|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=323) | Twenties Female (18-29)   (N=613) | Thirties Male (30-39)   (N=263) | Thirties Female (30-39)   (N=444) | Fourties Male (40-49)   (N=105) | Fourties Female (40-49)   (N=213) | Fifties Male (50-59)   (N=40) | Fifties Female (50-59)   (N=126) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=81) | All (average)   (N=2269) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 24.601 (+/- 6.445) | 32.741 (+/- 6.465) | 24.415 (+/- 7.041) | 31.448 (+/- 8.095) | 24.488 (+/- 6.352) | 30.943 (+/- 8.28) | 24.528 (+/- 5.563) | 31.549 (+/- 5.973) | 25.623 (+/- 5.92) | 31.301 (+/- 5.857) | 29.419 (+/- 7.813) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.151 (+/- 0.12) | 0.11 (+/- 0.084) | 0.147 (+/- 0.112) | 0.106 (+/- 0.079) | 0.151 (+/- 0.117) | 0.11 (+/- 0.081) | 0.155 (+/- 0.123) | 0.114 (+/- 0.08) | 0.212 (+/- 0.136) | 0.133 (+/- 0.09) | 0.125 (+/- 0.098) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 22.278 (+/- 6.174) | 30.823 (+/- 7.015) | 22.008 (+/- 6.712) | 29.43 (+/- 8.119) | 21.897 (+/- 5.431) | 28.852 (+/- 8.269) | 22.231 (+/- 4.916) | 29.227 (+/- 6.526) | 22.199 (+/- 5.569) | 28.509 (+/- 6.493) | 27.231 (+/- 7.967) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 23.945 (+/- 6.453) | 32.859 (+/- 6.666) | 23.717 (+/- 6.908) | 31.445 (+/- 8.069) | 23.927 (+/- 6.604) | 30.877 (+/- 8.297) | 23.658 (+/- 5.161) | 31.571 (+/- 5.964) | 24.197 (+/- 5.655) | 31.353 (+/- 5.945) | 29.207 (+/- 8.012) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.087 (+/- 7.36) | 34.742 (+/- 6.722) | 26.506 (+/- 8.591) | 33.431 (+/- 8.793) | 26.701 (+/- 8.598) | 32.914 (+/- 8.843) | 25.784 (+/- 6.53) | 33.581 (+/- 6.214) | 28.343 (+/- 9.396) | 33.553 (+/- 5.973) | 31.37 (+/- 8.566) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 3.809 (+/- 4.367) | 3.919 (+/- 4.219) | 4.498 (+/- 5.449) | 4.001 (+/- 4.302) | 4.804 (+/- 5.887) | 4.062 (+/- 3.897) | 3.553 (+/- 3.095) | 4.354 (+/- 3.538) | 6.144 (+/- 7.234) | 5.043 (+/- 4.081) | 4.139 (+/- 4.501) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 156.505 (+/- 230.823) | 177.423 (+/- 257.962) | 171.207 (+/- 284.582) | 133.424 (+/- 178.003) | 180.934 (+/- 276.212) | 140.954 (+/- 171.333) | 211.384 (+/- 247.695) | 139.364 (+/- 196.002) | 319.996 (+/- 407.128) | 141.445 (+/- 158.373) | 161.311 (+/- 235.539) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 164.263 (+/- 297.441) | 151.345 (+/- 213.994) | 187.945 (+/- 334.097) | 135.548 (+/- 219.752) | 184.993 (+/- 294.225) | 147.15 (+/- 228.238) | 250.617 (+/- 337.006) | 138.979 (+/- 217.105) | 338.416 (+/- 405.354) | 180.505 (+/- 235.848) | 160.881 (+/- 259.086) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 67.942 (+/- 139.269) | 53.964 (+/- 84.021) | 61.507 (+/- 85.523) | 71.343 (+/- 145.245) | 74.899 (+/- 112.668) | 58.178 (+/- 116.903) | 72.496 (+/- 88.031) | 69.642 (+/- 115.983) | 63.765 (+/- 58.572) | 54.794 (+/- 61.832) | 63.068 (+/- 112.739) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 70.799 (+/- 153.75) | 64.041 (+/- 119.651) | 61.101 (+/- 108.064) | 83.646 (+/- 197.505) | 76.008 (+/- 169.513) | 67.249 (+/- 157.883) | 87.013 (+/- 199.003) | 84.068 (+/- 181.492) | 55.574 (+/- 63.072) | 65.365 (+/- 89.506) | 70.766 (+/- 151.575) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.283 (+/- 0.215) | 0.298 (+/- 0.248) | 0.336 (+/- 0.26) | 0.306 (+/- 0.255) | 0.269 (+/- 0.225) | 0.321 (+/- 0.248) | 0.312 (+/- 0.204) | 0.308 (+/- 0.215) | 0.281 (+/- 0.179) | 0.327 (+/- 0.224) | 0.304 (+/- 0.241) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.985 (+/- 0.393) | 1.014 (+/- 0.406) | 0.965 (+/- 0.387) | 1.008 (+/- 0.412) | 0.989 (+/- 0.406) | 1.031 (+/- 0.408) | 0.962 (+/- 0.398) | 1.104 (+/- 0.403) | 1.001 (+/- 0.445) | 1.051 (+/- 0.333) | 1.01 (+/- 0.403) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.078 (+/- 0.092) | 0.083 (+/- 0.109) | 0.105 (+/- 0.12) | 0.084 (+/- 0.104) | 0.084 (+/- 0.11) | 0.085 (+/- 0.108) | 0.119 (+/- 0.117) | 0.084 (+/- 0.083) | 0.08 (+/- 0.099) | 0.078 (+/- 0.086) | 0.085 (+/- 0.105) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.172 (+/- 0.167) | 0.184 (+/- 0.207) | 0.211 (+/- 0.213) | 0.181 (+/- 0.196) | 0.161 (+/- 0.186) | 0.174 (+/- 0.178) | 0.181 (+/- 0.154) | 0.151 (+/- 0.136) | 0.148 (+/- 0.143) | 0.174 (+/- 0.17) | 0.18 (+/- 0.19) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.478 (+/- 0.39) | 0.492 (+/- 0.412) | 0.553 (+/- 0.452) | 0.512 (+/- 0.467) | 0.429 (+/- 0.36) | 0.556 (+/- 0.475) | 0.467 (+/- 0.357) | 0.521 (+/- 0.419) | 0.495 (+/- 0.371) | 0.575 (+/- 0.451) | 0.508 (+/- 0.429) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.4 (+/- 0.354) | 0.41 (+/- 0.359) | 0.448 (+/- 0.402) | 0.428 (+/- 0.422) | 0.345 (+/- 0.315) | 0.471 (+/- 0.429) | 0.349 (+/- 0.323) | 0.436 (+/- 0.382) | 0.415 (+/- 0.356) | 0.497 (+/- 0.436) | 0.423 (+/- 0.385) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 5.09 (+/- 4.283) | 5.386 (+/- 4.425) | 6.168 (+/- 4.735) | 5.76 (+/- 4.852) | 4.712 (+/- 4.052) | 6.319 (+/- 4.959) | 5.865 (+/- 4.615) | 5.766 (+/- 4.667) | 5.149 (+/- 3.306) | 6.241 (+/- 4.74) | 5.627 (+/- 4.582) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.352 (+/- 3.11) | 3.683 (+/- 3.548) | 4.257 (+/- 3.528) | 3.925 (+/- 3.631) | 3.261 (+/- 2.877) | 4.287 (+/- 3.605) | 4.44 (+/- 3.508) | 3.983 (+/- 3.541) | 3.342 (+/- 2.114) | 4.242 (+/- 3.744) | 3.837 (+/- 3.47) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 4.198 (+/- 3.55) | 4.28 (+/- 4.017) | 5.209 (+/- 4.216) | 4.548 (+/- 4.057) | 4.476 (+/- 6.314) | 5.032 (+/- 3.897) | 4.853 (+/- 3.974) | 4.517 (+/- 3.524) | 4.305 (+/- 3.199) | 4.899 (+/- 3.923) | 4.563 (+/- 4.071) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.803 (+/- 2.67) | 2.902 (+/- 2.689) | 3.532 (+/- 3.111) | 3.013 (+/- 2.708) | 2.952 (+/- 3.707) | 3.293 (+/- 2.575) | 3.451 (+/- 2.727) | 3.191 (+/- 2.525) | 3.094 (+/- 2.71) | 3.193 (+/- 2.48) | 3.071 (+/- 2.78) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.029 (+/- 0.016) | 0.026 (+/- 0.015) | 0.03 (+/- 0.019) | 0.024 (+/- 0.013) | 0.03 (+/- 0.017) | 0.024 (+/- 0.012) | 0.028 (+/- 0.009) | 0.025 (+/- 0.012) | 0.035 (+/- 0.022) | 0.027 (+/- 0.013) | 0.027 (+/- 0.015) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 1.141 (+/- 0.546) | 1.442 (+/- 0.587) | 1.14 (+/- 0.526) | 1.366 (+/- 0.63) | 1.157 (+/- 0.519) | 1.337 (+/- 0.613) | 1.085 (+/- 0.486) | 1.357 (+/- 0.567) | 1.328 (+/- 0.578) | 1.409 (+/- 0.491) | 1.312 (+/- 0.59) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.279 (+/- 0.473) | 1.077 (+/- 0.346) | 1.293 (+/- 0.496) | 1.075 (+/- 0.37) | 1.297 (+/- 0.46) | 1.068 (+/- 0.354) | 1.245 (+/- 0.376) | 1.08 (+/- 0.302) | 1.409 (+/- 0.48) | 1.155 (+/- 0.314) | 1.153 (+/- 0.41) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.812 (+/- 0.252) | 0.902 (+/- 0.246) | 0.805 (+/- 0.256) | 0.855 (+/- 0.268) | 0.818 (+/- 0.259) | 0.828 (+/- 0.268) | 0.797 (+/- 0.225) | 0.851 (+/- 0.222) | 0.768 (+/- 0.193) | 0.83 (+/- 0.22) | 0.848 (+/- 0.255) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 4.503 (+/- 2.097) | 8.075 (+/- 2.49) | 4.209 (+/- 2.308) | 7.331 (+/- 2.555) | 4.212 (+/- 2.094) | 7.056 (+/- 2.595) | 4.266 (+/- 1.646) | 7.411 (+/- 2.209) | 4.334 (+/- 1.827) | 6.721 (+/- 2.068) | 6.471 (+/- 2.844) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.671 (+/- 2.499) | 0.049 (+/- 9.296) | 0.465 (+/- 1.711) | 0.44 (+/- 0.31) | 0.591 (+/- 0.845) | 0.44 (+/- 0.245) | 0.544 (+/- 0.268) | 0.438 (+/- 0.223) | 0.651 (+/- 0.398) | 0.56 (+/- 0.616) | 0.388 (+/- 4.97) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 5.105 (+/- 7.284) | 6.27 (+/- 6.279) | 3.876 (+/- 7.027) | 4.962 (+/- 6.291) | 4.272 (+/- 7.59) | 4.481 (+/- 5.942) | 1.923 (+/- 11.462) | 5.525 (+/- 5.09) | 2.564 (+/- 5.319) | 5.966 (+/- 7.209) | 5.105 (+/- 6.708) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 1.299 (+/- 139.114) | 2.129 (+/- 26.495) | 0.3 (+/- 30.914) | -4.231 (+/- 60.643) | -0.528 (+/- 26.774) | 1.146 (+/- 7.864) | 1.76 (+/- 12.889) | 1.039 (+/- 84.832) | 3.627 (+/- 10.465) | 1.373 (+/- 5.383) | 0.253 (+/- 65.0) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 21.406 (+/- 9.672) | 21.667 (+/- 8.374) | 19.715 (+/- 9.739) | 19.804 (+/- 8.492) | 20.611 (+/- 9.603) | 19.144 (+/- 8.517) | 19.857 (+/- 14.481) | 21.305 (+/- 7.63) | 20.592 (+/- 10.193) | 21.926 (+/- 7.546) | 20.686 (+/- 8.99) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.408 (+/- 3.831) | 0.555 (+/- 1.148) | 0.485 (+/- 1.029) | 0.486 (+/- 1.855) | 0.527 (+/- 0.481) | 0.568 (+/- 2.503) | 0.423 (+/- 0.349) | 0.652 (+/- 0.799) | 0.549 (+/- 1.011) | 0.64 (+/- 0.921) | 0.517 (+/- 1.985) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 565.325 (+/- 139.918) | 663.163 (+/- 130.41) | 573.232 (+/- 157.763) | 637.596 (+/- 163.281) | 564.44 (+/- 146.972) | 643.353 (+/- 169.251) | 589.237 (+/- 149.221) | 652.89 (+/- 122.701) | 600.408 (+/- 140.121) | 652.167 (+/- 119.242) | 623.976 (+/- 151.148) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.28 (+/- 0.09) | 0.227 (+/- 0.07) | 0.278 (+/- 0.091) | 0.226 (+/- 0.073) | 0.289 (+/- 0.088) | 0.228 (+/- 0.08) | 0.29 (+/- 0.077) | 0.235 (+/- 0.065) | 0.315 (+/- 0.08) | 0.25 (+/- 0.06) | 0.247 (+/- 0.082) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1361.305 (+/- 272.215) | 1345.715 (+/- 245.561) | 1355.988 (+/- 292.511) | 1332.192 (+/- 324.07) | 1365.284 (+/- 256.456) | 1326.135 (+/- 334.444) | 1405.828 (+/- 246.737) | 1386.629 (+/- 229.791) | 1381.813 (+/- 247.842) | 1394.496 (+/- 235.631) | 1351.8 (+/- 280.0) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.147 (+/- 0.058) | 0.156 (+/- 0.047) | 0.155 (+/- 