|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Acoustic Feature** | **Linear Mixed Effect Models** | | | |
|  | **b** | **SE** | **t** | **adjusted p** |
| ampl\_sd | 5.07383 | 1.88685 | 2.689 | 0.020 |
| Sex interaction | -2.38745 | 3.21423 | -0.743 | 0.649 |
| Male | 6.26755 | 2.63447 | 2.379 | 0.042 |
| Female | 3.8801 | 2.31207 | 1.678 | 0.184 |
| amp\_noSilence\_sd | 3.65247 | 1.89716 | 1.925 | 0.112 |
| Sex interaction | -0.93182 | 3.26547 | -0.285 | 0.931 |
| Male | 4.11838 | 2.64761 | 1.556 | 0.232 |
| Female | 3.18656 | 2.34952 | 1.356 | 0.314 |
| entropy\_mean | -5.03854 | 1.31589 | -3.829 | 0.001 |
| Sex interaction | 4.60074 | 2.19675 | 2.094 | 0.077 |
| Male | -7.33891 | 1.61591 | -4.542 | 0.000 |
| Female | -2.73817 | 1.80688 | -1.52E+00 | 0.246 |
| entropy\_sd | -3.0368 | 1.21579 | -2.498 | 0.032 |
| Sex interaction | 7.02971 | 1.98958 | 3.533 | 0.002 |
| Male | -6.55165 | 1.58926 | -4.122 | 0.000 |
| Female | 4.78E-01 | 1.55E+00 | 3.08E-01 | 0.931 |
| roughness\_mean | -0.06213 | 0.01834 | -3.387 | 0.002 |
| Sex interaction | 0.11611 | 0.02806 | 4.138 | 0.000 |
| Male | -0.12019 | 0.02336 | -5.146 | 0.000 |
| Female | -4.08E-03 | 2.28E-02 | -1.79E-01 | 0.942 |
| roughness\_sd | 0.052735 | 0.043973 | 1.199 | 0.400 |
| Sex interaction | 0.052735 | 0.043973 | 1.199 | 0.942 |
| Male | 0.055497 | 0.057475 | 0.966 | 0.510 |
| Female | 0.049973 | 0.058984 | 0.847 | 0.596 |
| HNR\_mean | 0.05049 | 0.01297 | 3.892 | 0.001 |
| Sex interaction | -0.07563 | 0.02198 | -3.441 | 0.002 |
| Male | 0.08831 | 0.0173 | 5.104 | 0.000 |
| Female | 0.01268 | 0.0167 | 7.59E-01 | 0.649 |
| HNRVoiced\_mean | 0.0836 | 0.01703 | 4.908 | 0.000 |
| Sex interaction | -0.10788 | 0.02616 | -4.124 | 0.000 |
| Male | 0.13754 | 0.023 | 5.98E+00 | 0.000 |
| Female | 0.02966 | 0.01984 | 1.50E+00 | 0.252 |
| CPP | 1.34E-01 | 1.93E-02 | 6.958 | 0.000 |
| Sex interaction | -4.59E-03 | 2.74E-02 | -0.167 | 0.942 |
| Male | 1.36E-01 | 2.28E-02 | 5.98E+00 | 0.000 |
| Female | 1.32E-01 | 2.45E-02 | 5.38E+00 | 0.000 |
| Energy | 1.43E-02 | 5.83E-03 | 2.455 | 0.035 |
| Sex interaction | 9.07E-04 | 9.94E-03 | 0.091 | 0.942 |
| Male | 1.39E-02 | 6.97E-03 | 1.99 | 0.099 |
| Female | 1.48E-02 | 8.30E-03 | 1.781 | 0.151 |
| SHR | -0.87574 | 0.85422 | -1.025 | 0.473 |
| Sex interaction | -1.4823 | 1.42207 | -1.042 | 0.467 |
| Male | -0.13458 | 1.12611 | -0.12 | 0.942 |
| Female | -1.61689 | 1.09653 | -1.475 | 0.257 |
| SOE | -23.29352 | 8.70789 | -2.675 | 0.021 |
| Sex interaction | 17.46002 | 15.4993 | 1.127 | 0.429 |
| Male | -32.02353 | 12.32021 | -2.599 | 0.025 |
| Female | -14.56351 | 10.95359 | -1.33 | 0.325 |
| pitch\_mean | 2.96E-03 | 6.97E-04 | 4.238 | 0.000 |
| Sex interaction | 5.08E-04 | 1.16E-03 | 0.439 | 0.894 |
| Male | 2.70E-03 | 7.76E-04 | 3.48E+00 | 0.002 |
| Female | 3.21E-03 | 1.02E-03 | 3.145 | 0.005 |
| pitch\_sd | 1.02E-02 | 1.56E-03 | 6.555 | 0.000 |
| Sex interaction | -9.27E-04 | 2.74E-03 | -0.338 | 0.926 |
| Male | 1.07E-02 | 1.91E-03 | 5.58E+00 | 0.000 |
| Female | 9.76E-03 | 2.23E-03 | 4.38E+00 | 0.000 |
| scog\_mean | 2.96E-04 | 7.56E-05 | 3.917 | 0.001 |
| Sex interaction | -1.62E-05 | 1.39E-04 | -0.117 | 0.942 |
| Male | 3.04E-04 | 1.10E-04 | 2.762 | 0.017 |
| Female | 2.88E-04 | 9.43E-05 | 3.056 | 0.007 |
| scog\_sd | 2.60E-04 | 8.54E-05 | 3.045 | 0.007 |
| Sex interaction | -2.91E-05 | 1.56E-04 | -0.187 | 0.942 |
| Male | 7.45E-05 | 1.23E-04 | 2.236 | 0.059 |
| Female | 2.45E-04 | 1.08E-04 | 2.272 | 0.054 |
| Duration | 0.17148 | 0.031313 | 5.476 | 0.000 |
|  | 0.021967 | 0.053843 | 0.408 | 0.894 |
|  | 0.160497 | 0.044001 | 3.65E+00 | 0.001 |
|  | 0.182464 | 0.038399 | 4.752 | 0.000 |