|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=666) | Thirties Male (30-39)   (N=288) | Thirties Female (30-39)   (N=475) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=230) | Fifties Male (50-59)   (N=40) | Fifties Female (50-59)   (N=127) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2455) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 25.638 (+/- 5.578) | 33.565 (+/- 4.91) | 25.802 (+/- 5.963) | 32.733 (+/- 6.333) | 26.79 (+/- 5.706) | 32.553 (+/- 6.645) | 26.582 (+/- 4.61) | 32.527 (+/- 4.256) | 27.22 (+/- 6.885) | 31.968 (+/- 5.501) | 30.546 (+/- 6.591) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.201 (+/- 0.113) | 0.157 (+/- 0.098) | 0.192 (+/- 0.112) | 0.14 (+/- 0.088) | 0.193 (+/- 0.119) | 0.143 (+/- 0.09) | 0.208 (+/- 0.122) | 0.14 (+/- 0.1) | 0.24 (+/- 0.133) | 0.168 (+/- 0.103) | 0.166 (+/- 0.105) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.688 (+/- 5.189) | 30.864 (+/- 6.562) | 22.705 (+/- 5.507) | 30.318 (+/- 6.702) | 23.293 (+/- 4.794) | 29.925 (+/- 7.232) | 23.012 (+/- 3.707) | 29.898 (+/- 5.577) | 22.781 (+/- 5.626) | 28.796 (+/- 6.338) | 27.733 (+/- 7.145) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 24.561 (+/- 5.498) | 33.415 (+/- 5.283) | 24.771 (+/- 6.179) | 32.467 (+/- 6.519) | 25.621 (+/- 5.638) | 32.051 (+/- 6.907) | 25.586 (+/- 4.439) | 32.08 (+/- 4.914) | 25.277 (+/- 7.234) | 31.237 (+/- 6.291) | 29.968 (+/- 6.99) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 27.547 (+/- 7.428) | 36.007 (+/- 5.064) | 28.074 (+/- 7.415) | 34.994 (+/- 7.058) | 29.527 (+/- 8.826) | 34.89 (+/- 6.887) | 29.066 (+/- 7.77) | 34.942 (+/- 3.438) | 31.369 (+/- 11.059) | 35.262 (+/- 5.531) | 32.901 (+/- 7.499) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 4.859 (+/- 5.652) | 5.144 (+/- 5.713) | 5.368 (+/- 5.419) | 4.676 (+/- 4.526) | 6.234 (+/- 7.108) | 4.965 (+/- 4.345) | 6.054 (+/- 6.954) | 5.044 (+/- 4.742) | 8.588 (+/- 9.034) | 6.465 (+/- 5.508) | 5.168 (+/- 5.466) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 230.466 (+/- 206.906) | 227.712 (+/- 194.736) | 230.409 (+/- 201.302) | 217.113 (+/- 182.476) | 245.296 (+/- 252.565) | 200.461 (+/- 167.498) | 285.484 (+/- 274.726) | 170.589 (+/- 156.286) | 387.027 (+/- 316.721) | 232.186 (+/- 200.362) | 225.212 (+/- 200.096) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 309.407 (+/- 304.983) | 305.311 (+/- 270.873) | 299.442 (+/- 286.049) | 292.179 (+/- 260.365) | 298.685 (+/- 313.182) | 274.229 (+/- 240.966) | 358.856 (+/- 334.355) | 229.018 (+/- 230.671) | 554.114 (+/- 450.856) | 336.679 (+/- 287.718) | 301.518 (+/- 281.582) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 102.335 (+/- 137.224) | 106.23 (+/- 118.125) | 110.071 (+/- 121.177) | 92.489 (+/- 83.477) | 106.321 (+/- 89.942) | 83.764 (+/- 73.945) | 98.628 (+/- 84.048) | 98.218 (+/- 172.637) | 93.28 (+/- 65.269) | 113.384 (+/- 94.408) | 100.644 (+/- 112.768) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 136.905 (+/- 199.002) | 161.423 (+/- 195.665) | 158.552 (+/- 226.357) | 140.074 (+/- 168.222) | 145.289 (+/- 166.404) | 123.123 (+/- 155.147) | 135.289 (+/- 159.865) | 130.36 (+/- 189.631) | 101.251 (+/- 79.143) | 178.054 (+/- 208.465) | 146.067 (+/- 