|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=369) | Twenties Female (18-29)   (N=666) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=474) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=230) | Fifties Male (50-59)   (N=40) | Fifties Female (50-59)   (N=127) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2453) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 25.474 (+/- 5.653) | 33.965 (+/- 4.665) | 25.894 (+/- 5.669) | 33.136 (+/- 6.262) | 25.498 (+/- 5.518) | 32.693 (+/- 6.071) | 25.961 (+/- 3.462) | 32.758 (+/- 3.418) | 26.403 (+/- 7.195) | 32.619 (+/- 4.513) | 30.687 (+/- 6.55) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.184 (+/- 0.104) | 0.127 (+/- 0.059) | 0.17 (+/- 0.089) | 0.123 (+/- 0.058) | 0.19 (+/- 0.108) | 0.128 (+/- 0.057) | 0.19 (+/- 0.086) | 0.129 (+/- 0.06) | 0.23 (+/- 0.129) | 0.144 (+/- 0.06) | 0.146 (+/- 0.08) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.625 (+/- 5.462) | 31.691 (+/- 5.225) | 23.078 (+/- 5.518) | 30.699 (+/- 6.408) | 22.298 (+/- 5.059) | 29.951 (+/- 6.123) | 23.048 (+/- 3.293) | 30.122 (+/- 3.947) | 21.984 (+/- 6.498) | 29.532 (+/- 4.892) | 28.051 (+/- 6.793) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 24.535 (+/- 5.627) | 33.874 (+/- 4.734) | 25.175 (+/- 5.76) | 32.95 (+/- 6.142) | 24.444 (+/- 5.444) | 32.392 (+/- 6.033) | 24.991 (+/- 3.596) | 32.468 (+/- 3.447) | 24.957 (+/- 6.894) | 32.25 (+/- 4.347) | 30.25 (+/- 6.737) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 27.211 (+/- 6.286) | 36.32 (+/- 4.832) | 27.897 (+/- 6.14) | 35.437 (+/- 6.552) | 27.5 (+/- 6.655) | 35.17 (+/- 6.496) | 27.856 (+/- 4.376) | 35.27 (+/- 3.417) | 29.886 (+/- 10.225) | 35.236 (+/- 4.856) | 32.916 (+/- 7.05) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.586 (+/- 3.191) | 4.629 (+/- 3.252) | 4.819 (+/- 3.191) | 4.738 (+/- 2.884) | 5.202 (+/- 4.13) | 5.22 (+/- 3.158) | 4.807 (+/- 2.657) | 5.148 (+/- 2.807) | 7.902 (+/- 8.299) | 5.704 (+/- 3.162) | 4.865 (+/- 3.334) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 258.405 (+/- 199.213) | 227.333 (+/- 126.125) | 228.118 (+/- 170.055) | 196.878 (+/- 119.269) | 277.472 (+/- 218.76) | 197.891 (+/- 116.211) | 270.73 (+/- 184.474) | 195.578 (+/- 134.517) | 326.638 (+/- 211.795) | 230.613 (+/- 146.615) | 226.419 (+/- 154.148) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 439.396 (+/- 337.342) | 363.003 (+/- 202.037) | 385.293 (+/- 299.389) | 325.465 (+/- 206.358) | 455.828 (+/- 353.114) | 335.912 (+/- 210.373) | 464.267 (+/- 339.04) | 334.32 (+/- 205.706) | 513.978 (+/- 331.542) | 397.557 (+/- 235.354) | 375.64 (+/- 259.373) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 112.667 (+/- 96.787) | 95.544 (+/- 62.238) | 96.606 (+/- 84.278) | 89.915 (+/- 71.557) | 111.631 (+/- 91.157) | 88.975 (+/- 62.143) | 116.51 (+/- 106.299) | 79.648 (+/- 54.328) | 124.762 (+/- 90.709) | 91.209 (+/- 72.238) | 97.322 (+/- 76.385) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 195.207 (+/- 211.849) | 174.119 (+/- 147.979) | 162.868 (+/- 173.767) | 165.899 (+/- 156.471) | 178.375 (+/- 163.503) | 166.612 (+/- 155.156) | 193.095 (+/- 232.73) | 143.603 (+/- 137.91) | 178.95 (+/- 157.782) | 155.836 (+/- 145.268) | 172.637 (+/- 