**Supplementary Table 8**: *Frequency modulated (FM) calls – interaction effects f & p values.*

|  |  |  |
| --- | --- | --- |
|  | **Acoustic parameter/unit** | **Genotype x Sex** |
| Average | Duration (sec) | F(1, 38) = 2.207, p = 0.146 |
| Bandwidth (Hz) | F(1, 38) = 1.117, p = 0.297 |
| Intensity (dB) | F(1, 38) = 0.201, p = 0.657 |
| Peak Frequency (Hz) | F(1, 38) = 0.016, p = 0.900 |
| Maximum | Duration | F(1, 38) = 4.908, p = 0.033 |
| Bandwidth | F(1, 38) = 1.524, p = 0.225 |
| Intensity | F(1, 38) = 0.980, p = 0.328 |
| Peak Frequency | F(1, 38) = 0.962, p = 0.333 |
| Top 10 | Duration | F(1, 38) = 2.060, p = 0.159 |
| Bandwidth | F(1, 38) = 2.373, p = 0.132 |
| Intensity | F(1, 38) = 0.119, p = 0.732 |
| Peak Frequency | F(1, 38) = 2.435, p = 0.127 |

**Supplementary Table 8**: Interaction effect f and *p-*values for acoustic parameters of FM ultrasonic vocalizations. Abbreviations: sec=second, Hz=hertz, dB=decibel.