**Supplementary Table 6**: *Simple calls – main effects f & p values.*

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Acoustic parameter/unit** | **Genotype** | **Sex** |
| Average | Duration (sec) | F(1, 38) = 1.042, p = 0.314 | F(1, 38) = 3.358, p = 0.075 |
| Bandwidth (Hz) | F(1, 38) = 43.74, p < 0.001 | F(1, 38) = 0.011, p = 0.919 |
| Intensity (dB) | F(1, 38) = 0.414, p = 0.524 | F(1, 38) = 5.928, p = 0.020 |
| Peak Frequency (Hz) | F(1, 38) = 16.70, p < 0.001 | F(1, 38) = 35.57, p < 0.001 |
| Maximum | Duration | F(1, 38) = 4.126, p = 0.049 | F(1, 38) = 3.643, p = 0.064 |
| Bandwidth | F(1, 38) = 32.91, p < 0.001 | F(1, 38) = 2.698, p = 0.109 |
| Intensity | F(1, 38) = 4.387, p = 0.043 | F(1, 38) = 10.60, p = 0.002 |
| Peak Frequency | F(1, 38) = 0.542, p = 0.466 | F(1, 38) = 6.763, p = 0.013 |
| Top 10 | Duration | F(1, 38) = 1.520, p = 0.225 | F(1, 38) = 8.108, p = 0.007 |
| Bandwidth | F(1, 38) = 37.80, p < 0.001 | F(1, 38) = 1.489, p = 0.230 |
| Intensity | F(1, 38) = 10.23, p = 0.003 | F(1, 38) = 9.775, p = 0.003 |
| Peak Frequency | F(1, 38) = 6.596, p = 0.014 | F(1, 38) = 9.548, p = 0.004 |

**Supplementary Table 6**: Interaction effect f and *p-*values for acoustic parameters of all ultrasonic vocalizations. Abbreviations: sec=second, Hz=Hertz, dB=decibel.