|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=667) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=476) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=231) | Fifties Male (50-59)   (N=42) | Fifties Female (50-59)   (N=127) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2461) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.25 (+/- 8.59) | 31.056 (+/- 10.004) | 24.153 (+/- 8.14) | 30.29 (+/- 10.291) | 23.818 (+/- 9.495) | 28.379 (+/- 12.187) | 23.937 (+/- 8.794) | 28.114 (+/- 11.423) | 22.589 (+/- 11.703) | 26.224 (+/- 12.78) | 27.914 (+/- 10.477) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.181 (+/- 0.134) | 0.12 (+/- 0.09) | 0.168 (+/- 0.122) | 0.114 (+/- 0.087) | 0.18 (+/- 0.139) | 0.102 (+/- 0.079) | 0.191 (+/- 0.148) | 0.107 (+/- 0.089) | 0.189 (+/- 0.161) | 0.134 (+/- 0.107) | 0.137 (+/- 0.11) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 21.288 (+/- 7.853) | 28.731 (+/- 9.923) | 21.43 (+/- 7.536) | 28.028 (+/- 9.981) | 20.608 (+/- 8.421) | 26.266 (+/- 11.578) | 20.759 (+/- 7.425) | 25.813 (+/- 10.888) | 18.914 (+/- 9.784) | 23.346 (+/- 11.98) | 25.386 (+/- 10.129) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.003 (+/- 8.275) | 30.95 (+/- 10.019) | 23.186 (+/- 7.97) | 30.013 (+/- 10.382) | 22.269 (+/- 8.957) | 28.119 (+/- 12.089) | 22.326 (+/- 8.008) | 27.748 (+/- 11.355) | 20.868 (+/- 10.847) | 25.523 (+/- 12.538) | 27.331 (+/- 10.524) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 25.896 (+/- 9.498) | 32.949 (+/- 10.455) | 25.927 (+/- 9.055) | 32.219 (+/- 10.903) | 26.321 (+/- 11.389) | 30.135 (+/- 12.897) | 25.544 (+/- 10.33) | 29.955 (+/- 12.288) | 25.987 (+/- 15.171) | 28.139 (+/- 13.552) | 29.787 (+/- 11.238) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.608 (+/- 4.526) | 4.218 (+/- 4.425) | 4.496 (+/- 4.19) | 4.191 (+/- 4.052) | 5.712 (+/- 6.28) | 3.869 (+/- 3.64) | 4.785 (+/- 4.845) | 4.142 (+/- 4.132) | 7.073 (+/- 9.646) | 4.794 (+/- 4.735) | 4.402 (+/- 4.517) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 215.77 (+/- 391.932) | 187.84 (+/- 287.562) | 196.933 (+/- 325.572) | 181.962 (+/- 309.685) | 208.901 (+/- 369.027) | 153.509 (+/- 275.808) | 197.286 (+/- 287.996) | 131.237 (+/- 179.174) | 195.611 (+/- 198.394) | 187.514 (+/- 417.744) | 187.639 (+/- 318.809) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 192.383 (+/- 341.544) | 173.498 (+/- 271.6) | 201.748 (+/- 355.576) | 166.971 (+/- 282.39) | 197.81 (+/- 376.486) | 144.046 (+/- 285.695) | 203.367 (+/- 393.871) | 121.358 (+/- 194.635) | 179.506 (+/- 211.162) | 156.501 (+/- 298.388) | 174.429 (+/- 302.94) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 51.589 (+/- 109.07) | 59.499 (+/- 158.996) | 70.189 (+/- 252.046) | 46.117 (+/- 118.535) | 60.507 (+/- 127.949) | 39.964 (+/- 93.991) | 51.734 (+/- 66.023) | 36.182 (+/- 68.698) | 76.659 (+/- 96.291) | 39.249 (+/- 58.265) | 53.102 (+/- 145.292) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 64.082 (+/- 121.845) | 71.666 (+/- 167.927) | 73.809 (+/- 189.196) | 63.076 (+/- 142.325) | 63.699 (+/- 111.409) | 52.655 (+/- 111.539) | 52.347 (+/- 52.884) | 38.44 (+/- 60.016) | 75.334 (+/- 117.76) | 48.905 (+/- 59.875) | 63.808 (+/- 