|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Feature | Twenties Male (18-29)   (N=371) | Twenties Female (18-29)   (N=667) | Thirties Male (30-39)   (N=289) | Thirties Female (30-39)   (N=478) | Fourties Male (40-49)   (N=113) | Fourties Female (40-49)   (N=231) | Fifties Male (50-59)   (N=42) | Fifties Female (50-59)   (N=129) | Over Sixty Male (>60)   (N=37) | Over Sixty Female (>60)   (N=82) | All (average)   (N=2465) |
| F0semitoneFrom27.5Hz\_sma3nz\_amean  (opensmile\_features) | 25.475 (+/- 7.77) | 34.2 (+/- 7.181) | 25.78 (+/- 7.149) | 33.367 (+/- 6.98) | 26.327 (+/- 6.046) | 32.166 (+/- 8.492) | 26.556 (+/- 4.161) | 32.596 (+/- 6.571) | 26.03 (+/- 6.669) | 33.309 (+/- 4.708) | 30.797 (+/- 8.064) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevNorm  (opensmile\_features) | 0.095 (+/- 0.095) | 0.08 (+/- 0.085) | 0.095 (+/- 0.089) | 0.082 (+/- 0.087) | 0.101 (+/- 0.105) | 0.079 (+/- 0.08) | 0.083 (+/- 0.073) | 0.086 (+/- 0.092) | 0.121 (+/- 0.103) | 0.1 (+/- 0.096) | 0.087 (+/- 0.089) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile20.0  (opensmile\_features) | 23.788 (+/- 7.282) | 32.895 (+/- 7.638) | 24.146 (+/- 7.086) | 31.809 (+/- 7.449) | 24.377 (+/- 5.952) | 30.601 (+/- 8.779) | 25.141 (+/- 3.873) | 31.025 (+/- 6.914) | 23.923 (+/- 6.276) | 30.932 (+/- 6.386) | 29.228 (+/- 8.302) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile50.0  (opensmile\_features) | 25.168 (+/- 7.713) | 34.369 (+/- 7.487) | 25.718 (+/- 7.389) | 33.487 (+/- 7.102) | 25.956 (+/- 6.048) | 32.202 (+/- 8.583) | 26.273 (+/- 4.245) | 32.643 (+/- 7.252) | 25.068 (+/- 6.9) | 33.498 (+/- 5.002) | 30.79 (+/- 8.313) |
| F0semitoneFrom27.5Hz\_sma3nz\_percentile80.0  (opensmile\_features) | 26.961 (+/- 9.165) | 35.739 (+/- 7.555) | 27.178 (+/- 7.924) | 34.904 (+/- 7.499) | 27.958 (+/- 7.299) | 33.554 (+/- 8.767) | 27.785 (+/- 4.716) | 34.49 (+/- 6.866) | 27.913 (+/- 7.563) | 35.155 (+/- 4.712) | 32.327 (+/- 8.664) |
| F0semitoneFrom27.5Hz\_sma3nz\_pctlrange0-2  (opensmile\_features) | 3.173 (+/- 4.943) | 2.843 (+/- 4.468) | 3.032 (+/- 4.085) | 3.094 (+/- 4.844) | 3.58 (+/- 5.288) | 2.953 (+/- 3.92) | 2.644 (+/- 2.663) | 3.465 (+/- 4.732) | 3.991 (+/- 4.927) | 4.224 (+/- 5.514) | 3.099 (+/- 4.602) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanRisingSlope  (opensmile\_features) | 198.553 (+/- 294.849) | 247.401 (+/- 282.411) | 194.424 (+/- 205.388) | 218.044 (+/- 238.722) | 226.728 (+/- 294.045) | 192.397 (+/- 189.532) | 225.901 (+/- 245.082) | 205.527 (+/- 200.648) | 262.697 (+/- 255.966) | 250.763 (+/- 253.934) | 219.404 (+/- 255.137) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevRisingSlope  (opensmile\_features) | 145.218 (+/- 204.478) | 199.526 (+/- 221.268) | 155.997 (+/- 206.573) | 181.057 (+/- 215.134) | 172.21 (+/- 256.35) | 177.538 (+/- 189.869) | 147.573 (+/- 149.48) | 187.237 (+/- 203.431) | 207.51 (+/- 254.154) | 213.935 (+/- 225.442) | 178.494 (+/- 214.575) |
| F0semitoneFrom27.5Hz\_sma3nz\_meanFallingSlope  (opensmile\_features) | 44.018 (+/- 76.077) | 49.88 (+/- 125.921) | 41.178 (+/- 57.41) | 46.76 (+/- 84.361) | 70.625 (+/- 126.945) | 38.944 (+/- 49.858) | 44.005 (+/- 56.84) | 36.456 (+/- 40.44) | 57.387 (+/- 75.982) | 47.657 (+/- 49.934) | 46.481 (+/- 91.197) |
