|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AUDd | adolescent |  | adult  |  |  |  |  |  |
| neuronal property | Mean  |  ± STE | Mean | ± STE | Effect size | lower CI | upper CI | p-value |
| spontaneous FR | 2.4274 | 0.4188 | 2.2271 | 0.3668 | 0.3224 | -1.0907 | 1.9771 | 0.9646 |
| evoked FR | 14.5588 | 1.6046 | 22.1731 | 2.9083 | 0.323 | -0.4649 | 1.1014 | 0.4924 |
| FR coeff. var | 2.4484 | 0.2496 | 1.7209 | 0.1238 | -0.2152 | -0.9768 | 0.6759 | 0.3410 |
| latency to peak | 134.5179 | 8.7109 | 132.061 | 16.1264 | -0.0601 | -1.2314 | 0.773 | 0.7230 |
| FWHM | 275.7321 | 26.1309 | 245.4634 | 24.4123 | -0.0333 | -0.7347 | 0.701 | 0.3998 |
| min. latency | 73.5638 | 3.3501 | 48.9258 | 3.1867 | -0.5259 | -1.2905 | 0.1873 | 0.1265 |
| % trials resp. | 0.3809 | 0.0364 | 0.4815 | 0.0328 | 0.1885 | -0.5429 | 1.2357 | 0.7397 |
| lifetime sparse. | 0.1744 | 0.0291 | 0.1506 | 0.0183 | 0.5616 | -0.0983 | 1.7234 | 0.3410 |
| AUDp | adolescent |   | adult |  |  |  |  |  |
| neuronal property | Mean  |  ± STE | Mean | ± STE | Effect size | lower CI | upper CI | p-value |
| spontaneous FR | 3.158 | 0.2654 | 2.7504 | 0.2546 | 0.9234 | 0.5075 | 1.4603 | **1.41592E-05** |
| evoked FR | 24.5512 | 1.6812 | 39.4108 | 2.6007 | 0.8286 | 0.4288 | 1.4088 | **0.0015** |
| FR coeff. var | 1.6895 | 0.0872 | 1.4396 | 0.084 | -0.6202 | -1.0043 | -0.2827 | **0.0012** |
| latency to peak | 102.981 | 7.9174 | 50.4 | 3.0841 | -0.5161 | -1.0001 | -0.0189 | **0.0403** |
| FWHM | 161.2571 | 13.7176 | 150.2408 | 12.0679 | -0.1835 | -0.5979 | 0.393 | **0.0495** |
| min. latency | 47.4148 | 1.8017 | 31.4164 | 1.5054 | -0.4746 | -0.9192 | -0.1092 | **0.0406** |
| % trials resp. | 0.517 | 0.0208 | 0.6 | 0.0209 | 0.667 | 0.2199 | 1.1501 | **0.0007** |
| lifetime sparse. | 0.1459 | 0.0115 | 0.1875 | 0.0118 | 0.3354 | -0.2348 | 0.8616 | 0.1258 |
| AUDv | adolescent |   | adult |  |  |  |  |  |
| neuronal property | Mean  |  ± STE | Mean | ± STE | Effect size | lower CI | upper CI | p-value |
| spontaneous FR | 2.627 | 0.4173 | 1.9547 | 0.2387 | 0.1787 | -0.2081 | 0.6092 | **0.0963** |
| evoked FR | 21.8639 | 2.8512 | 24.4575 | 1.9949 | -0.5624 | -0.929 | -0.2553 | **0.0186** |
| FR coeff. var | 1.8877 | 0.1089 | 1.7797 | 0.1009 | 0.1859 | -0.2146 | 0.6288 | 0.1282 |
| latency to peak | 126.1818 | 9.6388 | 135.5939 | 10.1844 | 0.7395 | 0.3299 | 1.1785 | **0.0001** |
| FWHM | 226.5985 | 16.5937 | 241.7817 | 15.1074 | 0.518 | 0.1243 | 1.1608 | **0.0002** |
| min. latency | 59.9072 | 2.3282 | 51.9611 | 2.1164 | 0.8709 | 0.4572 | 1.4074 | **5.4742E-06** |
| % trials resp. | 0.4461 | 0.0253 | 0.5074 | 0.023 | -0.2375 | -0.5761 | 0.0878 | 0.1676 |
| lifetime sparse. | 0.1593 | 0.0153 | 0.2033 | 0.0127 | 0.3121 | -0.0957 | 0.6979 | **0.0608** |
| TEa | adolescent |   | adult |  |  |  |  |  |
| neuronal property | Mean  |  ± STE | Mean | ± STE | Effect size | lower CI | upper CI | p-value |
| spontaneous FR | 1.2426 | 0.2315 | 2.1943 | 0.2731 | 0.8305 | 0.1538 | 2.1521 | **0.0082** |
| evoked FR | 17.567 | 2.5111 | 16.5377 | 1.7923 | -0.6609 | -0.9696 | -0.2934 | **0.0108** |
| FR coeff. var | 1.9063 | 0.1606 | 2.1603 | 0.2278 | -0.0567 | -0.457 | 0.6441 | 0.8526 |
| latency to peak | 170.0645 | 18.1797 | 145.8133 | 15.4745 | 0.3679 | -0.0907 | 1.0797 | **0.0440** |
| FWHM | 299.6935 | 25.6747 | 277.2267 | 23.7387 | 1.707 | 1.0083 | 3.2231 | **8.99288E-06** |
| min. latency | 73.5202 | 2.8156 | 59.9417 | 2.8259 | 0.5511 | 0.002 | 1.1864 | **0.0112** |
| % trials resp. | 0.4412 | 0.0375 | 0.4515 | 0.0347 | -0.0406 | -0.4834 | 0.4156 | 0.8385 |
| lifetime sparse. | 0.2156 | 0.0238 | 0.1819 | 0.0206 | 0.3157 | -0.3936 | 0.9299 | 0.7058 |