188.553) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.182 (+/- 0.139) | 0.194 (+/- 0.166) | 0.219 (+/- 0.177) | 0.208 (+/- 0.182) | 0.192 (+/- 0.175) | 0.207 (+/- 0.157) | 0.22 (+/- 0.131) | 0.222 (+/- 0.166) | 0.178 (+/- 0.142) | 0.21 (+/- 0.138) | 0.201 (+/- 0.165) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 1.329 (+/- 0.543) | 1.364 (+/- 0.499) | 1.242 (+/- 0.523) | 1.324 (+/- 0.53) | 1.319 (+/- 0.63) | 1.416 (+/- 0.54) | 1.182 (+/- 0.467) | 1.379 (+/- 0.494) | 1.444 (+/- 0.774) | 1.4 (+/- 0.453) | 1.342 (+/- 0.532) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.071 (+/- 0.088) | 0.071 (+/- 0.092) | 0.094 (+/- 0.114) | 0.075 (+/- 0.101) | 0.076 (+/- 0.094) | 0.072 (+/- 0.095) | 0.097 (+/- 0.074) | 0.078 (+/- 0.082) | 0.075 (+/- 0.102) | 0.067 (+/- 0.062) | 0.076 (+/- 0.095) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.086 (+/- 0.098) | 0.088 (+/- 0.11) | 0.114 (+/- 0.128) | 0.095 (+/- 0.13) | 0.095 (+/- 0.115) | 0.085 (+/- 0.101) | 0.112 (+/- 0.08) | 0.09 (+/- 0.086) | 0.09 (+/- 0.112) | 0.081 (+/- 0.074) | 0.092 (+/- 0.112) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.222 (+/- 0.189) | 0.246 (+/- 0.257) | 0.27 (+/- 0.258) | 0.264 (+/- 0.278) | 0.239 (+/- 0.279) | 0.245 (+/- 0.205) | 0.245 (+/- 0.179) | 0.277 (+/- 0.285) | 0.186 (+/- 0.183) | 0.271 (+/- 0.257) | 0.25 (+/- 0.249) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.151 (+/- 0.155) | 0.175 (+/- 0.218) | 0.176 (+/- 0.214) | 0.189 (+/- 0.236) | 0.164 (+/- 0.248) | 0.173 (+/- 0.167) | 0.148 (+/- 0.15) | 0.199 (+/- 0.267) | 0.112 (+/- 0.141) | 0.204 (+/- 0.244) | 0.175 (+/- 0.212) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 4.038 (+/- 2.907) | 4.255 (+/- 3.097) | 4.589 (+/- 3.691) | 4.409 (+/- 3.398) | 4.061 (+/- 3.57) | 4.629 (+/- 3.423) | 4.946 (+/- 3.636) | 4.81 (+/- 3.36) | 3.594 (+/- 2.392) | 4.417 (+/- 2.834) | 4.363 (+/- 3.27) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.79 (+/- 2.979) | 3.998 (+/- 3.066) | 4.441 (+/- 3.693) | 4.089 (+/- 3.211) | 3.691 (+/- 3.044) | 4.311 (+/- 3.483) | 4.553 (+/- 3.258) | 4.345 (+/- 2.994) | 3.24 (+/- 2.339) | 3.956 (+/- 2.574) | 4.078 (+/- 3.185) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 2.914 (+/- 2.176) | 2.901 (+/- 2.228) | 3.379 (+/- 2.827) | 3.053 (+/- 2.435) | 2.906 (+/- 2.519) | 3.497 (+/- 2.822) | 3.869 (+/- 2.867) | 3.402 (+/- 2.515) | 2.88 (+/- 2.007) | 3.331 (+/- 2.158) | 3.107 (+/- 2.444) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.923 (+/- 2.28) | 2.967 (+/- 2.368) | 3.291 (+/- 2.653) | 2.971 (+/- 2.301) | 2.901 (+/- 2.574) | 3.502 (+/- 2.984) | 3.6 (+/- 2.384) | 3.297 (+/- 2.416) | 2.981 (+/- 2.274) | 3.197 (+/- 2.022) | 3.088 (+/- 2.448) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.029 (+/- 0.013) | 0.026 (+/- 0.012) | 0.03 (+/- 0.013) | 0.026 (+/- 0.01) | 0.03 (+/- 0.013) | 0.026 (+/- 0.012) | 0.032 (+/- 0.01) | 0.025 (+/- 0.01) | 0.031 (+/- 0.011) | 0.028 (+/- 0.009) | 0.027 (+/- 0.012) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.423 (+/- 0.487) | 1.798 (+/- 0.531) | 1.434 (+/- 0.53) | 1.66 (+/- 0.524) | 1.315 (+/- 0.445) | 1.602 (+/- 0.541) | 1.305 (+/- 0.338) | 1.588 (+/- 0.483) | 1.336 (+/- 0.449) | 1.55 (+/- 0.417) | 1.595 (+/- 0.534) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.241 (+/- 0.382) | 1.031 (+/- 0.239) | 1.242 (+/- 0.453) | 1.033 (+/- 0.275) | 1.248 (+/- 0.347) | 1.051 (+/- 0.321) | 1.269 (+/- 0.261) | 1.055 (+/- 0.242) | 1.282 (+/- 0.348) | 1.109 (+/- 0.283) | 1.112 (+/- 0.333) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.908 (+/- 0.213) | 0.963 (+/- 0.201) | 0.885 (+/- 0.211) | 0.918 (+/- 0.229) | 0.857 (+/- 0.206) | 0.906 (+/- 0.231) | 0.852 (+/- 0.151) | 0.936 (+/- 0.176) | 0.819 (+/- 0.193) | 0.877 (+/- 0.189) | 0.918 (+/- 0.213) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.625 (+/- 2.085) | 8.013 (+/- 2.341) | 4.609 (+/- 2.183) | 7.487 (+/- 2.334) | 4.563 (+/- 1.93) | 7.39 (+/- 2.378) | 4.574 (+/- 1.594) | 7.553 (+/- 2.13) | 4.641 (+/- 1.99) | 6.836 (+/- 2.145) | 6.599 (+/- 2.678) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.461 (+/- 2.789) | 0.537 (+/- 0.896) | 4.885 (+/- 75.711) | -0.018 (+/- 12.566) | 1.205 (+/- 7.188) | 0.103 (+/- 6.4) | 0.726 (+/- 0.531) | 0.476 (+/- 1.354) | 0.718 (+/- 0.479) | 1.577 (+/- 8.975) | 0.956 (+/- 26.75) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.573 (+/- 8.197) | 6.264 (+/- 7.318) | 3.966 (+/- 7.492) | 5.431 (+/- 7.665) | 3.375 (+/- 9.427) | 4.431 (+/- 6.175) | 4.112 (+/- 5.205) | 5.387 (+/- 6.642) | 2.903 (+/- 6.453) | 5.717 (+/- 5.525) | 5.109 (+/- 7.491) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 8.316 (+/- 107.432) | 2.353 (+/- 20.517) | 2.562 (+/- 25.684) | 2.195 (+/- 17.266) | 3.516 (+/- 22.469) | 3.659 (+/- 24.915) | 1.931 (+/- 6.207) | 5.007 (+/- 23.182) | 28.569 (+/- 156.585) | 0.814 (+/- 15.236) | 3.883 (+/- 49.949) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 20.743 (+/- 9.281) | 20.946 (+/- 7.857) | 20.575 (+/- 8.958) | 19.784 (+/- 7.785) | 19.961 (+/- 9.619) | 18.868 (+/- 7.485) | 20.093 (+/- 8.304) | 20.764 (+/- 6.643) | 19.136 (+/- 11.092) | 20.308 (+/- 7.867) | 20.327 (+/- 8.293) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.51 (+/- 3.695) | 0.532 (+/- 4.099) | 0.681 (+/- 1.107) | 0.784 (+/- 1.1) | 0.604 (+/- 0.903) | 0.781 (+/- 0.936) | 0.538 (+/- 0.943) | 0.854 (+/- 2.048) | 1.143 (+/- 2.351) | -0.049 (+/- 4.373) | 0.639 (+/- 2.884) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 592.853 (+/- 111.12) | 681.464 (+/- 76.518) | 605.51 (+/- 129.087) | 656.737 (+/- 117.167) | 601.658 (+/- 115.302) | 664.954 (+/- 120.426) | 617.711 (+/- 104.729) | 674.667 (+/- 70.184) | 611.852 (+/- 137.266) | 661.997 (+/- 101.167) | 645.619 (+/- 111.094) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.307 (+/- 0.067) | 0.257 (+/- 0.046) | 0.303 (+/- 0.067) | 0.259 (+/- 0.058) | 0.309 (+/- 0.067) | 0.26 (+/- 0.06) | 0.32 (+/- 0.056) | 0.263 (+/- 0.043) | 0.315 (+/- 0.069) | 0.269 (+/- 0.052) | 0.276 (+/- 0.062) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1395.417 (+/- 181.708) | 1388.663 (+/- 119.467) | 1393.397 (+/- 186.539) | 1382.987 (+/- 215.302) | 1394.512 (+/- 150.639) | 1378.671 (+/- 217.3) | 1409.048 (+/- 74.964) | 1416.249 (+/- 62.029) | 1360.1 (+/- 245.716) | 1399.369 (+/- 167.329) | 1390.341 (+/- 172.265) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.166 (+/- 0.052) | 0.177 (+/- 0.035) | 0.168 (+/- 0.051) | 0.17 (+/- 0.045) | 0.171 (+/- 0.055) | 0.168 (+/- 0.043) | 0.176 (+/- 0.038) | 