| F0semitoneFrom27.5Hz\_sma3nz\_stddevFallingSlope  (opensmile\_features) | 34.676 (+/- 62.196) | 38.947 (+/- 80.002) | 32.924 (+/- 46.237) | 41.068 (+/- 99.065) | 70.198 (+/- 165.927) | 32.115 (+/- 48.932) | 38.238 (+/- 62.217) | 28.728 (+/- 39.084) | 55.94 (+/- 122.553) | 40.444 (+/- 56.739) | 38.771 (+/- 81.424) |
| loudness\_sma3\_amean  (opensmile\_features) | 0.337 (+/- 0.297) | 0.339 (+/- 0.292) | 0.408 (+/- 0.342) | 0.349 (+/- 0.318) | 0.33 (+/- 0.276) | 0.374 (+/- 0.32) | 0.418 (+/- 0.27) | 0.406 (+/- 0.307) | 0.347 (+/- 0.248) | 0.391 (+/- 0.271) | 0.359 (+/- 0.306) |
| loudness\_sma3\_stddevNorm  (opensmile\_features) | 0.864 (+/- 0.367) | 0.926 (+/- 0.347) | 0.857 (+/- 0.339) | 0.928 (+/- 0.38) | 0.867 (+/- 0.391) | 0.953 (+/- 0.39) | 0.829 (+/- 0.261) | 0.943 (+/- 0.349) | 0.918 (+/- 0.365) | 0.996 (+/- 0.355) | 0.91 (+/- 0.363) |
| loudness\_sma3\_percentile20.0  (opensmile\_features) | 0.111 (+/- 0.14) | 0.1 (+/- 0.109) | 0.142 (+/- 0.173) | 0.107 (+/- 0.144) | 0.099 (+/- 0.106) | 0.102 (+/- 0.111) | 0.135 (+/- 0.103) | 0.11 (+/- 0.097) | 0.094 (+/- 0.103) | 0.108 (+/- 0.112) | 0.11 (+/- 0.13) |
| loudness\_sma3\_percentile50.0  (opensmile\_features) | 0.236 (+/- 0.267) | 0.213 (+/- 0.233) | 0.282 (+/- 0.313) | 0.217 (+/- 0.264) | 0.226 (+/- 0.244) | 0.232 (+/- 0.282) | 0.261 (+/- 0.189) | 0.232 (+/- 0.192) | 0.205 (+/- 0.179) | 0.234 (+/- 0.231) | 0.23 (+/- 0.257) |
| loudness\_sma3\_percentile80.0  (opensmile\_features) | 0.566 (+/- 0.52) | 0.586 (+/- 0.538) | 0.676 (+/- 0.594) | 0.602 (+/- 0.589) | 0.559 (+/- 0.52) | 0.661 (+/- 0.599) | 0.739 (+/- 0.557) | 0.747 (+/- 0.639) | 0.613 (+/- 0.517) | 0.693 (+/- 0.523) | 0.619 (+/- 0.564) |
| loudness\_sma3\_pctlrange0-2  (opensmile\_features) | 0.454 (+/- 0.453) | 0.486 (+/- 0.483) | 0.534 (+/- 0.515) | 0.495 (+/- 0.525) | 0.46 (+/- 0.484) | 0.559 (+/- 0.539) | 0.605 (+/- 0.52) | 0.637 (+/- 0.593) | 0.519 (+/- 0.501) | 0.586 (+/- 0.481) | 0.509 (+/- 0.505) |
| loudness\_sma3\_meanRisingSlope  (opensmile\_features) | 7.447 (+/- 6.823) | 7.532 (+/- 7.408) | 8.711 (+/- 7.578) | 7.143 (+/- 7.251) | 7.149 (+/- 6.439) | 8.022 (+/- 7.136) | 8.666 (+/- 6.596) | 8.362 (+/- 7.537) | 7.184 (+/- 5.955) | 8.19 (+/- 6.77) | 7.701 (+/- 7.203) |
| loudness\_sma3\_stddevRisingSlope  (opensmile\_features) | 3.302 (+/- 3.019) | 3.487 (+/- 3.91) | 3.987 (+/- 3.595) | 3.363 (+/- 4.024) | 3.183 (+/- 3.243) | 3.501 (+/- 3.969) | 3.771 (+/- 2.401) | 3.548 (+/- 3.676) | 3.098 (+/- 2.404) | 3.072 (+/- 2.089) | 3.466 (+/- 3.639) |
| loudness\_sma3\_meanFallingSlope  (opensmile\_features) | 5.199 (+/- 5.523) | 4.89 (+/- 4.908) | 5.782 (+/- 6.486) | 4.478 (+/- 4.688) | 4.46 (+/- 3.93) | 5.167 (+/- 5.413) | 5.471 (+/- 4.579) | 4.906 (+/- 4.86) | 4.026 (+/- 3.764) | 4.806 (+/- 4.336) | 4.975 (+/- 5.159) |
| loudness\_sma3\_stddevFallingSlope  (opensmile\_features) | 2.361 (+/- 2.422) | 2.414 (+/- 3.121) | 2.689 (+/- 3.088) | 2.132 (+/- 2.712) | 2.036 (+/- 1.987) | 2.188 (+/- 2.7) | 2.246 (+/- 1.915) | 2.009 (+/- 2.255) | 1.581 (+/- 1.4) | 1.751 (+/- 1.462) | 2.286 (+/- 2.726) |
| jitterLocal\_sma3nz\_amean  (opensmile\_features) | 0.039 (+/- 0.019) | 0.033 (+/- 0.017) | 0.04 (+/- 0.018) | 0.032 (+/- 0.015) | 0.042 (+/- 0.021) | 0.032 (+/- 0.015) | 0.043 (+/- 0.015) | 0.032 (+/- 0.015) | 0.04 (+/- 0.018) | 0.033 (+/- 0.015) | 0.035 (+/- 0.017) |