142.91) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.323 (+/- 0.272) | 0.328 (+/- 0.268) | 0.35 (+/- 0.278) | 0.343 (+/- 0.293) | 0.314 (+/- 0.3) | 0.333 (+/- 0.298) | 0.356 (+/- 0.255) | 0.325 (+/- 0.229) | 0.291 (+/- 0.206) | 0.32 (+/- 0.26) | 0.332 (+/- 0.276) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.974 (+/- 0.393) | 0.96 (+/- 0.381) | 0.973 (+/- 0.412) | 0.98 (+/- 0.421) | 0.968 (+/- 0.603) | 0.982 (+/- 0.479) | 0.841 (+/- 0.396) | 0.969 (+/- 0.48) | 1.001 (+/- 0.619) | 0.929 (+/- 0.464) | 0.97 (+/- 0.43) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.08 (+/- 0.103) | 0.078 (+/- 0.1) | 0.102 (+/- 0.12) | 0.081 (+/- 0.098) | 0.087 (+/- 0.114) | 0.078 (+/- 0.098) | 0.115 (+/- 0.103) | 0.084 (+/- 0.085) | 0.076 (+/- 0.099) | 0.08 (+/- 0.077) | 0.083 (+/- 0.102) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.171 (+/- 0.197) | 0.183 (+/- 0.186) | 0.191 (+/- 0.197) | 0.182 (+/- 0.187) | 0.182 (+/- 0.223) | 0.174 (+/- 0.188) | 0.204 (+/- 0.15) | 0.175 (+/- 0.159) | 0.157 (+/- 0.144) | 0.176 (+/- 0.197) | 0.18 (+/- 0.19) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.583 (+/- 0.524) | 0.596 (+/- 0.519) | 0.609 (+/- 0.54) | 0.63 (+/- 0.597) | 0.54 (+/- 0.59) | 0.606 (+/- 0.606) | 0.615 (+/- 0.551) | 0.568 (+/- 0.451) | 0.494 (+/- 0.4) | 0.563 (+/- 0.495) | 0.597 (+/- 0.545) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.503 (+/- 0.482) | 0.518 (+/- 0.48) | 0.507 (+/- 0.501) | 0.549 (+/- 0.557) | 0.453 (+/- 0.57) | 0.528 (+/- 0.564) | 0.5 (+/- 0.547) | 0.484 (+/- 0.437) | 0.418 (+/- 0.374) | 0.484 (+/- 0.46) | 0.514 (+/- 0.509) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 6.218 (+/- 5.121) | 6.151 (+/- 5.043) | 6.79 (+/- 5.386) | 6.674 (+/- 5.824) | 5.795 (+/- 5.421) | 6.468 (+/- 5.377) | 6.499 (+/- 6.128) | 6.565 (+/- 5.547) | 5.571 (+/- 4.892) | 6.274 (+/- 5.431) | 6.383 (+/- 5.359) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.829 (+/- 3.197) | 3.768 (+/- 3.17) | 4.394 (+/- 3.561) | 4.089 (+/- 3.775) | 3.561 (+/- 3.413) | 4.064 (+/- 3.385) | 3.633 (+/- 3.213) | 4.197 (+/- 4.101) | 3.187 (+/- 2.545) | 3.845 (+/- 3.4) | 3.951 (+/- 3.43) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.51 (+/- 3.63) | 4.366 (+/- 3.917) | 5.077 (+/- 4.07) | 4.677 (+/- 4.248) | 4.258 (+/- 4.36) | 4.706 (+/- 4.167) | 4.771 (+/- 3.862) | 4.455 (+/- 3.536) | 4.052 (+/- 3.563) | 4.494 (+/- 4.071) | 4.582 (+/- 3.988) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.795 (+/- 2.225) | 2.756 (+/- 2.41) | 3.264 (+/- 2.884) | 2.818 (+/- 2.498) | 2.494 (+/- 2.778) | 2.838 (+/- 2.493) | 2.761 (+/- 2.06) | 2.804 (+/- 2.585) | 2.445 (+/- 2.086) | 2.696 (+/- 2.612) | 2.833 (+/- 2.498) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.028 (+/- 0.016) | 0.023 (+/- 0.015) | 0.027 (+/- 0.014) | 0.022 (+/- 0.012) | 0.029 (+/- 0.018) | 0.021 (+/- 0.014) | 0.029 (+/- 0.015) | 0.02 (+/- 0.011) | 0.028 (+/- 0.022) | 0.022 (+/- 0.015) | 0.024 (+/- 0.015) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.096 (+/- 0.515) | 1.336 (+/- 0.653) | 1.052 (+/- 0.457) | 1.239 (+/- 0.587) | 1.104 (+/- 0.554) | 1.106 (+/- 0.584) | 1.035 (+/- 0.556) | 1.097 (+/- 0.647) | 1.115 (+/- 0.689) | 1.045 (+/- 0.583) | 1.184 (+/- 