|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=669) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=478) | 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=2466) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.907 (+/- 5.774) | 34.012 (+/- 3.76) | 25.14 (+/- 5.594) | 32.74 (+/- 5.798) | 25.035 (+/- 4.695) | 31.93 (+/- 6.907) | 25.636 (+/- 5.933) | 32.072 (+/- 4.313) | 24.894 (+/- 6.899) | 31.696 (+/- 5.311) | 30.258 (+/- 6.547) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.159 (+/- 0.106) | 0.122 (+/- 0.075) | 0.154 (+/- 0.104) | 0.116 (+/- 0.072) | 0.165 (+/- 0.116) | 0.118 (+/- 0.075) | 0.163 (+/- 0.097) | 0.125 (+/- 0.079) | 0.19 (+/- 0.141) | 0.139 (+/- 0.083) | 0.134 (+/- 0.09) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.54 (+/- 5.598) | 31.674 (+/- 5.007) | 22.567 (+/- 5.314) | 30.31 (+/- 6.188) | 22.392 (+/- 4.468) | 29.534 (+/- 7.044) | 22.675 (+/- 5.399) | 29.585 (+/- 5.073) | 21.764 (+/- 6.319) | 28.984 (+/- 5.48) | 27.806 (+/- 6.854) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 24.146 (+/- 5.716) | 33.982 (+/- 3.863) | 24.457 (+/- 5.669) | 32.504 (+/- 5.815) | 24.057 (+/- 4.708) | 31.634 (+/- 7.023) | 25.278 (+/- 6.41) | 31.793 (+/- 4.838) | 23.574 (+/- 6.756) | 30.945 (+/- 5.587) | 29.863 (+/- 6.792) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.313 (+/- 6.209) | 36.105 (+/- 3.646) | 27.038 (+/- 6.386) | 34.909 (+/- 6.099) | 26.824 (+/- 5.168) | 34.222 (+/- 7.215) | 27.875 (+/- 7.144) | 34.391 (+/- 4.402) | 27.161 (+/- 8.604) | 34.352 (+/- 5.682) | 32.277 (+/- 6.962) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 3.773 (+/- 2.744) | 4.431 (+/- 4.069) | 4.471 (+/- 3.684) | 4.6 (+/- 3.732) | 4.432 (+/- 2.933) | 4.688 (+/- 3.445) | 5.2 (+/- 4.753) | 4.806 (+/- 3.325) | 5.397 (+/- 5.397) | 5.369 (+/- 3.836) | 4.471 (+/- 3.678) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 181.24 (+/- 293.03) | 184.056 (+/- 256.205) | 173.601 (+/- 264.521) | 143.356 (+/- 179.168) | 190.93 (+/- 238.797) | 130.993 (+/- 186.538) | 235.528 (+/- 348.688) | 153.842 (+/- 170.308) | 185.23 (+/- 226.967) | 164.458 (+/- 229.237) | 169.055 (+/- 241.752) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 177.741 (+/- 314.493) | 170.671 (+/- 252.904) | 164.532 (+/- 257.413) | 148.041 (+/- 219.797) | 212.252 (+/- 323.612) | 123.335 (+/- 162.903) | 232.382 (+/- 346.367) | 160.689 (+/- 205.874) | 190.147 (+/- 317.631) | 170.265 (+/- 294.633) | 165.449 (+/- 258.389) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 60.672 (+/- 97.411) | 70.279 (+/- 124.243) | 61.523 (+/- 88.043) | 61.599 (+/- 96.45) | 83.283 (+/- 166.467) | 71.121 (+/- 120.798) | 48.725 (+/- 44.626) | 56.887 (+/- 67.95) | 83.929 (+/- 113.042) | 48.427 (+/- 56.909) | 65.253 (+/- 108.258) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 57.899 (+/- 120.13) | 76.204 (+/- 161.619) | 61.859 (+/- 114.428) | 65.48 (+/- 140.564) | 80.449 (+/- 187.684) | 77.404 (+/- 174.199) | 42.474 (+/- 57.803) | 61.869 (+/- 108.064) | 83.807 (+/- 161.122) | 48.19 (+/- 82.523) | 67.611 (+/- 143.412) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.349 (+/- 0.252) | 0.352 (+/- 0.267) | 0.385 (+/- 0.291) | 0.373 (+/- 