167.724) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.403 (+/- 0.29) | 0.433 (+/- 0.305) | 0.457 (+/- 0.319) | 0.45 (+/- 0.345) | 0.395 (+/- 0.302) | 0.481 (+/- 0.346) | 0.482 (+/- 0.308) | 0.49 (+/- 0.338) | 0.405 (+/- 0.239) | 0.484 (+/- 0.3) | 0.443 (+/- 0.318) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.751 (+/- 0.25) | 0.749 (+/- 0.171) | 0.726 (+/- 0.198) | 0.743 (+/- 0.188) | 0.731 (+/- 0.172) | 0.784 (+/- 0.231) | 0.714 (+/- 0.13) | 0.748 (+/- 0.16) | 0.759 (+/- 0.227) | 0.775 (+/- 0.167) | 0.748 (+/- 0.198) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.118 (+/- 0.112) | 0.129 (+/- 0.12) | 0.143 (+/- 0.131) | 0.133 (+/- 0.129) | 0.115 (+/- 0.116) | 0.129 (+/- 0.125) | 0.142 (+/- 0.088) | 0.137 (+/- 0.106) | 0.101 (+/- 0.101) | 0.124 (+/- 0.094) | 0.129 (+/- 0.12) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.338 (+/- 0.259) | 0.357 (+/- 0.255) | 0.384 (+/- 0.28) | 0.366 (+/- 0.29) | 0.327 (+/- 0.258) | 0.387 (+/- 0.299) | 0.404 (+/- 0.273) | 0.402 (+/- 0.304) | 0.32 (+/- 0.183) | 0.393 (+/- 0.261) | 0.365 (+/- 0.273) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.646 (+/- 0.473) | 0.699 (+/- 0.501) | 0.732 (+/- 0.525) | 0.738 (+/- 0.592) | 0.642 (+/- 0.512) | 0.795 (+/- 0.597) | 0.781 (+/- 0.537) | 0.81 (+/- 0.592) | 0.681 (+/- 0.433) | 0.808 (+/- 0.526) | 0.721 (+/- 0.536) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.528 (+/- 0.402) | 0.57 (+/- 0.421) | 0.589 (+/- 0.455) | 0.605 (+/- 0.514) | 0.527 (+/- 0.446) | 0.666 (+/- 0.526) | 0.639 (+/- 0.488) | 0.674 (+/- 0.528) | 0.58 (+/- 0.415) | 0.684 (+/- 0.483) | 0.592 (+/- 0.464) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 6.768 (+/- 4.705) | 7.521 (+/- 5.145) | 7.289 (+/- 5.115) | 7.628 (+/- 5.752) | 6.405 (+/- 5.038) | 8.399 (+/- 5.777) | 7.688 (+/- 5.318) | 8.019 (+/- 5.289) | 6.253 (+/- 3.826) | 7.882 (+/- 5.192) | 7.47 (+/- 5.274) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.945 (+/- 2.732) | 4.381 (+/- 3.038) | 4.38 (+/- 3.088) | 4.295 (+/- 3.095) | 3.627 (+/- 2.717) | 4.717 (+/- 3.356) | 4.339 (+/- 2.71) | 4.429 (+/- 2.834) | 3.589 (+/- 2.189) | 4.343 (+/- 2.738) | 4.291 (+/- 2.999) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 5.009 (+/- 4.024) | 5.413 (+/- 3.891) | 5.549 (+/- 4.035) | 5.505 (+/- 4.309) | 4.802 (+/- 3.921) | 6.109 (+/- 4.481) | 5.852 (+/- 3.777) | 5.716 (+/- 3.926) | 4.678 (+/- 2.953) | 5.536 (+/- 3.737) | 5.452 (+/- 4.065) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 3.19 (+/- 2.197) | 3.373 (+/- 2.408) | 3.525 (+/- 2.523) | 3.327 (+/- 2.489) | 2.979 (+/- 2.342) | 3.746 (+/- 3.161) | 3.486 (+/- 2.019) | 3.291 (+/- 2.125) | 2.843 (+/- 1.783) | 3.186 (+/- 2.015) | 3.362 (+/- 2.452) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.032 (+/- 0.011) | 0.029 (+/- 0.009) | 0.033 (+/- 0.012) | 0.028 (+/- 0.009) | 0.033 (+/- 0.011) | 0.029 (+/- 0.009) | 0.036 (+/- 0.009) | 0.029 (+/- 0.007) | 0.036 (+/- 0.015) | 0.029 (+/- 0.007) | 0.03 (+/- 0.01) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.335 (+/- 0.392) | 1.674 (+/- 0.401) | 1.345 (+/- 0.388) | 1.548 (+/- 0.425) | 1.364 (+/- 0.359) | 1.489 (+/- 0.402) | 1.393 (+/- 0.299) | 1.513 (+/- 0.32) | 1.392 (+/- 0.455) | 1.472 (+/- 0.322) | 1.502 (+/- 