|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=667) | Thirties Male (30-39)   (N=288) | Thirties Female (30-39)   (N=478) | 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=2460) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.839 (+/- 5.125) | 32.881 (+/- 4.859) | 24.727 (+/- 5.532) | 31.625 (+/- 6.516) | 25.281 (+/- 5.658) | 31.232 (+/- 6.345) | 24.697 (+/- 3.607) | 31.097 (+/- 3.699) | 26.08 (+/- 5.372) | 31.296 (+/- 4.866) | 29.538 (+/- 6.473) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.193 (+/- 0.108) | 0.146 (+/- 0.078) | 0.18 (+/- 0.103) | 0.139 (+/- 0.084) | 0.21 (+/- 0.131) | 0.137 (+/- 0.078) | 0.188 (+/- 0.106) | 0.145 (+/- 0.079) | 0.235 (+/- 0.131) | 0.15 (+/- 0.08) | 0.16 (+/- 0.095) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.158 (+/- 4.992) | 30.397 (+/- 6.046) | 22.097 (+/- 5.134) | 29.359 (+/- 6.823) | 21.865 (+/- 4.938) | 28.73 (+/- 6.615) | 22.092 (+/- 3.519) | 28.459 (+/- 5.2) | 22.15 (+/- 5.091) | 28.765 (+/- 5.215) | 26.974 (+/- 6.889) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.82 (+/- 5.218) | 32.974 (+/- 5.03) | 23.854 (+/- 5.552) | 31.282 (+/- 6.661) | 23.885 (+/- 6.095) | 30.932 (+/- 6.505) | 23.543 (+/- 3.591) | 30.9 (+/- 3.934) | 24.171 (+/- 5.591) | 30.786 (+/- 4.818) | 29.063 (+/- 6.841) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.449 (+/- 6.097) | 35.282 (+/- 5.033) | 26.557 (+/- 6.761) | 33.912 (+/- 6.869) | 27.38 (+/- 7.38) | 33.425 (+/- 6.739) | 26.237 (+/- 4.542) | 33.35 (+/- 3.526) | 29.343 (+/- 7.997) | 33.73 (+/- 5.371) | 31.682 (+/- 7.134) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.291 (+/- 4.159) | 4.886 (+/- 4.749) | 4.46 (+/- 4.449) | 4.553 (+/- 4.242) | 5.515 (+/- 5.551) | 4.695 (+/- 4.117) | 4.145 (+/- 2.756) | 4.892 (+/- 4.052) | 7.193 (+/- 7.25) | 4.965 (+/- 3.992) | 4.708 (+/- 4.495) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 252.868 (+/- 207.627) | 246.364 (+/- 145.089) | 226.598 (+/- 215.578) | 217.069 (+/- 144.094) | 276.141 (+/- 225.729) | 219.813 (+/- 180.876) | 257.583 (+/- 222.896) | 223.368 (+/- 151.199) | 381.566 (+/- 306.863) | 241.852 (+/- 174.207) | 238.675 (+/- 179.854) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 392.199 (+/- 352.905) | 344.044 (+/- 231.152) | 355.265 (+/- 319.139) | 314.352 (+/- 231.135) | 420.863 (+/- 362.623) | 320.062 (+/- 274.229) | 398.09 (+/- 356.004) | 337.674 (+/- 250.767) | 545.508 (+/- 390.154) | 378.688 (+/- 289.313) | 352.469 (+/- 285.266) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 102.872 (+/- 95.434) | 100.65 (+/- 75.859) | 88.989 (+/- 83.097) | 88.863 (+/- 74.032) | 127.177 (+/- 139.512) | 83.979 (+/- 68.262) | 85.309 (+/- 71.072) | 91.729 (+/- 78.024) | 107.155 (+/- 87.118) | 79.087 (+/- 68.804) | 95.539 (+/- 83.445) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 160.964 (+/- 189.77) | 176.269 (+/- 172.715) | 144.887 (+/- 177.888) | 156.281 (+/- 172.373) | 203.814 (+/- 245.242) | 149.872 (+/- 173.415) | 131.552 (+/- 160.819) | 158.785 (+/- 180.125) | 143.926 (+/- 152.969) | 140.654 (+/- 176.592) | 161.471 (+/- 180.466) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.27 (+/- 0.212) | 0.267 (+/- 0.21) | 0.311 (+/- 0.243) | 0.277 (+/- 0.243) | 0.261 (+/- 0.223) | 