| jitterLocal\_sma3nz\_stddevNorm  (opensmile\_features) | 0.878 (+/- 0.413) | 1.055 (+/- 0.445) | 0.919 (+/- 0.446) | 1.036 (+/- 0.537) | 0.955 (+/- 0.423) | 1.038 (+/- 0.558) | 0.871 (+/- 0.218) | 1.043 (+/- 0.404) | 0.931 (+/- 0.38) | 1.024 (+/- 0.307) | 0.995 (+/- 0.465) |
| shimmerLocaldB\_sma3nz\_amean  (opensmile\_features) | 1.9 (+/- 0.753) | 1.496 (+/- 0.545) | 1.837 (+/- 0.766) | 1.541 (+/- 0.605) | 1.928 (+/- 0.808) | 1.514 (+/- 0.649) | 2.108 (+/- 0.735) | 1.496 (+/- 0.51) | 2.114 (+/- 0.938) | 1.528 (+/- 0.444) | 1.652 (+/- 0.676) |
| shimmerLocaldB\_sma3nz\_stddevNorm  (opensmile\_features) | 0.681 (+/- 0.241) | 0.72 (+/- 0.221) | 0.708 (+/- 0.237) | 0.705 (+/- 0.222) | 0.717 (+/- 0.235) | 0.676 (+/- 0.263) | 0.688 (+/- 0.168) | 0.716 (+/- 0.19) | 0.661 (+/- 0.257) | 0.692 (+/- 0.142) | 0.703 (+/- 0.228) |
| HNRdBACF\_sma3nz\_amean  (opensmile\_features) | 3.568 (+/- 2.279) | 6.715 (+/- 2.818) | 3.58 (+/- 2.619) | 6.238 (+/- 2.724) | 3.716 (+/- 2.308) | 5.859 (+/- 2.768) | 3.445 (+/- 2.032) | 6.053 (+/- 2.249) | 2.999 (+/- 2.378) | 5.725 (+/- 2.143) | 5.367 (+/- 2.932) |
| HNRdBACF\_sma3nz\_stddevNorm  (opensmile\_features) | 0.759 (+/- 2.502) | 0.384 (+/- 1.358) | 0.306 (+/- 4.517) | 0.646 (+/- 2.719) | 0.724 (+/- 0.686) | 0.515 (+/- 0.426) | 0.474 (+/- 2.832) | 0.593 (+/- 1.015) | 0.558 (+/- 3.162) | 0.596 (+/- 0.39) | 0.531 (+/- 2.386) |
| logRelF0-H1-H2\_sma3nz\_amean  (opensmile\_features) | 4.379 (+/- 6.611) | 1.034 (+/- 7.295) | 3.276 (+/- 7.882) | 0.558 (+/- 8.107) | 3.771 (+/- 7.107) | 0.13 (+/- 8.061) | 2.85 (+/- 6.573) | 0.337 (+/- 7.279) | 3.519 (+/- 7.405) | 0.91 (+/- 6.057) | 1.766 (+/- 7.587) |
| logRelF0-H1-H2\_sma3nz\_stddevNorm  (opensmile\_features) | 2.111 (+/- 18.953) | -1.517 (+/- 36.555) | 0.672 (+/- 26.294) | 1.6 (+/- 34.364) | 1.468 (+/- 7.729) | -140.414 (+/- 2103.764) | 0.633 (+/- 3.39) | 0.499 (+/- 8.994) | -1.67 (+/- 14.133) | -0.698 (+/- 8.698) | -12.784 (+/- 645.893) |
| logRelF0-H1-A3\_sma3nz\_amean  (opensmile\_features) | 21.316 (+/- 10.011) | 22.079 (+/- 9.331) | 20.491 (+/- 10.359) | 20.639 (+/- 9.538) | 20.848 (+/- 8.358) | 19.626 (+/- 8.763) | 20.629 (+/- 8.901) | 20.357 (+/- 8.207) | 17.494 (+/- 10.178) | 20.729 (+/- 8.481) | 20.971 (+/- 9.473) |
| logRelF0-H1-A3\_sma3nz\_stddevNorm  (opensmile\_features) | 0.364 (+/- 3.361) | 0.35 (+/- 7.572) | 0.294 (+/- 2.331) | 0.425 (+/- 3.155) | 0.362 (+/- 0.522) | 0.622 (+/- 2.024) | -4.483 (+/- 31.161) | 0.738 (+/- 3.663) | 0.385 (+/- 1.155) | 0.966 (+/- 3.544) | 0.344 (+/- 6.188) |
| F1frequency\_sma3nz\_amean  (opensmile\_features) | 560.291 (+/- 163.237) | 719.687 (+/- 141.716) | 558.347 (+/- 153.042) | 703.339 (+/- 143.736) | 577.268 (+/- 142.903) | 690.534 (+/- 178.401) | 583.491 (+/- 130.714) | 701.08 (+/- 131.909) | 577.528 (+/- 144.352) | 706.375 (+/- 113.826) | 658.274 (+/- 164.272) |
| F1frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.246 (+/- 0.094) | 0.167 (+/- 0.068) | 0.248 (+/- 0.088) | 0.177 (+/- 0.073) | 0.254 (+/- 0.089) | 0.165 (+/- 0.071) | 0.252 (+/- 0.077) | 0.177 (+/- 0.066) | 0.262 (+/- 0.096) | 0.185 (+/- 0.068) | 0.199 (+/- 0.086) |
| F1bandwidth\_sma3nz\_amean  (opensmile\_features) | 1400.526 (+/- 323.193) | 1376.629 (+/- 251.734) | 1416.836 (+/- 284.841) | 1391.19 (+/- 252.409) | 1421.122 (+/- 212.533) | 1355.76 (+/- 332.316) | 1427.307 (+/- 103.836) | 1409.178 (+/- 236.989) | 1424.816 (+/- 257.904) | 1431.008 (+/- 186.353) | 1393.543 (+/- 270.112) |