0.414) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.372 (+/- 0.322) | 1.185 (+/- 0.215) | 1.351 (+/- 0.324) | 1.185 (+/- 0.265) | 1.38 (+/- 0.351) | 1.2 (+/- 0.271) | 1.391 (+/- 0.193) | 1.207 (+/- 0.174) | 1.334 (+/- 0.401) | 1.208 (+/- 0.229) | 1.252 (+/- 0.284) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.853 (+/- 0.179) | 0.9 (+/- 0.162) | 0.853 (+/- 0.167) | 0.858 (+/- 0.186) | 0.82 (+/- 0.174) | 0.846 (+/- 0.182) | 0.839 (+/- 0.098) | 0.865 (+/- 0.126) | 0.765 (+/- 0.209) | 0.832 (+/- 0.145) | 0.864 (+/- 0.172) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.443 (+/- 1.863) | 7.718 (+/- 1.852) | 4.49 (+/- 1.859) | 7.079 (+/- 2.002) | 4.236 (+/- 1.765) | 6.914 (+/- 1.91) | 4.381 (+/- 1.351) | 6.992 (+/- 1.651) | 4.176 (+/- 1.863) | 6.714 (+/- 1.509) | 6.291 (+/- 2.327) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.686 (+/- 1.17) | 0.488 (+/- 0.245) | 0.502 (+/- 1.568) | 0.498 (+/- 0.193) | 1.859 (+/- 9.002) | 0.523 (+/- 0.24) | 0.72 (+/- 0.537) | 0.496 (+/- 0.232) | 0.747 (+/- 0.425) | 0.543 (+/- 0.155) | 0.599 (+/- 2.086) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.136 (+/- 4.68) | 6.031 (+/- 4.491) | 3.765 (+/- 4.61) | 5.085 (+/- 5.368) | 4.026 (+/- 5.513) | 4.542 (+/- 3.364) | 3.93 (+/- 4.039) | 4.81 (+/- 4.218) | 3.157 (+/- 4.568) | 5.713 (+/- 3.14) | 4.892 (+/- 4.697) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 1.599 (+/- 14.385) | 1.568 (+/- 23.415) | 1.461 (+/- 62.009) | 1.185 (+/- 68.606) | 0.962 (+/- 40.646) | -25.304 (+/- 416.868) | 1.834 (+/- 3.326) | 2.237 (+/- 9.569) | 4.854 (+/- 13.676) | 2.413 (+/- 3.042) | -0.965 (+/- 134.102) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 21.448 (+/- 7.957) | 21.708 (+/- 6.356) | 21.185 (+/- 7.726) | 20.25 (+/- 7.427) | 21.112 (+/- 7.502) | 20.019 (+/- 6.402) | 21.604 (+/- 6.697) | 20.941 (+/- 5.929) | 18.144 (+/- 9.929) | 21.586 (+/- 5.812) | 21.029 (+/- 7.121) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.7 (+/- 2.657) | 0.748 (+/- 3.328) | 0.426 (+/- 3.289) | 0.589 (+/- 1.05) | 0.528 (+/- 0.476) | 0.662 (+/- 0.448) | 0.687 (+/- 0.864) | 0.695 (+/- 0.649) | 0.695 (+/- 2.027) | 0.649 (+/- 0.426) | 0.639 (+/- 2.404) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 564.875 (+/- 117.282) | 678.267 (+/- 89.858) | 579.345 (+/- 119.493) | 657.409 (+/- 117.189) | 560.077 (+/- 120.145) | 666.168 (+/- 121.505) | 578.213 (+/- 79.419) | 666.052 (+/- 59.366) | 572.672 (+/- 155.181) | 656.594 (+/- 89.229) | 633.997 (+/- 117.795) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.302 (+/- 0.067) | 0.234 (+/- 0.046) | 0.303 (+/- 0.067) | 0.241 (+/- 0.056) | 0.307 (+/- 0.07) | 0.239 (+/- 0.053) | 0.323 (+/- 0.047) | 0.25 (+/- 0.036) | 0.325 (+/- 0.087) | 0.257 (+/- 0.045) | 0.262 (+/- 0.065) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1390.186 (+/- 229.077) | 1380.578 (+/- 164.567) | 1398.643 (+/- 201.659) | 1382.169 (+/- 221.882) | 1375.782 (+/- 236.641) | 1379.413 (+/- 232.742) | 1430.078 (+/- 66.187) | 1414.082 (+/- 62.941) | 1330.589 (+/- 329.539) | 1403.315 (+/- 165.707) | 1387.036 (+/- 200.691) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.16 (+/- 0.046) | 0.165 (+/- 0.03) | 0.162 (+/- 0.046) | 0.158 (+/- 0.036) | 0.166 (+/- 0.052) | 0.159 (+/- 0.034) | 