|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 0.1414 | -0.0111 | 0.2997 | 0.9801 |
| evoked FR | 14.5588 | 1.6046 | 22.1731 | 2.9083 | -0.306 | -0.3798 | -0.1396 | 0.1537 |
| FR coeff. var | 2.4484 | 0.2496 | 1.7209 | 0.1238 | 0.4794 | 0.0573 | 0.3294 | **0.0146** |
| latency to peak | 134.5179 | 8.7109 | 132.061 | 16.1264 | 0.1266 | 0.1826 | 0.5423 | **0.0006** |
| FWHM | 275.7321 | 26.1309 | 245.4634 | 24.4123 | 0.1317 | 0.0409 | 0.2443 | 0.2642 |
| min. latency | 73.5638 | 3.3501 | 48.9258 | 3.1867 | 0.7905 | 0.3529 | 0.6238 | **3.6051E-06** |
| % trials resp. | 0.3809 | 0.0364 | 0.4815 | 0.0328 | -0.2993 | -0.3032 | -0.076 | **0.0422** |
| lifetime sparse. | 0.1744 | 0.0291 | 0.1506 | 0.0183 | 0.0401 | -0.3136 | -0.0548 | 0.7897 |
| 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 | 0.1752 | -0.0103 | 0.2951 | **0.0115** |
| evoked FR | 24.5512 | 1.6812 | 39.4108 | 2.6007 | -0.432 | -0.4069 | -0.1391 | **5.7054E-05** |
| FR coeff. var | 1.6895 | 0.0872 | 1.4396 | 0.084 | 0.2913 | 0.0522 | 0.3326 | **0.0004** |
| latency to peak | 102.981 | 7.9174 | 50.4 | 3.0841 | 0.7259 | 0.1981 | 0.5378 | **1.0347E-11** |
| FWHM | 241.2571 | 13.7176 | 150.2408 | 12.0679 | 0.4569 | 0.0357 | 0.2445 | **8.7880E-10** |
| min. latency | 47.4148 | 1.8017 | 31.4164 | 1.5054 | 0.6936 | 0.3569 | 0.6333 | **5.605E-12** |
| % trials resp. | 0.517 | 0.0208 | 0.6 | 0.0209 | -0.2354 | -0.2853 | -0.0645 | **0.0026** |
| lifetime sparse. | 0.1459 | 0.0115 | 0.1875 | 0.0118 | -0.2739 | -0.3028 | -0.0485 | **0.0049** |
| 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 | 0.2687 | -0.0121 | 0.2867 | 0.1084 |
| evoked FR | 21.8639 | 2.8512 | 24.4575 | 1.9949 | -0.1752 | -0.3839 | -0.1324 | 0.4306 |
| FR coeff. var | 1.8877 | 0.1089 | 1.7797 | 0.1009 | 0.1175 | 0.0477 | 0.3122 | 0.0927 |
| latency to peak | 126.1818 | 9.6388 | 135.5939 | 10.1844 | -0.0138 | 0.1951 | 0.5405 | 0.2089 |
| FWHM | 226.5985 | 16.5937 | 241.7817 | 15.1074 | -0.0613 | 0.0334 | 0.2419 | 0.7051 |
| min. latency | 59.9072 | 2.3282 | 51.9611 | 2.1164 | 0.2969 | 0.3359 | 0.6227 | **0.0062** |
| % trials resp. | 0.4461 | 0.0253 | 0.5074 | 0.023 | -0.1811 | -0.2962 | -0.0823 | 0.1396 |
| lifetime sparse. | 0.1593 | 0.0153 | 0.2033 | 0.0127 | -0.3125 | -0.3089 | -0.0527 | **0.0038** |
| 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 | -0.5523 | -0.0096 | 0.303 | **0.0059** |
| evoked FR | 17.567 | 2.5111 | 16.5377 | 1.7923 | -0.0353 | -0.4066 | -0.1551 | 0.8271 |
| FR coeff. var | 1.9063 | 0.1606 | 2.1603 | 0.2278 | -0.0467 | 0.0585 | 0.3122 | 0.9088 |
| latency to peak | 170.0645 | 18.1797 | 145.8133 | 15.4745 | 0.2663 | 0.2071 | 0.5479 | 0.2447 |
| FWHM | 259.6935 | 25.6747 | 297.2267 | 23.7387 | -0.1590 | 0.038 | 0.2512 | 0.4505 |
| min. latency | 73.5202 | 2.8156 | 59.9417 | 2.8259 | 0.5712 | 0.3687 | 0.6166 | **0.0013** |
| % trials resp. | 0.4412 | 0.0375 | 0.4515 | 0.0347 | -0.0491 | -0.3016 | -0.0768 | 0.909 |
| lifetime sparse. | 0.2156 | 0.0238 | 0.1819 | 0.0206 | 0.2167 | -0.3118 | -0.0521 | 0.1658 |