0.594) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.229 (+/- 0.507) | 1.039 (+/- 0.408) | 1.238 (+/- 0.468) | 1.054 (+/- 0.427) | 1.249 (+/- 0.654) | 1.03 (+/- 0.597) | 1.237 (+/- 0.465) | 0.999 (+/- 0.438) | 1.125 (+/- 0.614) | 0.963 (+/- 0.494) | 1.104 (+/- 0.486) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.809 (+/- 0.303) | 0.892 (+/- 0.335) | 0.813 (+/- 0.289) | 0.853 (+/- 0.331) | 0.773 (+/- 0.325) | 0.787 (+/- 0.373) | 0.754 (+/- 0.28) | 0.788 (+/- 0.374) | 0.641 (+/- 0.333) | 0.718 (+/- 0.372) | 0.83 (+/- 0.334) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.088 (+/- 2.248) | 7.279 (+/- 2.96) | 4.075 (+/- 2.118) | 6.779 (+/- 2.864) | 3.655 (+/- 2.443) | 6.202 (+/- 3.24) | 3.806 (+/- 1.854) | 6.12 (+/- 2.969) | 3.509 (+/- 2.173) | 5.469 (+/- 2.957) | 5.81 (+/- 3.063) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.522 (+/- 2.195) | 0.431 (+/- 0.865) | 0.587 (+/- 1.804) | 0.52 (+/- 1.74) | 0.446 (+/- 2.487) | 0.453 (+/- 0.527) | 0.625 (+/- 0.356) | 0.438 (+/- 0.335) | 0.881 (+/- 1.7) | 0.479 (+/- 0.357) | 0.496 (+/- 1.506) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 3.94 (+/- 7.032) | 3.473 (+/- 6.935) | 3.685 (+/- 7.231) | 2.278 (+/- 7.867) | 2.901 (+/- 6.141) | 1.847 (+/- 7.343) | 0.285 (+/- 10.755) | 2.491 (+/- 5.559) | 1.087 (+/- 5.328) | 2.966 (+/- 3.806) | 2.995 (+/- 7.119) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 1.612 (+/- 10.339) | 1.353 (+/- 11.224) | 2.097 (+/- 23.344) | 9.136 (+/- 227.712) | 1.704 (+/- 11.883) | -0.425 (+/- 24.276) | -0.74 (+/- 15.323) | -16.459 (+/- 211.719) | 1.852 (+/- 4.977) | 2.132 (+/- 16.353) | 1.933 (+/- 112.075) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 18.565 (+/- 10.948) | 20.026 (+/- 9.454) | 18.582 (+/- 9.895) | 18.231 (+/- 10.038) | 17.09 (+/- 13.319) | 17.08 (+/- 10.077) | 15.297 (+/- 16.318) | 17.727 (+/- 9.598) | 13.596 (+/- 12.153) | 17.257 (+/- 9.837) | 18.489 (+/- 10.386) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.51 (+/- 1.437) | 0.534 (+/- 1.082) | 0.263 (+/- 2.845) | 0.581 (+/- 4.552) | 1.628 (+/- 11.536) | 0.524 (+/- 0.986) | 0.486 (+/- 0.938) | 0.485 (+/- 1.515) | -0.181 (+/- 5.675) | 0.912 (+/- 3.165) | 0.558 (+/- 3.581) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 536.985 (+/- 185.637) | 627.716 (+/- 198.235) | 553.053 (+/- 183.797) | 614.5 (+/- 204.701) | 518.812 (+/- 202.067) | 585.774 (+/- 249.529) | 540.341 (+/- 215.009) | 586.136 (+/- 233.495) | 506.935 (+/- 263.159) | 546.704 (+/- 266.801) | 585.413 (+/- 210.703) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.282 (+/- 0.107) | 0.215 (+/- 0.083) | 0.285 (+/- 0.102) | 0.219 (+/- 0.084) | 0.273 (+/- 0.117) | 0.206 (+/- 0.098) | 0.29 (+/- 0.125) | 0.211 (+/- 0.097) | 0.286 (+/- 0.148) | 0.204 (+/- 0.106) | 0.238 (+/- 0.102) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1301.049 (+/- 390.411) | 1295.136 (+/- 398.095) | 1317.264 (+/- 363.185) | 1299.397 (+/- 411.715) | 1253.04 (+/- 445.085) | 1220.879 (+/- 503.661) | 1262.816 (+/- 435.703) | 1246.196 (+/- 478.918) | 1148.931 (+/- 566.578) | 1157.28 (+/- 551.342) | 1281.507 (+/- 423.846) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.155 (+/- 0.078) | 0.146 (+/- 0.06) | 0.152 (+/- 0.069) | 0.145 (+/- 