0.169 (+/- 0.039) | 0.16 (+/- 0.026) | 0.185 (+/- 0.07) | 0.162 (+/- 0.028) | 0.162 (+/- 0.039) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -126.944 (+/- 26.559) | -115.804 (+/- 21.743) | -124.874 (+/- 24.82) | -117.045 (+/- 26.342) | -128.42 (+/- 27.051) | -115.259 (+/- 26.477) | -126.719 (+/- 19.321) | -111.885 (+/- 21.086) | -125.392 (+/- 28.992) | -108.03 (+/- 21.423) | -119.171 (+/- 25.128) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.722 (+/- 0.228) | -0.796 (+/- 0.184) | -0.739 (+/- 0.209) | -0.795 (+/- 0.229) | -0.71 (+/- 0.222) | -0.813 (+/- 0.232) | -0.729 (+/- 0.154) | -0.836 (+/- 0.178) | -0.734 (+/- 0.257) | -0.874 (+/- 0.189) | -0.779 (+/- 0.214) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1487.21 (+/- 246.22) | 1633.143 (+/- 190.068) | 1506.266 (+/- 218.827) | 1590.224 (+/- 252.126) | 1482.686 (+/- 258.266) | 1590.333 (+/- 264.501) | 1518.501 (+/- 67.541) | 1620.383 (+/- 54.559) | 1462.937 (+/- 358.525) | 1592.199 (+/- 184.899) | 1570.057 (+/- 230.845) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.14 (+/- 0.029) | 0.126 (+/- 0.022) | 0.141 (+/- 0.03) | 0.124 (+/- 0.026) | 0.142 (+/- 0.032) | 0.125 (+/- 0.027) | 0.149 (+/- 0.018) | 0.127 (+/- 0.017) | 0.147 (+/- 0.042) | 0.13 (+/- 0.021) | 0.131 (+/- 0.027) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -129.327 (+/- 25.417) | -116.801 (+/- 21.501) | -127.278 (+/- 23.856) | -117.809 (+/- 25.898) | -130.632 (+/- 25.852) | -116.142 (+/- 26.371) | -128.88 (+/- 19.395) | -113.588 (+/- 20.647) | -125.258 (+/- 28.779) | -109.426 (+/- 21.601) | -120.594 (+/- 24.731) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.667 (+/- 0.203) | -0.745 (+/- 0.17) | -0.683 (+/- 0.187) | -0.748 (+/- 0.213) | -0.657 (+/- 0.198) | -0.765 (+/- 0.217) | -0.678 (+/- 0.147) | -0.777 (+/- 0.16) | -0.704 (+/- 0.245) | -0.817 (+/- 0.182) | -0.727 (+/- 0.197) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2421.478 (+/- 390.514) | 2575.44 (+/- 294.202) | 2444.88 (+/- 334.383) | 2520.876 (+/- 395.566) | 2418.264 (+/- 408.078) | 2516.24 (+/- 416.648) | 2475.793 (+/- 67.356) | 2576.68 (+/- 67.29) | 2362.499 (+/- 569.843) | 2539.908 (+/- 291.361) | 2507.332 (+/- 354.632) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.084 (+/- 0.019) | 0.083 (+/- 0.016) | 0.083 (+/- 0.018) | 0.082 (+/- 0.018) | 0.084 (+/- 0.02) | 0.084 (+/- 0.019) | 0.089 (+/- 0.015) | 0.085 (+/- 0.015) | 0.086 (+/- 0.024) | 0.085 (+/- 0.016) | 0.083 (+/- 0.018) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -131.448 (+/- 24.58) | -119.141 (+/- 20.981) | -129.43 (+/- 23.235) | -120.138 (+/- 25.404) | -132.698 (+/- 25.077) | -118.662 (+/- 25.673) | -131.154 (+/- 18.668) | -116.23 (+/- 19.917) | -127.136 (+/- 28.053) | -112.474 (+/- 20.783) | -122.917 (+/- 24.075) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.633 (+/- 0.189) | -0.707 (+/- 0.159) | -0.649 (+/- 0.177) | -0.71 (+/- 0.202) | -0.624 (+/- 0.184) | -0.722 (+/- 0.203) | -0.643 (+/- 0.135) | -0.733 (+/- 0.148) | -0.671 (+/- 0.225) | -0.763 (+/- 0.164) | -0.689 (+/- 0.184) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -13.802 (+/- 5.405) | -13.494 (+/- 4.584) | -13.55 (+/- 5.409) | -12.151 (+/- 5.063) | -13.516 (+/- 5.032) | -11.701 (+/- 4.599) | -13.998 (+/- 4.8) | -12.85 (+/- 4.535) | -11.758 (+/- 5.936) | -12.119 (+/- 4.201) | -13.003 (+/- 5.002) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.627 (+/- 0.986) | -0.746 (+/- 0.451) | -0.662 (+/- 0.696) | -0.823 (+/- 1.294) | 0.347 (+/- 10.807) | -0.859 (+/- 0.822) | -0.662 (+/- 0.334) | -0.888 (+/- 1.033) | -0.203 (+/- 4.652) | -0.883 (+/- 0.738) | -0.695 (+/- 2.549) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.713 (+/- 6.818) | 23.567 (+/- 5.612) | 23.384 (+/- 6.487) | 22.361 (+/- 6.461) | 23.351 (+/- 6.664) | 22.172 (+/- 6.123) | 24.41 (+/- 6.077) | 23.469 (+/- 5.435) | 21.293 (+/- 7.92) | 23.027 (+/- 5.42) | 23.14 (+/- 6.239) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.418 (+/- 0.208) | 0.463 (+/- 0.155) | 0.406 (+/- 0.224) | 0.461 (+/- 0.179) | 0.433 (+/- 0.26) | 0.462 (+/- 0.161) | 0.415 (+/- 0.154) | 0.458 (+/- 0.16) | 0.523 (+/- 0.366) | 0.474 (+/- 0.164) | 0.449 (+/- 0.195) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.027 (+/- 0.029) | 0.049 (+/- 0.031) | 0.027 (+/- 0.029) | 0.049 (+/- 0.03) | 0.031 (+/- 0.03) | 0.05 (+/- 0.031) | 0.025 (+/- 0.034) | 0.042 (+/- 0.032) | 0.034 (+/- 0.036) | 0.049 (+/- 0.026) | 0.041 (+/- 0.032) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.533 (+/- 31.019) | -0.077 (+/- 9.673) | 0.667 (+/- 4.419) | 1.357 (+/- 17.498) | -1.422 (+/- 16.008) | 3.51 (+/- 49.341) | 0.377 (+/- 6.666) | 0.428 (+/- 6.636) | -0.306 (+/- 2.404) | 0.671 (+/- 1.428) | 0.556 (+/- 21.824) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.014 (+/- 0.01) | -0.017 (+/- 0.01) | -0.015 (+/- 0.01) | -0.015 (+/- 0.011) | -0.014 (+/- 0.01) | -0.016 (+/- 0.01) | -0.015 (+/- 0.009) | -0.016 (+/- 0.011) | -0.013 (+/- 0.013) | -0.015 (+/- 0.009) | -0.015 (+/- 0.01) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.823 (+/- 8.005) | -1.085 (+/- 4.744) | -0.922 (+/- 10.334) | -1.242 (+/- 14.879) | -0.877 (+/- 4.624) | -1.747 (+/- 9.03) | -2.938 (+/- 8.376) | -1.104 (+/- 3.079) | -15.986 (+/- 84.096) | -1.862 (+/- 2.461) | -1.524 (+/- 13.888) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -6.87 (+/- 5.552) | -6.386 (+/- 5.157) | -7.034 (+/- 5.263) | -6.479 (+/- 5.431) | -7.009 (+/- 5.615) | -6.211 (+/- 5.658) | -6.648 (+/- 5.638) | -7.093 (+/- 6.131) | -5.979 (+/- 6.26) | -6.172 (+/- 5.687) | -6.571 (+/- 5.451) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 15.971 (+/- 6.287) | 14.795 (+/- 5.896) | 15.996 (+/- 6.043) | 14.996 (+/- 6.272) | 15.947 (+/- 6.706) | 14.84 (+/- 6.636) | 15.585 (+/- 6.425) | 15.978 (+/- 7.196) | 15.187 (+/- 7.027) | 15.063 (+/- 6.751) | 15.28 (+/- 6.296) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.017 (+/- 0.033) | 0.025 (+/- 0.035) | 0.014 (+/- 0.032) | 0.025 (+/- 0.035) | 0.022 (+/- 0.035) | 0.03 (+/- 0.038) | 0.012 (+/- 0.037) | 0.02 (+/- 0.037) | 0.027 (+/- 0.042) | 0.024 (+/- 0.033) | 0.023 (+/- 0.035) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.008 (+/- 0.011) | 0.006 (+/- 0.01) | 0.007 (+/- 0.011) | 0.006 (+/- 0.011) | 0.008 (+/- 0.011) | 0.006 (+/- 0.012) | 0.006 (+/- 0.009) | 0.005 (+/- 0.009) | 0.01 (+/- 0.012) | 0.007 (+/- 0.012) | 0.007 (+/- 0.011) |