0.295) | 0.341 (+/- 0.287) | 0.377 (+/- 0.295) | 0.398 (+/- 0.242) | 0.4 (+/- 0.306) | 0.328 (+/- 0.217) | 0.364 (+/- 0.248) | 0.365 (+/- 0.277) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.901 (+/- 0.272) | 0.932 (+/- 0.246) | 0.909 (+/- 0.302) | 0.933 (+/- 0.271) | 0.937 (+/- 0.287) | 0.992 (+/- 0.329) | 0.914 (+/- 0.274) | 0.993 (+/- 0.259) | 0.967 (+/- 0.371) | 1.033 (+/- 0.278) | 0.938 (+/- 0.278) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.089 (+/- 0.101) | 0.088 (+/- 0.104) | 0.116 (+/- 0.136) | 0.096 (+/- 0.117) | 0.095 (+/- 0.126) | 0.087 (+/- 0.11) | 0.12 (+/- 0.106) | 0.093 (+/- 0.091) | 0.083 (+/- 0.106) | 0.079 (+/- 0.068) | 0.094 (+/- 0.111) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.229 (+/- 0.191) | 0.228 (+/- 0.194) | 0.251 (+/- 0.24) | 0.238 (+/- 0.222) | 0.22 (+/- 0.216) | 0.222 (+/- 0.231) | 0.228 (+/- 0.167) | 0.233 (+/- 0.216) | 0.188 (+/- 0.173) | 0.208 (+/- 0.19) | 0.231 (+/- 0.21) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.593 (+/- 0.443) | 0.605 (+/- 0.482) | 0.645 (+/- 0.497) | 0.645 (+/- 0.524) | 0.575 (+/- 0.504) | 0.664 (+/- 0.541) | 0.681 (+/- 0.45) | 0.718 (+/- 0.614) | 0.561 (+/- 0.383) | 0.633 (+/- 0.463) | 0.628 (+/- 0.499) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.504 (+/- 0.398) | 0.517 (+/- 0.424) | 0.529 (+/- 0.436) | 0.549 (+/- 0.464) | 0.48 (+/- 0.447) | 0.576 (+/- 0.491) | 0.56 (+/- 0.422) | 0.626 (+/- 0.572) | 0.478 (+/- 0.372) | 0.554 (+/- 0.443) | 0.534 (+/- 0.446) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 6.433 (+/- 4.592) | 6.981 (+/- 5.095) | 6.912 (+/- 4.785) | 7.346 (+/- 5.643) | 6.121 (+/- 4.791) | 7.647 (+/- 5.331) | 8.101 (+/- 5.902) | 8.115 (+/- 6.123) | 6.438 (+/- 4.7) | 7.806 (+/- 5.377) | 7.091 (+/- 5.202) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.688 (+/- 2.694) | 4.086 (+/- 3.212) | 4.043 (+/- 2.9) | 4.295 (+/- 3.653) | 3.544 (+/- 2.816) | 4.337 (+/- 3.486) | 4.35 (+/- 2.939) | 4.654 (+/- 3.228) | 3.633 (+/- 2.45) | 4.455 (+/- 3.168) | 4.103 (+/- 3.196) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.804 (+/- 3.464) | 4.804 (+/- 3.8) | 5.233 (+/- 3.678) | 5.075 (+/- 4.112) | 4.583 (+/- 3.655) | 5.216 (+/- 3.808) | 6.455 (+/- 5.167) | 5.484 (+/- 3.975) | 4.651 (+/- 3.421) | 5.323 (+/- 3.857) | 5.02 (+/- 3.834) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.867 (+/- 2.18) | 2.959 (+/- 2.628) | 3.027 (+/- 2.289) | 2.988 (+/- 2.555) | 2.594 (+/- 2.378) | 2.974 (+/- 2.494) | 3.522 (+/- 2.717) | 3.071 (+/- 2.436) | 2.599 (+/- 2.06) | 3.068 (+/- 2.37) | 2.96 (+/- 2.462) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.03 (+/- 0.013) | 0.028 (+/- 0.012) | 0.032 (+/- 0.015) | 0.027 (+/- 0.012) | 0.035 (+/- 0.021) | 0.028 (+/- 0.014) | 0.031 (+/- 0.013) | 0.027 (+/- 0.01) | 0.032 (+/- 0.015) | 0.027 (+/- 0.011) | 0.029 (+/- 0.013) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.082 (+/- 0.428) | 1.392 (+/- 0.518) | 1.121 (+/- 0.397) | 1.233 (+/- 0.444) | 1.17 (+/- 0.479) | 1.212 (+/- 0.446) | 1.039 (+/- 0.386) | 1.233 (+/- 0.401) | 1.094 (+/- 0.406) | 1.149 (+/- 0.335) | 1.228 (+/- 0.467) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.413 (+/- 0.404) | 1.259 (+/- 0.293) | 