0.171 (+/- 0.031) | 0.181 (+/- 0.058) | 0.169 (+/- 0.033) | 0.171 (+/- 0.044) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -172.558 (+/- 22.317) | -168.566 (+/- 22.388) | -170.505 (+/- 26.415) | -168.688 (+/- 23.553) | -172.343 (+/- 27.209) | -169.788 (+/- 20.503) | -175.53 (+/- 20.016) | -167.142 (+/- 23.412) | -172.45 (+/- 28.043) | -168.67 (+/- 17.988) | -169.83 (+/- 23.164) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.372 (+/- 0.162) | -0.404 (+/- 0.152) | -0.385 (+/- 0.19) | -0.401 (+/- 0.164) | -0.361 (+/- 0.16) | -0.396 (+/- 0.147) | -0.35 (+/- 0.132) | -0.417 (+/- 0.16) | -0.364 (+/- 0.167) | -0.409 (+/- 0.138) | -0.393 (+/- 0.161) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1532.985 (+/- 201.263) | 1648.31 (+/- 133.145) | 1537.678 (+/- 211.736) | 1593.268 (+/- 244.654) | 1545.146 (+/- 181.559) | 1594.015 (+/- 248.029) | 1556.883 (+/- 98.565) | 1628.27 (+/- 72.754) | 1530.411 (+/- 274.695) | 1598.194 (+/- 191.702) | 1590.886 (+/- 199.741) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.147 (+/- 0.03) | 0.143 (+/- 0.024) | 0.148 (+/- 0.032) | 0.139 (+/- 0.03) | 0.15 (+/- 0.032) | 0.14 (+/- 0.032) | 0.152 (+/- 0.021) | 0.142 (+/- 0.023) | 0.152 (+/- 0.033) | 0.143 (+/- 0.025) | 0.144 (+/- 0.029) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -172.86 (+/- 21.638) | -167.854 (+/- 21.664) | -170.673 (+/- 25.797) | -167.976 (+/- 23.07) | -172.551 (+/- 26.363) | -169.058 (+/- 20.062) | -175.451 (+/- 19.524) | -166.835 (+/- 22.616) | -171.669 (+/- 27.065) | -167.935 (+/- 17.82) | -169.448 (+/- 22.571) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.357 (+/- 0.147) | -0.394 (+/- 0.136) | -0.368 (+/- 0.167) | -0.392 (+/- 0.155) | -0.347 (+/- 0.147) | -0.388 (+/- 0.136) | -0.34 (+/- 0.126) | -0.403 (+/- 0.137) | -0.358 (+/- 0.15) | -0.4 (+/- 0.13) | -0.381 (+/- 0.146) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2484.086 (+/- 305.6) | 2596.337 (+/- 195.882) | 2486.961 (+/- 311.927) | 2525.765 (+/- 379.189) | 2502.315 (+/- 256.658) | 2523.964 (+/- 384.597) | 2517.504 (+/- 84.202) | 2584.345 (+/- 87.813) | 2467.843 (+/- 423.132) | 2543.644 (+/- 295.572) | 2535.657 (+/- 298.012) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.092 (+/- 0.02) | 0.091 (+/- 0.016) | 0.09 (+/- 0.021) | 0.09 (+/- 0.021) | 0.09 (+/- 0.02) | 0.091 (+/- 0.022) | 0.094 (+/- 0.016) | 0.095 (+/- 0.018) | 0.094 (+/- 0.022) | 0.094 (+/- 0.018) | 0.091 (+/- 0.019) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -173.624 (+/- 21.147) | -168.625 (+/- 21.17) | -171.466 (+/- 25.374) | -168.811 (+/- 22.556) | -173.216 (+/- 26.121) | -169.901 (+/- 19.557) | -176.201 (+/- 18.939) | -167.846 (+/- 21.593) | -172.396 (+/- 26.611) | -168.918 (+/- 17.195) | -170.254 (+/- 22.067) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.344 (+/- 0.139) | -0.382 (+/- 0.127) | -0.354 (+/- 0.159) | -0.378 (+/- 0.146) | -0.335 (+/- 0.141) | -0.374 (+/- 0.129) | -0.328 (+/- 0.118) | -0.386 (+/- 0.126) | -0.345 (+/- 0.142) | -0.385 (+/- 0.121) | -0.368 (+/- 0.138) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -14.12 (+/- 5.866) | -14.143 (+/- 5.249) | -14.124 (+/- 5.669) | -12.6 (+/- 5.68) | -13.701 (+/- 6.483) | -11.986 (+/- 5.319) | -13.619 (+/- 5.093) | -13.336 (+/- 5.12) | -12.971 (+/- 7.014) | -12.693 (+/- 4.684) | -13.48 (+/- 5.607) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.627 (+/- 1.888) | -0.836 (+/- 0.831) | -0.613 (+/- 1.227) | -1.227 (+/- 5.724) | -0.749 (+/- 1.447) | -1.364 (+/- 6.117) | -0.798 (+/- 0.607) | -0.879 (+/- 0.863) | -0.945 (+/- 1.402) | -1.082 (+/- 2.01) | -0.91 (+/- 3.336) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 24.896 (+/- 6.764) | 24.787 (+/- 6.151) | 24.873 (+/- 6.782) | 23.374 (+/- 7.143) | 24.365 (+/- 7.229) | 23.04 (+/- 7.002) | 24.906 (+/- 6.293) | 24.881 (+/- 6.084) | 24.154 (+/- 8.666) | 24.101 (+/- 5.898) | 24.321 (+/- 6.72) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.438 (+/- 0.369) | 0.472 (+/- 0.208) | 0.436 (+/- 0.563) | 0.48 (+/- 0.337) | 0.482 (+/- 0.374) | 0.461 (+/- 0.203) | 0.43 (+/- 0.214) | 0.458 (+/- 0.17) | 0.506 (+/- 0.349) | 0.467 (+/- 0.192) | 0.463 (+/- 0.33) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.023 (+/- 0.032) | 0.046 (+/- 0.036) | 0.024 (+/- 0.035) | 0.046 (+/- 0.034) | 0.029 (+/- 0.034) | 0.047 (+/- 0.035) | 0.022 (+/- 0.037) | 0.04 (+/- 0.036) | 0.034 (+/- 0.039) | 0.045 (+/- 0.03) | 0.038 (+/- 0.036) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.715 (+/- 21.95) | 0.367 (+/- 10.603) | 0.529 (+/- 13.775) | 0.423 (+/- 3.379) | -0.494 (+/- 6.892) | 0.049 (+/- 4.516) | -11.334 (+/- 42.972) | 0.277 (+/- 1.995) | 1.023 (+/- 4.033) | 0.933 (+/- 2.677) | -0.007 (+/- 12.854) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.014 (+/- 0.012) | -0.015 (+/- 0.011) | -0.015 (+/- 0.012) | -0.014 (+/- 0.01) | -0.014 (+/- 0.01) | -0.015 (+/- 0.012) | -0.015 (+/- 0.01) | -0.016 (+/- 0.012) | -0.014 (+/- 0.014) | -0.015 (+/- 0.011) | -0.015 (+/- 0.011) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.908 (+/- 8.483) | -3.352 (+/- 31.668) | -8.809 (+/- 125.813) | -14.079 (+/- 222.895) | -1.838 (+/- 6.439) | -0.037 (+/- 16.953) | -2.008 (+/- 3.571) | -5.176 (+/- 71.453) | -1.638 (+/- 3.332) | -0.506 (+/- 9.65) | -5.263 (+/- 109.882) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.586 (+/- 6.729) | -8.372 (+/- 6.675) | -9.207 (+/- 6.642) | -8.375 (+/- 6.86) | -8.123 (+/- 6.622) | -7.87 (+/- 6.685) | -9.23 (+/- 6.515) | -9.123 (+/- 7.548) | -7.077 (+/- 6.781) | -8.187 (+/- 6.805) | -8.455 (+/- 6.768) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 18.162 (+/- 7.98) | 17.331 (+/- 7.91) | 18.812 (+/- 7.984) | 17.476 (+/- 8.136) | 17.271 (+/- 8.291) | 17.093 (+/- 8.015) | 18.817 (+/- 8.086) | 18.622 (+/- 8.853) | 16.527 (+/- 7.937) | 17.661 (+/- 8.458) | 17.705 (+/- 8.089) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.011 (+/- 0.035) | 0.015 (+/- 0.037) | 0.007 (+/- 0.036) | 0.015 (+/- 0.038) | 0.015 (+/- 0.037) | 0.021 (+/- 0.041) | 0.004 (+/- 0.04) | 0.01 (+/- 0.04) | 0.022 (+/- 0.045) | 0.014 (+/- 0.036) | 0.013 (+/- 0.038) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.016 (+/- 0.013) | 0.016 (+/- 0.012) | 0.013 (+/- 0.013) | 0.016 (+/- 0.013) | 0.016 (+/- 0.014) | 0.016 (+/- 0.013) | 0.011 (+/- 0.01) | 0.014 (+/- 0.012) | 0.017 (+/- 0.014) | 0.016 (+/- 0.013) | 0.015 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 0.871 (+/- 0.829) | 0.785 (+/- 0.343) | 0.909 (+/- 1.004) | 0.908 (+/- 1.063) | 0.791 (+/- 0.347) | 0.804 (+/- 0.62) | 0.791 (+/- 0.331) | 0.773 (+/- 0.335) | 1.075 (+/- 1.903) | 0.744 (+/- 0.276) | 0.841 (+/- 0.764) |
