

Supplemental Material S3. Estimated pairwise differences for F2 transition extent (Hz) from the final model.

| | Estimate | Standard error | df | t | Lower CI | Upper CI | p | Effect size |
|--|-----------------|-----------------------|-----------|----------|-----------------|-----------------|----------|--------------------|
| Sex female–male | 74.788 | 78.079 | 10.1 | 0.96 | –99.022 | 248.598 | .361 | 0.519 |
| Frequency low–mid | 45.202 | 23.474 | 223.9 | 1.93 | –1.056 | 91.460 | .055 | 0.314 |
| Frequency low–high | 107.784 | 29.099 | 223.8 | 3.70 | 50.440 | 165.127 | < .001 | 0.748 |
| Frequency mid–high | 62.581 | 25.479 | 224.0 | 2.46 | 12.372 | 112.791 | .015 | 0.434 |
| Pulse.width low–mid | 6.279 | 21.748 | 224.2 | 0.29 | –36.579 | 49.136 | .773 | 0.044 |
| Pulse.width low–high | –26.645 | 26.767 | 223.8 | –1.00 | –79.393 | 26.102 | .321 | –0.185 |
| Pulse.width mid–high | –32.924 | 27.914 | 223.9 | –1.18 | –87.932 | 22.084 | .24 | –0.228 |
| Sex:pulse.width female low–male low | 146.507 | 79.927 | 11.1 | 1.83 | –29.307 | 322.320 | .094 | 1.016 |
| Sex:pulse.width female low–female mid | 45.592 | 32.683 | 224.3 | 1.39 | –18.813 | 109.997 | .164 | 0.316 |
| Sex:pulse.width female low–male mid | 113.472 | 80.857 | 11.6 | 1.40 | –63.415 | 290.359 | .187 | 0.787 |
| Sex:pulse.width female low–female high | 41.620 | 37.048 | 223.7 | 1.12 | –31.387 | 114.627 | .262 | 0.289 |
| Sex:pulse.width female low–male high | 51.596 | 84.629 | 13.9 | 0.61 | –130.070 | 233.263 | .552 | 0.358 |
| Sex:pulse.width male low–female mid | –100.915 | 81.604 | 12.0 | –1.24 | –278.708 | 76.878 | .24 | –0.700 |
| Sex:pulse.width male low–male mid | –33.035 | 28.118 | 224.1 | –1.17 | –88.444 | 22.375 | .241 | –0.229 |
| Sex:pulse.width male low–female high | –104.887 | 83.487 | 13.1 | –1.26 | –285.044 | 75.270 | .231 | –0.728 |
| Sex:pulse.width male low–male high | –94.910 | 37.392 | 223.9 | –2.54 | –168.596 | –21.225 | .012 | –0.658 |
| Sex:pulse.width female mid–male mid | 67.880 | 82.314 | 12.4 | 0.82 | –110.784 | 246.544 | .425 | 0.471 |
| Sex:pulse.width female mid–female high | –3.972 | 39.956 | 223.9 | –0.10 | –82.710 | 74.766 | .921 | –0.028 |
| Sex:pulse.width female mid–male high | 6.005 | 85.816 | 14.7 | 0.07 | –177.284 | 189.293 | .945 | 0.042 |
| Sex:pulse.width male mid–female high | –71.852 | 84.165 | 13.6 | –0.85 | –252.894 | 109.189 | .408 | –0.498 |
| Sex:pulse.width male mid–male high | –61.876 | 38.681 | 223.9 | –1.60 | –138.101 | 14.350 | .111 | –0.429 |
| Sex:pulse.width female high–male high | 9.977 | 87.456 | 15.8 | 0.11 | –175.615 | 195.568 | .911 | 0.069 |