| loudnessPeaksPerSec  (opensmile\_features) | 3.332 (+/- 0.987) | 3.407 (+/- 0.838) | 3.31 (+/- 1.089) | 3.297 (+/- 1.017) | 3.273 (+/- 0.781) | 3.204 (+/- 0.7) | 3.326 (+/- 0.658) | 3.261 (+/- 0.629) | 3.191 (+/- 1.579) | 3.036 (+/- 0.656) | 3.314 (+/- 0.917) |
| VoicedSegmentsPerSec  (opensmile\_features) | 2.252 (+/- 0.66) | 2.462 (+/- 0.53) | 2.266 (+/- 0.626) | 2.324 (+/- 0.612) | 2.234 (+/- 0.632) | 2.304 (+/- 0.622) | 2.254 (+/- 0.403) | 2.396 (+/- 0.511) | 2.186 (+/- 0.731) | 2.352 (+/- 0.589) | 2.34 (+/- 0.599) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.159 (+/- 0.062) | 0.177 (+/- 0.047) | 0.164 (+/- 0.053) | 0.181 (+/- 0.062) | 0.156 (+/- 0.064) | 0.185 (+/- 0.058) | 0.164 (+/- 0.046) | 0.191 (+/- 0.047) | 0.17 (+/- 0.067) | 0.202 (+/- 0.052) | 0.175 (+/- 0.057) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.14 (+/- 0.047) | 0.153 (+/- 0.044) | 0.148 (+/- 0.048) | 0.155 (+/- 0.058) | 0.141 (+/- 0.065) | 0.159 (+/- 0.06) | 0.149 (+/- 0.042) | 0.162 (+/- 0.043) | 0.156 (+/- 0.067) | 0.173 (+/- 0.049) | 0.152 (+/- 0.052) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 1.31 (+/- 7.141) | 0.627 (+/- 4.625) | 1.382 (+/- 7.83) | 1.577 (+/- 8.515) | 1.924 (+/- 9.601) | 1.837 (+/- 9.49) | 0.281 (+/- 0.088) | 0.315 (+/- 0.887) | 2.005 (+/- 9.671) | 0.969 (+/- 6.546) | 1.181 (+/- 7.11) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.512 (+/- 1.248) | 0.334 (+/- 0.351) | 0.401 (+/- 0.488) | 0.393 (+/- 0.642) | 0.443 (+/- 0.641) | 0.449 (+/- 0.951) | 0.406 (+/- 0.238) | 0.496 (+/- 1.562) | 0.359 (+/- 0.182) | 0.395 (+/- 0.49) | 0.408 (+/- 0.787) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 48.92 (+/- 10.695) | 51.027 (+/- 8.294) | 50.134 (+/- 8.86) | 50.024 (+/- 9.832) | 48.368 (+/- 8.791) | 49.828 (+/- 9.791) | 49.395 (+/- 5.906) | 51.238 (+/- 6.06) | 47.174 (+/- 12.125) | 50.527 (+/- 8.241) | 50.105 (+/- 9.18) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 57.393 (+/- 9.557) | 58.063 (+/- 7.699) | 58.221 (+/- 7.613) | 57.629 (+/- 8.99) | 57.702 (+/- 6.906) | 57.808 (+/- 8.613) | 58.351 (+/- 3.429) | 59.126 (+/- 1.842) | 56.304 (+/- 13.08) | 58.71 (+/- 6.655) | 57.926 (+/- 8.131) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 8.474 (+/- 6.683) | 7.037 (+/- 4.786) | 8.087 (+/- 5.142) | 7.605 (+/- 5.18) | 9.334 (+/- 6.11) | 7.98 (+/- 6.276) | 8.956 (+/- 4.635) | 7.888 (+/- 5.108) | 9.13 (+/- 4.523) | 8.183 (+/- 5.877) | 7.821 (+/- 5.504) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.151 (+/- 0.129) | 0.122 (+/- 0.087) | 0.143 (+/- 0.109) | 0.138 (+/- 0.121) | 0.162 (+/- 0.106) | 0.136 (+/- 0.109) | 0.154 (+/- 0.081) | 0.135 (+/- 0.094) | 0.176 (+/- 0.139) | 0.138 (+/- 0.1) | 0.138 (+/- 0.109) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.292 (+/- 0.943) | 0.208 (+/- 1.405) | 0.31 (+/- 1.637) | 0.504 (+/- 3.85) | 0.226 (+/- 0.282) | 0.25 (+/- 0.98) | 0.195 (+/- 0.126) | 0.184 (+/- 0.295) | 0.382 (+/- 1.123) | 0.201 (+/- 0.41) | 0.295 (+/- 1.996) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.365 (+/- 1.546) | 0.261 (+/- 0.205) | 0.32 (+/- 0.727) | 0.399 (+/- 1.697) | 0.313 (+/- 0.131) | 0.458 (+/- 2.0) | 0.318 (+/- 0.148) | 0.265 (+/- 0.118) | 1.193 (+/- 4.797) | 0.285 (+/- 0.13) | 0.347 (+/- 1.315) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 2.6 (+/- 46.347) | 0.18 (+/- 0.759) | 1.446 (+/- 