| VoicedSegmentsPerSec  (opensmile\_features) | 0.776 (+/- 0.665) | 0.798 (+/- 0.67) | 0.832 (+/- 0.748) | 0.77 (+/- 0.648) | 0.693 (+/- 0.495) | 0.722 (+/- 0.608) | 0.791 (+/- 1.033) | 0.821 (+/- 0.797) | 0.72 (+/- 0.683) | 0.851 (+/- 0.735) | 0.782 (+/- 0.678) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.207 (+/- 0.113) | 0.252 (+/- 0.131) | 0.208 (+/- 0.13) | 0.264 (+/- 0.402) | 0.249 (+/- 0.468) | 0.255 (+/- 0.138) | 0.195 (+/- 0.081) | 0.26 (+/- 0.107) | 0.218 (+/- 0.147) | 0.236 (+/- 0.085) | 0.241 (+/- 0.231) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.167 (+/- 0.136) | 0.197 (+/- 0.156) | 0.176 (+/- 0.191) | 0.207 (+/- 0.411) | 0.208 (+/- 0.427) | 0.192 (+/- 0.152) | 0.164 (+/- 0.088) | 0.192 (+/- 0.11) | 0.2 (+/- 0.255) | 0.184 (+/- 0.064) | 0.191 (+/- 0.243) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 2.513 (+/- 7.009) | 1.742 (+/- 4.038) | 2.573 (+/- 7.288) | 2.742 (+/- 8.383) | 2.469 (+/- 6.325) | 3.123 (+/- 9.353) | 1.703 (+/- 1.059) | 1.679 (+/- 1.879) | 3.109 (+/- 9.485) | 2.22 (+/- 6.52) | 2.341 (+/- 6.704) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 1.85 (+/- 1.47) | 1.735 (+/- 1.244) | 1.835 (+/- 1.926) | 1.691 (+/- 1.289) | 1.844 (+/- 1.394) | 1.712 (+/- 1.178) | 2.023 (+/- 1.333) | 1.926 (+/- 2.151) | 1.846 (+/- 0.97) | 1.713 (+/- 1.313) | 1.773 (+/- 1.441) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 26.351 (+/- 11.378) | 26.309 (+/- 11.132) | 27.728 (+/- 12.998) | 26.921 (+/- 12.547) | 25.407 (+/- 12.497) | 24.908 (+/- 11.043) | 24.812 (+/- 11.179) | 26.164 (+/- 11.33) | 22.909 (+/- 11.864) | 25.936 (+/- 10.924) | 26.324 (+/- 11.766) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 57.665 (+/- 6.27) | 58.295 (+/- 4.186) | 57.549 (+/- 7.375) | 57.447 (+/- 7.828) | 56.848 (+/- 7.168) | 57.393 (+/- 7.373) | 57.774 (+/- 3.071) | 58.311 (+/- 2.51) | 56.399 (+/- 10.0) | 57.988 (+/- 6.659) | 57.745 (+/- 6.335) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 31.314 (+/- 10.894) | 31.986 (+/- 10.624) | 29.821 (+/- 12.4) | 30.526 (+/- 12.033) | 31.442 (+/- 11.915) | 32.486 (+/- 10.535) | 32.962 (+/- 10.192) | 32.147 (+/- 10.536) | 33.49 (+/- 11.843) | 32.052 (+/- 10.878) | 31.421 (+/- 11.252) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.541 (+/- 0.191) | 0.549 (+/- 0.185) | 0.514 (+/- 0.217) | 0.525 (+/- 0.21) | 0.552 (+/- 0.21) | 0.562 (+/- 0.187) | 0.574 (+/- 0.183) | 0.554 (+/- 0.186) | 0.581 (+/- 0.207) | 0.547 (+/- 0.188) | 0.542 (+/- 0.197) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 1.593 (+/- 1.16) | 1.622 (+/- 1.179) | 1.534 (+/- 1.257) | 1.578 (+/- 1.249) | 1.744 (+/- 1.271) | 2.177 (+/- 5.512) | 1.794 (+/- 1.206) | 1.685 (+/- 1.263) | 1.84 (+/- 1.008) | 1.719 (+/- 1.637) | 1.668 (+/- 2.059) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.977 (+/- 1.629) | 0.929 (+/- 0.602) | 0.867 (+/- 0.651) | 0.985 (+/- 1.49) | 0.999 (+/- 0.67) | 1.154 (+/- 1.452) | 1.011 (+/- 0.618) | 1.021 (+/- 0.745) | 1.869 (+/- 4.707) | 0.917 (+/- 0.631) | 0.985 (+/- 1.265) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 3.95 (+/- 46.259) | 1.481 (+/- 2.179) | 1.35 (+/- 2.591) | 3.284 (+/- 40.907) | 1.446 (+/- 1.965) | 2.083 (+/- 4.477) | 1.653 (+/- 2.229) | 1.84 (+/- 2.857) | 26.195 (+/- 144.371) | 1.47 (+/- 2.313) | 2.638 (+/- 31.235) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 22.57 (+/- 10.517) | 22.901 (+/- 10.564) | 24.104 (+/- 12.283) | 23.328 (+/- 11.798) | 21.902 (+/- 11.69) | 21.776 (+/- 10.181) | 21.652 (+/- 10.22) | 22.833 (+/- 10.416) | 19.688 (+/- 10.709) | 22.501 (+/- 10.264) | 22.836 (+/- 11.022) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 56.596 (+/- 6.442) | 57.161 (+/- 4.655) | 56.635 (+/- 7.523) | 56.194 (+/- 8.057) | 55.565 (+/- 7.326) | 56.123 (+/- 8.172) | 56.568 (+/- 3.524) | 57.156 (+/- 3.733) | 54.911 (+/- 10.292) | 56.716 (+/- 7.202) | 56.591 (+/- 6.682) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 34.026 (+/- 9.93) | 34.259 (+/- 9.93) | 32.531 (+/- 11.688) | 32.866 (+/- 11.097) | 33.663 (+/- 10.913) | 34.346 (+/- 10.15) | 34.916 (+/- 8.728) | 34.323 (+/- 9.385) | 35.223 (+/- 11.14) | 34.215 (+/- 10.087) | 33.755 (+/- 10.434) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.6 (+/- 0.179) | 0.6 (+/- 0.176) | 0.57 (+/- 0.209) | 0.579 (+/- 0.202) | 0.606 (+/- 0.199) | 0.604 (+/- 0.18) | 0.622 (+/- 0.167) | 0.604 (+/- 0.17) | 0.628 (+/- 0.196) | 0.599 (+/- 0.181) | 0.594 (+/- 0.187) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 2.084 (+/- 1.75) | 2.055 (+/- 1.746) | 1.969 (+/- 1.623) | 2.036 (+/- 2.02) | 2.247 (+/- 1.75) | 2.311 (+/- 4.173) | 2.168 (+/- 1.439) | 2.043 (+/- 1.434) | 2.229 (+/- 1.154) | 2.117 (+/- 1.821) | 2.082 (+/- 2.11) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 1.003 (+/- 0.665) | 1.021 (+/- 0.648) | 0.956 (+/- 0.679) | 1.085 (+/- 1.522) | 1.112 (+/- 0.72) | 1.167 (+/- 0.846) | 1.133 (+/- 0.703) | 1.115 (+/- 0.776) | 1.17 (+/- 0.608) | 1.1 (+/- 0.821) | 1.054 (+/- 0.922) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 1.905 (+/- 5.521) | 1.864 (+/- 2.78) | 1.608 (+/- 2.473) | 3.731 (+/- 40.987) | 1.773 (+/- 2.208) | 2.207 (+/- 3.468) | 2.027 (+/- 2.701) | 2.356 (+/- 3.627) | 2.44 (+/- 3.034) | 2.603 (+/- 6.859) | 2.291 (+/- 18.355) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 15.375 (+/- 9.328) | 16.21 (+/- 9.592) | 17.221 (+/- 11.797) | 16.154 (+/- 10.748) | 15.048 (+/- 10.571) | 15.197 (+/- 8.323) | 15.521 (+/- 10.753) | 16.432 (+/- 9.629) | 13.682 (+/- 8.554) | 15.714 (+/- 7.454) | 16.001 (+/- 9.948) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 52.963 (+/- 10.507) | 54.267 (+/- 8.828) | 53.191 (+/- 11.34) | 52.34 (+/- 13.012) | 51.809 (+/- 12.482) | 52.619 (+/- 12.083) | 53.452 (+/- 5.356) | 55.262 (+/- 4.556) | 52.039 (+/- 10.575) | 53.987 (+/- 9.243) | 53.307 (+/- 10.66) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 37.588 (+/- 10.142) | 38.058 (+/- 9.944) | 35.97 (+/- 12.05) | 36.186 (+/- 12.269) | 36.761 (+/- 11.927) | 37.423 (+/- 10.56) | 37.932 (+/- 8.529) | 38.83 (+/- 8.605) | 38.357 (+/- 9.311) | 38.273 (+/- 8.845) | 37.307 (+/- 10.752) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.699 (+/- 0.186) | 0.693 (+/- 0.18) | 0.664 (+/- 0.223) | 0.665 (+/- 0.224) | 0.685 (+/- 0.224) | 0.684 (+/- 0.194) | 0.72 (+/- 0.175) | 0.707 (+/- 0.158) | 0.725 (+/- 0.181) | 0.694 (+/- 0.161) | 0.685 (+/- 