0.288 (+/- 0.248) | 0.325 (+/- 0.222) | 0.313 (+/- 0.306) | 0.244 (+/- 0.159) | 0.313 (+/- 0.229) | 0.281 (+/- 0.231) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.97 (+/- 0.441) | 0.958 (+/- 0.345) | 0.908 (+/- 0.376) | 0.978 (+/- 0.407) | 0.935 (+/- 0.428) | 1.047 (+/- 0.457) | 0.917 (+/- 0.343) | 1.016 (+/- 0.394) | 1.069 (+/- 0.539) | 1.023 (+/- 0.415) | 0.972 (+/- 0.402) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.081 (+/- 0.091) | 0.081 (+/- 0.091) | 0.109 (+/- 0.114) | 0.086 (+/- 0.107) | 0.094 (+/- 0.125) | 0.083 (+/- 0.109) | 0.108 (+/- 0.075) | 0.091 (+/- 0.097) | 0.079 (+/- 0.103) | 0.077 (+/- 0.075) | 0.087 (+/- 0.101) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.176 (+/- 0.168) | 0.176 (+/- 0.163) | 0.212 (+/- 0.206) | 0.181 (+/- 0.199) | 0.177 (+/- 0.185) | 0.176 (+/- 0.186) | 0.219 (+/- 0.193) | 0.207 (+/- 0.282) | 0.132 (+/- 0.135) | 0.195 (+/- 0.187) | 0.184 (+/- 0.189) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.442 (+/- 0.371) | 0.437 (+/- 0.363) | 0.496 (+/- 0.404) | 0.445 (+/- 0.425) | 0.411 (+/- 0.354) | 0.477 (+/- 0.46) | 0.51 (+/- 0.402) | 0.505 (+/- 0.542) | 0.406 (+/- 0.277) | 0.521 (+/- 0.436) | 0.456 (+/- 0.404) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.362 (+/- 0.331) | 0.356 (+/- 0.324) | 0.388 (+/- 0.354) | 0.359 (+/- 0.382) | 0.317 (+/- 0.306) | 0.394 (+/- 0.416) | 0.403 (+/- 0.377) | 0.414 (+/- 0.488) | 0.328 (+/- 0.265) | 0.444 (+/- 0.408) | 0.369 (+/- 0.362) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 5.461 (+/- 4.121) | 5.655 (+/- 4.268) | 5.946 (+/- 4.458) | 5.928 (+/- 4.652) | 4.893 (+/- 3.729) | 6.6 (+/- 5.266) | 6.777 (+/- 5.01) | 6.738 (+/- 4.972) | 5.126 (+/- 3.397) | 6.446 (+/- 4.457) | 5.861 (+/- 4.486) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.959 (+/- 3.382) | 3.952 (+/- 2.934) | 4.2 (+/- 3.299) | 4.178 (+/- 3.273) | 3.497 (+/- 2.696) | 4.281 (+/- 3.358) | 5.229 (+/- 6.325) | 4.457 (+/- 3.206) | 3.515 (+/- 2.309) | 4.056 (+/- 2.672) | 4.08 (+/- 3.229) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.04 (+/- 3.069) | 3.925 (+/- 3.137) | 4.512 (+/- 3.552) | 4.195 (+/- 3.45) | 3.61 (+/- 2.832) | 4.713 (+/- 3.907) | 5.111 (+/- 3.614) | 4.775 (+/- 3.592) | 3.76 (+/- 2.567) | 4.599 (+/- 3.282) | 4.208 (+/- 3.347) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 3.106 (+/- 2.435) | 2.994 (+/- 2.384) | 3.41 (+/- 2.704) | 3.127 (+/- 2.444) | 2.773 (+/- 2.098) | 3.341 (+/- 2.759) | 3.738 (+/- 2.556) | 3.384 (+/- 2.503) | 2.652 (+/- 1.748) | 3.092 (+/- 2.096) | 3.139 (+/- 2.462) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.029 (+/- 0.011) | 0.028 (+/- 0.01) | 0.029 (+/- 0.011) | 0.027 (+/- 0.01) | 0.032 (+/- 0.012) | 0.028 (+/- 0.013) | 0.029 (+/- 0.01) | 0.027 (+/- 0.009) | 0.035 (+/- 0.013) | 0.027 (+/- 0.009) | 0.028 (+/- 0.011) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.446 (+/- 0.475) | 1.831 (+/- 0.488) | 1.448 (+/- 0.474) | 1.711 (+/- 0.533) | 1.427 (+/- 0.47) | 1.637 (+/- 0.506) | 1.313 (+/- 0.317) | 1.597 (+/- 0.42) | 1.461 (+/- 0.443) | 1.604 (+/- 0.466) | 1.632 (+/- 0.513) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.295 (+/- 0.313) | 1.105 (+/- 0.241) | 1.265 (+/- 0.323) | 1.121 (+/- 0.377) | 1.322 (+/- 0.346) | 1.128 (+/- 0.284) | 1.258 (+/- 0.248) | 1.149 (+/- 0.229) | 1.371 (+/- 0.377) | 1.16 (+/- 0.374) | 1.179 (+/- 0.32) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.871 (+/- 0.181) | 0.92 (+/- 0.187) | 0.863 (+/- 0.173) | 0.877 (+/- 0.216) | 0.83 (+/- 0.168) | 0.876 (+/- 0.208) | 0.855 (+/- 0.117) | 0.902 (+/- 0.157) | 0.781 (+/- 0.173) | 0.863 (+/- 0.186) | 0.883 (+/- 0.192) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.463 (+/- 1.872) | 7.867 (+/- 2.109) | 4.41 (+/- 1.94) | 7.16 (+/- 2.366) | 4.044 (+/- 1.83) | 7.075 (+/- 2.249) | 4.468 (+/- 1.571) | 7.052 (+/- 1.934) | 4.313 (+/- 1.702) | 6.959 (+/- 1.715) | 6.363 (+/- 2.552) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.174 (+/- 8.512) | 0.489 (+/- 0.372) | 0.642 (+/- 0.938) | 0.493 (+/- 0.917) | 0.8 (+/- 1.076) | 0.478 (+/- 0.651) | 0.595 (+/- 0.315) | 0.462 (+/- 0.489) | 0.694 (+/- 0.387) | 0.49 (+/- 0.185) | 0.477 (+/- 3.371) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.954 (+/- 6.345) | 6.624 (+/- 6.105) | 3.946 (+/- 5.523) | 5.83 (+/- 7.183) | 4.421 (+/- 6.621) | 5.393 (+/- 6.534) | 2.606 (+/- 7.864) | 5.088 (+/- 6.676) | 1.899 (+/- 5.034) | 6.437 (+/- 4.13) | 5.441 (+/- 6.449) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | -64.925 (+/- 1264.455) | 0.219 (+/- 51.887) | 2.175 (+/- 32.009) | 1.221 (+/- 17.646) | 4.025 (+/- 38.514) | 2.815 (+/- 23.292) | 1.627 (+/- 3.525) | 2.07 (+/- 18.081) | 0.361 (+/- 9.569) | 2.86 (+/- 9.938) | -8.534 (+/- 492.693) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 22.087 (+/- 8.174) | 22.388 (+/- 7.673) | 21.457 (+/- 8.347) | 20.824 (+/- 9.518) | 21.199 (+/- 8.022) | 20.905 (+/- 7.645) | 20.01 (+/- 13.589) | 22.035 (+/- 7.266) | 19.613 (+/- 9.915) | 22.851 (+/- 6.308) | 21.646 (+/- 8.364) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.593 (+/- 0.779) | 0.651 (+/- 2.06) | 0.417 (+/- 1.625) | 18.187 (+/- 350.974) | 0.641 (+/- 0.833) | 0.484 (+/- 1.084) | 0.54 (+/- 0.511) | 0.618 (+/- 0.762) | 0.689 (+/- 1.586) | 0.641 (+/- 0.484) | 3.949 (+/- 154.897) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 575.549 (+/- 102.978) | 680.466 (+/- 85.847) | 587.249 (+/- 122.387) | 656.846 (+/- 121.943) | 583.496 (+/- 115.744) | 663.182 (+/- 126.422) | 588.816 (+/- 108.738) | 657.687 (+/- 54.973) | 586.262 (+/- 125.333) | 653.357 (+/- 95.362) | 637.278 (+/- 114.841) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.301 (+/- 0.065) | 0.237 (+/- 0.049) | 0.299 (+/- 0.063) | 0.24 (+/- 0.059) | 0.308 (+/- 0.068) | 0.24 (+/- 0.06) | 0.316 (+/- 0.069) | 0.257 (+/- 0.04) | 0.323 (+/- 0.068) | 0.254 (+/- 0.055) | 0.263 (+/- 0.065) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1400.978 (+/- 178.534) | 1368.388 (+/- 149.806) | 1392.005 (+/- 183.619) | 1362.917 (+/- 229.251) | 1384.442 (+/- 153.206) | 1359.951 (+/- 232.997) | 1405.328 (+/- 106.426) | 1406.751 (+/- 62.209) | 1377.606 (+/- 245.623) | 1389.808 (+/- 168.17) | 1378.365 (+/- 185.832) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.16 (+/- 0.043) | 0.166 (+/- 0.031) | 0.16 (+/- 0.041) | 0.16 (+/- 0.039) | 0.17 (+/- 0.055) | 0.159 (+/- 0.038) | 0.171 (+/- 0.045) | 0.161 (+/- 0.023) | 0.176 (+/- 0.062) | 0.159 (+/- 0.036) | 0.162 (+/- 0.039) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -148.216 (+/- 28.015) | -142.16 (+/- 29.02) | -143.821 (+/- 30.497) | -145.866 (+/- 31.761) | -152.343 (+/- 29.688) | -145.638 (+/- 30.888) | -145.373 (+/- 30.761) | -143.734 (+/- 30.9) | -151.37 (+/- 29.526) | -137.361 (+/- 29.764) | -144.923 (+/- 30.11) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.56 (+/- 0.227) | -0.596 (+/- 0.224) | -0.594 (+/- 0.246) | -0.566 (+/- 0.248) | -0.524 (+/- 0.228) | -0.574 (+/- 0.244) | -0.582 (+/- 0.233) | -0.592 (+/- 0.24) | -0.537 (+/- 0.222) | -0.642 (+/- 0.232) | -0.579 (+/- 0.237) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1517.303 (+/- 193.175) | 1656.88 (+/- 173.441) | 1524.745 (+/- 203.191) | 1607.945 (+/- 266.863) | 1531.077 (+/- 180.054) | 1610.068 (+/- 272.729) | 1542.124 (+/- 104.908) | 1630.768 (+/- 57.937) | 1504.947 (+/- 265.363) | 1604.997 (+/- 190.582) | 1592.18 (+/- 218.188) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.138 (+/- 0.026) | 0.131 (+/- 0.023) | 0.139 (+/- 0.028) | 0.128 (+/- 0.029) | 0.139 (+/- 0.032) | 0.129 (+/- 0.03) | 0.146 (+/- 0.023) | 0.134 (+/- 0.018) | 0.149 (+/- 0.033) | 0.133 (+/- 0.027) | 0.133 (+/- 0.027) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -149.843 (+/- 26.915) | -143.116 (+/- 27.985) | -145.796 (+/- 29.397) | -146.704 (+/- 30.811) | -153.589 (+/- 28.445) | -146.593 (+/- 30.03) | -147.143 (+/- 30.382) | -145.238 (+/- 29.732) | -151.733 (+/- 28.804) | -138.528 (+/- 28.648) | -146.136 (+/- 29.104) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.524 (+/- 0.207) | -0.558 (+/- 0.199) | -0.55 (+/- 0.212) | -0.534 (+/- 0.227) | -0.492 (+/- 0.204) | -0.54 (+/- 0.222) | -0.544 (+/- 0.221) | -0.551 (+/- 0.21) | -0.512 (+/- 0.201) | -0.602 (+/- 0.207) | -0.543 (+/- 0.212) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2463.105 (+/- 298.843) | 2600.148 (+/- 263.387) | 2467.013 (+/- 305.894) | 2535.221 (+/- 415.442) | 2477.874 (+/- 257.213) | 2531.707 (+/- 422.319) | 2489.349 (+/- 89.91) | 2588.506 (+/- 73.443) | 2427.257 (+/- 413.228) | 2554.805 (+/- 295.329) | 2531.347 (+/- 328.708) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.085 (+/- 0.019) | 0.084 (+/- 0.016) | 0.084 (+/- 0.019) | 0.083 (+/- 0.02) | 0.085 (+/- 0.019) | 0.085 (+/- 0.021) | 0.088 (+/- 0.018) | 0.088 (+/- 0.016) | 0.089 (+/- 0.022) | 0.088 (+/- 0.02) | 0.085 (+/- 0.019) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -151.257 (+/- 26.11) | -144.547 (+/- 27.335) | -147.305 (+/- 28.728) | -148.068 (+/- 30.108) | -154.773 (+/- 27.86) | -148.032 (+/- 29.251) | -148.588 (+/- 29.61) | -146.771 (+/- 28.832) | -153.01 (+/- 28.108) | -140.354 (+/- 27.906) | -147.569 (+/- 28.385) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.501 (+/- 0.193) | -0.536 (+/- 0.189) | -0.527 (+/- 0.2) | -0.513 (+/- 0.216) | -0.473 (+/- 0.195) | -0.518 (+/- 0.21) | -0.521 (+/- 0.208) | -0.527 (+/- 0.197) | -0.491 (+/- 0.189) | -0.573 (+/- 0.194) | -0.52 (+/- 0.2) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -14.809 (+/- 5.368) | -15.381 (+/- 5.07) | -14.632 (+/- 5.271) | -13.945 (+/- 5.656) | -14.071 (+/- 5.822) | -13.772 (+/- 5.214) | -14.721 (+/- 4.857) | -14.807 (+/- 4.837) | -13.537 (+/- 5.576) | -13.992 (+/- 4.464) | -14.59 (+/- 5.315) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.564 (+/- 0.803) | -0.609 (+/- 0.519) | -0.627 (+/- 0.701) | -0.51 (+/- 2.563) | -0.68 (+/- 0.797) | -0.706 (+/- 0.609) | -0.612 (+/- 0.388) | -0.216 (+/- 5.136) | -0.901 (+/- 1.084) | -0.746 (+/- 0.709) | -0.586 (+/- 1.729) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 24.842 (+/- 6.63) | 25.299 (+/- 6.089) | 24.49 (+/- 6.577) | 23.851 (+/- 7.147) | 24.109 (+/- 6.762) | 23.874 (+/- 6.522) | 24.653 (+/- 6.225) | 25.118 (+/- 5.866) | 23.468 (+/- 7.525) | 24.668 (+/- 5.645) | 24.591 (+/- 6.552) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.389 (+/- 0.199) | 0.424 (+/- 0.188) | 0.254 (+/- 2.011) | 0.426 (+/- 0.221) | 0.426 (+/- 0.274) | 0.412 (+/- 0.155) | 0.385 (+/- 0.161) | 0.422 (+/- 0.154) | 0.469 (+/- 0.313) | 0.43 (+/- 0.165) | 0.398 (+/- 0.715) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.022 (+/- 0.031) | 0.044 (+/- 0.033) | 0.021 (+/- 0.032) | 0.042 (+/- 0.034) | 0.026 (+/- 0.034) | 0.043 (+/- 0.036) | 0.017 (+/- 0.036) | 0.035 (+/- 0.032) | 0.033 (+/- 0.037) | 0.043 (+/- 0.029) | 0.036 (+/- 0.034) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 0.654 (+/- 30.392) | 3.013 (+/- 67.327) | 1.317 (+/- 18.864) | -0.419 (+/- 32.925) | 0.347 (+/- 4.097) | 1.093 (+/- 13.096) | 3.039 (+/- 14.345) | 0.849 (+/- 3.293) | 0.525 (+/- 1.916) | 0.729 (+/- 6.178) | 1.238 (+/- 40.55) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.013 (+/- 0.011) | -0.016 (+/- 0.011) | -0.013 (+/- 0.011) | -0.015 (+/- 0.01) | -0.011 (+/- 0.011) | -0.016 (+/- 0.011) | -0.012 (+/- 0.01) | -0.016 (+/- 0.011) | -0.013 (+/- 0.011) | -0.016 (+/- 0.01) | -0.014 (+/- 0.011) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.704 (+/- 15.099) | -0.416 (+/- 23.898) | -1.117 (+/- 6.254) | -0.683 (+/- 34.722) | -0.735 (+/- 5.407) | 0.117 (+/- 9.219) | 4.871 (+/- 28.464) | -1.801 (+/- 8.021) | -1.4 (+/- 2.671) | -0.848 (+/- 14.579) | -0.773 (+/- 21.516) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.275 (+/- 6.029) | -8.315 (+/- 6.238) | -8.981 (+/- 5.895) | -8.363 (+/- 6.485) | -8.268 (+/- 5.946) | -8.219 (+/- 6.292) | -9.16 (+/- 6.224) | -9.107 (+/- 6.937) | -7.956 (+/- 6.028) | -7.932 (+/- 6.332) | -8.406 (+/- 6.248) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.587 (+/- 7.099) | 17.075 (+/- 7.376) | 18.268 (+/- 6.961) | 17.265 (+/- 7.587) | 17.335 (+/- 7.423) | 17.19 (+/- 7.417) | 18.415 (+/- 7.533) | 18.322 (+/- 8.111) | 17.352 (+/- 6.994) | 16.876 (+/- 7.767) | 17.419 (+/- 7.397) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.013 (+/- 0.033) | 0.018 (+/- 0.037) | 0.009 (+/- 0.034) | 0.018 (+/- 0.036) | 0.017 (+/- 0.037) | 0.023 (+/- 0.04) | 0.006 (+/- 0.037) | 0.013 (+/- 0.038) | 0.023 (+/- 0.043) | 0.016 (+/- 0.034) | 0.016 (+/- 0.036) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.012 (+/- 0.011) | 0.011 (+/- 0.011) | 0.01 (+/- 0.011) | 0.011 (+/- 0.012) | 0.012 (+/- 0.013) | 0.012 (+/- 0.012) | 0.008 (+/- 0.009) | 0.01 (+/- 0.01) | 0.013 (+/- 0.012) | 0.012 (+/- 0.013) | 0.011 (+/- 0.012) |