1.447 (+/- 0.417) | 1.255 (+/- 0.297) | 1.461 (+/- 0.425) | 1.273 (+/- 0.412) | 1.423 (+/- 0.347) | 1.262 (+/- 0.256) | 1.4 (+/- 0.431) | 1.256 (+/- 0.3) | 1.321 (+/- 0.359) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.802 (+/- 0.21) | 0.872 (+/- 0.167) | 0.792 (+/- 0.184) | 0.832 (+/- 0.182) | 0.793 (+/- 0.2) | 0.809 (+/- 0.207) | 0.757 (+/- 0.171) | 0.846 (+/- 0.156) | 0.737 (+/- 0.215) | 0.828 (+/- 0.217) | 0.827 (+/- 0.189) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.23 (+/- 1.784) | 7.769 (+/- 1.82) | 4.238 (+/- 1.921) | 7.072 (+/- 1.968) | 4.104 (+/- 1.746) | 6.799 (+/- 2.118) | 4.102 (+/- 1.749) | 6.884 (+/- 1.709) | 3.755 (+/- 1.858) | 6.54 (+/- 1.79) | 6.201 (+/- 2.411) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.692 (+/- 1.332) | 0.464 (+/- 0.296) | 0.99 (+/- 6.246) | 0.487 (+/- 0.274) | 0.655 (+/- 0.49) | 0.5 (+/- 0.299) | 0.708 (+/- 0.47) | 0.509 (+/- 0.294) | 0.859 (+/- 0.935) | 0.526 (+/- 0.28) | 0.593 (+/- 2.226) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 3.783 (+/- 6.174) | 6.718 (+/- 5.866) | 3.267 (+/- 6.059) | 5.403 (+/- 6.633) | 3.031 (+/- 6.471) | 4.799 (+/- 5.996) | 2.609 (+/- 5.88) | 5.031 (+/- 4.631) | 1.909 (+/- 5.014) | 5.666 (+/- 4.544) | 4.971 (+/- 6.175) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | -2.468 (+/- 203.594) | 3.497 (+/- 48.299) | 4.668 (+/- 45.162) | 1.8 (+/- 48.531) | 1.146 (+/- 7.69) | 0.279 (+/- 19.828) | 1.047 (+/- 11.339) | 2.326 (+/- 7.436) | 0.945 (+/- 7.14) | 2.119 (+/- 9.65) | 1.799 (+/- 87.279) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 22.015 (+/- 8.122) | 23.88 (+/- 7.116) | 21.017 (+/- 8.389) | 21.787 (+/- 7.356) | 20.934 (+/- 7.807) | 21.136 (+/- 7.542) | 20.417 (+/- 9.932) | 22.357 (+/- 6.309) | 19.164 (+/- 10.222) | 22.626 (+/- 6.903) | 22.207 (+/- 7.702) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.511 (+/- 0.662) | 0.491 (+/- 0.739) | 0.95 (+/- 7.3) | 0.517 (+/- 0.517) | 0.522 (+/- 0.563) | 0.523 (+/- 0.546) | 0.443 (+/- 0.69) | 0.675 (+/- 1.892) | 0.56 (+/- 1.099) | 0.406 (+/- 1.374) | 0.568 (+/- 2.625) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 547.83 (+/- 126.534) | 666.598 (+/- 74.396) | 569.45 (+/- 139.961) | 647.549 (+/- 117.07) | 567.907 (+/- 120.625) | 644.814 (+/- 141.1) | 569.784 (+/- 130.653) | 650.758 (+/- 88.779) | 572.742 (+/- 166.308) | 651.987 (+/- 106.71) | 622.454 (+/- 123.019) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.307 (+/- 0.079) | 0.245 (+/- 0.05) | 0.308 (+/- 0.075) | 0.245 (+/- 0.059) | 0.32 (+/- 0.075) | 0.241 (+/- 0.067) | 0.315 (+/- 0.084) | 0.249 (+/- 0.047) | 0.318 (+/- 0.096) | 0.249 (+/- 0.051) | 0.268 (+/- 0.071) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1406.105 (+/- 246.924) | 1433.201 (+/- 105.157) | 1400.13 (+/- 234.846) | 1419.244 (+/- 217.864) | 1408.718 (+/- 206.358) | 1399.437 (+/- 275.321) | 1387.039 (+/- 231.289) | 1433.212 (+/- 141.295) | 1357.415 (+/- 338.129) | 1429.682 (+/- 170.357) | 1416.315 (+/- 204.453) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.156 (+/- 0.055) | 0.157 (+/- 0.038) | 0.16 (+/- 0.051) | 0.149 (+/- 0.04) | 0.162 (+/- 0.05) | 0.149 (+/- 0.045) | 0.154 (+/- 0.046) | 0.147 (+/- 0.033) | 