0.072) | 0.149 (+/- 0.051) | 0.151 (+/- 0.058) | 0.149 (+/- 0.053) | 0.164 (+/- 0.063) | 0.154 (+/- 0.047) | 0.169 (+/- 0.066) | 0.152 (+/- 0.04) | 0.153 (+/- 0.055) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -146.231 (+/- 27.17) | -140.303 (+/- 27.55) | -145.872 (+/- 29.657) | -142.135 (+/- 29.906) | -148.929 (+/- 31.096) | -144.043 (+/- 26.704) | -155.666 (+/- 23.881) | -145.388 (+/- 26.832) | -145.319 (+/- 30.509) | -138.089 (+/- 25.383) | -143.539 (+/- 28.304) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.57 (+/- 0.22) | -0.609 (+/- 0.221) | -0.569 (+/- 0.236) | -0.599 (+/- 0.246) | -0.541 (+/- 0.222) | -0.586 (+/- 0.226) | -0.498 (+/- 0.173) | -0.576 (+/- 0.203) | -0.576 (+/- 0.227) | -0.64 (+/- 0.206) | -0.588 (+/- 0.227) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1499.191 (+/- 298.045) | 1625.704 (+/- 290.658) | 1496.684 (+/- 318.129) | 1558.168 (+/- 374.124) | 1498.474 (+/- 285.36) | 1549.766 (+/- 387.401) | 1506.191 (+/- 274.846) | 1593.18 (+/- 261.433) | 1514.721 (+/- 273.399) | 1574.873 (+/- 263.108) | 1558.916 (+/- 322.314) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.127 (+/- 0.042) | 0.124 (+/- 0.038) | 0.126 (+/- 0.041) | 0.12 (+/- 0.038) | 0.128 (+/- 0.037) | 0.118 (+/- 0.04) | 0.135 (+/- 0.037) | 0.121 (+/- 0.032) | 0.146 (+/- 0.041) | 0.13 (+/- 0.032) | 0.124 (+/- 0.039) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -148.087 (+/- 25.944) | -140.884 (+/- 26.664) | -147.192 (+/- 28.4) | -142.716 (+/- 28.986) | -150.588 (+/- 29.503) | -144.493 (+/- 26.112) | -156.867 (+/- 23.288) | -146.138 (+/- 25.587) | -145.99 (+/- 29.313) | -138.794 (+/- 24.882) | -144.443 (+/- 27.357) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.53 (+/- 0.197) | -0.574 (+/- 0.197) | -0.535 (+/- 0.212) | -0.566 (+/- 0.224) | -0.504 (+/- 0.196) | -0.557 (+/- 0.207) | -0.469 (+/- 0.16) | -0.545 (+/- 0.18) | -0.547 (+/- 0.204) | -0.606 (+/- 0.189) | -0.554 (+/- 0.205) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2424.426 (+/- 466.862) | 2545.825 (+/- 443.709) | 2410.866 (+/- 490.135) | 2457.935 (+/- 581.604) | 2429.562 (+/- 434.362) | 2442.1 (+/- 603.037) | 2446.965 (+/- 410.592) | 2526.252 (+/- 406.232) | 2450.218 (+/- 420.573) | 2516.372 (+/- 410.657) | 2475.451 (+/- 495.013) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.077 (+/- 0.026) | 0.083 (+/- 0.024) | 0.075 (+/- 0.026) | 0.081 (+/- 0.027) | 0.077 (+/- 0.024) | 0.08 (+/- 0.028) | 0.079 (+/- 0.025) | 0.085 (+/- 0.025) | 0.09 (+/- 0.025) | 0.085 (+/- 0.021) | 0.081 (+/- 0.026) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -149.272 (+/- 25.531) | -142.212 (+/- 26.272) | -148.304 (+/- 28.001) | -144.072 (+/- 28.624) | -151.734 (+/- 28.974) | -145.919 (+/- 25.593) | -157.959 (+/- 22.984) | -147.762 (+/- 24.698) | -147.447 (+/- 28.612) | -140.721 (+/- 24.463) | -145.77 (+/- 26.91) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.512 (+/- 0.191) | -0.554 (+/- 0.19) | -0.517 (+/- 0.205) | -0.545 (+/- 0.215) | -0.486 (+/- 0.188) | -0.535 (+/- 0.199) | -0.452 (+/- 0.156) | -0.521 (+/- 0.172) | -0.523 (+/- 0.19) | -0.576 (+/- 0.18) | -0.533 (+/- 0.197) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -14.546 (+/- 6.022) | -14.948 (+/- 5.943) | -13.427 (+/- 6.465) | -12.977 (+/- 5.916) | -14.345 (+/- 6.372) | -12.309 (+/- 5.795) | -14.445 (+/- 6.65) | -13.899 (+/- 5.917) | -14.012 (+/- 5.781) | -12.814 (+/- 5.026) | -13.879 (+/- 6.07) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -1.43 (+/- 14.825) | -0.331 (+/- 5.141) | -0.649 (+/- 1.834) | -0.877 (+/- 2.831) | -0.425 (+/- 0.847) | 1.527 (+/- 32.11) | -0.672 (+/- 0.72) | -0.457 (+/- 3.076) | -0.734 (+/- 0.64) | -0.727 (+/- 0.511) | -0.497 (+/- 11.761) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.66 (+/- 7.767) | 24.408 (+/- 7.654) | 22.792 (+/- 7.81) | 22.583 (+/- 7.873) | 23.741 (+/- 8.233) | 21.827 (+/- 8.025) | 24.189 (+/- 8.714) | 24.113 (+/- 7.491) | 24.171 (+/- 7.627) | 23.434 (+/- 6.669) | 23.421 (+/- 7.822) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.384 (+/- 0.258) | 0.417 (+/- 0.292) | 0.396 (+/- 0.444) | 0.423 (+/- 0.224) | 0.413 (+/- 0.439) | 0.427 (+/- 0.245) | 0.386 (+/- 0.266) | 0.42 (+/- 0.221) | 0.45 (+/- 0.276) | 0.425 (+/- 0.2) | 0.414 (+/- 0.313) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.021 (+/- 0.032) | 0.045 (+/- 0.032) | 0.021 (+/- 0.032) | 0.044 (+/- 0.032) | 0.024 (+/- 0.037) | 0.046 (+/- 0.034) | 0.017 (+/- 0.036) | 0.037 (+/- 0.029) | 0.032 (+/- 0.039) | 0.045 (+/- 0.028) | 0.036 (+/- 0.034) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -0.103 (+/- 5.64) | -0.505 (+/- 22.593) | -1.729 (+/- 42.888) | 0.359 (+/- 2.177) | 7.162 (+/- 64.229) | 0.215 (+/- 3.141) | -20.499 (+/- 137.018) | 0.61 (+/- 3.006) | 7.63 (+/- 57.192) | 0.562 (+/- 2.567) | -0.103 (+/- 30.736) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.013 (+/- 0.012) | -0.017 (+/- 0.011) | -0.013 (+/- 0.013) | -0.016 (+/- 0.011) | -0.013 (+/- 0.011) | -0.017 (+/- 0.012) | -0.015 (+/- 0.013) | -0.016 (+/- 0.012) | -0.015 (+/- 0.012) | -0.017 (+/- 0.011) | -0.015 (+/- 0.012) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | 4.222 (+/- 84.546) | 6.939 (+/- 204.11) | -0.061 (+/- 26.839) | 2.347 (+/- 45.833) | -1.268 (+/- 3.69) | -0.91 (+/- 3.538) | -2.004 (+/- 9.871) | -0.636 (+/- 2.091) | 0.366 (+/- 8.019) | 0.855 (+/- 19.402) | 2.747 (+/- 113.116) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -8.558 (+/- 6.333) | -8.382 (+/- 6.058) | -9.074 (+/- 6.372) | -8.462 (+/- 6.478) | -8.74 (+/- 6.353) | -8.015 (+/- 6.8) | -9.532 (+/- 7.043) | -9.147 (+/- 7.164) | -7.102 (+/- 6.749) | -7.817 (+/- 6.768) | -8.489 (+/- 6.421) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 17.574 (+/- 7.487) | 17.092 (+/- 7.315) | 18.164 (+/- 7.573) | 17.262 (+/- 7.844) | 17.496 (+/- 8.023) | 16.904 (+/- 8.301) | 18.537 (+/- 8.489) | 18.497 (+/- 8.303) | 16.495 (+/- 7.822) | 17.069 (+/- 8.029) | 17.393 (+/- 7.718) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.013 (+/- 0.034) | 0.019 (+/- 0.036) | 0.008 (+/- 0.035) | 0.019 (+/- 0.038) | 0.017 (+/- 0.039) | 0.024 (+/- 0.043) | 0.01 (+/- 0.041) | 0.013 (+/- 0.036) | 0.024 (+/- 0.044) | 0.016 (+/- 0.036) | 0.017 (+/- 0.037) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.012 (+/- 0.012) | 0.012 (+/- 0.013) | 0.01 (+/- 0.013) | 0.012 (+/- 0.014) | 0.012 (+/- 0.014) | 0.012 (+/- 0.013) | 0.007 (+/- 0.011) | 0.011 (+/- 0.012) | 0.012 (+/- 0.012) | 0.013 (+/- 0.013) | 0.012 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 2.571 (+/- 1.584) | 2.38 (+/- 1.19) | 2.533 (+/- 1.554) | 2.38 (+/- 1.641) | 2.221 (+/- 1.124) | 2.331 (+/- 1.486) | 1.936 (+/- 1.041) | 1.933 (+/- 1.131) | 2.492 (+/- 1.899) | 1.977 (+/- 0.702) | 2.366 (+/- 1.421) |