| F1bandwidth\_sma3nz\_stddevNorm  (opensmile\_features) | 0.125 (+/- 0.057) | 0.123 (+/- 0.041) | 0.122 (+/- 0.046) | 0.122 (+/- 0.04) | 0.126 (+/- 0.043) | 0.118 (+/- 0.044) | 0.133 (+/- 0.045) | 0.12 (+/- 0.034) | 0.131 (+/- 0.05) | 0.123 (+/- 0.029) | 0.123 (+/- 0.044) |
| F1amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -144.992 (+/- 39.042) | -136.39 (+/- 37.277) | -144.696 (+/- 38.847) | -136.961 (+/- 39.506) | -146.623 (+/- 40.681) | -131.987 (+/- 42.564) | -151.142 (+/- 27.17) | -130.128 (+/- 38.394) | -148.118 (+/- 36.158) | -127.371 (+/- 38.958) | -138.577 (+/- 39.166) |
| F1amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.595 (+/- 0.603) | -0.661 (+/- 0.511) | -0.615 (+/- 0.768) | -0.678 (+/- 0.643) | -0.554 (+/- 0.327) | -0.722 (+/- 0.493) | -0.525 (+/- 0.216) | -0.702 (+/- 0.343) | -0.551 (+/- 0.308) | -0.803 (+/- 0.662) | -0.653 (+/- 0.574) |
| F2frequency\_sma3nz\_amean  (opensmile\_features) | 1383.184 (+/- 328.186) | 1561.737 (+/- 272.348) | 1392.486 (+/- 298.195) | 1544.666 (+/- 272.114) | 1439.318 (+/- 248.271) | 1500.086 (+/- 360.051) | 1453.885 (+/- 167.48) | 1534.327 (+/- 247.887) | 1427.939 (+/- 286.984) | 1538.382 (+/- 187.62) | 1494.144 (+/- 295.72) |
| F2frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.115 (+/- 0.053) | 0.082 (+/- 0.036) | 0.115 (+/- 0.052) | 0.083 (+/- 0.039) | 0.125 (+/- 0.054) | 0.078 (+/- 0.037) | 0.124 (+/- 0.046) | 0.081 (+/- 0.034) | 0.124 (+/- 0.058) | 0.086 (+/- 0.037) | 0.094 (+/- 0.046) |
| F2amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -146.164 (+/- 37.499) | -137.415 (+/- 36.0) | -145.826 (+/- 37.513) | -137.961 (+/- 37.763) | -147.958 (+/- 39.195) | -133.42 (+/- 40.828) | -151.757 (+/- 26.578) | -131.548 (+/- 36.757) | -147.737 (+/- 35.348) | -128.029 (+/- 37.536) | -139.67 (+/- 37.683) |
| F2amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.546 (+/- 0.398) | -0.603 (+/- 0.298) | -0.573 (+/- 0.664) | -0.611 (+/- 0.326) | -0.516 (+/- 0.285) | -0.655 (+/- 0.38) | -0.505 (+/- 0.204) | -0.652 (+/- 0.292) | -0.537 (+/- 0.287) | -0.735 (+/- 0.463) | -0.598 (+/- 0.392) |
| F3frequency\_sma3nz\_amean  (opensmile\_features) | 2380.984 (+/- 535.112) | 2593.146 (+/- 443.721) | 2405.665 (+/- 470.152) | 2566.075 (+/- 441.578) | 2443.714 (+/- 354.657) | 2503.758 (+/- 595.062) | 2473.414 (+/- 130.094) | 2576.903 (+/- 410.125) | 2405.837 (+/- 417.364) | 2596.557 (+/- 306.5) | 2513.464 (+/- 470.385) |
| F3frequency\_sma3nz\_stddevNorm  (opensmile\_features) | 0.06 (+/- 0.026) | 0.064 (+/- 0.023) | 0.059 (+/- 0.025) | 0.065 (+/- 0.025) | 0.064 (+/- 0.027) | 0.06 (+/- 0.026) | 0.066 (+/- 0.024) | 0.064 (+/- 0.027) | 0.062 (+/- 0.029) | 0.064 (+/- 0.023) | 0.063 (+/- 0.025) |
| F3amplitudeLogRelF0\_sma3nz\_amean  (opensmile\_features) | -149.426 (+/- 35.266) | -141.534 (+/- 33.656) | -149.21 (+/- 34.988) | -141.952 (+/- 35.379) | -150.679 (+/- 37.212) | -137.906 (+/- 37.977) | -154.853 (+/- 24.951) | -136.154 (+/- 34.142) | -150.494 (+/- 33.282) | -133.386 (+/- 34.595) | -143.553 (+/- 35.219) |