0.171 (+/- 0.067) | 0.146 (+/- 0.033) | 0.154 (+/- 0.045) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -137.468 (+/- 24.801) | -132.24 (+/- 21.991) | -138.679 (+/- 26.581) | -133.034 (+/- 25.095) | -141.146 (+/- 28.564) | -133.684 (+/- 26.215) | -143.561 (+/- 24.091) | -133.2 (+/- 22.201) | -141.621 (+/- 31.828) | -134.532 (+/- 24.317) | -134.965 (+/- 24.788) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.643 (+/- 0.213) | -0.676 (+/- 0.173) | -0.634 (+/- 0.219) | -0.675 (+/- 0.212) | -0.612 (+/- 0.216) | -0.671 (+/- 0.226) | -0.599 (+/- 0.194) | -0.674 (+/- 0.166) | -0.61 (+/- 0.255) | -0.668 (+/- 0.195) | -0.66 (+/- 0.203) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1443.097 (+/- 255.927) | 1601.388 (+/- 111.286) | 1466.873 (+/- 256.573) | 1554.634 (+/- 236.064) | 1475.333 (+/- 226.001) | 1536.285 (+/- 299.913) | 1471.072 (+/- 254.059) | 1571.215 (+/- 153.081) | 1441.344 (+/- 361.412) | 1561.647 (+/- 190.205) | 1532.885 (+/- 227.086) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.143 (+/- 0.036) | 0.129 (+/- 0.025) | 0.145 (+/- 0.034) | 0.122 (+/- 0.029) | 0.146 (+/- 0.037) | 0.121 (+/- 0.033) | 0.151 (+/- 0.038) | 0.125 (+/- 0.023) | 0.153 (+/- 0.047) | 0.127 (+/- 0.025) | 0.132 (+/- 0.032) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -139.385 (+/- 23.984) | -132.158 (+/- 21.415) | -140.294 (+/- 25.774) | -132.92 (+/- 24.695) | -142.775 (+/- 27.454) | -133.756 (+/- 25.83) | -144.866 (+/- 23.89) | -133.933 (+/- 21.578) | -142.272 (+/- 31.05) | -134.826 (+/- 23.661) | -135.562 (+/- 24.285) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.6 (+/- 0.192) | -0.643 (+/- 0.155) | -0.592 (+/- 0.186) | -0.646 (+/- 0.199) | -0.573 (+/- 0.194) | -0.641 (+/- 0.205) | -0.565 (+/- 0.182) | -0.637 (+/- 0.144) | -0.581 (+/- 0.236) | -0.635 (+/- 0.177) | -0.625 (+/- 0.184) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2401.48 (+/- 408.194) | 2583.51 (+/- 166.607) | 2420.15 (+/- 393.356) | 2515.432 (+/- 376.522) | 2438.777 (+/- 341.689) | 2488.288 (+/- 478.19) | 2419.001 (+/- 387.363) | 2550.905 (+/- 237.694) | 2354.104 (+/- 571.128) | 2546.949 (+/- 296.565) | 2498.829 (+/- 351.12) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.081 (+/- 0.023) | 0.082 (+/- 0.017) | 0.081 (+/- 0.021) | 0.081 (+/- 0.02) | 0.081 (+/- 0.021) | 0.08 (+/- 0.024) | 0.085 (+/- 0.022) | 0.081 (+/- 0.019) | 0.083 (+/- 0.026) | 0.08 (+/- 0.019) | 0.081 (+/- 0.02) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -141.62 (+/- 23.205) | -134.89 (+/- 20.57) | -142.429 (+/- 25.042) | -135.551 (+/- 23.923) | -144.74 (+/- 26.636) | -136.379 (+/- 24.959) | -146.897 (+/- 23.144) | -136.667 (+/- 20.68) | -144.231 (+/- 30.198) | -137.452 (+/- 22.989) | -138.061 (+/- 23.45) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.565 (+/- 0.178) | -0.601 (+/- 0.139) | -0.559 (+/- 0.173) | -0.604 (+/- 0.182) | -0.543 (+/- 0.181) | -0.599 (+/- 0.189) | -0.533 (+/- 0.167) | -0.595 (+/- 0.129) | -0.55 (+/- 0.221) | -0.594 (+/- 0.163) | -0.586 (+/- 0.168) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -13.234 (+/- 5.317) | -13.391 (+/- 4.647) | -13.071 (+/- 5.085) | -11.882 (+/- 5.034) | -13.166 (+/- 4.945) | -11.326 (+/- 4.989) | -12.849 (+/- 5.48) | -12.174 (+/- 4.636) | -12.158 (+/- 5.807) | -12.158 (+/- 4.514) | -12.686 (+/- 5.009) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.603 (+/- 0.421) | -0.669 (+/- 1.07) | -0.599 (+/- 1.502) | -0.88 (+/- 3.978) | -0.68 (+/- 0.753) | -0.844 (+/- 0.853) | -0.673 (+/- 0.559) | -0.746 (+/- 1.255) | -0.936 (+/- 1.219) | -0.825 (+/- 0.619) | -0.719 (+/- 1.985) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 24.245 (+/- 6.874) | 25.61 (+/- 5.468) | 23.855 (+/- 6.603) | 23.864 (+/- 6.514) | 23.937 (+/- 6.353) | 23.483 (+/- 6.888) | 23.735 (+/- 7.4) | 24.462 (+/- 5.885) | 22.782 (+/- 8.126) | 24.506 (+/- 5.551) | 24.405 (+/- 6.37) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.364 (+/- 0.187) | 0.377 (+/- 0.281) | 0.361 (+/- 0.199) | 0.391 (+/- 0.165) | 0.374 (+/- 0.205) | 0.376 (+/- 0.144) | 0.355 (+/- 0.17) | 0.381 (+/- 0.137) | 0.416 (+/- 0.265) | 0.389 (+/- 0.151) | 0.377 (+/- 0.211) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.028 (+/- 0.03) | 0.051 (+/- 0.032) | 0.028 (+/- 0.031) | 0.049 (+/- 0.031) | 0.029 (+/- 0.033) | 0.049 (+/- 0.035) | 0.027 (+/- 0.035) | 0.043 (+/- 0.031) | 0.037 (+/- 0.036) | 0.045 (+/- 0.03) | 0.042 (+/- 0.033) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | 0.841 (+/- 10.358) | 0.438 (+/- 3.055) | -2.232 (+/- 35.947) | 1.52 (+/- 29.335) | 0.81 (+/- 25.831) | 0.435 (+/- 1.839) | 0.493 (+/- 1.586) | 0.114 (+/- 2.512) | 0.945 (+/- 7.173) | 0.686 (+/- 1.077) | 0.42 (+/- 19.24) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.014 (+/- 0.012) | -0.013 (+/- 0.011) | -0.015 (+/- 0.011) | -0.012 (+/- 0.01) | -0.015 (+/- 0.01) | -0.013 (+/- 0.011) | -0.016 (+/- 0.01) | -0.014 (+/- 0.011) | -0.015 (+/- 0.013) | -0.013 (+/- 0.011) | -0.014 (+/- 0.011) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | 8.402 (+/- 203.814) | -2.032 (+/- 27.413) | -1.226 (+/- 5.782) | -1.235 (+/- 6.14) | -2.04 (+/- 10.248) | -4.584 (+/- 53.124) | -1.522 (+/- 3.101) | -0.44 (+/- 5.74) | -1.963 (+/- 4.99) | -3.025 (+/- 12.565) | -1.153 (+/- 90.51) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.073 (+/- 5.94) | -7.667 (+/- 5.856) | -8.691 (+/- 5.907) | -7.754 (+/- 6.096) | -8.17 (+/- 5.726) | -7.516 (+/- 6.146) | -8.855 (+/- 6.054) | -8.174 (+/- 6.506) | -7.531 (+/- 6.944) | -7.556 (+/- 6.984) | -7.893 (+/- 6.042) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.64 (+/- 6.902) | 17.231 (+/- 6.844) | 18.236 (+/- 7.005) | 17.35 (+/- 7.184) | 17.612 (+/- 6.928) | 17.08 (+/- 7.32) | 18.092 (+/- 7.101) | 18.008 (+/- 7.899) | 17.229 (+/- 7.671) | 17.505 (+/- 8.238) | 17.478 (+/- 7.116) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.015 (+/- 0.034) | 0.021 (+/- 0.036) | 0.011 (+/- 0.034) | 0.021 (+/- 0.035) | 0.016 (+/- 0.036) | 0.024 (+/- 0.04) | 0.009 (+/- 0.039) | 0.016 (+/- 0.037) | 0.025 (+/- 0.044) | 0.015 (+/- 0.033) | 0.018 (+/- 0.036) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.011 (+/- 0.011) | 0.011 (+/- 0.011) | 0.009 (+/- 0.012) | 0.01 (+/- 0.01) | 0.011 (+/- 0.011) | 0.011 (+/- 0.012) | 0.007 (+/- 0.009) | 0.009 (+/- 0.01) | 0.012 (+/- 0.012) | 0.012 (+/- 0.011) | 0.01 (+/- 0.011) |
