|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=667) | Thirties Male (30-39)   (N=288) | Thirties Female (30-39)   (N=476) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=230) | Fifties Male (50-59)   (N=42) | Fifties Female (50-59)   (N=128) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2460) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.281 (+/- 7.271) | 32.116 (+/- 8.862) | 23.537 (+/- 8.004) | 30.258 (+/- 10.573) | 23.603 (+/- 9.116) | 29.472 (+/- 11.024) | 24.863 (+/- 5.291) | 28.658 (+/- 11.571) | 24.13 (+/- 11.541) | 28.827 (+/- 10.77) | 28.369 (+/- 9.948) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.144 (+/- 0.107) | 0.11 (+/- 0.078) | 0.139 (+/- 0.102) | 0.102 (+/- 0.081) | 0.128 (+/- 0.11) | 0.095 (+/- 0.073) | 0.158 (+/- 0.1) | 0.09 (+/- 0.071) | 0.15 (+/- 0.14) | 0.118 (+/- 0.088) | 0.117 (+/- 0.091) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 21.978 (+/- 6.863) | 30.081 (+/- 9.048) | 21.194 (+/- 7.456) | 28.233 (+/- 10.279) | 21.336 (+/- 8.687) | 27.577 (+/- 10.492) | 22.421 (+/- 4.883) | 26.698 (+/- 11.079) | 21.061 (+/- 10.832) | 26.072 (+/- 10.337) | 26.22 (+/- 9.754) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.624 (+/- 7.124) | 32.322 (+/- 8.993) | 22.97 (+/- 7.938) | 30.218 (+/- 10.593) | 22.923 (+/- 9.08) | 29.363 (+/- 11.024) | 24.306 (+/- 5.182) | 28.63 (+/- 11.601) | 22.781 (+/- 11.175) | 29.005 (+/- 10.771) | 28.18 (+/- 10.078) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 25.992 (+/- 8.142) | 34.165 (+/- 9.262) | 25.332 (+/- 8.928) | 32.284 (+/- 11.414) | 25.569 (+/- 10.198) | 31.206 (+/- 11.646) | 26.295 (+/- 5.728) | 30.46 (+/- 12.187) | 28.001 (+/- 14.512) | 31.007 (+/- 11.579) | 30.302 (+/- 10.673) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.014 (+/- 3.884) | 4.084 (+/- 3.949) | 4.138 (+/- 3.977) | 4.051 (+/- 4.177) | 4.233 (+/- 4.633) | 3.629 (+/- 2.878) | 3.874 (+/- 1.79) | 3.762 (+/- 3.232) | 6.94 (+/- 8.781) | 4.935 (+/- 4.665) | 4.082 (+/- 4.025) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 200.359 (+/- 266.041) | 186.36 (+/- 222.066) | 192.739 (+/- 266.169) | 151.824 (+/- 171.654) | 185.22 (+/- 288.259) | 143.342 (+/- 171.733) | 215.336 (+/- 252.475) | 141.727 (+/- 173.819) | 228.797 (+/- 305.325) | 187.996 (+/- 226.422) | 177.518 (+/- 226.807) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 214.813 (+/- 324.034) | 184.239 (+/- 233.002) | 202.277 (+/- 312.391) | 159.795 (+/- 204.163) | 198.573 (+/- 319.148) | 152.019 (+/- 224.179) | 241.191 (+/- 357.785) | 156.21 (+/- 219.445) | 254.873 (+/- 355.307) | 205.039 (+/- 280.307) | 185.099 (+/- 264.329) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 61.891 (+/- 100.882) | 59.78 (+/- 113.574) | 57.447 (+/- 101.752) | 48.755 (+/- 76.427) | 57.801 (+/- 89.166) | 44.124 (+/- 64.017) | 96.804 (+/- 170.228) | 38.809 (+/- 58.282) | 74.515 (+/- 103.827) | 50.452 (+/- 64.556) | 55.502 (+/- 95.923) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 64.757 (+/- 132.041) | 71.452 (+/- 160.249) | 60.489 (+/- 113.369) | 55.886 (+/- 112.914) | 62.968 (+/- 114.883) | 45.503 (+/- 79.685) | 108.683 (+/- 268.179) | 47.782 (+/- 102.576) | 79.678 (+/- 142.51) | 58.056 (+/- 72.736) | 62.093 (+/- 