0.06) | 0.15 (+/- 0.085) | 0.131 (+/- 0.066) | 0.162 (+/- 0.082) | 0.128 (+/- 0.064) | 0.159 (+/- 0.112) | 0.134 (+/- 0.075) | 0.146 (+/- 0.068) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -146.72 (+/- 28.888) | -141.01 (+/- 30.122) | -145.541 (+/- 33.446) | -140.738 (+/- 32.162) | -148.902 (+/- 34.067) | -145.015 (+/- 35.628) | -152.218 (+/- 33.302) | -145.801 (+/- 34.277) | -154.39 (+/- 35.46) | -140.839 (+/- 40.052) | -143.756 (+/- 32.299) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.566 (+/- 0.253) | -0.604 (+/- 0.262) | -0.575 (+/- 0.28) | -0.61 (+/- 0.28) | -0.54 (+/- 0.28) | -0.565 (+/- 0.313) | -0.523 (+/- 0.291) | -0.559 (+/- 0.302) | -0.484 (+/- 0.296) | -0.612 (+/- 0.393) | -0.584 (+/- 0.281) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1396.332 (+/- 420.089) | 1498.46 (+/- 455.825) | 1429.247 (+/- 397.817) | 1473.913 (+/- 464.02) | 1359.433 (+/- 481.182) | 1387.011 (+/- 570.509) | 1388.464 (+/- 474.563) | 1404.571 (+/- 538.363) | 1258.198 (+/- 620.554) | 1317.308 (+/- 626.767) | 1437.052 (+/- 475.622) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.138 (+/- 0.05) | 0.119 (+/- 0.043) | 0.14 (+/- 0.049) | 0.117 (+/- 0.043) | 0.136 (+/- 0.059) | 0.108 (+/- 0.051) | 0.143 (+/- 0.062) | 0.111 (+/- 0.05) | 0.136 (+/- 0.071) | 0.108 (+/- 0.054) | 0.123 (+/- 0.049) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -147.609 (+/- 28.165) | -141.333 (+/- 29.554) | -146.778 (+/- 32.406) | -140.987 (+/- 31.599) | -149.494 (+/- 33.123) | -145.239 (+/- 34.907) | -152.264 (+/- 33.121) | -146.423 (+/- 33.754) | -153.144 (+/- 35.335) | -142.057 (+/- 38.876) | -144.277 (+/- 31.621) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.537 (+/- 0.233) | -0.571 (+/- 0.242) | -0.539 (+/- 0.249) | -0.581 (+/- 0.262) | -0.514 (+/- 0.258) | -0.536 (+/- 0.288) | -0.5 (+/- 0.271) | -0.528 (+/- 0.281) | -0.477 (+/- 0.286) | -0.566 (+/- 0.345) | -0.553 (+/- 0.259) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2315.633 (+/- 680.425) | 2416.142 (+/- 729.999) | 2349.101 (+/- 630.213) | 2384.196 (+/- 746.595) | 2239.46 (+/- 777.454) | 2239.687 (+/- 918.363) | 2277.765 (+/- 745.504) | 2279.286 (+/- 869.373) | 2051.201 (+/- 996.697) | 2132.823 (+/- 1011.953) | 2338.496 (+/- 763.142) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.069 (+/- 0.027) | 0.07 (+/- 0.027) | 0.07 (+/- 0.026) | 0.069 (+/- 0.028) | 0.07 (+/- 0.031) | 0.065 (+/- 0.033) | 0.072 (+/- 0.032) | 0.064 (+/- 0.031) | 0.069 (+/- 0.037) | 0.064 (+/- 0.034) | 0.069 (+/- 0.029) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -149.261 (+/- 27.445) | -143.437 (+/- 28.576) | -148.348 (+/- 31.617) | -142.992 (+/- 30.704) | -151.011 (+/- 32.326) | -147.172 (+/- 33.835) | -153.504 (+/- 32.44) | -148.301 (+/- 32.412) | -154.479 (+/- 34.361) | -143.91 (+/- 37.591) | -146.142 (+/- 30.675) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.511 (+/- 0.222) | -0.539 (+/- 0.226) | -0.513 (+/- 0.235) | -0.549 (+/- 0.247) | -0.488 (+/- 0.245) | -0.505 (+/- 0.27) | -0.478 (+/- 0.257) | -0.499 (+/- 0.263) | -0.454 (+/- 0.269) | -0.531 (+/- 0.314) | -0.523 (+/- 0.243) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -12.615 (+/- 6.711) | -12.936 (+/- 6.16) | -13.341 (+/- 