| F3amplitudeLogRelF0\_sma3nz\_stddevNorm  (opensmile\_features) | -0.484 (+/- 0.28) | -0.533 (+/- 0.235) | -0.489 (+/- 0.271) | -0.541 (+/- 0.263) | -0.469 (+/- 0.245) | -0.567 (+/- 0.282) | -0.459 (+/- 0.176) | -0.571 (+/- 0.229) | -0.49 (+/- 0.243) | -0.615 (+/- 0.275) | -0.525 (+/- 0.259) |
| alphaRatioV\_sma3nz\_amean  (opensmile\_features) | -12.383 (+/- 6.32) | -11.177 (+/- 6.015) | -12.481 (+/- 6.103) | -10.424 (+/- 5.866) | -13.071 (+/- 5.698) | -9.499 (+/- 5.42) | -12.335 (+/- 5.371) | -10.269 (+/- 5.335) | -10.808 (+/- 5.571) | -9.153 (+/- 4.715) | -11.177 (+/- 5.996) |
| alphaRatioV\_sma3nz\_stddevNorm  (opensmile\_features) | -0.34 (+/- 1.462) | -0.677 (+/- 2.518) | -0.351 (+/- 0.544) | -0.453 (+/- 2.067) | -0.403 (+/- 0.633) | -0.502 (+/- 2.243) | -0.395 (+/- 0.277) | -3.058 (+/- 27.141) | -0.518 (+/- 0.572) | 0.086 (+/- 7.506) | -0.608 (+/- 6.648) |
| hammarbergIndexV\_sma3nz\_amean  (opensmile\_features) | 23.985 (+/- 8.567) | 24.443 (+/- 7.708) | 24.146 (+/- 8.03) | 23.668 (+/- 7.545) | 24.419 (+/- 7.393) | 23.071 (+/- 7.71) | 24.856 (+/- 6.69) | 24.301 (+/- 7.162) | 21.888 (+/- 7.354) | 24.256 (+/- 6.807) | 24.005 (+/- 7.788) |
| hammarbergIndexV\_sma3nz\_stddevNorm  (opensmile\_features) | 0.254 (+/- 0.239) | 0.251 (+/- 1.045) | 0.224 (+/- 0.108) | 0.269 (+/- 0.167) | 0.242 (+/- 0.116) | 0.26 (+/- 0.116) | 0.234 (+/- 0.104) | 0.261 (+/- 0.111) | 0.245 (+/- 0.142) | 0.264 (+/- 0.108) | 0.315 (+/- 3.131) |
| slopeV0-500\_sma3nz\_amean  (opensmile\_features) | 0.023 (+/- 0.034) | 0.042 (+/- 0.035) | 0.022 (+/- 0.034) | 0.04 (+/- 0.034) | 0.029 (+/- 0.034) | 0.041 (+/- 0.035) | 0.026 (+/- 0.038) | 0.033 (+/- 0.035) | 0.037 (+/- 0.04) | 0.041 (+/- 0.031) | 0.035 (+/- 0.035) |
| slopeV0-500\_sma3nz\_stddevNorm  (opensmile\_features) | -1.84 (+/- 32.487) | -0.827 (+/- 16.501) | 2.83 (+/- 50.862) | 0.255 (+/- 3.202) | 0.86 (+/- 9.009) | 2.04 (+/- 24.275) | 0.872 (+/- 2.027) | 0.82 (+/- 7.143) | -0.34 (+/- 8.8) | 0.541 (+/- 1.838) | 0.193 (+/- 24.554) |
| slopeV500-1500\_sma3nz\_amean  (opensmile\_features) | -0.018 (+/- 0.016) | -0.009 (+/- 0.013) | -0.021 (+/- 0.015) | -0.008 (+/- 0.013) | -0.022 (+/- 0.013) | -0.009 (+/- 0.013) | -0.023 (+/- 0.013) | -0.01 (+/- 0.013) | -0.026 (+/- 0.018) | -0.008 (+/- 0.012) | -0.013 (+/- 0.015) |
| slopeV500-1500\_sma3nz\_stddevNorm  (opensmile\_features) | 0.154 (+/- 8.698) | -3.837 (+/- 118.154) | -0.619 (+/- 2.498) | -0.962 (+/- 27.489) | -0.256 (+/- 5.546) | -0.569 (+/- 5.332) | 0.146 (+/- 5.869) | 0.098 (+/- 16.104) | -0.637 (+/- 1.457) | -0.873 (+/- 2.93) | -1.367 (+/- 62.91) |
| alphaRatioUV\_sma3nz\_amean  (opensmile\_features) | -10.745 (+/- 5.95) | -9.673 (+/- 5.926) | -10.839 (+/- 5.652) | -9.516 (+/- 6.021) | -10.648 (+/- 5.665) | -9.173 (+/- 5.843) | -10.779 (+/- 5.044) | -9.62 (+/- 6.197) | -9.049 (+/- 6.498) | -8.552 (+/- 5.805) | -9.897 (+/- 5.933) |
| hammarbergIndexUV\_sma3nz\_amean  (opensmile\_features) | 21.563 (+/- 7.348) | 20.358 (+/- 7.266) | 21.525 (+/- 7.191) | 20.369 (+/- 7.452) | 20.895 (+/- 7.258) | 20.153 (+/- 7.418) | 21.334 (+/- 6.055) | 21.272 (+/- 7.579) | 19.761 (+/- 7.748) | 20.161 (+/- 7.617) | 20.728 (+/- 7.356) |
| slopeUV0-500\_sma3nz\_amean  (opensmile\_features) | 0.014 (+/- 0.036) | 0.02 (+/- 0.038) | 0.01 (+/- 0.035) | 0.019 (+/- 0.038) | 0.019 (+/- 0.038) | 0.025 (+/- 0.04) | 0.011 (+/- 0.039) | 0.014 (+/- 0.039) | 0.025 (+/- 0.045) | 0.019 (+/- 0.035) | 0.018 (+/- 0.038) |