| loudnessPeaksPerSec  (opensmile\_features) | 2.904 (+/- 0.901) | 2.936 (+/- 0.786) | 2.837 (+/- 1.425) | 2.867 (+/- 1.104) | 2.668 (+/- 1.133) | 2.692 (+/- 1.166) | 2.8 (+/- 1.285) | 2.554 (+/- 0.826) | 2.32 (+/- 0.642) | 2.199 (+/- 0.715) | 2.816 (+/- 1.034) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.923 (+/- 0.742) | 2.032 (+/- 0.672) | 1.893 (+/- 0.755) | 1.976 (+/- 0.692) | 1.758 (+/- 0.748) | 1.818 (+/- 0.698) | 1.779 (+/- 0.73) | 1.85 (+/- 0.702) | 1.717 (+/- 0.831) | 1.706 (+/- 0.644) | 1.926 (+/- 0.711) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.165 (+/- 0.072) | 0.182 (+/- 0.065) | 0.167 (+/- 0.077) | 0.18 (+/- 0.086) | 0.186 (+/- 0.217) | 0.193 (+/- 0.109) | 0.162 (+/- 0.062) | 0.198 (+/- 0.074) | 0.165 (+/- 0.073) | 0.221 (+/- 0.197) | 0.18 (+/- 0.096) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.132 (+/- 0.077) | 0.139 (+/- 0.069) | 0.145 (+/- 0.123) | 0.14 (+/- 0.076) | 0.136 (+/- 0.083) | 0.146 (+/- 0.084) | 0.132 (+/- 0.061) | 0.156 (+/- 0.115) | 0.136 (+/- 0.082) | 0.153 (+/- 0.068) | 0.141 (+/- 0.085) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.506 (+/- 0.996) | 0.357 (+/- 0.506) | 0.524 (+/- 1.093) | 0.44 (+/- 0.931) | 0.552 (+/- 1.029) | 0.62 (+/- 1.453) | 0.424 (+/- 0.234) | 0.425 (+/- 0.852) | 0.732 (+/- 1.573) | 0.497 (+/- 0.711) | 0.463 (+/- 0.934) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.414 (+/- 0.396) | 0.383 (+/- 0.32) | 0.471 (+/- 0.366) | 0.388 (+/- 0.251) | 0.535 (+/- 0.429) | 0.435 (+/- 0.323) | 0.567 (+/- 0.467) | 0.474 (+/- 0.313) | 0.517 (+/- 0.384) | 0.566 (+/- 0.41) | 0.427 (+/- 0.342) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 3.582 (+/- 1.089) | 3.714 (+/- 0.867) | 3.811 (+/- 1.284) | 3.737 (+/- 1.094) | 3.578 (+/- 1.053) | 3.656 (+/- 1.066) | 3.775 (+/- 1.292) | 3.838 (+/- 0.974) | 3.948 (+/- 1.375) | 3.998 (+/- 1.318) | 3.716 (+/- 1.069) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 4.701 (+/- 1.449) | 4.917 (+/- 1.268) | 5.14 (+/- 1.688) | 4.996 (+/- 1.5) | 5.133 (+/- 1.59) | 5.065 (+/- 1.598) | 5.17 (+/- 1.95) | 5.312 (+/- 1.452) | 5.61 (+/- 1.953) | 5.785 (+/- 1.857) | 5.011 (+/- 1.512) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 1.119 (+/- 0.96) | 1.204 (+/- 0.951) | 1.329 (+/- 1.229) | 1.26 (+/- 1.002) | 1.555 (+/- 1.337) | 1.41 (+/- 1.151) | 1.395 (+/- 1.325) | 1.474 (+/- 1.162) | 1.662 (+/- 1.503) | 1.787 (+/- 1.269) | 1.294 (+/- 1.085) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.221 (+/- 0.143) | 0.229 (+/- 0.126) | 0.236 (+/- 0.149) | 0.234 (+/- 0.134) | 0.279 (+/- 0.15) | 0.252 (+/- 0.144) | 0.245 (+/- 0.136) | 0.257 (+/- 0.142) | 0.271 (+/- 0.17) | 0.295 (+/- 0.156) | 0.238 (+/- 0.14) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.417 (+/- 1.1) | 0.351 (+/- 0.408) | 0.54 (+/- 2.39) | 0.372 (+/- 0.555) | 0.482 (+/- 0.513) | 0.456 (+/- 0.928) | 0.382 (+/- 0.335) | 0.518 (+/- 1.532) | 0.583 (+/- 1.129) | 0.625 (+/- 1.171) | 0.424 (+/- 1.115) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.431 (+/- 0.331) | 0.407 (+/- 0.311) | 0.506 (+/- 0.51) | 0.428 (+/- 0.386) | 0.588 (+/- 0.497) | 0.544 (+/- 0.478) | 0.631 (+/- 0.478) | 0.556 (+/- 0.474) | 0.574 (+/- 0.553) | 0.59 (+/- 0.392) | 0.468 (+/- 