|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=335) | Twenties Female (18-29)   (N=606) | Thirties Male (30-39)   (N=258) | Thirties Female (30-39)   (N=437) | Fourties Male (40-49)   (N=105) | Fourties Female (40-49)   (N=214) | Fifties Male (50-59)   (N=40) | Fifties Female (50-59)   (N=123) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=81) | All (average)   (N=2261) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.382 (+/- 6.588) | 32.89 (+/- 5.973) | 24.502 (+/- 6.583) | 31.585 (+/- 7.749) | 24.74 (+/- 6.353) | 31.42 (+/- 6.96) | 25.814 (+/- 4.255) | 31.662 (+/- 5.193) | 26.323 (+/- 6.531) | 31.205 (+/- 6.247) | 29.512 (+/- 7.507) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.162 (+/- 0.126) | 0.122 (+/- 0.091) | 0.158 (+/- 0.12) | 0.112 (+/- 0.082) | 0.163 (+/- 0.115) | 0.124 (+/- 0.096) | 0.176 (+/- 0.13) | 0.121 (+/- 0.082) | 0.208 (+/- 0.14) | 0.135 (+/- 0.091) | 0.135 (+/- 0.104) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 21.849 (+/- 6.006) | 30.679 (+/- 6.702) | 21.959 (+/- 6.303) | 29.395 (+/- 7.937) | 21.952 (+/- 5.282) | 29.052 (+/- 7.166) | 23.035 (+/- 3.43) | 29.444 (+/- 5.497) | 22.328 (+/- 5.601) | 28.603 (+/- 6.373) | 27.124 (+/- 7.671) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.686 (+/- 6.719) | 32.897 (+/- 6.095) | 23.71 (+/- 6.426) | 31.504 (+/- 7.668) | 24.041 (+/- 7.017) | 31.181 (+/- 7.089) | 24.556 (+/- 3.726) | 31.459 (+/- 5.639) | 25.222 (+/- 6.719) | 30.688 (+/- 6.528) | 29.175 (+/- 7.738) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.043 (+/- 7.913) | 35.12 (+/- 6.392) | 26.415 (+/- 8.004) | 33.546 (+/- 8.307) | 26.879 (+/- 8.788) | 33.53 (+/- 7.672) | 28.6 (+/- 8.715) | 33.865 (+/- 5.208) | 28.286 (+/- 8.71) | 33.372 (+/- 6.325) | 31.547 (+/- 8.371) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.194 (+/- 5.099) | 4.44 (+/- 4.933) | 4.456 (+/- 5.128) | 4.151 (+/- 4.302) | 4.927 (+/- 6.347) | 4.479 (+/- 4.743) | 5.565 (+/- 7.728) | 4.422 (+/- 3.225) | 5.958 (+/- 6.027) | 4.768 (+/- 3.415) | 4.423 (+/- 4.875) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 199.039 (+/- 339.932) | 189.955 (+/- 303.324) | 196.929 (+/- 369.253) | 158.476 (+/- 246.668) | 213.198 (+/- 381.834) | 159.685 (+/- 200.063) | 171.981 (+/- 226.347) | 172.172 (+/- 257.793) | 261.549 (+/- 235.902) | 211.86 (+/- 420.99) | 185.148 (+/- 304.482) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 174.778 (+/- 321.639) | 159.36 (+/- 239.36) | 186.89 (+/- 294.462) | 146.953 (+/- 219.437) | 195.914 (+/- 317.552) | 167.112 (+/- 257.196) | 201.351 (+/- 306.831) | 173.871 (+/- 260.552) | 243.938 (+/- 306.267) | 195.757 (+/- 245.529) | 170.006 (+/- 268.171) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 66.242 (+/- 132.88) | 61.516 (+/- 107.217) | 83.784 (+/- 192.339) | 68.572 (+/- 140.872) | 80.876 (+/- 148.739) | 62.841 (+/- 89.504) | 119.101 (+/- 222.148) | 63.181 (+/- 116.616) | 126.256 (+/- 219.721) | 73.244 (+/- 126.233) | 69.726 (+/- 136.837) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 68.183 (+/- 154.179) | 69.906 (+/- 156.315) | 82.719 (+/- 183.502) | 81.926 (+/- 187.105) | 92.535 (+/- 196.787) | 69.6 (+/- 152.6) | 136.72 (+/- 296.707) | 64.782 (+/- 135.538) | 148.395 (+/- 257.418) | 