| VoicedSegmentsPerSec  (opensmile\_features) | 1.612 (+/- 0.907) | 1.57 (+/- 0.843) | 1.658 (+/- 0.959) | 1.472 (+/- 0.845) | 1.433 (+/- 0.723) | 1.412 (+/- 0.713) | 1.324 (+/- 0.749) | 1.346 (+/- 0.782) | 1.481 (+/- 0.647) | 1.571 (+/- 0.829) | 1.526 (+/- 0.845) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.193 (+/- 0.119) | 0.231 (+/- 0.136) | 0.181 (+/- 0.111) | 0.228 (+/- 0.136) | 0.189 (+/- 0.119) | 0.216 (+/- 0.114) | 0.195 (+/- 0.112) | 0.254 (+/- 0.181) | 0.214 (+/- 0.157) | 0.221 (+/- 0.084) | 0.216 (+/- 0.131) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.114 (+/- 0.085) | 0.141 (+/- 0.097) | 0.129 (+/- 0.1) | 0.144 (+/- 0.099) | 0.126 (+/- 0.098) | 0.148 (+/- 0.088) | 0.126 (+/- 0.077) | 0.148 (+/- 0.149) | 0.174 (+/- 0.229) | 0.156 (+/- 0.069) | 0.138 (+/- 0.102) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.779 (+/- 3.478) | 0.654 (+/- 1.827) | 0.698 (+/- 1.773) | 0.765 (+/- 1.62) | 1.125 (+/- 3.986) | 1.25 (+/- 4.986) | 0.738 (+/- 0.549) | 0.615 (+/- 0.554) | 1.358 (+/- 5.066) | 0.508 (+/- 0.367) | 0.78 (+/- 2.657) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.441 (+/- 0.434) | 0.466 (+/- 0.613) | 0.515 (+/- 0.696) | 0.508 (+/- 0.438) | 0.592 (+/- 0.473) | 0.589 (+/- 1.052) | 0.84 (+/- 0.753) | 0.589 (+/- 0.56) | 0.534 (+/- 0.488) | 0.56 (+/- 0.4) | 0.513 (+/- 0.616) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 5.332 (+/- 7.056) | 5.25 (+/- 6.24) | 6.929 (+/- 9.812) | 5.739 (+/- 6.759) | 6.882 (+/- 7.701) | 6.294 (+/- 6.784) | 10.968 (+/- 10.265) | 6.315 (+/- 7.658) | 7.509 (+/- 8.158) | 8.367 (+/- 8.11) | 6.05 (+/- 7.413) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 7.634 (+/- 10.138) | 7.669 (+/- 8.854) | 9.594 (+/- 12.466) | 8.513 (+/- 9.316) | 10.739 (+/- 12.153) | 9.797 (+/- 10.224) | 19.341 (+/- 19.025) | 9.879 (+/- 11.269) | 11.181 (+/- 11.141) | 12.821 (+/- 11.36) | 8.996 (+/- 10.6) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 2.302 (+/- 4.34) | 2.419 (+/- 3.833) | 2.665 (+/- 4.676) | 2.774 (+/- 3.537) | 3.857 (+/- 6.049) | 3.503 (+/- 5.101) | 8.373 (+/- 10.998) | 3.564 (+/- 4.81) | 3.672 (+/- 4.221) | 4.454 (+/- 4.34) | 2.947 (+/- 4.603) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.294 (+/- 0.18) | 0.314 (+/- 0.18) | 0.289 (+/- 0.186) | 0.308 (+/- 0.185) | 0.336 (+/- 0.177) | 0.331 (+/- 0.183) | 0.383 (+/- 0.197) | 0.351 (+/- 0.179) | 0.321 (+/- 0.16) | 0.346 (+/- 0.15) | 0.315 (+/- 0.181) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.725 (+/- 2.967) | 0.634 (+/- 0.887) | 0.553 (+/- 0.713) | 0.603 (+/- 0.71) | 0.645 (+/- 0.561) | 0.725 (+/- 1.53) | 0.828 (+/- 0.712) | 0.74 (+/- 0.919) | 0.59 (+/- 0.54) | 0.652 (+/- 0.631) | 0.649 (+/- 1.392) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.489 (+/- 1.104) | 0.465 (+/- 0.362) | 0.453 (+/- 0.403) | 0.496 (+/- 0.359) | 0.546 (+/- 0.409) | 0.57 (+/- 0.488) | 0.595 (+/- 0.369) | 0.545 (+/- 0.38) | 0.927 (+/- 2.506) | 0.565 (+/- 0.402) | 0.506 (+/- 