (+/- 13.756) | 3.475 (+/- 10.913) | 6.635 (+/- 16.208) | 6.092 (+/- 19.334) | 3.631 (+/- 8.255) | 3.589 (+/- 10.083) | 4.191 (+/- 9.261) | 2.207 (+/- 4.363) | 2.155 (+/- 6.064) | 4.876 (+/- 13.357) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 9.995 (+/- 7.747) | 8.281 (+/- 6.587) | 11.959 (+/- 8.635) | 8.916 (+/- 7.275) | 9.719 (+/- 7.873) | 8.564 (+/- 6.538) | 13.577 (+/- 8.302) | 9.088 (+/- 6.74) | 9.671 (+/- 7.333) | 9.077 (+/- 7.053) | 9.378 (+/- 7.397) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 15.966 (+/- 8.873) | 13.415 (+/- 8.217) | 16.505 (+/- 9.188) | 13.109 (+/- 8.903) | 15.813 (+/- 9.034) | 12.582 (+/- 7.97) | 17.339 (+/- 8.992) | 13.194 (+/- 7.69) | 13.414 (+/- 7.909) | 13.694 (+/- 8.903) | 14.211 (+/- 8.722) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 5.97 (+/- 6.756) | 5.134 (+/- 6.31) | 4.546 (+/- 6.183) | 4.194 (+/- 5.666) | 6.095 (+/- 6.429) | 4.018 (+/- 5.589) | 3.762 (+/- 5.7) | 4.106 (+/- 5.021) | 3.743 (+/- 4.255) | 4.617 (+/- 5.521) | 4.833 (+/- 6.125) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.325 (+/- 0.298) | 0.316 (+/- 0.3) | 0.242 (+/- 0.28) | 0.249 (+/- 0.281) | 0.349 (+/- 0.299) | 0.257 (+/- 0.28) | 0.206 (+/- 0.261) | 0.27 (+/- 0.264) | 0.256 (+/- 0.228) | 0.275 (+/- 0.262) | 0.284 (+/- 0.29) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 1.45 (+/- 4.338) | 1.191 (+/- 2.472) | 0.92 (+/- 2.24) | 0.898 (+/- 2.254) | 1.327 (+/- 2.384) | 0.885 (+/- 1.742) | 0.69 (+/- 1.439) | 0.866 (+/- 1.915) | 0.591 (+/- 0.899) | 0.752 (+/- 1.196) | 1.069 (+/- 2.646) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 1.449 (+/- 1.954) | 2.041 (+/- 2.516) | 1.416 (+/- 2.057) | 1.825 (+/- 2.483) | 2.094 (+/- 2.797) | 1.52 (+/- 1.864) | 1.635 (+/- 2.327) | 1.719 (+/- 1.861) | 1.396 (+/- 1.601) | 1.478 (+/- 1.72) | 1.736 (+/- 2.279) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 8.689 (+/- 20.111) | 12.61 (+/- 24.783) | 8.033 (+/- 19.362) | 11.236 (+/- 24.925) | 13.411 (+/- 25.947) | 6.882 (+/- 14.806) | 8.551 (+/- 21.655) | 7.782 (+/- 15.438) | 8.42 (+/- 15.468) | 6.381 (+/- 13.605) | 10.137 (+/- 22.113) |
| UtteranceNumber  (pause\_features) | 7.656 (+/- 6.705) | 6.409 (+/- 5.782) | 6.287 (+/- 6.414) | 6.005 (+/- 5.861) | 6.932 (+/- 5.862) | 5.339 (+/- 4.75) | 5.206 (+/- 4.727) | 5.57 (+/- 5.485) | 5.852 (+/- 4.47) | 6.672 (+/- 4.991) | 6.365 (+/- 5.929) |
| PauseNumber  (pause\_features) | 6.667 (+/- 6.694) | 5.421 (+/- 5.77) | 5.304 (+/- 6.399) | 5.019 (+/- 5.848) | 5.955 (+/- 5.837) | 4.345 (+/- 4.744) | 4.206 (+/- 4.727) | 4.58 (+/- 5.476) | 4.852 (+/- 4.47) | 5.672 (+/- 4.991) | 5.376 (+/- 5.917) |
| AveragePauseLength  (pause\_features) | 0.908 (+/- 1.161) | 1.366 (+/- 2.533) | 0.838 (+/- 1.071) | 1.239 (+/- 2.125) | 1.176 (+/- 1.857) | 1.102 (+/- 1.401) | 0.803 (+/- 0.72) | 1.045 (+/- 1.347) | 0.752 (+/- 0.549) | 1.042 (+/- 2.359) | 1.129 (+/- 1.918) |
| StdPauseLength  (pause\_features) | 0.903 (+/- 1.347) | 1.011 (+/- 1.527) | 0.728 (+/- 1.195) | 0.846 (+/- 1.398) | 0.931 (+/- 1.301) | 0.941 (+/- 1.46) | 0.571 (+/- 0.954) | 0.893 (+/- 1.626) | 0.75 (+/- 0.934) | 0.525 (+/- 0.628) | 0.892 (+/- 1.425) |
| TimeToFirstPhonation  (pause\_features) | 0.424 (+/- 0.883) | 0.371 (+/- 0.498) | 0.36 (+/- 0.587) | 0.4 (+/- 0.623) | 0.517 (+/- 1.132) | 0.449 (+/- 0.745) | 0.166 (+/- 0.358) | 0.438 (+/- 0.814) | 0.339 (+/- 0.386) | 0.449 (+/- 0.705) | 0.399 (+/- 0.691) |
| TimeToLastPhonation  (pause\_features) | 19.345 (+/- 7.716) | 16.987 (+/- 7.608) | 19.444 (+/- 8.099) | 16.643 (+/- 8.075) | 19.102 (+/- 8.042) | 15.356 (+/- 7.395) | 18.976 (+/- 8.756) | 15.962 (+/- 7.683) | 16.551 (+/- 7.167) | 17.116 (+/- 7.737) | 17.523 (+/- 7.928) |
| UtterancePerMin  (pause\_features) | 22.466 (+/- 16.444) | 20.319 (+/- 14.82) | 17.209 (+/- 14.723) | 19.035 (+/- 15.562) | 19.51 (+/- 15.029) | 18.305 (+/- 12.568) | 15.132 (+/- 11.352) | 18.686 (+/- 14.712) | 19.116 (+/- 13.289) | 21.622 (+/- 13.873) | 19.628 (+/- 15.012) |
| WordsPerMin  (pause\_features) | 10.526 (+/- 12.737) | 8.001 (+/- 7.943) | 11.046 (+/- 11.894) | 9.614 (+/- 13.985) | 10.305 (+/- 14.297) | 7.858 (+/- 4.483) | 8.911 (+/- 4.488) | 8.936 (+/- 4.966) | 8.794 (+/- 5.346) | 9.471 (+/- 10.118) | 9.307 (+/- 10.736) |
| Duration  (pause\_features) | 20.837 (+/- 7.057) | 18.753 (+/- 6.778) | 21.543 (+/- 7.16) | 18.851 (+/- 7.15) | 21.652 (+/- 6.726) | 17.286 (+/- 6.808) | 20.959 (+/- 7.714) | 17.817 (+/- 7.398) | 18.637 (+/- 6.839) | 19.088 (+/- 7.385) | 19.431 (+/- 7.156) |