| loudnessPeaksPerSec  (opensmile\_features) | 1.993 (+/- 0.893) | 1.919 (+/- 0.84) | 2.063 (+/- 1.175) | 1.884 (+/- 1.119) | 1.849 (+/- 0.789) | 1.848 (+/- 0.865) | 1.818 (+/- 0.745) | 1.869 (+/- 0.878) | 1.978 (+/- 1.845) | 1.903 (+/- 0.847) | 1.927 (+/- 0.976) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.444 (+/- 0.679) | 1.52 (+/- 0.712) | 1.532 (+/- 0.723) | 1.404 (+/- 0.772) | 1.385 (+/- 0.685) | 1.382 (+/- 0.728) | 1.354 (+/- 0.637) | 1.506 (+/- 0.851) | 1.33 (+/- 0.63) | 1.552 (+/- 0.733) | 1.462 (+/- 0.729) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.18 (+/- 0.073) | 0.207 (+/- 0.145) | 0.186 (+/- 0.08) | 0.224 (+/- 0.544) | 0.173 (+/- 0.103) | 0.208 (+/- 0.127) | 0.208 (+/- 0.085) | 0.207 (+/- 0.068) | 0.184 (+/- 0.074) | 0.217 (+/- 0.073) | 0.202 (+/- 0.26) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.171 (+/- 0.155) | 0.183 (+/- 0.171) | 0.18 (+/- 0.135) | 0.204 (+/- 0.516) | 0.198 (+/- 0.365) | 0.189 (+/- 0.198) | 0.193 (+/- 0.113) | 0.176 (+/- 0.068) | 0.185 (+/- 0.158) | 0.196 (+/- 0.081) | 0.186 (+/- 0.276) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 1.736 (+/- 7.103) | 1.404 (+/- 6.031) | 1.521 (+/- 6.962) | 2.52 (+/- 9.527) | 1.865 (+/- 6.547) | 2.578 (+/- 9.708) | 0.97 (+/- 1.549) | 0.98 (+/- 1.727) | 2.305 (+/- 9.587) | 2.056 (+/- 9.131) | 1.837 (+/- 7.587) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 1.781 (+/- 2.284) | 1.809 (+/- 2.231) | 1.573 (+/- 1.953) | 2.141 (+/- 2.747) | 2.111 (+/- 2.807) | 2.108 (+/- 2.539) | 1.906 (+/- 2.264) | 2.465 (+/- 3.098) | 1.894 (+/- 1.655) | 1.653 (+/- 1.633) | 1.91 (+/- 2.407) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 37.59 (+/- 12.514) | 37.489 (+/- 12.308) | 38.353 (+/- 12.695) | 36.096 (+/- 13.824) | 36.025 (+/- 13.151) | 34.636 (+/- 13.682) | 36.332 (+/- 10.857) | 35.548 (+/- 13.691) | 32.363 (+/- 11.712) | 36.502 (+/- 13.204) | 36.761 (+/- 12.996) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 57.127 (+/- 6.087) | 56.848 (+/- 6.153) | 57.102 (+/- 6.711) | 56.307 (+/- 7.777) | 55.47 (+/- 7.861) | 55.917 (+/- 8.175) | 57.028 (+/- 3.557) | 56.989 (+/- 5.803) | 55.777 (+/- 9.99) | 56.987 (+/- 7.199) | 56.671 (+/- 6.889) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 19.537 (+/- 11.076) | 19.359 (+/- 10.835) | 18.749 (+/- 11.08) | 20.21 (+/- 11.975) | 19.445 (+/- 10.024) | 21.28 (+/- 11.403) | 20.696 (+/- 9.663) | 21.442 (+/- 12.378) | 23.414 (+/- 9.991) | 20.485 (+/- 11.662) | 19.91 (+/- 11.284) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.344 (+/- 0.201) | 0.343 (+/- 0.195) | 0.329 (+/- 0.199) | 0.361 (+/- 0.219) | 0.358 (+/- 0.199) | 0.388 (+/- 0.219) | 0.367 (+/- 0.177) | 0.38 (+/- 0.221) | 0.412 (+/- 0.18) | 0.359 (+/- 0.208) | 0.354 (+/- 0.206) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 1.109 (+/- 5.204) | 0.839 (+/- 1.667) | 0.748 (+/- 1.164) | 1.064 (+/- 2.86) | 0.991 (+/- 2.456) | 1.396 (+/- 4.728) | 0.82 (+/- 1.104) | 1.059 (+/- 1.761) | 0.96 (+/- 0.985) | 1.506 (+/- 6.542) | 1.034 (+/- 3.528) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.827 (+/- 1.833) | 0.754 (+/- 0.737) | 0.692 (+/- 0.954) | 0.914 (+/- 1.678) | 0.808 (+/- 0.888) | 1.294 (+/- 3.11) | 0.714 (+/- 0.44) | 0.976 (+/- 1.226) | 1.752 (+/- 4.737) | 0.924 (+/- 1.093) | 0.877 (+/- 1.667) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 5.44 (+/- 47.043) | 3.412 (+/- 10.041) | 2.112 (+/- 8.806) | 6.524 (+/- 43.299) | 3.466 (+/- 7.565) | 11.453 (+/- 69.354) | 