84.275 (+/- 153.066) | 77.184 (+/- 171.693) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.272 (+/- 0.199) | 0.289 (+/- 0.267) | 0.322 (+/- 0.238) | 0.315 (+/- 0.274) | 0.267 (+/- 0.229) | 0.319 (+/- 0.259) | 0.346 (+/- 0.23) | 0.318 (+/- 0.253) | 0.268 (+/- 0.177) | 0.312 (+/- 0.21) | 0.3 (+/- 0.249) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 1.066 (+/- 0.46) | 1.09 (+/- 0.454) | 1.001 (+/- 0.427) | 1.02 (+/- 0.425) | 1.04 (+/- 0.449) | 1.108 (+/- 0.435) | 0.945 (+/- 0.283) | 1.115 (+/- 0.4) | 1.093 (+/- 0.526) | 1.151 (+/- 0.44) | 1.064 (+/- 0.443) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.076 (+/- 0.088) | 0.082 (+/- 0.113) | 0.106 (+/- 0.124) | 0.089 (+/- 0.115) | 0.085 (+/- 0.109) | 0.085 (+/- 0.109) | 0.116 (+/- 0.108) | 0.084 (+/- 0.081) | 0.078 (+/- 0.106) | 0.074 (+/- 0.066) | 0.086 (+/- 0.108) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.153 (+/- 0.153) | 0.169 (+/- 0.212) | 0.199 (+/- 0.191) | 0.193 (+/- 0.232) | 0.16 (+/- 0.184) | 0.176 (+/- 0.192) | 0.19 (+/- 0.159) | 0.166 (+/- 0.189) | 0.158 (+/- 0.157) | 0.16 (+/- 0.158) | 0.175 (+/- 0.198) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.433 (+/- 0.343) | 0.467 (+/- 0.466) | 0.513 (+/- 0.401) | 0.52 (+/- 0.477) | 0.41 (+/- 0.379) | 0.523 (+/- 0.479) | 0.56 (+/- 0.424) | 0.539 (+/- 0.487) | 0.419 (+/- 0.3) | 0.525 (+/- 0.414) | 0.487 (+/- 0.439) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.357 (+/- 0.309) | 0.385 (+/- 0.401) | 0.407 (+/- 0.357) | 0.431 (+/- 0.427) | 0.325 (+/- 0.345) | 0.438 (+/- 0.442) | 0.443 (+/- 0.403) | 0.455 (+/- 0.447) | 0.341 (+/- 0.279) | 0.451 (+/- 0.399) | 0.401 (+/- 0.392) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 4.87 (+/- 3.655) | 5.223 (+/- 4.505) | 5.66 (+/- 4.176) | 5.655 (+/- 4.937) | 4.888 (+/- 3.797) | 6.121 (+/- 5.068) | 6.179 (+/- 5.128) | 6.174 (+/- 5.294) | 4.749 (+/- 3.359) | 5.72 (+/- 3.922) | 5.457 (+/- 4.496) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.171 (+/- 2.437) | 3.542 (+/- 3.136) | 3.854 (+/- 3.427) | 3.623 (+/- 3.228) | 3.387 (+/- 3.052) | 4.137 (+/- 4.044) | 3.976 (+/- 3.312) | 3.886 (+/- 3.254) | 3.255 (+/- 2.267) | 3.591 (+/- 2.227) | 3.614 (+/- 3.162) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.143 (+/- 3.117) | 4.233 (+/- 3.889) | 4.93 (+/- 3.563) | 4.505 (+/- 4.023) | 4.12 (+/- 3.611) | 5.084 (+/- 4.147) | 5.384 (+/- 4.108) | 4.905 (+/- 4.123) | 4.126 (+/- 3.012) | 4.815 (+/- 3.17) | 4.507 (+/- 3.773) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.648 (+/- 2.154) | 2.921 (+/- 2.591) | 3.305 (+/- 2.444) | 3.033 (+/- 2.76) | 2.831 (+/- 2.422) | 3.35 (+/- 2.911) | 3.543 (+/- 2.41) | 3.299 (+/- 2.714) | 2.823 (+/- 2.252) | 3.12 (+/- 1.937) | 3.028 (+/- 2.566) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.029 (+/- 0.018) | 0.028 (+/- 0.018) | 0.031 (+/- 0.017) | 0.025 (+/- 0.013) | 0.028 (+/- 0.013) | 0.026 (+/- 0.013) | 0.032 (+/- 0.014) | 0.028 (+/- 0.016) | 0.036 (+/- 0.017) | 0.026 (+/- 0.01) | 0.028 (+/- 0.016) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.073 (+/- 0.518) | 1.386 (+/- 0.574) | 1.114 (+/- 0.502) | 1.342 (+/- 0.636) | 1.125 (+/- 0.557) | 1.282 (+/- 0.538) | 1.129 (+/- 0.391) | 1.29 (+/- 0.491) | 1.238 (+/- 0.532) | 