0.406) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.187 (+/- 0.485) | 0.178 (+/- 0.425) | 0.368 (+/- 1.001) | 0.22 (+/- 0.601) | 0.422 (+/- 1.04) | 0.396 (+/- 1.118) | 0.559 (+/- 1.267) | 0.314 (+/- 0.501) | 0.29 (+/- 0.442) | 0.546 (+/- 1.072) | 0.269 (+/- 0.73) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 3.332 (+/- 1.07) | 3.449 (+/- 0.825) | 3.551 (+/- 1.254) | 3.461 (+/- 1.1) | 3.3 (+/- 1.02) | 3.391 (+/- 1.016) | 3.56 (+/- 1.248) | 3.581 (+/- 0.952) | 3.489 (+/- 1.137) | 3.686 (+/- 1.166) | 3.449 (+/- 1.034) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 4.213 (+/- 1.531) | 4.452 (+/- 1.295) | 4.676 (+/- 1.789) | 4.484 (+/- 1.543) | 4.468 (+/- 1.602) | 4.528 (+/- 1.577) | 4.943 (+/- 2.065) | 4.758 (+/- 1.488) | 4.771 (+/- 1.967) | 5.249 (+/- 2.064) | 4.511 (+/- 1.561) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 0.881 (+/- 0.909) | 1.003 (+/- 0.99) | 1.126 (+/- 1.262) | 1.022 (+/- 1.003) | 1.168 (+/- 1.254) | 1.137 (+/- 1.18) | 1.383 (+/- 1.434) | 1.177 (+/- 1.119) | 1.283 (+/- 1.414) | 1.563 (+/- 1.476) | 1.061 (+/- 1.096) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.183 (+/- 0.154) | 0.201 (+/- 0.146) | 0.205 (+/- 0.165) | 0.206 (+/- 0.151) | 0.226 (+/- 0.175) | 0.216 (+/- 0.169) | 0.244 (+/- 0.159) | 0.216 (+/- 0.156) | 0.223 (+/- 0.201) | 0.257 (+/- 0.162) | 0.206 (+/- 0.157) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.3 (+/- 0.51) | 0.338 (+/- 0.672) | 0.421 (+/- 1.401) | 0.348 (+/- 0.717) | 0.488 (+/- 1.46) | 0.416 (+/- 1.013) | 0.397 (+/- 0.38) | 0.338 (+/- 0.322) | 0.484 (+/- 0.952) | 0.455 (+/- 0.624) | 0.365 (+/- 0.85) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.476 (+/- 0.444) | 0.41 (+/- 0.318) | 0.497 (+/- 0.44) | 0.419 (+/- 0.325) | 0.571 (+/- 0.406) | 0.557 (+/- 0.486) | 0.589 (+/- 0.447) | 0.5 (+/- 0.364) | 0.602 (+/- 0.41) | 0.591 (+/- 0.493) | 0.47 (+/- 0.394) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.326 (+/- 1.522) | 0.215 (+/- 0.467) | 0.391 (+/- 0.937) | 0.267 (+/- 0.687) | 0.43 (+/- 0.841) | 0.451 (+/- 1.136) | 0.554 (+/- 1.196) | 0.375 (+/- 0.655) | 0.325 (+/- 0.537) | 0.672 (+/- 1.823) | 0.325 (+/- 0.964) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 2.899 (+/- 1.14) | 2.917 (+/- 0.956) | 3.101 (+/- 1.38) | 2.87 (+/- 1.222) | 2.777 (+/- 1.186) | 2.878 (+/- 1.045) | 3.115 (+/- 1.262) | 3.097 (+/- 1.03) | 2.882 (+/- 1.185) | 3.056 (+/- 1.006) | 2.933 (+/- 1.127) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 3.665 (+/- 1.476) | 3.852 (+/- 1.349) | 4.058 (+/- 1.868) | 3.847 (+/- 1.711) | 3.7 (+/- 1.654) | 3.886 (+/- 1.58) | 4.176 (+/- 1.85) | 4.072 (+/- 1.419) | 4.103 (+/- 2.144) | 4.396 (+/- 1.913) | 3.879 (+/- 1.595) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 0.767 (+/- 0.809) | 0.935 (+/- 0.881) | 0.957 (+/- 1.122) | 0.977 (+/- 1.064) | 0.923 (+/- 0.976) | 1.008 (+/- 1.051) | 1.06 (+/- 1.291) | 0.975 (+/- 0.917) | 1.222 (+/- 1.559) | 1.34 (+/- 1.537) | 0.945 (+/- 1.013) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.183 (+/- 0.162) | 0.22 (+/- 0.161) | 0.206 (+/- 0.186) | 0.218 (+/- 0.177) | 0.217 (+/- 0.187) | 0.22 (+/- 0.181) | 0.222 (+/- 0.19) | 0.212 (+/- 0.157) | 0.224 (+/- 0.22) | 0.253 (+/- 