5.943) | -11.738 (+/- 6.306) | -12.028 (+/- 6.879) | -10.563 (+/- 6.784) | -12.62 (+/- 6.664) | -11.443 (+/- 6.569) | -9.873 (+/- 7.38) | -10.76 (+/- 6.405) | -12.228 (+/- 6.449) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.842 (+/- 1.667) | -0.701 (+/- 0.74) | -0.702 (+/- 0.708) | -0.744 (+/- 1.856) | -0.702 (+/- 2.085) | -0.692 (+/- 2.218) | -0.8 (+/- 0.736) | -0.686 (+/- 0.691) | -3.817 (+/- 15.653) | -0.717 (+/- 0.682) | -0.781 (+/- 2.418) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 21.679 (+/- 9.091) | 22.831 (+/- 8.959) | 22.083 (+/- 8.318) | 21.438 (+/- 9.088) | 20.807 (+/- 9.697) | 20.138 (+/- 10.496) | 21.177 (+/- 10.002) | 20.734 (+/- 9.829) | 17.991 (+/- 11.556) | 19.481 (+/- 10.368) | 21.631 (+/- 9.318) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.388 (+/- 1.002) | 0.426 (+/- 0.261) | 0.397 (+/- 0.246) | 0.444 (+/- 0.266) | 0.416 (+/- 0.415) | 0.393 (+/- 0.255) | 0.474 (+/- 0.358) | 0.324 (+/- 0.782) | 0.516 (+/- 0.603) | 0.413 (+/- 0.289) | 0.414 (+/- 0.498) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.026 (+/- 0.03) | 0.046 (+/- 0.035) | 0.025 (+/- 0.033) | 0.046 (+/- 0.034) | 0.03 (+/- 0.034) | 0.044 (+/- 0.036) | 0.028 (+/- 0.042) | 0.037 (+/- 0.032) | 0.036 (+/- 0.039) | 0.039 (+/- 0.032) | 0.038 (+/- 0.035) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 2.111 (+/- 24.384) | 1.176 (+/- 10.448) | 0.107 (+/- 16.249) | 0.457 (+/- 4.419) | 1.088 (+/- 6.337) | -0.327 (+/- 9.352) | 0.975 (+/- 1.335) | 0.442 (+/- 1.725) | 1.018 (+/- 2.299) | -1.356 (+/- 12.889) | 0.772 (+/- 13.059) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.018 (+/- 0.013) | -0.018 (+/- 0.012) | -0.018 (+/- 0.013) | -0.017 (+/- 0.012) | -0.018 (+/- 0.013) | -0.017 (+/- 0.014) | -0.018 (+/- 0.014) | -0.017 (+/- 0.013) | -0.018 (+/- 0.014) | -0.017 (+/- 0.013) | -0.018 (+/- 0.013) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.293 (+/- 4.85) | 38.796 (+/- 1022.613) | -1.576 (+/- 6.061) | -1.003 (+/- 6.784) | 72.554 (+/- 777.21) | -1.822 (+/- 14.866) | -0.903 (+/- 0.952) | -0.126 (+/- 10.038) | -2.241 (+/- 7.38) | -1.229 (+/- 3.951) | 13.006 (+/- 558.289) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.294 (+/- 6.259) | -8.211 (+/- 6.278) | -9.016 (+/- 6.235) | -8.196 (+/- 6.869) | -8.072 (+/- 6.614) | -7.768 (+/- 6.724) | -8.847 (+/- 6.52) | -9.277 (+/- 7.379) | -7.445 (+/- 6.365) | -7.708 (+/- 6.849) | -8.289 (+/- 6.531) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.172 (+/- 7.492) | 16.615 (+/- 7.723) | 17.89 (+/- 7.543) | 16.76 (+/- 8.254) | 16.874 (+/- 8.281) | 16.388 (+/- 8.329) | 17.496 (+/- 8.23) | 18.234 (+/- 8.889) | 16.739 (+/- 7.882) | 16.343 (+/- 8.343) | 16.944 (+/- 7.957) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.013 (+/- 0.035) | 0.019 (+/- 0.037) | 0.009 (+/- 0.035) | 0.018 (+/- 0.038) | 0.016 (+/- 0.039) | 0.025 (+/- 0.042) | 0.01 (+/- 0.042) | 0.013 (+/- 0.04) | 0.021 (+/- 0.047) | 0.018 (+/- 0.036) | 0.017 (+/- 0.038) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.012 (+/- 0.013) | 0.012 (+/- 0.013) | 0.01 (+/- 0.013) | 0.012 (+/- 0.013) | 0.014 (+/- 0.014) | 0.013 (+/- 0.015) | 0.008 (+/- 0.01) | 0.011 (+/- 0.011) | 0.014 (+/- 0.012) | 0.012 (+/- 0.013) | 0.012 