1.276 (+/- 0.436) | 1.261 (+/- 0.567) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.311 (+/- 0.492) | 1.124 (+/- 0.374) | 1.312 (+/- 0.461) | 1.133 (+/- 0.381) | 1.326 (+/- 0.476) | 1.159 (+/- 0.357) | 1.4 (+/- 0.289) | 1.161 (+/- 0.297) | 1.435 (+/- 0.443) | 1.19 (+/- 0.35) | 1.203 (+/- 0.416) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.797 (+/- 0.25) | 0.891 (+/- 0.237) | 0.794 (+/- 0.255) | 0.846 (+/- 0.261) | 0.801 (+/- 0.216) | 0.828 (+/- 0.243) | 0.78 (+/- 0.133) | 0.821 (+/- 0.201) | 0.75 (+/- 0.212) | 0.84 (+/- 0.25) | 0.838 (+/- 0.246) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.201 (+/- 2.143) | 7.732 (+/- 2.394) | 4.132 (+/- 2.083) | 6.999 (+/- 2.49) | 4.106 (+/- 1.879) | 6.747 (+/- 2.342) | 4.186 (+/- 1.603) | 7.044 (+/- 1.874) | 3.912 (+/- 1.677) | 6.505 (+/- 2.125) | 6.175 (+/- 2.717) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.619 (+/- 1.094) | 0.113 (+/- 11.251) | -2.643 (+/- 52.241) | 0.506 (+/- 0.541) | 0.692 (+/- 1.978) | 0.527 (+/- 0.488) | 0.687 (+/- 0.466) | 0.474 (+/- 0.22) | 0.831 (+/- 0.65) | 0.521 (+/- 0.281) | 0.076 (+/- 18.622) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.823 (+/- 6.111) | 5.877 (+/- 6.313) | 3.702 (+/- 6.775) | 4.63 (+/- 7.311) | 3.966 (+/- 6.416) | 3.978 (+/- 6.362) | 1.905 (+/- 9.764) | 4.585 (+/- 5.789) | 2.022 (+/- 5.433) | 4.669 (+/- 6.082) | 4.705 (+/- 6.627) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 0.701 (+/- 11.955) | 0.071 (+/- 30.513) | 0.649 (+/- 11.546) | 1.044 (+/- 10.793) | 3.358 (+/- 20.133) | -4.032 (+/- 103.838) | -1.023 (+/- 17.408) | -0.408 (+/- 25.265) | -13.098 (+/- 72.717) | 5.173 (+/- 24.934) | 0.117 (+/- 38.774) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 20.374 (+/- 9.447) | 20.292 (+/- 8.161) | 18.991 (+/- 9.002) | 18.319 (+/- 8.443) | 19.459 (+/- 9.518) | 18.195 (+/- 7.566) | 18.511 (+/- 12.401) | 20.09 (+/- 6.832) | 17.339 (+/- 10.71) | 19.793 (+/- 8.561) | 19.409 (+/- 8.662) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.566 (+/- 2.933) | 0.643 (+/- 5.097) | 0.796 (+/- 2.34) | 0.669 (+/- 2.798) | 0.578 (+/- 0.801) | 0.53 (+/- 2.75) | 1.277 (+/- 4.939) | 0.65 (+/- 0.475) | 0.973 (+/- 1.88) | 0.819 (+/- 2.214) | 0.672 (+/- 3.466) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 566.887 (+/- 151.281) | 677.161 (+/- 120.83) | 578.795 (+/- 154.43) | 647.157 (+/- 157.528) | 570.08 (+/- 141.337) | 664.115 (+/- 147.738) | 593.096 (+/- 109.78) | 659.514 (+/- 110.885) | 593.54 (+/- 137.755) | 652.131 (+/- 121.24) | 632.362 (+/- 147.306) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.273 (+/- 0.088) | 0.221 (+/- 0.068) | 0.279 (+/- 0.088) | 0.224 (+/- 0.074) | 0.29 (+/- 0.084) | 0.228 (+/- 0.076) | 0.299 (+/- 0.07) | 0.235 (+/- 0.057) | 0.328 (+/- 0.079) | 0.244 (+/- 0.06) | 0.245 (+/- 0.081) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1354.558 (+/- 297.229) | 1341.726 (+/- 221.241) | 1367.595 (+/- 278.522) | 1334.756 (+/- 304.941) | 1371.116 (+/- 256.944) | 1347.191 (+/- 278.487) | 1408.551 (+/- 111.095) | 1379.455 (+/- 192.362) | 1376.953 (+/- 246.801) | 1384.987 (+/- 232.83) | 1352.389 (+/- 264.334) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.148 (+/- 0.06) | 0.159 (+/- 0.055) | 0.153 (+/- 