0.638) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.765 (+/- 11.214) | 0.226 (+/- 0.773) | 0.258 (+/- 0.783) | 0.252 (+/- 0.458) | 0.26 (+/- 0.349) | 0.412 (+/- 1.763) | 0.404 (+/- 0.572) | 0.318 (+/- 0.602) | 7.066 (+/- 40.384) | 0.384 (+/- 0.725) | 0.457 (+/- 6.773) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 4.853 (+/- 6.412) | 4.838 (+/- 5.872) | 6.443 (+/- 9.262) | 5.18 (+/- 5.838) | 6.296 (+/- 7.206) | 5.747 (+/- 6.271) | 10.022 (+/- 9.404) | 5.779 (+/- 7.022) | 6.905 (+/- 7.703) | 7.818 (+/- 7.723) | 5.545 (+/- 6.835) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 7.155 (+/- 10.103) | 7.209 (+/- 8.818) | 9.195 (+/- 12.493) | 7.971 (+/- 9.254) | 10.181 (+/- 12.179) | 9.346 (+/- 10.063) | 19.014 (+/- 18.978) | 9.384 (+/- 11.343) | 10.697 (+/- 11.238) | 12.322 (+/- 11.421) | 8.518 (+/- 10.577) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 2.302 (+/- 5.027) | 2.37 (+/- 4.152) | 2.752 (+/- 5.171) | 2.791 (+/- 4.194) | 3.885 (+/- 6.518) | 3.598 (+/- 5.556) | 8.992 (+/- 11.783) | 3.605 (+/- 5.455) | 3.791 (+/- 4.689) | 4.505 (+/- 4.717) | 2.973 (+/- 5.112) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.268 (+/- 0.204) | 0.286 (+/- 0.195) | 0.262 (+/- 0.206) | 0.28 (+/- 0.199) | 0.323 (+/- 0.217) | 0.323 (+/- 0.207) | 0.404 (+/- 0.219) | 0.321 (+/- 0.205) | 0.325 (+/- 0.185) | 0.338 (+/- 0.176) | 0.292 (+/- 0.203) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.614 (+/- 1.506) | 0.579 (+/- 0.957) | 0.538 (+/- 0.874) | 0.556 (+/- 0.749) | 0.695 (+/- 0.741) | 1.026 (+/- 5.223) | 0.992 (+/- 1.018) | 0.701 (+/- 1.058) | 0.642 (+/- 0.647) | 0.679 (+/- 0.776) | 0.641 (+/- 1.867) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.536 (+/- 1.113) | 0.498 (+/- 0.381) | 0.504 (+/- 0.409) | 0.548 (+/- 0.426) | 0.596 (+/- 0.441) | 0.623 (+/- 0.756) | 0.613 (+/- 0.414) | 0.616 (+/- 0.389) | 0.577 (+/- 0.434) | 0.589 (+/- 0.372) | 0.545 (+/- 0.596) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.807 (+/- 11.201) | 0.268 (+/- 0.865) | 0.282 (+/- 0.736) | 0.319 (+/- 0.645) | 0.338 (+/- 0.644) | 0.51 (+/- 2.574) | 0.473 (+/- 0.664) | 0.375 (+/- 0.713) | 0.371 (+/- 0.818) | 0.408 (+/- 0.753) | 0.4 (+/- 4.353) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 3.879 (+/- 5.218) | 4.038 (+/- 4.843) | 5.468 (+/- 8.191) | 4.287 (+/- 5.018) | 5.038 (+/- 6.54) | 4.804 (+/- 5.195) | 7.838 (+/- 8.094) | 5.007 (+/- 6.192) | 5.958 (+/- 6.913) | 6.685 (+/- 6.873) | 4.608 (+/- 5.848) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 6.152 (+/- 8.667) | 6.428 (+/- 8.521) | 8.444 (+/- 12.342) | 7.222 (+/- 8.811) | 9.271 (+/- 12.26) | 8.382 (+/- 9.729) | 17.754 (+/- 18.7) | 8.76 (+/- 11.219) | 9.91 (+/- 11.17) | 11.608 (+/- 11.429) | 7.698 (+/- 10.177) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 2.274 (+/- 4.95) | 2.39 (+/- 4.652) | 2.977 (+/- 6.759) | 2.935 (+/- 4.752) | 4.233 (+/- 7.992) | 3.578 (+/- 5.89) | 9.917 (+/- 13.587) | 3.753 (+/- 6.006) | 3.952 (+/- 5.139) | 4.923 (+/- 5.566) | 3.09 (+/- 5.802) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.259 (+/- 0.229) | 0.27 (+/- 0.215) | 0.24 (+/- 0.217) | 0.293 (+/- 0.231) | 0.33 (+/- 0.261) | 0.311 (+/- 0.235) | 0.425 (+/- 0.263) | 0.316 (+/- 0.232) | 0.316 (+/- 0.208) | 0.364 (+/- 