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 2.537 (+/- 1.71) | 2.514 (+/- 1.745) | 2.465 (+/- 1.916) | 2.584 (+/- 2.066) | 2.568 (+/- 2.016) | 2.471 (+/- 2.084) | 3.227 (+/- 3.556) | 2.743 (+/- 2.595) | 2.832 (+/- 2.852) | 2.977 (+/- 3.035) | 2.565 (+/- 2.033) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.407 (+/- 0.786) | 1.506 (+/- 0.88) | 1.456 (+/- 0.929) | 1.438 (+/- 0.818) | 1.349 (+/- 0.888) | 1.256 (+/- 0.819) | 1.323 (+/- 0.845) | 1.289 (+/- 0.865) | 1.279 (+/- 1.103) | 1.414 (+/- 1.039) | 1.418 (+/- 0.864) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.188 (+/- 0.093) | 0.205 (+/- 0.122) | 0.193 (+/- 0.105) | 0.209 (+/- 0.116) | 0.183 (+/- 0.103) | 0.218 (+/- 0.239) | 0.171 (+/- 0.09) | 0.209 (+/- 0.161) | 0.176 (+/- 0.131) | 0.193 (+/- 0.117) | 0.201 (+/- 0.133) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.148 (+/- 0.092) | 0.156 (+/- 0.109) | 0.154 (+/- 0.103) | 0.161 (+/- 0.095) | 0.15 (+/- 0.112) | 0.143 (+/- 0.096) | 0.126 (+/- 0.069) | 0.154 (+/- 0.122) | 0.147 (+/- 0.183) | 0.141 (+/- 0.096) | 0.153 (+/- 0.103) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.891 (+/- 1.681) | 0.82 (+/- 1.612) | 0.951 (+/- 1.849) | 0.845 (+/- 1.668) | 0.972 (+/- 1.594) | 1.06 (+/- 1.635) | 1.018 (+/- 1.668) | 0.886 (+/- 1.291) | 1.311 (+/- 1.915) | 1.413 (+/- 2.879) | 0.912 (+/- 1.71) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.655 (+/- 0.648) | 0.58 (+/- 0.607) | 0.728 (+/- 0.72) | 0.611 (+/- 0.641) | 0.772 (+/- 0.774) | 0.654 (+/- 0.689) | 0.927 (+/- 0.908) | 0.663 (+/- 0.668) | 0.847 (+/- 1.112) | 0.553 (+/- 0.622) | 0.645 (+/- 0.671) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 3.496 (+/- 1.879) | 3.462 (+/- 1.774) | 3.857 (+/- 2.337) | 3.428 (+/- 1.897) | 3.559 (+/- 2.301) | 3.061 (+/- 1.863) | 3.722 (+/- 2.198) | 3.192 (+/- 1.727) | 3.222 (+/- 1.965) | 3.332 (+/- 2.46) | 3.454 (+/- 1.959) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 5.466 (+/- 2.973) | 5.215 (+/- 2.729) | 6.041 (+/- 3.399) | 5.274 (+/- 2.921) | 5.597 (+/- 3.456) | 4.825 (+/- 2.849) | 5.906 (+/- 3.965) | 4.925 (+/- 2.95) | 6.049 (+/- 3.799) | 5.584 (+/- 4.232) | 5.366 (+/- 3.065) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 1.97 (+/- 2.024) | 1.753 (+/- 1.828) | 2.184 (+/- 2.26) | 1.846 (+/- 1.995) | 2.038 (+/- 2.3) | 1.764 (+/- 1.809) | 2.184 (+/- 2.479) | 1.733 (+/- 1.88) | 2.828 (+/- 3.031) | 2.251 (+/- 2.846) | 1.912 (+/- 2.057) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.317 (+/- 0.196) | 0.298 (+/- 0.201) | 0.323 (+/- 0.211) | 0.299 (+/- 0.199) | 0.293 (+/- 0.224) | 0.314 (+/- 0.238) | 0.269 (+/- 0.208) | 0.278 (+/- 0.211) | 0.374 (+/- 0.287) | 0.297 (+/- 0.249) | 0.306 (+/- 0.211) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.858 (+/- 2.139) | 0.894 (+/- 3.038) | 0.826 (+/- 1.612) | 0.673 (+/- 1.115) | 0.807 (+/- 1.767) | 1.057 (+/- 2.592) | 0.531 (+/- 0.613) | 0.979 (+/- 4.616) | 1.881 (+/- 3.656) | 1.093 (+/- 2.853) | 0.868 (+/- 2.476) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.675 (+/- 0.652) | 0.559 (+/- 0.581) | 0.649 (+/- 0.63) | 0.571 (+/- 0.533) | 0.737 (+/- 0.888) | 0.671 (+/- 0.657) | 0.652 (+/- 0.583) | 0.638 (+/- 0.66) | 0.848 (+/- 0.767) | 0.831 (+/- 1.018) | 