0.063) | 0.15 (+/- 0.053) | 0.16 (+/- 0.065) | 0.154 (+/- 0.053) | 0.163 (+/- 0.069) | 0.155 (+/- 0.048) | 0.166 (+/- 0.059) | 0.152 (+/- 0.045) | 0.154 (+/- 0.057) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -151.385 (+/- 27.259) | -145.527 (+/- 27.352) | -149.793 (+/- 30.181) | -143.863 (+/- 30.277) | -151.815 (+/- 32.077) | -147.188 (+/- 29.213) | -150.009 (+/- 22.372) | -144.441 (+/- 29.739) | -151.698 (+/- 29.515) | -142.972 (+/- 26.521) | -147.094 (+/- 28.858) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.529 (+/- 0.221) | -0.572 (+/- 0.211) | -0.54 (+/- 0.239) | -0.588 (+/- 0.252) | -0.522 (+/- 0.234) | -0.564 (+/- 0.236) | -0.549 (+/- 0.164) | -0.586 (+/- 0.227) | -0.524 (+/- 0.212) | -0.603 (+/- 0.214) | -0.562 (+/- 0.229) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1483.315 (+/- 325.95) | 1649.194 (+/- 262.026) | 1496.548 (+/- 304.479) | 1576.011 (+/- 354.955) | 1494.713 (+/- 277.695) | 1591.071 (+/- 324.51) | 1538.115 (+/- 111.837) | 1612.519 (+/- 218.458) | 1508.709 (+/- 269.264) | 1582.35 (+/- 266.14) | 1570.833 (+/- 307.036) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.122 (+/- 0.042) | 0.118 (+/- 0.034) | 0.124 (+/- 0.039) | 0.114 (+/- 0.036) | 0.127 (+/- 0.037) | 0.117 (+/- 0.037) | 0.135 (+/- 0.035) | 0.12 (+/- 0.028) | 0.143 (+/- 0.041) | 0.12 (+/- 0.03) | 0.12 (+/- 0.037) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -152.534 (+/- 26.202) | -145.907 (+/- 26.441) | -151.202 (+/- 28.97) | -144.313 (+/- 29.636) | -153.168 (+/- 30.904) | -147.535 (+/- 28.753) | -150.903 (+/- 22.093) | -145.429 (+/- 28.483) | -150.918 (+/- 29.193) | -143.323 (+/- 26.059) | -147.776 (+/- 28.037) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.5 (+/- 0.201) | -0.543 (+/- 0.19) | -0.506 (+/- 0.214) | -0.56 (+/- 0.236) | -0.491 (+/- 0.21) | -0.538 (+/- 0.216) | -0.523 (+/- 0.155) | -0.55 (+/- 0.196) | -0.511 (+/- 0.199) | -0.576 (+/- 0.2) | -0.533 (+/- 0.209) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2396.666 (+/- 510.133) | 2562.215 (+/- 394.165) | 2410.133 (+/- 468.993) | 2464.101 (+/- 547.288) | 2414.371 (+/- 428.556) | 2484.435 (+/- 497.682) | 2488.857 (+/- 107.006) | 2539.983 (+/- 338.276) | 2429.785 (+/- 418.868) | 2510.444 (+/- 409.733) | 2479.56 (+/- 466.129) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.076 (+/- 0.026) | 0.08 (+/- 0.023) | 0.075 (+/- 0.024) | 0.078 (+/- 0.025) | 0.079 (+/- 0.024) | 0.082 (+/- 0.026) | 0.081 (+/- 0.024) | 0.086 (+/- 0.023) | 0.088 (+/- 0.024) | 0.082 (+/- 0.023) | 0.079 (+/- 0.025) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -153.917 (+/- 25.421) | -147.061 (+/- 25.825) | -152.334 (+/- 28.386) | -145.529 (+/- 29.106) | -154.399 (+/- 30.341) | -148.865 (+/- 27.916) | -152.123 (+/- 21.747) | -146.851 (+/- 27.64) | -152.307 (+/- 28.438) | -145.084 (+/- 25.407) | -149.035 (+/- 27.392) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.479 (+/- 0.19) | -0.525 (+/- 0.18) | -0.489 (+/- 0.205) | -0.54 (+/- 0.222) | -0.471 (+/- 0.2) | -0.517 (+/- 0.203) | -0.504 (+/- 0.15) | -0.528 (+/- 0.187) | -0.489 (+/- 0.188) | -0.549 (+/- 0.188) | -0.513 (+/- 0.198) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -13.57 (+/- 6.192) | -14.228 (+/- 5.844) | -13.246 (+/- 