**Figure 1 — Table 2. Neuronal activity across days.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **day 1** | **day 2** | **p****days 1 VS 2** | **day 10** | **p****days 1 VS 10** | **day 43-46** | **p****days 1 VS 43-46** |
| **Active neurons number** | spontaneous | 83 ± 6 | 78 ±  6 | 1 | 70 ± 9 | 0.64 | 51 ± 10 | **\*0.023** |
| evoked | 85 ± 5 | 80 ±  6 | 0.84 | 87 ± 9 | 1 | 51 ± 10 | **\*0.013** |
| **% time single neuron is active** | spontaneous | 16 ± 1.1 % | 15 ± 0.9 % | 0.60 | 17 ± 0.4 % | 0.15 | 15 ± 1.3 % | 0.76 |
| evoked | 14 ± 0.9 % | 15 ± 0.5 % | 1 | 16 ± 0.4 % | **\*0.02** | 15 ± 0.7 % | 0.90 |
| **% common neurons****(day 1 VS day #)** | spontaneous | 42 ± 1.9 % | 33 ± 0.9 % | 0.10 | 22 ± 1.2 % | **\*\*\*2x10-6** | 15 ± 1.5 % | **\*\*\*4x10-9** |
| evoked | 40 ± 3.7 % | 34 ± 1.3 % | 0.26 | 25 ± 0.5 % | **\*\*\*2x10-4** | 15 ± 1.5 % | **\*\*\*4x10-9** |
| Data are presented as mean ± SEM. Kruskal-Wallis test with post hoc Tukey-Kramer: \* p < 0.05, \*\* p < 0.01 and \*\*\* p < 0.001 |