| slopeUV500-1500\_sma3nz\_amean  (opensmile\_features) | 0.005 (+/- 0.013) | 0.009 (+/- 0.012) | 0.001 (+/- 0.014) | 0.009 (+/- 0.012) | 0.002 (+/- 0.015) | 0.009 (+/- 0.013) | -0.002 (+/- 0.012) | 0.008 (+/- 0.011) | 0.002 (+/- 0.016) | 0.01 (+/- 0.013) | 0.007 (+/- 0.013) |
| loudnessPeaksPerSec  (opensmile\_features) | 3.554 (+/- 1.874) | 3.149 (+/- 1.577) | 3.44 (+/- 1.897) | 3.017 (+/- 1.844) | 3.356 (+/- 1.898) | 2.897 (+/- 1.956) | 3.315 (+/- 1.609) | 2.714 (+/- 1.429) | 2.978 (+/- 2.26) | 2.617 (+/- 1.438) | 3.171 (+/- 1.786) |
| VoicedSegmentsPerSec  (opensmile\_features) | 2.698 (+/- 1.676) | 2.641 (+/- 1.47) | 2.627 (+/- 1.571) | 2.522 (+/- 1.441) | 2.509 (+/- 1.734) | 2.432 (+/- 1.414) | 2.677 (+/- 1.436) | 2.552 (+/- 1.3) | 2.319 (+/- 1.452) | 2.628 (+/- 1.55) | 2.597 (+/- 1.514) |
| MeanVoicedSegmentLengthSec  (opensmile\_features) | 0.142 (+/- 0.363) | 0.166 (+/- 0.43) | 0.209 (+/- 0.828) | 0.166 (+/- 0.478) | 0.134 (+/- 0.241) | 0.223 (+/- 0.655) | 0.094 (+/- 0.051) | 0.241 (+/- 0.878) | 0.155 (+/- 0.313) | 0.215 (+/- 0.423) | 0.175 (+/- 0.535) |
| StddevVoicedSegmentLengthSec  (opensmile\_features) | 0.088 (+/- 0.345) | 0.076 (+/- 0.302) | 0.07 (+/- 0.222) | 0.082 (+/- 0.275) | 0.09 (+/- 0.288) | 0.119 (+/- 0.409) | 0.041 (+/- 0.038) | 0.095 (+/- 0.298) | 0.093 (+/- 0.254) | 0.134 (+/- 0.425) | 0.085 (+/- 0.307) |
| MeanUnvoicedSegmentLength  (opensmile\_features) | 0.898 (+/- 2.119) | 0.66 (+/- 1.649) | 0.753 (+/- 1.796) | 0.671 (+/- 1.636) | 0.661 (+/- 1.367) | 0.891 (+/- 2.186) | 0.386 (+/- 0.32) | 0.536 (+/- 1.441) | 0.769 (+/- 1.704) | 0.418 (+/- 1.07) | 0.709 (+/- 1.747) |
| StddevUnvoicedSegmentLength  (opensmile\_features) | 0.346 (+/- 0.535) | 0.31 (+/- 0.544) | 0.349 (+/- 0.473) | 0.304 (+/- 0.517) | 0.444 (+/- 0.661) | 0.291 (+/- 0.515) | 0.282 (+/- 0.283) | 0.265 (+/- 0.434) | 0.262 (+/- 0.212) | 0.21 (+/- 0.119) | 0.316 (+/- 0.511) |
| Speech\_Time\_VADInt\_1  (prosody\_features) | 7.693 (+/- 2.254) | 7.747 (+/- 1.943) | 7.936 (+/- 1.906) | 7.539 (+/- 2.068) | 7.546 (+/- 2.328) | 7.412 (+/- 2.264) | 7.948 (+/- 1.715) | 7.787 (+/- 1.963) | 7.676 (+/- 1.876) | 7.758 (+/- 1.742) | 7.695 (+/- 2.053) |
| Total\_Time\_VADInt\_1  (prosody\_features) | 9.395 (+/- 1.288) | 9.498 (+/- 1.044) | 9.444 (+/- 1.343) | 9.448 (+/- 1.32) | 9.352 (+/- 1.301) | 9.297 (+/- 1.823) | 9.569 (+/- 0.732) | 9.564 (+/- 0.864) | 9.421 (+/- 1.583) | 9.535 (+/- 1.129) | 9.448 (+/- 1.272) |
| Pause\_Time\_VADInt\_1  (prosody\_features) | 1.703 (+/- 1.857) | 1.751 (+/- 1.687) | 1.508 (+/- 1.406) | 1.909 (+/- 1.712) | 1.806 (+/- 1.802) | 1.885 (+/- 1.751) | 1.621 (+/- 1.428) | 1.777 (+/- 1.583) | 1.745 (+/- 1.23) | 1.778 (+/- 1.508) | 1.753 (+/- 1.678) |
| Pause\_Percentage\_VADInt\_1  (prosody\_features) | 0.184 (+/- 0.205) | 0.185 (+/- 0.18) | 0.162 (+/- 0.159) | 0.202 (+/- 0.185) | 0.199 (+/- 0.208) | 0.198 (+/- 0.184) | 0.173 (+/- 0.153) | 0.194 (+/- 0.186) | 0.183 (+/- 0.134) | 0.184 (+/- 0.158) | 0.187 (+/- 0.183) |
| Pause\_Speech\_Ratio\_VADInt\_1  (prosody\_features) | 0.467 (+/- 1.381) | 0.372 (+/- 0.997) | 0.275 (+/- 0.507) | 0.438 (+/- 1.294) | 0.512 (+/- 1.301) | 0.402 (+/- 0.911) | 0.269 (+/- 0.33) | 0.409 (+/- 0.879) | 0.269 (+/- 0.285) | 0.306 (+/- 0.461) | 0.391 (+/- 1.059) |