21.201) | 2.302 (+/- 31.177) | 0.213 (+/- 0.375) | 4.954 (+/- 59.794) | 0.173 (+/- 0.282) | 0.187 (+/- 0.433) | 24.27 (+/- 144.658) | 0.196 (+/- 0.301) | 1.917 (+/- 34.997) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 46.789 (+/- 11.136) | 49.046 (+/- 8.474) | 47.909 (+/- 9.464) | 47.936 (+/- 10.082) | 46.085 (+/- 10.134) | 47.817 (+/- 10.076) | 47.475 (+/- 6.264) | 49.135 (+/- 7.013) | 45.088 (+/- 11.856) | 48.65 (+/- 8.436) | 48.035 (+/- 9.559) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 56.646 (+/- 9.589) | 57.349 (+/- 7.69) | 57.467 (+/- 7.858) | 56.781 (+/- 9.387) | 56.877 (+/- 7.063) | 56.934 (+/- 8.637) | 58.018 (+/- 3.59) | 58.491 (+/- 2.15) | 55.673 (+/- 13.408) | 57.906 (+/- 6.69) | 57.164 (+/- 8.272) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 9.857 (+/- 7.617) | 8.304 (+/- 5.345) | 9.558 (+/- 6.104) | 8.846 (+/- 5.762) | 10.793 (+/- 7.362) | 9.117 (+/- 6.773) | 10.544 (+/- 4.9) | 9.356 (+/- 5.968) | 10.585 (+/- 4.988) | 9.255 (+/- 6.182) | 9.129 (+/- 6.211) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.177 (+/- 0.146) | 0.146 (+/- 0.099) | 0.167 (+/- 0.119) | 0.159 (+/- 0.121) | 0.192 (+/- 0.139) | 0.158 (+/- 0.122) | 0.183 (+/- 0.087) | 0.162 (+/- 0.112) | 0.181 (+/- 0.086) | 0.158 (+/- 0.108) | 0.161 (+/- 0.119) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.435 (+/- 1.655) | 0.265 (+/- 1.818) | 0.347 (+/- 1.577) | 0.388 (+/- 2.629) | 0.344 (+/- 0.727) | 0.334 (+/- 1.424) | 0.239 (+/- 0.146) | 0.248 (+/- 0.483) | 0.234 (+/- 0.127) | 0.26 (+/- 0.675) | 0.331 (+/- 1.784) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.297 (+/- 0.225) | 0.246 (+/- 0.21) | 0.286 (+/- 0.259) | 0.386 (+/- 1.935) | 0.311 (+/- 0.144) | 0.443 (+/- 1.993) | 0.305 (+/- 0.131) | 0.258 (+/- 0.119) | 0.396 (+/- 0.393) | 0.279 (+/- 0.137) | 0.312 (+/- 1.064) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.227 (+/- 0.656) | 0.17 (+/- 0.715) | 0.217 (+/- 1.056) | 2.898 (+/- 44.276) | 0.231 (+/- 0.402) | 4.826 (+/- 59.313) | 0.176 (+/- 0.262) | 0.223 (+/- 0.62) | 0.171 (+/- 0.175) | 0.197 (+/- 0.306) | 1.154 (+/- 26.675) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 40.923 (+/- 12.858) | 43.17 (+/- 10.658) | 41.914 (+/- 11.702) | 41.105 (+/- 13.661) | 38.736 (+/- 14.351) | 42.248 (+/- 11.971) | 41.737 (+/- 10.141) | 43.758 (+/- 10.153) | 38.829 (+/- 13.745) | 43.549 (+/- 9.601) | 41.99 (+/- 12.072) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 54.674 (+/- 11.553) | 55.835 (+/- 9.854) | 55.892 (+/- 9.945) | 53.903 (+/- 13.707) | 53.985 (+/- 12.281) | 54.522 (+/- 12.587) | 56.871 (+/- 4.471) | 56.367 (+/- 8.618) | 54.387 (+/- 13.528) | 56.129 (+/- 8.902) | 55.138 (+/- 11.255) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 13.75 (+/- 8.715) | 12.665 (+/- 7.176) | 13.978 (+/- 8.275) | 12.798 (+/- 8.396) | 15.249 (+/- 10.457) | 12.275 (+/- 7.23) | 15.134 (+/- 7.642) | 12.609 (+/- 6.75) | 15.558 (+/- 8.775) | 12.58 (+/- 6.423) | 13.149 (+/- 7.982) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.255 (+/- 0.181) | 0.227 (+/- 0.137) | 0.253 (+/- 0.167) | 0.232 (+/- 0.168) | 0.276 (+/- 0.205) | 0.217 (+/- 0.136) | 0.274 (+/- 0.167) | 0.227 (+/- 0.142) | 0.278 (+/- 0.183) | 0.23 (+/- 0.14) | 0.238 (+/- 