0.209) | 0.213 (+/- 0.174) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.317 (+/- 0.578) | 0.385 (+/- 0.66) | 0.412 (+/- 1.023) | 0.511 (+/- 2.651) | 0.383 (+/- 0.477) | 0.402 (+/- 0.635) | 0.449 (+/- 0.807) | 0.334 (+/- 0.34) | 0.65 (+/- 1.718) | 0.644 (+/- 1.516) | 0.413 (+/- 1.359) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.448 (+/- 0.407) | 0.395 (+/- 0.288) | 0.505 (+/- 0.499) | 0.431 (+/- 0.435) | 0.594 (+/- 0.589) | 0.459 (+/- 0.345) | 0.624 (+/- 0.569) | 0.516 (+/- 0.429) | 0.638 (+/- 0.615) | 0.641 (+/- 0.551) | 0.46 (+/- 0.42) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.274 (+/- 0.607) | 0.242 (+/- 0.494) | 0.485 (+/- 1.551) | 0.344 (+/- 1.201) | 0.574 (+/- 1.408) | 0.411 (+/- 0.796) | 0.718 (+/- 1.25) | 0.504 (+/- 0.87) | 0.384 (+/- 0.627) | 0.837 (+/- 1.878) | 0.37 (+/- 1.021) |
| UtteranceNumber  (pause\_features) | 2.507 (+/- 1.575) | 2.983 (+/- 2.011) | 2.85 (+/- 1.994) | 3.112 (+/- 1.992) | 2.952 (+/- 1.981) | 3.0 (+/- 1.884) | 3.105 (+/- 1.875) | 3.109 (+/- 1.757) | 3.517 (+/- 3.058) | 3.328 (+/- 2.008) | 2.945 (+/- 1.951) |
| PauseNumber  (pause\_features) | 1.534 (+/- 1.541) | 2.009 (+/- 1.978) | 1.89 (+/- 1.947) | 2.145 (+/- 1.949) | 1.976 (+/- 1.951) | 2.019 (+/- 1.859) | 2.132 (+/- 1.838) | 2.129 (+/- 1.727) | 2.517 (+/- 3.058) | 2.328 (+/- 2.008) | 1.971 (+/- 1.917) |
| AveragePauseLength  (pause\_features) | 0.444 (+/- 0.506) | 0.389 (+/- 0.429) | 0.454 (+/- 0.476) | 0.362 (+/- 0.374) | 0.532 (+/- 0.548) | 0.509 (+/- 0.729) | 0.71 (+/- 1.103) | 0.453 (+/- 0.384) | 0.482 (+/- 0.505) | 0.506 (+/- 0.374) | 0.433 (+/- 0.503) |
| StdPauseLength  (pause\_features) | 0.142 (+/- 0.2) | 0.16 (+/- 0.234) | 0.178 (+/- 0.282) | 0.169 (+/- 0.248) | 0.249 (+/- 0.374) | 0.165 (+/- 0.248) | 0.225 (+/- 0.365) | 0.24 (+/- 0.315) | 0.155 (+/- 0.159) | 0.319 (+/- 0.422) | 0.178 (+/- 0.268) |
| TimeToFirstPhonation  (pause\_features) | 0.495 (+/- 0.701) | 0.464 (+/- 0.656) | 0.505 (+/- 0.77) | 0.599 (+/- 0.801) | 0.77 (+/- 1.101) | 0.622 (+/- 0.841) | 0.296 (+/- 0.446) | 0.47 (+/- 0.671) | 0.592 (+/- 0.614) | 0.591 (+/- 0.816) | 0.534 (+/- 0.759) |
| TimeToLastPhonation  (pause\_features) | 4.46 (+/- 1.319) | 4.669 (+/- 1.4) | 4.84 (+/- 1.745) | 4.733 (+/- 1.577) | 4.932 (+/- 1.705) | 5.0 (+/- 1.568) | 5.075 (+/- 2.098) | 4.969 (+/- 1.528) | 5.543 (+/- 1.791) | 5.617 (+/- 1.768) | 4.788 (+/- 1.564) |
| UtterancePerMin  (pause\_features) | 29.209 (+/- 16.79) | 33.59 (+/- 19.041) | 29.516 (+/- 17.417) | 34.544 (+/- 20.944) | 30.709 (+/- 20.143) | 31.404 (+/- 18.583) | 30.392 (+/- 15.138) | 31.704 (+/- 16.668) | 30.685 (+/- 19.361) | 29.474 (+/- 13.686) | 31.839 (+/- 18.646) |
| WordsPerMin  (pause\_features) | 107.452 (+/- 25.629) | 103.691 (+/- 26.551) | 99.409 (+/- 27.928) | 103.023 (+/- 25.56) | 97.89 (+/- 26.489) | 97.087 (+/- 25.727) | 97.054 (+/- 30.052) | 95.07 (+/- 29.945) | 91.205 (+/- 30.7) | 87.467 (+/- 25.676) | 101.297 (+/- 27.126) |
| Duration  (pause\_features) | 5.23 (+/- 1.3) | 5.33 (+/- 1.322) | 5.835 (+/- 1.795) | 5.478 (+/- 1.455) | 5.877 (+/- 1.731) | 5.859 (+/- 1.638) | 6.207 (+/- 2.158) | 6.014 (+/- 1.741) | 6.577 (+/- 2.038) | 6.702 (+/- 1.985) | 5.606 (+/- 1.589) |