1.945 (+/- 2.916) | 7.018 (+/- 41.226) | 26.716 (+/- 143.803) | 5.464 (+/- 21.867) | 5.534 (+/- 40.265) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 34.765 (+/- 12.828) | 34.779 (+/- 12.494) | 35.631 (+/- 12.723) | 33.233 (+/- 13.895) | 32.945 (+/- 13.328) | 32.005 (+/- 13.866) | 33.046 (+/- 11.086) | 33.03 (+/- 13.54) | 29.499 (+/- 10.901) | 34.332 (+/- 13.051) | 34.011 (+/- 13.116) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 54.987 (+/- 8.149) | 54.666 (+/- 7.446) | 55.506 (+/- 7.485) | 53.642 (+/- 9.904) | 52.842 (+/- 9.385) | 52.974 (+/- 10.082) | 55.33 (+/- 5.387) | 54.809 (+/- 7.608) | 52.759 (+/- 10.591) | 54.445 (+/- 8.842) | 54.352 (+/- 8.577) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 20.223 (+/- 11.181) | 19.887 (+/- 11.119) | 19.875 (+/- 10.893) | 20.409 (+/- 11.956) | 19.896 (+/- 10.219) | 20.969 (+/- 11.276) | 22.284 (+/- 9.882) | 21.779 (+/- 12.512) | 23.26 (+/- 9.884) | 20.113 (+/- 10.812) | 20.341 (+/- 11.294) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.37 (+/- 0.208) | 0.365 (+/- 0.203) | 0.359 (+/- 0.203) | 0.38 (+/- 0.22) | 0.385 (+/- 0.208) | 0.402 (+/- 0.221) | 0.406 (+/- 0.18) | 0.401 (+/- 0.224) | 0.43 (+/- 0.175) | 0.371 (+/- 0.204) | 0.377 (+/- 0.21) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 1.249 (+/- 3.459) | 1.057 (+/- 2.809) | 0.891 (+/- 1.41) | 1.175 (+/- 2.937) | 1.371 (+/- 4.275) | 1.366 (+/- 3.38) | 1.047 (+/- 1.706) | 1.382 (+/- 3.177) | 1.036 (+/- 1.07) | 2.597 (+/- 16.022) | 1.224 (+/- 4.283) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.771 (+/- 0.881) | 0.759 (+/- 0.832) | 0.724 (+/- 1.006) | 0.884 (+/- 1.601) | 0.862 (+/- 1.051) | 1.21 (+/- 2.531) | 0.82 (+/- 0.929) | 0.977 (+/- 1.066) | 0.952 (+/- 0.696) | 1.098 (+/- 1.69) | 0.866 (+/- 1.453) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 4.153 (+/- 13.525) | 3.956 (+/- 11.462) | 2.576 (+/- 9.334) | 7.448 (+/- 44.499) | 4.499 (+/- 10.165) | 11.869 (+/- 68.91) | 2.541 (+/- 5.154) | 7.397 (+/- 28.561) | 3.106 (+/- 3.914) | 8.832 (+/- 30.754) | 5.667 (+/- 31.978) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 28.655 (+/- 12.987) | 28.836 (+/- 13.003) | 29.587 (+/- 13.346) | 26.403 (+/- 15.014) | 26.56 (+/- 14.546) | 26.483 (+/- 13.78) | 27.278 (+/- 12.737) | 28.046 (+/- 13.859) | 24.111 (+/- 11.301) | 29.13 (+/- 12.982) | 27.983 (+/- 13.672) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 49.858 (+/- 12.876) | 49.617 (+/- 12.041) | 50.627 (+/- 12.014) | 46.321 (+/- 16.441) | 46.061 (+/- 16.785) | 46.678 (+/- 15.104) | 50.657 (+/- 8.433) | 49.257 (+/- 12.097) | 46.863 (+/- 14.704) | 48.776 (+/- 13.075) | 48.624 (+/- 13.801) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 21.204 (+/- 10.964) | 20.781 (+/- 11.291) | 21.04 (+/- 10.915) | 19.918 (+/- 12.597) | 19.501 (+/- 10.934) | 20.195 (+/- 11.7) | 23.378 (+/- 11.954) | 21.211 (+/- 11.591) | 22.751 (+/- 10.275) | 19.646 (+/- 10.286) | 20.641 (+/- 11.472) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.421 (+/- 0.209) | 0.417 (+/- 0.217) | 0.413 (+/- 0.213) | 0.413 (+/- 0.245) | 0.416 (+/- 0.229) | 0.416 (+/- 0.223) | 0.464 (+/- 0.226) | 0.438 (+/- 0.225) | 0.463 (+/- 0.199) | 0.399 (+/- 0.203) | 0.418 (+/- 0.222) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 