*Supplementary Material Table 1:* Behavior & Interneuron correlation for BALB/cJ mice

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sniffing time social cylinder** | **Sniffing time anti-social cylinder** | **SOM A25** | **SOM A32** | **SOM A24** | **SOM MCC** | **PV** **A25** | **PV** **A32** | **PV** **A24** | **PV** **MCC** |
| **Bites 3 days** r p | .652.384 | -.187.800 | -.615.400 | -.459.430 | -.173.806 | .626.384 | .100.922 | .317.631 | .557.400 | .287.658 |
| **Bites 5 days** r p  | .563.400 | -.082.943 | -.619.398 | -.478.430 | -.280.664 | .650.384 | .238.723 | .207.763 | .643.384 | .211.763 |
| **Attack** r**latency 3 days** p | -.547.400 | .382.538 | .570.404 | .709.384 | -.073.952 | -.291.658 | -.029.993 | -.433.457 | -.476.430 | -.462.430 |
| **Attack** r**latency 5 days**  p | -.471.430 | .358.576 | .647.384 | .659.384 | .014.993 | -.415.466 | -.046.975 | -.428.457 | -.605.384 | -.293.658 |
| **Anti-social** r**attacks 3 days** p | .494.430 | -.220.752 | -.587.398 | -.295.658 | -.237.723 | .691.384 | -.048.975 | .241.723 | .346.593 | .060.960 |
| **Anti-social** r **attacks 5 days** p | .445.441 | -.009.992 | -.689.384 | -.422.462 | -.363.576 | .605.384 | .157.810 | .126.875 | .548.398 | -.018.993 |
| **Sniffing time** r **social cylinder** p | N/A | .164.806 | -.190.806 | -.269.680 | -.454.431 | .497.430 | .464.430 | .541.430 | .507.430 | .492.430 |
| **Sniffing time** r **anti-social cylinder** p | .164.806 | N/A | -.776.384 | -.002.997 | -.743.384 | -.326.620 | .471.430 | -.096.922 | .021.992 | -.337.606 |

*Note*. Correlations are Pearson correlation coefficients; correlation is significant at the .05 level (two-tailed). All correlations corrected with the false discovery rate.

*Supplementary Material Table 2:* Behavior & Interneuron correlation for BALB/cByJ mice

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Sniffing time social cylinder** | **Sniffing time anti-social cylinder** | **SOM A25** | **SOM A32** | **SOM A24** | **SOM MCC** | **PV** **A25** | **PV** **A32** | **PV** **A24** | **PV** **MCC** |
| **Bites 3 days** r p | .231.964 | .520.964 | -.326.964 | -.069.991 | -.099.977 | .018.999 | -.243.964 | -.284.964 | .015.999 | -.185.964 |
| **Bites 5 days** r p  | .475.964 | .138.964 | -.209.964 | .010.999 | .261.964 | .294.964 | -.235.964 | -.600.964 | -.139.964 | -.069.991 |
| **Attack** r**latency 3 days** p | -.142.964 | -.449.964 | .280.964 | .132.964 | .194.964 | .096.977 | .194. 64 | .304.964 | .047.999 | .267.964 |
| **Attack** r**latency 5 days**  p | -.357.964 | -.249.964 | .209.964 | -.004.999 | -.030.999 | -.084.980 | .271.964 | .447.964 | .091.977 | .250.964 |
| **Anti-social** r**attacks 3 days** p | .171.964 | .524.964 | -.329.964 | -.103.977 | -.132.964 | -.023.999 | -.216.964 | -.309.964 | .000.999 | -.192.964 |
| **Anti-social** r **attacks 5 days** p | .554.964 | -.007.999 | -.172.964 | .134.964 | .387.964 | .412.964 | -.334.964 | -.641.964 | -.168.964 | -.067.991 |
| **Sniffing time** r **social cylinder** p | N/A | -.398.964 | .573.964 | .680.964 | .748.964 | .452.964 | -.283.964 | -.253.964 | .018.999 | -.133.977 |
| **Sniffing time** r **anti-social cylinder** p | -.398.964 | N/A | -.451.964 | -.277.964 | -.291.964 | -.104.977 | .289.964 | .262.964 | .405.964 | .205.964 |

*Note*. Correlations are Pearson correlation coefficients; correlation is significant at the .05 level (two-tailed). All correlations corrected with the false discovery rate.