0.159) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 2.097 (+/- 12.249) | 0.935 (+/- 8.327) | 1.078 (+/- 5.545) | 0.886 (+/- 4.359) | 1.684 (+/- 8.127) | 0.89 (+/- 6.155) | 1.041 (+/- 4.012) | 0.616 (+/- 2.416) | 2.862 (+/- 13.983) | 0.73 (+/- 3.038) | 1.147 (+/- 7.704) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.677 (+/- 2.692) | 0.478 (+/- 2.41) | 0.5 (+/- 1.857) | 0.895 (+/- 4.07) | 0.435 (+/- 0.731) | 0.526 (+/- 2.384) | 0.378 (+/- 0.423) | 0.391 (+/- 1.299) | 0.609 (+/- 1.448) | 0.543 (+/- 2.16) | 0.589 (+/- 2.672) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 3.519 (+/- 26.262) | 2.453 (+/- 28.466) | 2.643 (+/- 23.974) | 6.052 (+/- 47.24) | 0.673 (+/- 2.496) | 1.84 (+/- 11.646) | 0.448 (+/- 1.251) | 3.436 (+/- 34.927) | 3.75 (+/- 20.904) | 5.614 (+/- 47.318) | 3.311 (+/- 31.352) |
| UtteranceNumber  (pause\_features) | 24.889 (+/- 10.038) | 24.609 (+/- 11.557) | 25.089 (+/- 10.642) | 25.057 (+/- 13.278) | 26.255 (+/- 12.913) | 24.464 (+/- 12.812) | 26.625 (+/- 9.27) | 24.992 (+/- 12.095) | 26.457 (+/- 10.595) | 24.049 (+/- 8.122) | 24.887 (+/- 11.644) |
| PauseNumber  (pause\_features) | 23.889 (+/- 10.038) | 23.609 (+/- 11.557) | 24.089 (+/- 10.642) | 24.057 (+/- 13.278) | 25.255 (+/- 12.913) | 23.464 (+/- 12.812) | 25.625 (+/- 9.27) | 23.992 (+/- 12.095) | 25.457 (+/- 10.595) | 23.049 (+/- 8.122) | 23.887 (+/- 11.644) |
| AveragePauseLength  (pause\_features) | 0.312 (+/- 0.233) | 0.261 (+/- 0.112) | 0.355 (+/- 0.824) | 0.294 (+/- 0.232) | 0.345 (+/- 0.16) | 0.304 (+/- 0.145) | 0.346 (+/- 0.154) | 0.281 (+/- 0.106) | 0.352 (+/- 0.155) | 0.321 (+/- 0.184) | 0.3 (+/- 0.327) |
| StdPauseLength  (pause\_features) | 0.326 (+/- 0.316) | 0.275 (+/- 0.176) | 0.362 (+/- 0.838) | 0.315 (+/- 0.281) | 0.371 (+/- 0.273) | 0.322 (+/- 0.21) | 0.378 (+/- 0.292) | 0.324 (+/- 0.225) | 0.301 (+/- 0.134) | 0.366 (+/- 0.353) | 0.318 (+/- 0.372) |
| TimeToFirstPhonation  (pause\_features) | 0.775 (+/- 1.005) | 0.806 (+/- 1.039) | 0.806 (+/- 1.169) | 0.93 (+/- 1.19) | 0.958 (+/- 1.209) | 0.93 (+/- 1.218) | 0.708 (+/- 0.99) | 0.76 (+/- 1.081) | 0.952 (+/- 1.268) | 0.969 (+/- 1.287) | 0.844 (+/- 1.12) |
| TimeToLastPhonation  (pause\_features) | 58.823 (+/- 3.56) | 58.96 (+/- 2.92) | 59.11 (+/- 2.266) | 58.822 (+/- 3.372) | 58.381 (+/- 3.8) | 58.909 (+/- 3.448) | 58.385 (+/- 3.42) | 59.224 (+/- 1.611) | 59.498 (+/- 0.915) | 59.374 (+/- 1.466) | 58.927 (+/- 3.044) |
| UtterancePerMin  (pause\_features) | 25.201 (+/- 10.096) | 24.87 (+/- 11.562) | 25.326 (+/- 10.753) | 25.305 (+/- 13.283) | 27.045 (+/- 13.768) | 24.658 (+/- 12.849) | 27.436 (+/- 9.947) | 25.184 (+/- 12.157) | 26.703 (+/- 11.235) | 24.169 (+/- 8.1) | 25.168 (+/- 11.741) |
| WordsPerMin  (pause\_features) | 164.422 (+/- 37.875) | 167.068 (+/- 32.549) | 159.799 (+/- 34.031) | 161.06 (+/- 34.703) | 161.406 (+/- 33.33) | 161.555 (+/- 30.609) | 151.511 (+/- 35.5) | 159.167 (+/- 26.221) | 145.659 (+/- 27.061) | 147.892 (+/- 39.035) | 162.251 (+/- 34.178) |
| Duration  (pause\_features) | 59.262 (+/- 3.298) | 59.338 (+/- 2.618) | 59.489 (+/- 1.995) | 59.282 (+/- 2.882) | 58.783 (+/- 3.57) | 59.486 (+/- 1.712) | 58.681 (+/- 3.303) | 59.546 (+/- 1.254) | 59.673 (+/- 0.794) | 59.666 (+/- 1.164) | 59.342 (+/- 2.602) |