130.989) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.319 (+/- 0.247) | 0.316 (+/- 0.24) | 0.341 (+/- 0.268) | 0.334 (+/- 0.298) | 0.3 (+/- 0.246) | 0.335 (+/- 0.277) | 0.359 (+/- 0.251) | 0.328 (+/- 0.267) | 0.284 (+/- 0.22) | 0.336 (+/- 0.257) | 0.326 (+/- 0.263) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.901 (+/- 0.385) | 0.878 (+/- 0.33) | 0.864 (+/- 0.407) | 0.856 (+/- 0.376) | 0.895 (+/- 0.483) | 0.893 (+/- 0.439) | 0.858 (+/- 0.367) | 0.856 (+/- 0.357) | 0.816 (+/- 0.432) | 0.904 (+/- 0.397) | 0.877 (+/- 0.383) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.085 (+/- 0.107) | 0.082 (+/- 0.098) | 0.106 (+/- 0.118) | 0.089 (+/- 0.109) | 0.086 (+/- 0.108) | 0.085 (+/- 0.1) | 0.114 (+/- 0.101) | 0.089 (+/- 0.084) | 0.085 (+/- 0.102) | 0.083 (+/- 0.081) | 0.088 (+/- 0.104) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.217 (+/- 0.198) | 0.222 (+/- 0.198) | 0.24 (+/- 0.232) | 0.234 (+/- 0.243) | 0.212 (+/- 0.204) | 0.229 (+/- 0.224) | 0.251 (+/- 0.212) | 0.22 (+/- 0.191) | 0.182 (+/- 0.172) | 0.218 (+/- 0.213) | 0.226 (+/- 0.215) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.528 (+/- 0.419) | 0.521 (+/- 0.406) | 0.552 (+/- 0.468) | 0.555 (+/- 0.521) | 0.492 (+/- 0.429) | 0.554 (+/- 0.493) | 0.556 (+/- 0.452) | 0.542 (+/- 0.49) | 0.475 (+/- 0.378) | 0.57 (+/- 0.485) | 0.537 (+/- 0.457) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.443 (+/- 0.376) | 0.439 (+/- 0.365) | 0.447 (+/- 0.43) | 0.466 (+/- 0.468) | 0.406 (+/- 0.404) | 0.47 (+/- 0.448) | 0.441 (+/- 0.425) | 0.453 (+/- 0.45) | 0.39 (+/- 0.345) | 0.487 (+/- 0.457) | 0.449 (+/- 0.415) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 7.065 (+/- 5.55) | 6.949 (+/- 5.294) | 7.228 (+/- 6.0) | 7.246 (+/- 6.44) | 6.315 (+/- 5.638) | 7.157 (+/- 5.629) | 7.929 (+/- 6.921) | 7.133 (+/- 6.207) | 5.938 (+/- 4.814) | 7.557 (+/- 6.046) | 7.088 (+/- 5.799) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 4.212 (+/- 3.46) | 4.155 (+/- 3.567) | 4.523 (+/- 3.986) | 4.166 (+/- 3.773) | 3.815 (+/- 3.144) | 4.186 (+/- 3.314) | 4.841 (+/- 3.887) | 4.096 (+/- 3.264) | 3.435 (+/- 2.777) | 4.333 (+/- 3.388) | 4.203 (+/- 3.573) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 5.296 (+/- 4.571) | 5.091 (+/- 4.097) | 5.603 (+/- 4.783) | 5.37 (+/- 4.918) | 4.881 (+/- 4.092) | 5.43 (+/- 4.453) | 6.012 (+/- 4.75) | 5.221 (+/- 4.513) | 4.445 (+/- 3.85) | 5.444 (+/- 4.319) | 5.293 (+/- 4.493) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 3.096 (+/- 3.308) | 2.875 (+/- 2.47) | 3.265 (+/- 2.805) | 2.952 (+/- 2.764) | 2.739 (+/- 2.284) | 2.91 (+/- 2.337) | 3.352 (+/- 2.573) | 2.862 (+/- 2.563) | 2.331 (+/- 2.013) | 3.083 (+/- 2.668) | 2.978 (+/- 2.7) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.03 (+/- 0.016) | 0.028 (+/- 0.014) | 0.031 (+/- 0.018) | 0.026 (+/- 0.013) | 0.029 (+/- 0.016) | 0.025 (+/- 0.013) | 0.034 (+/- 0.014) | 0.025 (+/- 0.012) | 0.028 (+/- 0.018) | 0.025 (+/- 0.012) | 0.028 (+/- 0.015) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.09 (+/- 0.501) | 1.303 (+/- 0.577) | 1.072 (+/- 0.525) | 1.199 (+/- 0.62) | 1.011 (+/- 0.478) | 1.144 (+/- 0.601) | 1.143 (+/- 0.444) | 1.029 (+/- 0.555) | 1.015 (+/- 0.612) | 1.086 (+/- 0.511) | 