5.881) | -11.945 (+/- 5.844) | -12.974 (+/- 6.301) | -11.465 (+/- 5.739) | -13.253 (+/- 5.335) | -12.865 (+/- 5.66) | -12.23 (+/- 7.049) | -12.145 (+/- 5.5) | -13.036 (+/- 5.976) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -1.496 (+/- 12.654) | -0.588 (+/- 3.563) | 0.083 (+/- 6.803) | -0.993 (+/- 3.811) | -0.62 (+/- 0.992) | -0.684 (+/- 1.497) | -1.068 (+/- 2.58) | -0.713 (+/- 1.348) | -1.776 (+/- 7.767) | -0.849 (+/- 0.682) | -0.816 (+/- 6.309) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.129 (+/- 8.053) | 23.523 (+/- 7.282) | 22.53 (+/- 7.422) | 21.333 (+/- 7.851) | 22.796 (+/- 7.953) | 21.347 (+/- 7.397) | 23.641 (+/- 6.703) | 23.297 (+/- 7.046) | 22.943 (+/- 8.422) | 22.644 (+/- 7.123) | 22.614 (+/- 7.616) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.385 (+/- 0.266) | 0.432 (+/- 0.882) | 0.417 (+/- 0.524) | 0.452 (+/- 0.253) | 0.446 (+/- 0.595) | 0.47 (+/- 0.298) | 0.455 (+/- 0.44) | 0.442 (+/- 0.21) | 0.462 (+/- 0.309) | 0.448 (+/- 0.214) | 0.434 (+/- 0.546) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.02 (+/- 0.031) | 0.044 (+/- 0.033) | 0.02 (+/- 0.032) | 0.044 (+/- 0.033) | 0.025 (+/- 0.033) | 0.045 (+/- 0.035) | 0.022 (+/- 0.036) | 0.037 (+/- 0.031) | 0.034 (+/- 0.04) | 0.044 (+/- 0.031) | 0.036 (+/- 0.034) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 13.92 (+/- 226.028) | 0.41 (+/- 2.678) | 0.583 (+/- 11.369) | 0.335 (+/- 3.548) | 2.836 (+/- 29.075) | -0.887 (+/- 13.043) | 0.922 (+/- 5.422) | 0.212 (+/- 1.65) | -0.629 (+/- 5.336) | 1.122 (+/- 5.642) | 2.413 (+/- 87.577) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.012 (+/- 0.011) | -0.015 (+/- 0.011) | -0.012 (+/- 0.011) | -0.015 (+/- 0.011) | -0.011 (+/- 0.011) | -0.015 (+/- 0.012) | -0.013 (+/- 0.011) | -0.015 (+/- 0.011) | -0.012 (+/- 0.014) | -0.015 (+/- 0.011) | -0.014 (+/- 0.011) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.414 (+/- 9.794) | -3.56 (+/- 47.571) | -1.241 (+/- 4.24) | -2.055 (+/- 15.425) | -2.34 (+/- 9.544) | -0.79 (+/- 6.403) | -9.033 (+/- 48.211) | -1.776 (+/- 7.129) | -1.524 (+/- 7.164) | -1.858 (+/- 4.144) | -2.248 (+/- 26.907) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.759 (+/- 6.321) | -8.386 (+/- 5.97) | -9.426 (+/- 6.204) | -8.347 (+/- 6.503) | -8.346 (+/- 6.312) | -8.284 (+/- 6.896) | -9.274 (+/- 6.495) | -9.18 (+/- 7.245) | -7.199 (+/- 6.99) | -7.691 (+/- 6.489) | -8.548 (+/- 6.392) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 18.139 (+/- 7.576) | 17.173 (+/- 7.264) | 18.674 (+/- 7.437) | 17.17 (+/- 7.791) | 17.281 (+/- 8.041) | 17.46 (+/- 8.352) | 18.516 (+/- 8.105) | 18.602 (+/- 8.454) | 17.124 (+/- 7.779) | 17.036 (+/- 7.683) | 17.607 (+/- 7.707) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.012 (+/- 0.035) | 0.018 (+/- 0.037) | 0.008 (+/- 0.034) | 0.018 (+/- 0.038) | 0.017 (+/- 0.038) | 0.022 (+/- 0.042) | 0.009 (+/- 0.041) | 0.012 (+/- 0.037) | 0.022 (+/- 0.044) | 0.016 (+/- 0.035) | 0.016 (+/- 0.037) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.013 (+/- 0.013) | 0.013 (+/- 0.014) | 0.01 (+/- 0.013) | 0.012 (+/- 0.014) | 0.013 (+/- 0.014) | 0.012 (+/- 0.013) | 0.007 (+/- 0.01) | 0.01 (+/- 0.01) | 0.015 (+/- 0.013) | 0.013 (+/- 0.014) | 0.012 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 