1.701 (+/- 5.173) | 2.114 (+/- 8.799) | 2.495 (+/- 17.584) | 2.854 (+/- 14.193) | 2.365 (+/- 8.924) | 1.588 (+/- 5.594) | 2.028 (+/- 3.752) | 2.392 (+/- 8.303) | 1.638 (+/- 3.348) | 1.042 (+/- 1.342) | 2.165 (+/- 10.551) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 1.143 (+/- 2.508) | 1.077 (+/- 2.171) | 1.073 (+/- 2.313) | 1.623 (+/- 3.799) | 2.46 (+/- 5.572) | 1.265 (+/- 2.445) | 1.283 (+/- 1.91) | 1.635 (+/- 3.435) | 1.201 (+/- 1.218) | 1.113 (+/- 1.373) | 1.311 (+/- 2.927) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 10.458 (+/- 51.711) | 9.861 (+/- 38.282) | 10.705 (+/- 55.487) | 16.219 (+/- 47.892) | 23.329 (+/- 68.643) | 13.715 (+/- 45.601) | 6.908 (+/- 16.193) | 16.486 (+/- 44.314) | 9.19 (+/- 21.08) | 9.152 (+/- 20.909) | 12.503 (+/- 46.536) |
| UtteranceNumber  (pause\_features) | 27.026 (+/- 12.047) | 25.998 (+/- 12.177) | 26.865 (+/- 13.532) | 25.793 (+/- 12.546) | 27.168 (+/- 12.709) | 22.763 (+/- 10.939) | 26.946 (+/- 14.666) | 23.259 (+/- 12.687) | 24.938 (+/- 8.624) | 23.818 (+/- 10.134) | 25.767 (+/- 12.325) |
| PauseNumber  (pause\_features) | 26.026 (+/- 12.047) | 24.998 (+/- 12.177) | 25.865 (+/- 13.532) | 24.793 (+/- 12.546) | 26.168 (+/- 12.709) | 21.763 (+/- 10.939) | 25.946 (+/- 14.666) | 22.259 (+/- 12.687) | 23.938 (+/- 8.624) | 22.818 (+/- 10.134) | 24.767 (+/- 12.325) |
| AveragePauseLength  (pause\_features) | 0.74 (+/- 0.62) | 0.776 (+/- 0.706) | 0.777 (+/- 0.719) | 0.83 (+/- 0.926) | 0.761 (+/- 0.557) | 1.035 (+/- 1.411) | 0.838 (+/- 0.486) | 1.111 (+/- 1.87) | 0.942 (+/- 0.642) | 0.816 (+/- 0.659) | 0.825 (+/- 0.908) |
| StdPauseLength  (pause\_features) | 1.078 (+/- 1.262) | 1.132 (+/- 1.208) | 1.062 (+/- 1.004) | 1.184 (+/- 1.323) | 1.12 (+/- 1.075) | 1.376 (+/- 1.626) | 1.174 (+/- 0.7) | 1.329 (+/- 1.255) | 1.236 (+/- 0.908) | 1.123 (+/- 0.973) | 1.156 (+/- 1.241) |
| TimeToFirstPhonation  (pause\_features) | 1.756 (+/- 2.575) | 1.905 (+/- 2.714) | 1.435 (+/- 2.251) | 1.958 (+/- 2.849) | 1.887 (+/- 2.377) | 2.313 (+/- 3.354) | 1.21 (+/- 2.431) | 1.707 (+/- 2.502) | 2.099 (+/- 2.851) | 2.158 (+/- 3.093) | 1.854 (+/- 2.728) |
| TimeToLastPhonation  (pause\_features) | 55.904 (+/- 6.923) | 55.585 (+/- 6.619) | 56.845 (+/- 4.442) | 54.989 (+/- 8.133) | 54.859 (+/- 6.923) | 54.071 (+/- 8.813) | 55.639 (+/- 5.128) | 55.163 (+/- 8.118) | 54.716 (+/- 7.318) | 55.81 (+/- 7.258) | 55.488 (+/- 7.111) |
| UtterancePerMin  (pause\_features) | 27.28 (+/- 12.37) | 26.155 (+/- 12.201) | 27.029 (+/- 13.588) | 25.959 (+/- 12.633) | 27.908 (+/- 13.204) | 22.896 (+/- 10.971) | 27.485 (+/- 15.127) | 23.403 (+/- 12.792) | 25.346 (+/- 8.967) | 24.014 (+/- 10.562) | 25.976 (+/- 12.465) |
| WordsPerMin  (pause\_features) | 93.852 (+/- 40.333) | 91.19 (+/- 39.046) | 90.984 (+/- 41.244) | 86.746 (+/- 39.656) | 92.422 (+/- 37.126) | 85.239 (+/- 39.006) | 88.087 (+/- 40.167) | 89.719 (+/- 43.14) | 78.272 (+/- 28.65) | 99.066 (+/- 41.754) | 90.203 (+/- 39.851) |
| Duration  (pause\_features) | 59.496 (+/- 2.298) | 59.627 (+/- 1.539) | 59.61 (+/- 1.215) | 59.641 (+/- 0.886) | 58.688 (+/- 3.759) | 59.651 (+/- 1.164) | 59.159 (+/- 2.425) | 59.643 (+/- 0.955) | 59.123 (+/- 3.142) | 59.713 (+/- 1.074) | 59.557 (+/- 1.707) |