| Mean\_Pause\_Length\_VADInt\_1  (prosody\_features) | 0.297 (+/- 0.412) | 0.241 (+/- 0.299) | 0.244 (+/- 0.368) | 0.245 (+/- 0.349) | 0.281 (+/- 0.317) | 0.282 (+/- 0.441) | 0.186 (+/- 0.114) | 0.264 (+/- 0.414) | 0.348 (+/- 0.789) | 0.268 (+/- 0.2) | 0.258 (+/- 0.364) |
| Pause\_Variability\_VADInt\_1  (prosody\_features) | 0.225 (+/- 1.102) | 0.146 (+/- 1.036) | 0.167 (+/- 0.783) | 0.165 (+/- 1.219) | 0.225 (+/- 1.164) | 0.28 (+/- 1.805) | 0.063 (+/- 0.122) | 0.208 (+/- 0.918) | 0.69 (+/- 3.823) | 0.06 (+/- 0.084) | 0.186 (+/- 1.213) |
| Speech\_Time\_VADInt\_2  (prosody\_features) | 7.108 (+/- 2.425) | 7.089 (+/- 2.114) | 7.326 (+/- 2.083) | 6.833 (+/- 2.25) | 6.906 (+/- 2.577) | 6.779 (+/- 2.355) | 7.316 (+/- 1.961) | 7.166 (+/- 2.132) | 6.832 (+/- 2.091) | 7.119 (+/- 1.836) | 7.049 (+/- 2.224) |
| Total\_Time\_VADInt\_2  (prosody\_features) | 9.007 (+/- 1.601) | 9.188 (+/- 1.216) | 9.145 (+/- 1.479) | 9.109 (+/- 1.411) | 9.016 (+/- 1.432) | 8.946 (+/- 1.93) | 9.273 (+/- 0.923) | 9.319 (+/- 1.088) | 9.136 (+/- 1.631) | 9.249 (+/- 1.197) | 9.121 (+/- 1.431) |
| Pause\_Time\_VADInt\_2  (prosody\_features) | 1.899 (+/- 1.887) | 2.099 (+/- 1.818) | 1.819 (+/- 1.632) | 2.276 (+/- 1.89) | 2.111 (+/- 1.942) | 2.166 (+/- 1.893) | 1.957 (+/- 1.593) | 2.153 (+/- 1.737) | 2.304 (+/- 1.568) | 2.13 (+/- 1.588) | 2.072 (+/- 1.819) |
| Pause\_Percentage\_VADInt\_2  (prosody\_features) | 0.215 (+/- 0.22) | 0.229 (+/- 0.202) | 0.199 (+/- 0.183) | 0.249 (+/- 0.211) | 0.245 (+/- 0.244) | 0.235 (+/- 0.204) | 0.217 (+/- 0.179) | 0.236 (+/- 0.202) | 0.249 (+/- 0.176) | 0.229 (+/- 0.175) | 0.228 (+/- 0.205) |
| Pause\_Speech\_Ratio\_VADInt\_2  (prosody\_features) | 0.611 (+/- 2.012) | 0.518 (+/- 1.543) | 0.424 (+/- 1.397) | 0.646 (+/- 2.127) | 1.131 (+/- 3.862) | 0.507 (+/- 1.053) | 0.377 (+/- 0.453) | 0.557 (+/- 1.201) | 0.434 (+/- 0.455) | 0.396 (+/- 0.466) | 0.563 (+/- 1.806) |
| Mean\_Pause\_Length\_VADInt\_2  (prosody\_features) | 0.285 (+/- 0.435) | 0.235 (+/- 0.288) | 0.237 (+/- 0.317) | 0.254 (+/- 0.365) | 0.329 (+/- 0.488) | 0.285 (+/- 0.496) | 0.193 (+/- 0.128) | 0.299 (+/- 0.545) | 0.215 (+/- 0.242) | 0.244 (+/- 0.194) | 0.257 (+/- 0.376) |
| Pause\_Variability\_VADInt\_2  (prosody\_features) | 0.246 (+/- 1.125) | 0.136 (+/- 0.695) | 0.174 (+/- 0.826) | 0.159 (+/- 1.195) | 0.361 (+/- 1.438) | 0.314 (+/- 1.924) | 0.061 (+/- 0.101) | 0.2 (+/- 0.792) | 0.051 (+/- 0.089) | 0.057 (+/- 0.063) | 0.186 (+/- 1.076) |
| Speech\_Time\_VADInt\_3  (prosody\_features) | 6.031 (+/- 2.721) | 5.898 (+/- 2.463) | 6.236 (+/- 2.529) | 5.481 (+/- 2.691) | 5.685 (+/- 2.913) | 5.57 (+/- 2.56) | 6.276 (+/- 2.438) | 6.023 (+/- 2.299) | 5.621 (+/- 2.534) | 5.973 (+/- 2.011) | 5.86 (+/- 2.574) |
| Total\_Time\_VADInt\_3  (prosody\_features) | 8.328 (+/- 2.314) | 8.596 (+/- 1.945) | 8.526 (+/- 2.137) | 8.288 (+/- 2.48) | 8.064 (+/- 2.808) | 8.337 (+/- 2.471) | 8.862 (+/- 1.187) | 8.824 (+/- 1.598) | 8.618 (+/- 2.177) | 8.835 (+/- 1.226) | 8.47 (+/- 2.194) |
| Pause\_Time\_VADInt\_3  (prosody\_features) | 2.297 (+/- 1.976) | 2.698 (+/- 1.987) | 2.289 (+/- 1.794) | 2.807 (+/- 2.148) | 2.379 (+/- 2.058) | 2.767 (+/- 2.057) | 2.587 (+/- 1.775) | 2.801 (+/- 1.858) | 2.997 (+/- 1.998) | 2.862 (+/- 1.776) | 2.61 (+/- 1.997) |