0.197) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 4.315 (+/- 9.037) | 3.693 (+/- 7.145) | 4.689 (+/- 13.168) | 3.878 (+/- 8.047) | 5.738 (+/- 17.353) | 3.462 (+/- 4.874) | 4.402 (+/- 6.282) | 3.755 (+/- 5.919) | 5.74 (+/- 12.198) | 3.104 (+/- 2.179) | 4.027 (+/- 8.966) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 1.744 (+/- 2.132) | 1.669 (+/- 2.283) | 1.641 (+/- 2.145) | 1.819 (+/- 3.027) | 1.857 (+/- 2.4) | 1.587 (+/- 1.06) | 1.685 (+/- 0.998) | 1.667 (+/- 1.063) | 2.009 (+/- 1.871) | 1.956 (+/- 3.217) | 1.721 (+/- 2.297) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 6.85 (+/- 29.979) | 5.693 (+/- 30.084) | 4.939 (+/- 16.211) | 8.629 (+/- 51.474) | 4.132 (+/- 8.3) | 3.606 (+/- 6.673) | 4.295 (+/- 4.771) | 4.501 (+/- 8.007) | 8.161 (+/- 23.972) | 4.428 (+/- 8.571) | 5.964 (+/- 30.819) |
| UtteranceNumber  (pause\_features) | 31.793 (+/- 13.264) | 31.455 (+/- 13.099) | 31.652 (+/- 14.446) | 30.637 (+/- 12.772) | 28.789 (+/- 10.035) | 29.732 (+/- 12.245) | 29.59 (+/- 12.749) | 30.071 (+/- 14.396) | 28.944 (+/- 11.128) | 32.185 (+/- 14.156) | 30.934 (+/- 13.088) |
| PauseNumber  (pause\_features) | 30.793 (+/- 13.264) | 30.455 (+/- 13.099) | 30.652 (+/- 14.446) | 29.637 (+/- 12.772) | 27.789 (+/- 10.035) | 28.732 (+/- 12.245) | 28.59 (+/- 12.749) | 29.071 (+/- 14.396) | 27.944 (+/- 11.128) | 31.185 (+/- 14.156) | 29.934 (+/- 13.088) |
| AveragePauseLength  (pause\_features) | 1.324 (+/- 0.847) | 1.323 (+/- 0.763) | 1.292 (+/- 0.859) | 1.351 (+/- 0.879) | 1.431 (+/- 0.822) | 1.391 (+/- 0.72) | 1.384 (+/- 0.663) | 1.405 (+/- 0.828) | 1.387 (+/- 0.67) | 1.415 (+/- 0.972) | 1.346 (+/- 0.818) |
| StdPauseLength  (pause\_features) | 1.305 (+/- 0.832) | 1.336 (+/- 0.857) | 1.201 (+/- 0.786) | 1.293 (+/- 0.81) | 1.33 (+/- 0.807) | 1.342 (+/- 0.763) | 1.311 (+/- 0.667) | 1.353 (+/- 0.86) | 1.438 (+/- 0.847) | 1.369 (+/- 1.111) | 1.311 (+/- 0.832) |
| TimeToFirstPhonation  (pause\_features) | 1.088 (+/- 1.626) | 1.082 (+/- 1.549) | 1.086 (+/- 1.792) | 1.224 (+/- 1.707) | 1.354 (+/- 1.955) | 1.247 (+/- 1.678) | 1.15 (+/- 1.923) | 1.145 (+/- 1.752) | 1.732 (+/- 2.51) | 1.2 (+/- 1.897) | 1.158 (+/- 1.703) |
| TimeToLastPhonation  (pause\_features) | 57.526 (+/- 3.981) | 58.006 (+/- 2.948) | 57.767 (+/- 3.586) | 57.77 (+/- 3.267) | 56.959 (+/- 5.123) | 58.101 (+/- 2.583) | 56.768 (+/- 3.782) | 57.735 (+/- 3.327) | 57.006 (+/- 4.134) | 58.035 (+/- 2.885) | 57.771 (+/- 3.412) |
| UtterancePerMin  (pause\_features) | 32.132 (+/- 13.854) | 31.632 (+/- 13.169) | 31.844 (+/- 14.494) | 30.867 (+/- 12.859) | 29.498 (+/- 10.217) | 29.886 (+/- 12.283) | 30.03 (+/- 13.142) | 30.253 (+/- 14.498) | 29.094 (+/- 11.106) | 32.38 (+/- 14.333) | 31.174 (+/- 13.247) |
| WordsPerMin  (pause\_features) | 21.586 (+/- 9.107) | 21.419 (+/- 8.38) | 22.1 (+/- 9.148) | 23.009 (+/- 10.878) | 22.841 (+/- 10.889) | 23.143 (+/- 9.43) | 20.1 (+/- 8.066) | 22.686 (+/- 9.273) | 22.123 (+/- 15.788) | 22.887 (+/- 11.244) | 22.181 (+/- 9.616) |
| Duration  (pause\_features) | 59.549 (+/- 1.694) | 59.664 (+/- 1.146) | 59.59 (+/- 1.383) | 59.575 (+/- 1.192) | 58.665 (+/- 3.823) | 59.689 (+/- 0.806) | 59.256 (+/- 1.979) | 59.666 (+/- 0.895) | 59.648 (+/- 0.822) | 59.71 (+/- 1.081) | 59.573 (+/- 1.488) |