1.165 (+/- 0.57) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.431 (+/- 0.533) | 1.222 (+/- 0.429) | 1.37 (+/- 0.547) | 1.181 (+/- 0.465) | 1.34 (+/- 0.53) | 1.17 (+/- 0.477) | 1.49 (+/- 0.411) | 1.167 (+/- 0.486) | 1.232 (+/- 0.654) | 1.179 (+/- 0.471) | 1.264 (+/- 0.494) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.802 (+/- 0.264) | 0.833 (+/- 0.266) | 0.79 (+/- 0.297) | 0.766 (+/- 0.304) | 0.748 (+/- 0.31) | 0.75 (+/- 0.302) | 0.799 (+/- 0.195) | 0.73 (+/- 0.318) | 0.634 (+/- 0.325) | 0.741 (+/- 0.297) | 0.787 (+/- 0.289) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.31 (+/- 2.15) | 7.396 (+/- 2.659) | 4.14 (+/- 2.301) | 6.594 (+/- 2.931) | 4.084 (+/- 2.261) | 6.364 (+/- 2.979) | 4.365 (+/- 1.491) | 6.174 (+/- 2.822) | 3.459 (+/- 2.801) | 5.961 (+/- 2.623) | 5.904 (+/- 2.929) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.498 (+/- 1.255) | 0.363 (+/- 1.033) | 0.574 (+/- 0.721) | 0.419 (+/- 0.283) | 0.528 (+/- 0.436) | 0.359 (+/- 0.868) | 0.544 (+/- 0.191) | 0.407 (+/- 0.262) | 0.612 (+/- 0.647) | 0.489 (+/- 0.316) | 0.439 (+/- 0.846) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 3.977 (+/- 6.886) | 6.654 (+/- 6.018) | 2.832 (+/- 9.649) | 4.86 (+/- 8.435) | 3.659 (+/- 5.873) | 5.545 (+/- 14.187) | 2.235 (+/- 9.48) | 4.81 (+/- 4.836) | 1.082 (+/- 10.893) | 5.029 (+/- 4.404) | 4.86 (+/- 8.376) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | -426.745 (+/- 8240.295) | 1.396 (+/- 5.665) | 1.281 (+/- 26.972) | 0.297 (+/- 9.799) | 2.182 (+/- 12.147) | 9.424 (+/- 115.889) | 3.132 (+/- 6.025) | 3.828 (+/- 20.547) | 0.997 (+/- 6.992) | 7.193 (+/- 32.019) | -62.265 (+/- 3203.999) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 21.587 (+/- 11.42) | 23.031 (+/- 8.85) | 20.08 (+/- 13.367) | 19.771 (+/- 10.851) | 20.401 (+/- 10.728) | 19.596 (+/- 11.53) | 20.798 (+/- 14.944) | 19.637 (+/- 10.639) | 15.936 (+/- 13.897) | 20.136 (+/- 9.253) | 20.947 (+/- 11.024) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.313 (+/- 3.179) | 0.383 (+/- 1.145) | 0.382 (+/- 1.749) | 0.467 (+/- 1.302) | 0.35 (+/- 0.542) | 0.428 (+/- 0.447) | 0.395 (+/- 0.305) | 0.359 (+/- 1.03) | 0.125 (+/- 2.235) | 0.684 (+/- 1.815) | 0.399 (+/- 1.696) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 551.004 (+/- 163.435) | 633.129 (+/- 169.257) | 549.343 (+/- 187.594) | 605.241 (+/- 211.099) | 530.134 (+/- 197.701) | 606.217 (+/- 223.84) | 589.953 (+/- 148.054) | 586.406 (+/- 231.472) | 552.369 (+/- 233.582) | 588.53 (+/- 215.857) | 592.249 (+/- 194.909) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.291 (+/- 0.093) | 0.236 (+/- 0.076) | 0.287 (+/- 0.103) | 0.228 (+/- 0.091) | 0.278 (+/- 0.116) | 0.224 (+/- 0.094) | 0.3 (+/- 0.075) | 0.224 (+/- 0.093) | 0.271 (+/- 0.137) | 0.228 (+/- 0.092) | 0.25 (+/- 0.095) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1346.219 (+/- 337.455) | 1333.272 (+/- 339.847) | 1315.181 (+/- 387.858) | 1288.986 (+/- 427.446) | 1282.788 (+/- 431.162) | 1267.459 (+/- 448.108) | 1397.269 (+/- 242.723) | 1242.914 (+/- 474.041) | 1219.576 (+/- 493.572) | 1275.107 (+/- 451.502) | 1309.479 (+/- 392.587) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.147 (+/- 0.054) | 0.149 (+/- 0.05) | 0.145 (+/- 0.06) | 0.141 (+/- 0.057) | 0.139 (+/- 0.064) | 0.141 (+/- 0.059) | 0.165 (+/- 0.053) | 0.135 (+/- 0.061) | 0.144 (+/- 0.082) | 0.136 (+/- 0.056) | 0.144 (+/- 0.057) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -144.745 (+/- 27.492) | -138.082 (+/- 28.52) | -146.295 (+/- 31.345) | -138.968 (+/- 32.976) | -148.934 (+/- 33.35) | -141.215 (+/- 34.23) | -145.541 (+/- 25.54) | -142.239 (+/- 35.338) | -152.906 (+/- 32.51) | -138.373 (+/- 34.334) | -141.65 (+/- 31.217) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.573 (+/- 0.233) | -0.613 (+/- 0.237) | -0.556 (+/- 0.26) | -0.608 (+/- 0.283) | -0.535 (+/- 0.283) | -0.587 (+/- 0.29) | -0.571 (+/- 0.195) | -0.568 (+/- 0.302) | -0.492 (+/- 0.283) | -0.613 (+/- 0.297) | -0.588 (+/- 0.263) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1432.177 (+/- 365.624) | 1528.402 (+/- 387.551) | 1413.386 (+/- 419.973) | 1455.408 (+/- 481.39) | 1371.031 (+/- 461.22) | 1447.682 (+/- 511.401) | 1507.382 (+/- 265.464) | 1410.789 (+/- 538.188) | 1355.865 (+/- 546.374) | 1424.422 (+/- 503.967) | 1458.683 (+/- 439.62) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.138 (+/- 0.044) | 0.125 (+/- 0.04) | 0.137 (+/- 0.049) | 0.117 (+/- 0.046) | 0.13 (+/- 0.055) | 0.116 (+/- 0.047) | 0.145 (+/- 0.034) | 0.114 (+/- 0.048) | 0.123 (+/- 0.065) | 0.115 (+/- 0.047) | 0.126 (+/- 0.046) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -146.555 (+/- 26.505) | -137.926 (+/- 27.993) | -148.012 (+/- 30.189) | -138.92 (+/- 32.626) | -150.223 (+/- 31.932) | -141.072 (+/- 34.014) | -147.255 (+/- 25.219) | -142.863 (+/- 34.556) | -152.774 (+/- 31.949) | -138.832 (+/- 33.422) | -142.195 (+/- 30.652) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.535 (+/- 0.212) | -0.583 (+/- 0.218) | -0.516 (+/- 0.233) | -0.579 (+/- 0.266) | -0.502 (+/- 0.255) | -0.561 (+/- 0.273) | -0.535 (+/- 0.183) | -0.538 (+/- 0.28) | -0.476 (+/- 0.265) | -0.58 (+/- 0.273) | -0.556 (+/- 0.243) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2355.568 (+/- 585.049) | 2452.673 (+/- 617.583) | 2314.355 (+/- 670.909) | 2335.718 (+/- 767.892) | 2251.693 (+/- 745.111) | 2308.913 (+/- 810.243) | 2439.45 (+/- 393.939) | 2269.218 (+/- 861.605) | 2184.273 (+/- 869.314) | 2299.41 (+/- 810.23) | 2357.585 (+/- 700.365) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.079 (+/- 0.027) | 0.079 (+/- 0.026) | 0.076 (+/- 0.028) | 0.075 (+/- 0.03) | 0.076 (+/- 0.033) | 0.073 (+/- 0.031) | 0.082 (+/- 0.021) | 0.07 (+/- 0.031) | 0.075 (+/- 0.039) | 0.073 (+/- 0.031) | 0.076 (+/- 0.029) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -148.428 (+/- 25.612) | -140.151 (+/- 27.002) | -149.654 (+/- 29.45) | -141.014 (+/- 31.641) | -151.889 (+/- 31.049) | -143.003 (+/- 33.105) | -148.658 (+/- 24.763) | -144.899 (+/- 33.183) | -154.173 (+/- 31.032) | -140.991 (+/- 32.284) | -144.183 (+/- 29.682) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.507 (+/- 0.198) | -0.549 (+/- 0.202) | -0.491 (+/- 0.221) | -0.546 (+/- 0.248) | -0.476 (+/- 0.24) | -0.53 (+/- 0.256) | -0.512 (+/- 0.172) | -0.508 (+/- 0.263) | -0.455 (+/- 0.25) | -0.545 (+/- 0.254) | -0.526 (+/- 0.227) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -14.19 (+/- 5.952) | -13.64 (+/- 6.163) | -13.949 (+/- 6.222) | -11.765 (+/- 6.157) | -12.301 (+/- 7.023) | -11.49 (+/- 6.143) | -14.752 (+/- 5.442) | -11.714 (+/- 6.902) | -11.342 (+/- 7.552) | -11.786 (+/- 5.674) | -12.941 (+/- 6.303) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -1.214 (+/- 13.608) | -0.591 (+/- 0.371) | -0.563 (+/- 0.775) | -0.492 (+/- 2.379) | -0.213 (+/- 3.011) | -0.638 (+/- 0.558) | -0.533 (+/- 0.313) | -0.706 (+/- 1.332) | -0.277 (+/- 2.024) | -0.626 (+/- 0.509) | -0.65 (+/- 5.46) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.889 (+/- 8.22) | 23.842 (+/- 8.348) | 23.333 (+/- 8.835) | 21.542 (+/- 9.125) | 21.812 (+/- 9.712) | 21.16 (+/- 9.301) | 24.322 (+/- 7.632) | 21.14 (+/- 10.339) | 20.47 (+/- 10.473) | 21.474 (+/- 8.822) | 22.731 (+/- 8.922) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.358 (+/- 0.266) | 0.38 (+/- 0.182) | 0.324 (+/- 0.178) | 0.388 (+/- 0.251) | 0.351 (+/- 0.392) | 0.375 (+/- 0.205) | 0.371 (+/- 0.196) | 0.343 (+/- 0.244) | 0.389 (+/- 0.37) | 0.367 (+/- 0.199) | 0.368 (+/- 0.235) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.026 (+/- 0.032) | 0.047 (+/- 0.034) | 0.022 (+/- 0.034) | 0.044 (+/- 0.035) | 0.028 (+/- 0.033) | 0.044 (+/- 0.037) | 0.026 (+/- 0.04) | 0.037 (+/- 0.034) | 0.032 (+/- 0.041) | 0.043 (+/- 0.03) | 0.038 (+/- 0.035) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 1.029 (+/- 13.676) | 0.691 (+/- 6.569) | 4.102 (+/- 53.258) | 1.074 (+/- 13.156) | -1.835 (+/- 19.867) | 0.479 (+/- 2.886) | 1.245 (+/- 3.295) | 0.745 (+/- 3.172) | 1.629 (+/- 5.987) | 0.626 (+/- 1.456) | 1.098 (+/- 20.671) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.015 (+/- 0.011) | -0.015 (+/- 0.012) | -0.014 (+/- 0.012) | -0.013 (+/- 0.011) | -0.013 (+/- 0.013) | -0.014 (+/- 0.013) | -0.014 (+/- 0.011) | -0.013 (+/- 0.012) | -0.012 (+/- 0.016) | -0.014 (+/- 0.011) | -0.014 (+/- 0.012) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.927 (+/- 20.198) | -1.175 (+/- 6.169) | -1.031 (+/- 10.637) | -0.243 (+/- 8.69) | -0.16 (+/- 12.761) | 1.553 (+/- 29.975) | -1.019 (+/- 4.689) | 0.696 (+/- 18.037) | -3.024 (+/- 8.795) | -1.061 (+/- 2.373) | -0.715 (+/- 14.522) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.833 (+/- 5.853) | -8.714 (+/- 5.863) | -9.569 (+/- 5.858) | -8.774 (+/- 6.217) | -8.519 (+/- 6.094) | -8.398 (+/- 6.259) | -9.607 (+/- 5.824) | -9.427 (+/- 6.505) | -8.776 (+/- 6.251) | -8.175 (+/- 6.351) | -8.823 (+/- 6.038) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.735 (+/- 7.089) | 17.308 (+/- 7.182) | 18.595 (+/- 7.083) | 17.387 (+/- 7.449) | 17.3 (+/- 7.629) | 17.051 (+/- 7.65) | 18.454 (+/- 7.542) | 18.399 (+/- 7.902) | 18.393 (+/- 7.31) | 16.99 (+/- 7.636) | 17.58 (+/- 7.346) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.015 (+/- 0.035) | 0.022 (+/- 0.037) | 0.011 (+/- 0.035) | 0.022 (+/- 0.037) | 0.019 (+/- 0.038) | 0.028 (+/- 0.042) | 0.01 (+/- 0.042) | 0.016 (+/- 0.037) | 0.024 (+/- 0.045) | 0.021 (+/- 0.035) | 0.019 (+/- 0.037) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.011 (+/- 0.012) | 0.01 (+/- 0.013) | 0.009 (+/- 0.012) | 0.01 (+/- 0.013) | 0.012 (+/- 0.013) | 0.011 (+/- 0.015) | 0.007 (+/- 0.01) | 0.008 (+/- 0.01) | 0.012 (+/- 0.012) | 0.011 (+/- 0.013) | 0.01 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 3.432 (+/- 1.945) | 3.325 (+/- 1.716) | 3.523 (+/- 2.396) | 3.539 (+/- 2.174) | 3.154 (+/- 1.75) | 3.356 (+/- 2.16) | 3.058 (+/- 1.404) | 3.383 (+/- 2.044) | 3.271 (+/- 2.124) | 3.224 (+/- 2.227) | 3.395 (+/- 2.011) |