2.299 (+/- 1.428) | 2.146 (+/- 1.292) | 2.288 (+/- 1.421) | 2.344 (+/- 1.623) | 2.098 (+/- 1.029) | 2.0 (+/- 1.213) | 2.16 (+/- 0.886) | 1.954 (+/- 0.986) | 2.199 (+/- 2.13) | 1.81 (+/- 0.776) | 2.19 (+/- 1.397) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.54 (+/- 0.912) | 1.535 (+/- 0.864) | 1.59 (+/- 0.92) | 1.541 (+/- 0.844) | 1.494 (+/- 0.755) | 1.473 (+/- 0.851) | 1.592 (+/- 0.744) | 1.486 (+/- 0.796) | 1.609 (+/- 0.922) | 1.522 (+/- 0.823) | 1.532 (+/- 0.86) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.177 (+/- 0.114) | 0.219 (+/- 0.129) | 0.17 (+/- 0.102) | 0.202 (+/- 0.114) | 0.164 (+/- 0.096) | 0.203 (+/- 0.124) | 0.186 (+/- 0.125) | 0.216 (+/- 0.117) | 0.167 (+/- 0.106) | 0.233 (+/- 0.224) | 0.199 (+/- 0.124) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.114 (+/- 0.089) | 0.126 (+/- 0.09) | 0.127 (+/- 0.11) | 0.136 (+/- 0.11) | 0.121 (+/- 0.112) | 0.125 (+/- 0.084) | 0.129 (+/- 0.066) | 0.131 (+/- 0.095) | 0.154 (+/- 0.196) | 0.154 (+/- 0.201) | 0.128 (+/- 0.105) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.963 (+/- 3.655) | 0.635 (+/- 1.154) | 0.849 (+/- 2.228) | 0.846 (+/- 2.783) | 1.902 (+/- 8.208) | 1.086 (+/- 3.473) | 0.542 (+/- 0.358) | 0.703 (+/- 1.215) | 0.95 (+/- 2.224) | 0.596 (+/- 0.519) | 0.856 (+/- 2.987) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.558 (+/- 0.875) | 0.544 (+/- 0.789) | 0.681 (+/- 0.997) | 0.519 (+/- 0.455) | 0.686 (+/- 0.665) | 0.595 (+/- 0.535) | 0.687 (+/- 0.389) | 0.737 (+/- 1.748) | 0.766 (+/- 0.751) | 0.689 (+/- 0.576) | 0.592 (+/- 0.824) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 5.306 (+/- 6.346) | 5.25 (+/- 6.679) | 8.915 (+/- 12.372) | 6.044 (+/- 7.519) | 8.42 (+/- 11.155) | 5.919 (+/- 7.191) | 9.689 (+/- 11.468) | 4.861 (+/- 4.497) | 7.598 (+/- 8.801) | 7.946 (+/- 9.561) | 6.249 (+/- 8.195) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 8.183 (+/- 10.214) | 8.058 (+/- 10.175) | 12.334 (+/- 15.367) | 8.709 (+/- 10.066) | 12.635 (+/- 15.053) | 9.218 (+/- 9.881) | 14.826 (+/- 16.752) | 7.68 (+/- 7.477) | 11.829 (+/- 11.771) | 12.167 (+/- 13.02) | 9.362 (+/- 11.414) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 2.877 (+/- 5.452) | 2.808 (+/- 4.732) | 3.419 (+/- 5.068) | 2.665 (+/- 3.783) | 4.215 (+/- 6.481) | 3.299 (+/- 4.163) | 5.136 (+/- 7.494) | 2.819 (+/- 4.792) | 4.23 (+/- 4.142) | 4.221 (+/- 5.325) | 3.112 (+/- 4.89) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.343 (+/- 0.199) | 0.348 (+/- 0.187) | 0.314 (+/- 0.206) | 0.321 (+/- 0.194) | 0.355 (+/- 0.192) | 0.356 (+/- 0.193) | 0.357 (+/- 0.162) | 0.35 (+/- 0.186) | 0.345 (+/- 0.176) | 0.348 (+/- 0.175) | 0.339 (+/- 0.193) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.857 (+/- 2.309) | 0.719 (+/- 0.846) | 0.745 (+/- 1.505) | 0.803 (+/- 2.581) | 0.75 (+/- 0.783) | 0.747 (+/- 0.754) | 0.666 (+/- 0.481) | 0.895 (+/- 1.882) | 0.672 (+/- 0.569) | 0.706 (+/- 0.722) | 0.77 (+/- 1.685) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.555 (+/- 0.586) | 0.516 (+/- 0.37) | 0.554 (+/- 0.559) | 0.562 (+/- 0.748) | 0.613 (+/- 0.465) | 0.753 (+/- 1.548) | 0.68 (+/- 0.364) | 0.673 (+/- 0.616) | 0.786 (+/- 1.106) | 0.653 (+/- 0.618) | 0.585 (+/- 