0.63 (+/- 0.643) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.681 (+/- 2.077) | 0.464 (+/- 1.606) | 0.701 (+/- 2.523) | 0.571 (+/- 1.345) | 1.153 (+/- 3.824) | 0.821 (+/- 2.006) | 0.763 (+/- 1.633) | 0.816 (+/- 2.14) | 1.565 (+/- 3.013) | 1.434 (+/- 6.011) | 0.683 (+/- 2.276) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 3.199 (+/- 1.796) | 3.164 (+/- 1.673) | 3.496 (+/- 2.2) | 3.102 (+/- 1.768) | 3.271 (+/- 2.188) | 2.768 (+/- 1.694) | 3.381 (+/- 1.963) | 2.933 (+/- 1.609) | 2.824 (+/- 1.627) | 3.053 (+/- 2.292) | 3.146 (+/- 1.834) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 4.808 (+/- 2.949) | 4.602 (+/- 2.74) | 5.382 (+/- 3.434) | 4.653 (+/- 3.025) | 4.97 (+/- 3.415) | 4.157 (+/- 2.724) | 5.592 (+/- 3.894) | 4.386 (+/- 2.818) | 5.214 (+/- 3.474) | 5.194 (+/- 4.218) | 4.747 (+/- 3.063) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 1.609 (+/- 2.021) | 1.438 (+/- 1.837) | 1.887 (+/- 2.349) | 1.551 (+/- 2.166) | 1.698 (+/- 2.289) | 1.389 (+/- 1.655) | 2.21 (+/- 2.676) | 1.453 (+/- 1.776) | 2.39 (+/- 3.13) | 2.141 (+/- 2.959) | 1.602 (+/- 2.102) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.264 (+/- 0.211) | 0.247 (+/- 0.203) | 0.281 (+/- 0.233) | 0.249 (+/- 0.224) | 0.241 (+/- 0.239) | 0.266 (+/- 0.234) | 0.284 (+/- 0.224) | 0.241 (+/- 0.202) | 0.319 (+/- 0.308) | 0.283 (+/- 0.262) | 0.258 (+/- 0.222) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.769 (+/- 2.675) | 0.593 (+/- 1.936) | 0.956 (+/- 4.174) | 0.695 (+/- 2.153) | 0.667 (+/- 1.378) | 0.87 (+/- 2.691) | 0.617 (+/- 0.759) | 0.471 (+/- 0.678) | 2.687 (+/- 7.266) | 1.062 (+/- 3.027) | 0.752 (+/- 2.649) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.691 (+/- 0.644) | 0.536 (+/- 0.468) | 0.698 (+/- 0.735) | 0.589 (+/- 0.555) | 0.707 (+/- 0.752) | 0.636 (+/- 0.664) | 0.693 (+/- 0.572) | 0.579 (+/- 0.573) | 1.015 (+/- 1.164) | 0.825 (+/- 1.028) | 0.63 (+/- 0.633) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.812 (+/- 2.425) | 0.484 (+/- 1.478) | 0.883 (+/- 2.785) | 0.667 (+/- 1.715) | 1.271 (+/- 3.746) | 0.768 (+/- 1.716) | 0.859 (+/- 1.628) | 0.779 (+/- 2.073) | 1.557 (+/- 2.961) | 1.483 (+/- 6.08) | 0.749 (+/- 2.361) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 2.749 (+/- 1.694) | 2.688 (+/- 1.61) | 2.972 (+/- 2.126) | 2.59 (+/- 1.74) | 2.771 (+/- 2.218) | 2.303 (+/- 1.486) | 2.742 (+/- 1.715) | 2.495 (+/- 1.472) | 2.401 (+/- 1.558) | 2.54 (+/- 1.944) | 2.661 (+/- 1.745) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 4.061 (+/- 2.884) | 3.852 (+/- 2.533) | 4.516 (+/- 3.36) | 3.783 (+/- 2.885) | 4.247 (+/- 3.441) | 3.397 (+/- 2.601) | 4.461 (+/- 3.48) | 3.647 (+/- 2.494) | 4.083 (+/- 3.184) | 4.31 (+/- 3.858) | 3.944 (+/- 2.903) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 1.312 (+/- 1.91) | 1.164 (+/- 1.619) | 1.544 (+/- 2.25) | 1.193 (+/- 1.923) | 1.476 (+/- 2.151) | 1.094 (+/- 1.637) | 1.719 (+/- 2.455) | 1.152 (+/- 1.509) | 1.682 (+/- 2.686) | 1.77 (+/- 2.804) | 1.283 (+/- 1.921) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.23 (+/- 0.209) | 0.226 (+/- 0.204) | 0.246 (+/- 0.231) | 0.218 (+/- 0.226) | 0.241 (+/- 0.254) | 0.226 (+/- 0.238) | 0.267 (+/- 0.236) | 0.216 (+/- 0.207) | 0.252 (+/- 