| VoicedSegmentsPerSec  (opensmile\_features) | 2.01 (+/- 0.947) | 2.207 (+/- 1.002) | 1.97 (+/- 1.032) | 2.101 (+/- 1.113) | 1.822 (+/- 1.045) | 1.963 (+/- 1.156) | 2.022 (+/- 0.99) | 1.927 (+/- 1.084) | 1.785 (+/- 1.198) | 2.004 (+/- 1.08) | 2.056 (+/- 1.052) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.135 (+/- 0.068) | 0.148 (+/- 0.084) | 0.13 (+/- 0.068) | 0.142 (+/- 0.081) | 0.129 (+/- 0.081) | 0.148 (+/- 0.095) | 0.144 (+/- 0.072) | 0.148 (+/- 0.202) | 0.119 (+/- 0.071) | 0.144 (+/- 0.069) | 0.141 (+/- 0.09) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.101 (+/- 0.054) | 0.111 (+/- 0.082) | 0.106 (+/- 0.072) | 0.108 (+/- 0.063) | 0.098 (+/- 0.07) | 0.115 (+/- 0.115) | 0.119 (+/- 0.071) | 0.1 (+/- 0.057) | 0.097 (+/- 0.06) | 0.117 (+/- 0.062) | 0.107 (+/- 0.075) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.696 (+/- 1.605) | 0.603 (+/- 1.554) | 0.747 (+/- 1.608) | 0.748 (+/- 1.71) | 0.976 (+/- 2.111) | 0.846 (+/- 1.978) | 0.551 (+/- 0.625) | 0.836 (+/- 2.004) | 0.849 (+/- 1.595) | 0.627 (+/- 1.008) | 0.715 (+/- 1.668) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.504 (+/- 0.556) | 0.445 (+/- 0.586) | 0.539 (+/- 0.731) | 0.412 (+/- 0.459) | 0.613 (+/- 0.801) | 0.473 (+/- 0.56) | 0.776 (+/- 0.861) | 0.491 (+/- 0.603) | 0.522 (+/- 0.628) | 0.542 (+/- 0.723) | 0.482 (+/- 0.603) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 4.778 (+/- 2.119) | 4.979 (+/- 1.941) | 5.045 (+/- 2.575) | 4.831 (+/- 2.428) | 4.724 (+/- 2.72) | 4.445 (+/- 2.287) | 5.036 (+/- 1.865) | 4.486 (+/- 2.197) | 3.94 (+/- 2.31) | 4.625 (+/- 2.38) | 4.809 (+/- 2.26) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 6.661 (+/- 2.919) | 6.802 (+/- 2.72) | 7.022 (+/- 3.4) | 6.504 (+/- 3.204) | 6.861 (+/- 3.354) | 6.127 (+/- 2.985) | 7.869 (+/- 3.561) | 6.445 (+/- 3.256) | 5.71 (+/- 3.414) | 6.617 (+/- 3.588) | 6.66 (+/- 3.085) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 1.883 (+/- 2.165) | 1.823 (+/- 1.843) | 1.977 (+/- 2.071) | 1.673 (+/- 1.657) | 2.137 (+/- 2.016) | 1.682 (+/- 1.655) | 2.832 (+/- 2.829) | 1.959 (+/- 2.214) | 1.77 (+/- 2.116) | 1.992 (+/- 2.278) | 1.851 (+/- 1.95) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.252 (+/- 0.193) | 0.243 (+/- 0.18) | 0.253 (+/- 0.201) | 0.232 (+/- 0.187) | 0.299 (+/- 0.214) | 0.249 (+/- 0.205) | 0.313 (+/- 0.206) | 0.271 (+/- 0.223) | 0.268 (+/- 0.235) | 0.255 (+/- 0.209) | 0.25 (+/- 0.195) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.819 (+/- 3.595) | 0.544 (+/- 1.436) | 0.607 (+/- 1.327) | 0.561 (+/- 1.873) | 0.877 (+/- 1.977) | 0.615 (+/- 1.373) | 0.651 (+/- 0.689) | 0.978 (+/- 3.025) | 0.725 (+/- 1.283) | 0.545 (+/- 0.797) | 0.645 (+/- 2.075) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.578 (+/- 0.647) | 0.482 (+/- 0.427) | 0.509 (+/- 0.474) | 0.47 (+/- 0.471) | 0.651 (+/- 0.597) | 0.614 (+/- 0.719) | 0.606 (+/- 0.379) | 0.596 (+/- 0.598) | 0.666 (+/- 0.766) | 0.569 (+/- 