0.731) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.52 (+/- 2.586) | 0.308 (+/- 0.883) | 0.458 (+/- 2.118) | 0.365 (+/- 1.55) | 0.374 (+/- 0.632) | 2.326 (+/- 25.464) | 0.465 (+/- 0.886) | 0.603 (+/- 1.787) | 1.692 (+/- 7.8) | 0.473 (+/- 0.781) | 0.614 (+/- 8.071) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 4.78 (+/- 5.626) | 4.777 (+/- 6.106) | 8.255 (+/- 11.63) | 5.517 (+/- 6.677) | 7.7 (+/- 10.366) | 5.426 (+/- 6.86) | 9.099 (+/- 10.954) | 4.471 (+/- 4.229) | 6.784 (+/- 8.346) | 7.415 (+/- 9.154) | 5.719 (+/- 7.576) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 7.538 (+/- 10.029) | 7.474 (+/- 10.189) | 11.71 (+/- 15.331) | 8.149 (+/- 10.15) | 12.098 (+/- 15.131) | 8.603 (+/- 9.905) | 14.355 (+/- 16.715) | 7.182 (+/- 7.386) | 11.036 (+/- 11.624) | 11.716 (+/- 13.005) | 8.779 (+/- 11.402) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 2.758 (+/- 5.964) | 2.697 (+/- 5.336) | 3.455 (+/- 5.642) | 2.632 (+/- 4.551) | 4.398 (+/- 7.33) | 3.177 (+/- 4.684) | 5.256 (+/- 7.856) | 2.711 (+/- 4.859) | 4.252 (+/- 4.274) | 4.301 (+/- 5.525) | 3.06 (+/- 5.445) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.308 (+/- 0.215) | 0.297 (+/- 0.212) | 0.282 (+/- 0.207) | 0.28 (+/- 0.203) | 0.334 (+/- 0.234) | 0.317 (+/- 0.235) | 0.346 (+/- 0.187) | 0.323 (+/- 0.214) | 0.367 (+/- 0.196) | 0.325 (+/- 0.195) | 0.303 (+/- 0.213) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.866 (+/- 3.895) | 0.624 (+/- 0.797) | 0.583 (+/- 0.788) | 0.69 (+/- 3.088) | 0.824 (+/- 1.081) | 0.745 (+/- 0.977) | 0.679 (+/- 0.564) | 0.787 (+/- 1.381) | 0.78 (+/- 0.689) | 0.664 (+/- 0.708) | 0.704 (+/- 2.151) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.599 (+/- 0.728) | 0.567 (+/- 0.432) | 0.606 (+/- 0.579) | 0.565 (+/- 0.511) | 0.631 (+/- 0.468) | 0.719 (+/- 0.909) | 0.743 (+/- 0.432) | 0.694 (+/- 0.63) | 0.723 (+/- 0.564) | 0.717 (+/- 0.653) | 0.613 (+/- 0.598) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.534 (+/- 2.919) | 0.382 (+/- 1.108) | 0.555 (+/- 2.477) | 0.368 (+/- 1.321) | 0.412 (+/- 0.606) | 0.643 (+/- 3.432) | 0.49 (+/- 0.896) | 0.837 (+/- 3.38) | 0.638 (+/- 1.297) | 0.543 (+/- 0.884) | 0.488 (+/- 2.12) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 3.867 (+/- 4.889) | 3.981 (+/- 5.14) | 7.15 (+/- 10.702) | 4.658 (+/- 5.745) | 6.141 (+/- 8.978) | 4.533 (+/- 5.993) | 7.887 (+/- 9.772) | 3.771 (+/- 3.541) | 5.748 (+/- 7.692) | 6.369 (+/- 8.115) | 4.795 (+/- 6.666) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 6.185 (+/- 8.315) | 6.726 (+/- 9.96) | 10.691 (+/- 15.176) | 7.251 (+/- 9.452) | 10.501 (+/- 14.693) | 7.709 (+/- 9.712) | 13.55 (+/- 16.409) | 6.059 (+/- 5.927) | 9.646 (+/- 11.712) | 10.555 (+/- 12.569) | 7.778 (+/- 10.866) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 2.318 (+/- 4.792) | 2.745 (+/- 6.059) | 3.541 (+/- 6.916) | 2.593 (+/- 4.687) | 4.36 (+/- 8.206) | 3.175 (+/- 5.308) | 5.664 (+/- 8.607) | 2.289 (+/- 3.184) | 3.898 (+/- 4.651) | 4.186 (+/- 5.705) | 2.983 (+/- 5.75) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.268 (+/- 0.236) | 0.275 (+/- 0.233) | 0.264 (+/- 0.216) | 0.262 (+/- 0.227) | 0.306 (+/- 0.263) | 0.294 (+/- 0.25) | 0.361 (+/- 0.208) | 0.31 (+/- 0.235) | 0.334 (+/- 0.233) | 0.291 (+/- 0.207) | 0.28 (+/- 0.233) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 1.103 (+/- 6.307) | 0.646 (+/- 1.047) | 0.75 (+/- 3.468) | 0.642 (+/- 1.44) | 1.389 (+/- 3.921) | 0.934 (+/- 2.939) | 0.778 (+/- 0.725) | 0.785 (+/- 1.251) | 0.783 (+/- 0.886) | 0.585 (+/- 0.667) | 0.798 (+/- 3.109) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.714 (+/- 0.937) | 0.677 (+/- 0.785) | 0.748 (+/- 0.942) | 0.636 (+/- 0.518) | 0.882 (+/- 1.286) | 0.808 (+/- 0.822) | 0.849 (+/- 0.567) | 0.947 (+/- 1.792) | 1.063 (+/- 1.13) | 0.846 (+/- 0.712) | 0.736 (+/- 0.905) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.84 (+/- 4.315) | 0.92 (+/- 9.944) | 2.249 (+/- 15.061) | 0.686 (+/- 3.285) | 2.347 (+/- 15.852) | 0.749 (+/- 2.031) | 0.65 (+/- 0.739) | 6.201 (+/- 61.314) | 1.708 (+/- 4.403) | 0.747 (+/- 1.141) | 1.354 (+/- 16.609) |
| UtteranceNumber  (pause\_features) | 4.881 (+/- 6.034) | 5.313 (+/- 7.482) | 6.118 (+/- 8.194) | 5.498 (+/- 8.069) | 7.951 (+/- 11.762) | 5.388 (+/- 6.208) | 7.971 (+/- 8.532) | 4.525 (+/- 4.203) | 7.071 (+/- 8.493) | 7.095 (+/- 6.697) | 5.633 (+/- 7.53) |
| PauseNumber  (pause\_features) | 3.894 (+/- 6.025) | 4.338 (+/- 7.466) | 5.143 (+/- 8.177) | 4.526 (+/- 8.052) | 6.988 (+/- 11.738) | 4.393 (+/- 6.204) | 6.971 (+/- 8.532) | 3.556 (+/- 4.174) | 6.071 (+/- 8.493) | 6.095 (+/- 6.697) | 4.654 (+/- 7.516) |
| AveragePauseLength  (pause\_features) | 0.587 (+/- 0.453) | 0.654 (+/- 0.923) | 0.596 (+/- 0.543) | 0.59 (+/- 0.479) | 0.697 (+/- 0.641) | 0.709 (+/- 0.676) | 0.853 (+/- 0.75) | 0.852 (+/- 1.621) | 0.835 (+/- 0.75) | 0.856 (+/- 0.805) | 0.664 (+/- 0.778) |
| StdPauseLength  (pause\_features) | 0.283 (+/- 0.411) | 0.327 (+/- 0.644) | 0.308 (+/- 0.458) | 0.302 (+/- 0.415) | 0.373 (+/- 0.401) | 0.392 (+/- 0.469) | 0.368 (+/- 0.367) | 0.483 (+/- 1.294) | 0.482 (+/- 0.586) | 0.408 (+/- 0.425) | 0.342 (+/- 0.585) |
| TimeToFirstPhonation  (pause\_features) | 0.556 (+/- 0.836) | 0.602 (+/- 0.845) | 0.71 (+/- 1.287) | 0.593 (+/- 0.92) | 0.591 (+/- 0.757) | 0.605 (+/- 0.736) | 0.38 (+/- 0.614) | 0.522 (+/- 0.761) | 0.646 (+/- 0.755) | 0.427 (+/- 0.687) | 0.591 (+/- 0.895) |
| TimeToLastPhonation  (pause\_features) | 8.222 (+/- 9.349) | 8.774 (+/- 11.165) | 12.638 (+/- 16.062) | 9.325 (+/- 10.899) | 12.922 (+/- 15.811) | 9.523 (+/- 10.316) | 15.135 (+/- 17.779) | 7.769 (+/- 8.154) | 12.154 (+/- 12.466) | 12.909 (+/- 13.533) | 9.859 (+/- 12.034) |
| UtterancePerMin  (pause\_features) | 34.189 (+/- 18.236) | 34.506 (+/- 18.092) | 29.282 (+/- 16.287) | 32.164 (+/- 16.096) | 31.376 (+/- 16.582) | 33.282 (+/- 17.724) | 32.509 (+/- 14.759) | 33.593 (+/- 19.674) | 31.232 (+/- 14.12) | 34.296 (+/- 18.037) | 32.992 (+/- 17.565) |
| WordsPerMin  (pause\_features) | 66.898 (+/- 41.935) | 58.875 (+/- 39.595) | 68.779 (+/- 41.69) | 60.389 (+/- 38.37) | 70.486 (+/- 41.59) | 56.236 (+/- 37.303) | 62.14 (+/- 31.924) | 52.561 (+/- 33.787) | 62.036 (+/- 32.959) | 56.02 (+/- 35.327) | 61.231 (+/- 39.307) |
| Duration  (pause\_features) | 9.025 (+/- 9.398) | 9.577 (+/- 11.41) | 13.865 (+/- 16.184) | 10.236 (+/- 10.805) | 14.126 (+/- 15.649) | 10.41 (+/- 10.364) | 16.266 (+/- 17.449) | 9.146 (+/- 8.532) | 13.917 (+/- 12.843) | 14.161 (+/- 13.774) | 10.834 (+/- 12.142) |