0.192) | 0.287 (+/- 0.228) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.92 (+/- 4.164) | 0.728 (+/- 4.369) | 0.505 (+/- 0.792) | 0.813 (+/- 2.128) | 2.023 (+/- 9.31) | 0.714 (+/- 0.909) | 1.984 (+/- 5.499) | 0.943 (+/- 2.768) | 0.654 (+/- 0.708) | 0.798 (+/- 0.906) | 0.84 (+/- 3.712) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.734 (+/- 2.056) | 0.606 (+/- 0.863) | 0.609 (+/- 0.685) | 0.628 (+/- 0.592) | 0.796 (+/- 1.055) | 0.628 (+/- 0.477) | 0.949 (+/- 0.995) | 0.74 (+/- 0.612) | 0.71 (+/- 0.613) | 0.683 (+/- 0.456) | 0.659 (+/- 1.029) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 2.054 (+/- 19.207) | 0.94 (+/- 7.961) | 0.562 (+/- 1.793) | 0.736 (+/- 3.678) | 1.445 (+/- 9.174) | 0.448 (+/- 0.974) | 1.544 (+/- 3.797) | 0.734 (+/- 2.297) | 0.563 (+/- 1.492) | 0.528 (+/- 0.761) | 0.967 (+/- 8.804) |
| UtteranceNumber  (pause\_features) | 4.578 (+/- 5.553) | 5.183 (+/- 6.594) | 5.312 (+/- 6.808) | 5.559 (+/- 6.493) | 6.376 (+/- 7.175) | 6.192 (+/- 7.148) | 11.735 (+/- 11.15) | 6.22 (+/- 8.813) | 6.8 (+/- 6.529) | 8.18 (+/- 7.086) | 5.689 (+/- 6.93) |
| PauseNumber  (pause\_features) | 3.595 (+/- 5.54) | 4.202 (+/- 6.58) | 4.342 (+/- 6.786) | 4.587 (+/- 6.471) | 5.4 (+/- 7.156) | 5.205 (+/- 7.138) | 10.765 (+/- 11.12) | 5.24 (+/- 8.8) | 5.8 (+/- 6.529) | 7.18 (+/- 7.086) | 4.709 (+/- 6.915) |
| AveragePauseLength  (pause\_features) | 0.523 (+/- 0.38) | 0.545 (+/- 0.444) | 0.579 (+/- 0.491) | 0.618 (+/- 0.503) | 0.625 (+/- 0.528) | 0.72 (+/- 0.618) | 0.892 (+/- 0.562) | 0.751 (+/- 0.551) | 0.65 (+/- 0.508) | 0.713 (+/- 0.441) | 0.613 (+/- 0.499) |
| StdPauseLength  (pause\_features) | 0.247 (+/- 0.296) | 0.268 (+/- 0.369) | 0.294 (+/- 0.445) | 0.352 (+/- 0.432) | 0.375 (+/- 0.455) | 0.366 (+/- 0.417) | 0.607 (+/- 0.622) | 0.453 (+/- 0.512) | 0.322 (+/- 0.389) | 0.463 (+/- 0.357) | 0.329 (+/- 0.417) |
| TimeToFirstPhonation  (pause\_features) | 0.439 (+/- 0.566) | 0.449 (+/- 0.554) | 0.433 (+/- 0.685) | 0.509 (+/- 0.719) | 0.557 (+/- 0.656) | 0.533 (+/- 0.782) | 0.285 (+/- 0.551) | 0.451 (+/- 1.023) | 0.543 (+/- 0.633) | 0.518 (+/- 0.667) | 0.475 (+/- 0.679) |
| TimeToLastPhonation  (pause\_features) | 7.736 (+/- 9.453) | 8.352 (+/- 9.69) | 9.938 (+/- 12.876) | 9.252 (+/- 10.095) | 11.112 (+/- 12.142) | 10.809 (+/- 10.852) | 21.446 (+/- 19.458) | 10.459 (+/- 12.006) | 11.906 (+/- 11.348) | 14.08 (+/- 11.987) | 9.7 (+/- 11.172) |
| UtterancePerMin  (pause\_features) | 35.349 (+/- 18.344) | 36.343 (+/- 18.189) | 32.977 (+/- 17.593) | 33.352 (+/- 16.842) | 35.699 (+/- 20.914) | 33.566 (+/- 16.332) | 32.63 (+/- 13.836) | 33.943 (+/- 17.89) | 33.17 (+/- 13.065) | 34.409 (+/- 13.507) | 34.576 (+/- 17.593) |
| WordsPerMin  (pause\_features) | 71.109 (+/- 38.188) | 65.59 (+/- 35.304) | 70.972 (+/- 37.841) | 62.246 (+/- 34.809) | 67.056 (+/- 34.953) | 61.032 (+/- 31.657) | 57.667 (+/- 32.988) | 51.192 (+/- 27.066) | 63.894 (+/- 39.268) | 56.632 (+/- 25.896) | 64.525 (+/- 35.241) |
| Duration  (pause\_features) | 8.494 (+/- 9.528) | 9.079 (+/- 9.918) | 10.96 (+/- 12.864) | 10.153 (+/- 10.146) | 11.86 (+/- 12.088) | 11.717 (+/- 11.178) | 22.551 (+/- 19.581) | 11.491 (+/- 12.031) | 12.843 (+/- 11.471) | 15.229 (+/- 11.878) | 10.564 (+/- 11.29) |