0.622) | 0.534 (+/- 0.547) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.647 (+/- 2.817) | 0.305 (+/- 0.92) | 0.408 (+/- 1.251) | 0.351 (+/- 1.288) | 0.814 (+/- 2.371) | 0.748 (+/- 3.857) | 0.54 (+/- 0.78) | 0.663 (+/- 2.108) | 0.906 (+/- 3.542) | 0.64 (+/- 1.514) | 0.487 (+/- 2.032) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 4.436 (+/- 2.048) | 4.622 (+/- 1.863) | 4.646 (+/- 2.46) | 4.487 (+/- 2.338) | 4.371 (+/- 2.624) | 4.13 (+/- 2.188) | 4.68 (+/- 1.73) | 4.144 (+/- 2.085) | 3.603 (+/- 2.264) | 4.264 (+/- 2.258) | 4.459 (+/- 2.169) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 6.042 (+/- 2.826) | 6.169 (+/- 2.665) | 6.473 (+/- 3.389) | 5.948 (+/- 3.167) | 6.105 (+/- 3.376) | 5.538 (+/- 2.866) | 7.488 (+/- 3.591) | 6.024 (+/- 3.212) | 5.046 (+/- 3.286) | 6.132 (+/- 3.425) | 6.069 (+/- 3.029) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 1.606 (+/- 2.054) | 1.547 (+/- 1.842) | 1.827 (+/- 2.16) | 1.461 (+/- 1.682) | 1.734 (+/- 2.121) | 1.408 (+/- 1.56) | 2.808 (+/- 2.946) | 1.88 (+/- 2.282) | 1.443 (+/- 2.075) | 1.868 (+/- 2.17) | 1.611 (+/- 1.947) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.225 (+/- 0.21) | 0.216 (+/- 0.192) | 0.241 (+/- 0.218) | 0.209 (+/- 0.194) | 0.248 (+/- 0.231) | 0.218 (+/- 0.207) | 0.305 (+/- 0.222) | 0.261 (+/- 0.238) | 0.215 (+/- 0.21) | 0.244 (+/- 0.208) | 0.225 (+/- 0.206) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.791 (+/- 3.118) | 0.516 (+/- 1.482) | 0.687 (+/- 1.888) | 0.479 (+/- 1.292) | 0.887 (+/- 2.638) | 0.511 (+/- 1.246) | 0.676 (+/- 0.807) | 1.044 (+/- 3.518) | 0.457 (+/- 0.774) | 0.551 (+/- 0.961) | 0.615 (+/- 1.998) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.581 (+/- 0.635) | 0.49 (+/- 0.483) | 0.538 (+/- 0.503) | 0.482 (+/- 0.506) | 0.642 (+/- 0.645) | 0.539 (+/- 0.625) | 0.571 (+/- 0.387) | 0.576 (+/- 0.57) | 0.595 (+/- 0.438) | 0.573 (+/- 0.643) | 0.532 (+/- 0.552) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.696 (+/- 2.834) | 0.36 (+/- 0.859) | 0.507 (+/- 1.453) | 0.412 (+/- 1.4) | 0.815 (+/- 2.239) | 0.464 (+/- 1.287) | 0.742 (+/- 1.132) | 0.65 (+/- 2.02) | 0.638 (+/- 1.78) | 0.774 (+/- 1.752) | 0.511 (+/- 1.687) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 3.904 (+/- 2.028) | 4.01 (+/- 1.844) | 4.018 (+/- 2.439) | 3.826 (+/- 2.34) | 3.709 (+/- 2.735) | 3.514 (+/- 2.067) | 4.018 (+/- 1.689) | 3.58 (+/- 1.999) | 3.099 (+/- 2.25) | 3.635 (+/- 2.024) | 3.851 (+/- 2.14) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 5.233 (+/- 2.68) | 5.491 (+/- 2.643) | 5.671 (+/- 3.365) | 5.187 (+/- 3.145) | 5.324 (+/- 3.448) | 4.703 (+/- 2.752) | 6.07 (+/- 3.043) | 5.05 (+/- 2.943) | 4.229 (+/- 2.722) | 5.37 (+/- 3.118) | 5.291 (+/- 2.943) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 1.329 (+/- 1.635) | 1.481 (+/- 1.768) | 1.652 (+/- 2.039) | 1.361 (+/- 1.689) | 1.615 (+/- 1.991) | 1.189 (+/- 1.395) | 2.052 (+/- 2.335) | 1.47 (+/- 1.821) | 1.13 (+/- 1.144) | 1.735 (+/- 1.96) | 1.441 (+/- 1.764) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.213 (+/- 0.203) | 0.225 (+/- 0.199) | 0.232 (+/- 0.213) | 0.216 (+/- 0.21) | 0.25 (+/- 0.254) | 0.198 (+/- 0.202) | 0.28 (+/- 0.224) | 0.23 (+/- 0.229) | 0.227 (+/- 0.24) | 0.267 (+/- 0.223) | 0.223 (+/- 0.211) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.621 (+/- 2.622) | 0.534 (+/- 1.414) | 0.764 (+/- 3.735) | 0.549 (+/- 1.398) | 1.131 (+/- 3.287) | 0.443 (+/- 1.113) | 0.612 (+/- 0.766) | 0.767 (+/- 2.119) | 0.808 (+/- 2.191) | 0.6 (+/- 0.857) | 0.613 (+/- 2.137) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.559 (+/- 0.781) | 0.439 (+/- 0.509) | 0.521 (+/- 0.76) | 0.451 (+/- 0.582) | 0.652 (+/- 0.8) | 0.531 (+/- 0.654) | 0.668 (+/- 0.564) | 0.568 (+/- 0.929) | 0.678 (+/- 0.818) | 0.695 (+/- 1.067) | 0.512 (+/- 0.687) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.686 (+/- 2.246) | 0.446 (+/- 1.182) | 0.727 (+/- 3.143) | 0.498 (+/- 1.557) | 1.076 (+/- 3.237) | 0.571 (+/- 1.445) | 1.286 (+/- 2.29) | 0.97 (+/- 3.932) | 0.815 (+/- 1.929) | 1.205 (+/- 4.123) | 0.641 (+/- 2.242) |
| UtteranceNumber  (pause\_features) | 3.399 (+/- 2.38) | 3.547 (+/- 2.292) | 3.811 (+/- 3.22) | 3.799 (+/- 2.813) | 3.447 (+/- 2.268) | 3.466 (+/- 2.468) | 3.882 (+/- 3.085) | 3.369 (+/- 2.12) | 3.375 (+/- 1.654) | 3.82 (+/- 2.414) | 3.588 (+/- 2.567) |
| PauseNumber  (pause\_features) | 2.407 (+/- 2.371) | 2.569 (+/- 2.263) | 2.843 (+/- 3.186) | 2.826 (+/- 2.78) | 2.461 (+/- 2.25) | 2.472 (+/- 2.46) | 2.882 (+/- 3.085) | 2.393 (+/- 2.087) | 2.375 (+/- 1.654) | 2.82 (+/- 2.414) | 2.607 (+/- 2.544) |
| AveragePauseLength  (pause\_features) | 0.597 (+/- 0.869) | 0.496 (+/- 0.525) | 0.536 (+/- 0.59) | 0.487 (+/- 0.656) | 0.583 (+/- 0.525) | 0.545 (+/- 0.542) | 0.956 (+/- 1.504) | 0.546 (+/- 0.472) | 0.697 (+/- 1.018) | 0.717 (+/- 1.002) | 0.546 (+/- 0.69) |
| StdPauseLength  (pause\_features) | 0.243 (+/- 0.35) | 0.268 (+/- 0.403) | 0.284 (+/- 0.431) | 0.239 (+/- 0.318) | 0.258 (+/- 0.284) | 0.267 (+/- 0.401) | 0.485 (+/- 0.692) | 0.297 (+/- 0.43) | 0.209 (+/- 0.229) | 0.255 (+/- 0.363) | 0.264 (+/- 0.386) |
| TimeToFirstPhonation  (pause\_features) | 0.578 (+/- 0.749) | 0.616 (+/- 0.754) | 0.566 (+/- 0.741) | 0.539 (+/- 0.645) | 0.65 (+/- 0.723) | 0.693 (+/- 1.002) | 0.436 (+/- 0.749) | 0.556 (+/- 1.379) | 0.35 (+/- 0.579) | 0.408 (+/- 0.908) | 0.583 (+/- 0.805) |
| TimeToLastPhonation  (pause\_features) | 6.65 (+/- 2.343) | 6.856 (+/- 2.381) | 6.983 (+/- 3.159) | 6.739 (+/- 2.841) | 6.868 (+/- 3.036) | 6.709 (+/- 2.341) | 7.684 (+/- 3.093) | 6.511 (+/- 2.54) | 6.571 (+/- 2.496) | 7.131 (+/- 2.953) | 6.804 (+/- 2.65) |
| UtterancePerMin  (pause\_features) | 26.602 (+/- 14.268) | 27.279 (+/- 15.267) | 26.955 (+/- 16.885) | 29.615 (+/- 18.521) | 26.325 (+/- 15.952) | 27.573 (+/- 16.724) | 26.01 (+/- 15.949) | 27.548 (+/- 16.879) | 29.701 (+/- 18.174) | 27.282 (+/- 11.508) | 27.517 (+/- 16.261) |
| WordsPerMin  (pause\_features) | 132.492 (+/- 47.822) | 130.416 (+/- 43.085) | 126.906 (+/- 51.906) | 130.212 (+/- 45.779) | 122.065 (+/- 49.872) | 129.471 (+/- 46.041) | 116.056 (+/- 55.585) | 132.41 (+/- 37.919) | 118.614 (+/- 48.542) | 123.241 (+/- 44.121) | 129.218 (+/- 46.303) |
| Duration  (pause\_features) | 7.612 (+/- 2.662) | 7.768 (+/- 2.404) | 8.183 (+/- 3.197) | 7.752 (+/- 2.774) | 8.33 (+/- 3.378) | 7.683 (+/- 2.625) | 9.155 (+/- 3.656) | 7.623 (+/- 2.607) | 7.756 (+/- 3.088) | 8.577 (+/- 3.373) | 7.856 (+/- 2.782) |