| Pause\_Percentage\_VADInt\_3  (prosody\_features) | 0.274 (+/- 0.24) | 0.312 (+/- 0.235) | 0.271 (+/- 0.221) | 0.323 (+/- 0.249) | 0.285 (+/- 0.248) | 0.315 (+/- 0.231) | 0.311 (+/- 0.231) | 0.32 (+/- 0.218) | 0.336 (+/- 0.235) | 0.323 (+/- 0.205) | 0.303 (+/- 0.235) |
| Pause\_Speech\_Ratio\_VADInt\_3  (prosody\_features) | 0.857 (+/- 2.45) | 0.921 (+/- 2.331) | 0.651 (+/- 1.663) | 0.976 (+/- 2.196) | 0.861 (+/- 1.755) | 0.815 (+/- 1.438) | 0.814 (+/- 1.425) | 0.909 (+/- 2.385) | 1.06 (+/- 2.336) | 0.744 (+/- 1.138) | 0.865 (+/- 2.107) |
| Mean\_Pause\_Length\_VADInt\_3  (prosody\_features) | 0.346 (+/- 0.619) | 0.307 (+/- 0.54) | 0.306 (+/- 0.547) | 0.384 (+/- 0.744) | 0.464 (+/- 0.894) | 0.306 (+/- 0.49) | 0.245 (+/- 0.253) | 0.334 (+/- 0.485) | 0.299 (+/- 0.378) | 0.279 (+/- 0.216) | 0.333 (+/- 0.598) |
| Pause\_Variability\_VADInt\_3  (prosody\_features) | 0.432 (+/- 1.928) | 0.257 (+/- 1.229) | 0.374 (+/- 1.731) | 0.332 (+/- 1.589) | 0.647 (+/- 2.262) | 0.302 (+/- 1.547) | 0.105 (+/- 0.24) | 0.262 (+/- 1.055) | 0.192 (+/- 0.667) | 0.085 (+/- 0.2) | 0.323 (+/- 1.532) |
| UtteranceNumber  (pause\_features) | 7.031 (+/- 6.16) | 9.064 (+/- 7.007) | 7.269 (+/- 6.498) | 8.87 (+/- 6.937) | 7.057 (+/- 5.812) | 8.263 (+/- 6.565) | 9.056 (+/- 7.192) | 8.673 (+/- 6.708) | 10.148 (+/- 6.948) | 8.3 (+/- 5.292) | 8.266 (+/- 6.686) |
| PauseNumber  (pause\_features) | 6.034 (+/- 6.157) | 8.077 (+/- 6.991) | 6.285 (+/- 6.481) | 7.88 (+/- 6.925) | 6.057 (+/- 5.812) | 7.268 (+/- 6.558) | 8.056 (+/- 7.192) | 7.673 (+/- 6.708) | 9.148 (+/- 6.948) | 7.3 (+/- 5.292) | 7.274 (+/- 6.676) |
| AveragePauseLength  (pause\_features) | 0.351 (+/- 0.6) | 0.269 (+/- 0.401) | 0.291 (+/- 0.444) | 0.259 (+/- 0.253) | 0.322 (+/- 0.364) | 0.307 (+/- 0.353) | 0.213 (+/- 0.186) | 0.332 (+/- 0.457) | 0.29 (+/- 0.273) | 0.263 (+/- 0.24) | 0.289 (+/- 0.405) |
| StdPauseLength  (pause\_features) | 0.163 (+/- 0.277) | 0.135 (+/- 0.233) | 0.169 (+/- 0.355) | 0.136 (+/- 0.198) | 0.188 (+/- 0.364) | 0.152 (+/- 0.248) | 0.12 (+/- 0.166) | 0.2 (+/- 0.377) | 0.153 (+/- 0.157) | 0.12 (+/- 0.138) | 0.15 (+/- 0.263) |
| TimeToFirstPhonation  (pause\_features) | 0.3 (+/- 0.689) | 0.265 (+/- 0.371) | 0.287 (+/- 0.41) | 0.333 (+/- 0.508) | 0.308 (+/- 0.416) | 0.317 (+/- 0.397) | 0.306 (+/- 0.486) | 0.267 (+/- 0.389) | 0.312 (+/- 0.391) | 0.42 (+/- 0.469) | 0.301 (+/- 0.475) |
| TimeToLastPhonation  (pause\_features) | 9.429 (+/- 0.882) | 9.345 (+/- 1.297) | 9.442 (+/- 1.34) | 9.451 (+/- 1.161) | 9.377 (+/- 1.08) | 9.554 (+/- 0.84) | 9.573 (+/- 0.566) | 9.623 (+/- 0.672) | 9.625 (+/- 0.44) | 9.688 (+/- 0.342) | 9.449 (+/- 1.1) |
| UtterancePerMin  (pause\_features) | 42.83 (+/- 37.572) | 55.152 (+/- 42.666) | 44.137 (+/- 39.42) | 53.942 (+/- 42.148) | 43.494 (+/- 35.254) | 50.214 (+/- 39.899) | 56.429 (+/- 45.477) | 52.62 (+/- 40.654) | 61.704 (+/- 42.259) | 50.343 (+/- 32.046) | 50.313 (+/- 40.688) |
| WordsPerMin  (pause\_features) | 54.546 (+/- 73.358) | 39.054 (+/- 54.328) | 60.015 (+/- 78.315) | 36.409 (+/- 53.375) | 48.017 (+/- 60.66) | 40.911 (+/- 51.612) | 40.989 (+/- 43.37) | 38.964 (+/- 55.324) | 50.542 (+/- 57.054) | 49.749 (+/- 52.898) | 44.292 (+/- 61.088) |
| Duration  (pause\_features) | 9.864 (+/- 0.2) | 9.868 (+/- 0.147) | 9.874 (+/- 0.157) | 9.864 (+/- 0.141) | 9.74 (+/- 0.49) | 9.874 (+/- 0.133) | 9.768 (+/- 0.518) | 9.891 (+/- 0.106) | 9.88 (+/- 0.115) | 9.886 (+/- 0.089) | 9.863 (+/- 0.194) |