0.284) | 0.247 (+/- 0.259) | 0.23 (+/- 0.223) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.556 (+/- 1.579) | 0.502 (+/- 1.116) | 0.625 (+/- 1.415) | 0.606 (+/- 1.691) | 1.038 (+/- 3.297) | 0.683 (+/- 2.068) | 0.855 (+/- 2.166) | 0.478 (+/- 1.262) | 1.208 (+/- 3.31) | 1.47 (+/- 6.051) | 0.634 (+/- 1.999) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.687 (+/- 0.667) | 0.587 (+/- 0.64) | 0.718 (+/- 0.762) | 0.646 (+/- 0.727) | 0.797 (+/- 0.98) | 0.678 (+/- 0.85) | 0.822 (+/- 0.703) | 0.624 (+/- 0.653) | 0.678 (+/- 0.702) | 0.771 (+/- 0.894) | 0.664 (+/- 0.736) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.842 (+/- 2.207) | 0.743 (+/- 2.821) | 0.988 (+/- 2.397) | 0.864 (+/- 2.683) | 1.491 (+/- 4.062) | 0.866 (+/- 2.05) | 1.64 (+/- 3.078) | 0.881 (+/- 1.839) | 1.359 (+/- 2.756) | 1.011 (+/- 2.771) | 0.909 (+/- 2.717) |
| UtteranceNumber  (pause\_features) | 3.16 (+/- 2.497) | 3.104 (+/- 1.996) | 3.264 (+/- 2.739) | 3.159 (+/- 2.363) | 2.88 (+/- 2.123) | 3.114 (+/- 2.36) | 3.29 (+/- 2.128) | 3.259 (+/- 2.181) | 3.538 (+/- 3.249) | 3.706 (+/- 3.051) | 3.164 (+/- 2.362) |
| PauseNumber  (pause\_features) | 2.184 (+/- 2.472) | 2.124 (+/- 1.969) | 2.3 (+/- 2.702) | 2.184 (+/- 2.335) | 1.92 (+/- 2.077) | 2.127 (+/- 2.346) | 2.323 (+/- 2.085) | 2.282 (+/- 2.151) | 2.538 (+/- 3.249) | 2.706 (+/- 3.051) | 2.187 (+/- 2.335) |
| AveragePauseLength  (pause\_features) | 0.691 (+/- 0.888) | 0.566 (+/- 0.657) | 0.681 (+/- 0.801) | 0.541 (+/- 0.612) | 0.816 (+/- 1.351) | 0.617 (+/- 0.809) | 0.748 (+/- 0.773) | 0.535 (+/- 0.437) | 1.193 (+/- 1.519) | 0.822 (+/- 0.756) | 0.629 (+/- 0.785) |
| StdPauseLength  (pause\_features) | 0.258 (+/- 0.435) | 0.289 (+/- 0.452) | 0.355 (+/- 0.514) | 0.292 (+/- 0.435) | 0.32 (+/- 0.562) | 0.255 (+/- 0.358) | 0.387 (+/- 0.658) | 0.279 (+/- 0.357) | 0.624 (+/- 1.122) | 0.431 (+/- 0.604) | 0.301 (+/- 0.476) |
| TimeToFirstPhonation  (pause\_features) | 0.643 (+/- 1.061) | 0.633 (+/- 1.158) | 0.743 (+/- 1.203) | 0.625 (+/- 0.965) | 0.576 (+/- 0.873) | 0.585 (+/- 1.138) | 0.467 (+/- 0.906) | 0.642 (+/- 1.197) | 0.888 (+/- 1.583) | 0.562 (+/- 1.067) | 0.639 (+/- 1.103) |
| TimeToLastPhonation  (pause\_features) | 5.429 (+/- 2.769) | 5.177 (+/- 2.405) | 5.855 (+/- 3.283) | 5.105 (+/- 2.617) | 5.495 (+/- 3.264) | 5.067 (+/- 2.594) | 5.403 (+/- 3.268) | 5.205 (+/- 2.495) | 6.826 (+/- 3.576) | 6.791 (+/- 4.218) | 5.37 (+/- 2.82) |
| UtterancePerMin  (pause\_features) | 29.007 (+/- 16.555) | 31.025 (+/- 15.868) | 27.341 (+/- 17.525) | 30.914 (+/- 16.775) | 25.799 (+/- 14.986) | 30.472 (+/- 17.035) | 30.018 (+/- 20.113) | 30.838 (+/- 17.72) | 27.757 (+/- 18.152) | 29.936 (+/- 19.879) | 29.749 (+/- 16.832) |
| WordsPerMin  (pause\_features) | 92.866 (+/- 32.324) | 98.723 (+/- 31.476) | 87.189 (+/- 35.759) | 96.008 (+/- 32.749) | 91.537 (+/- 33.871) | 94.244 (+/- 35.82) | 86.497 (+/- 44.619) | 88.32 (+/- 35.443) | 82.444 (+/- 42.68) | 90.335 (+/- 43.231) | 93.808 (+/- 34.232) |
| Duration  (pause\_features) | 6.61 (+/- 2.892) | 6.148 (+/- 2.541) | 7.16 (+/- 3.326) | 6.232 (+/- 2.704) | 7.208 (+/- 3.531) | 6.287 (+/- 2.772) | 7.4 (+/- 3.929) | 6.634 (+/- 2.854) | 8.003 (+/- 3.625) | 7.771 (+/- 4.468) | 6.553 (+/- 2.983) |