**Figure 1—figure supplement 3—source data 2:** Precision measures, exact p-values, and replicate data relevant to Figure 1—figure supplement 3.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Figure | Comparator 1 | Comparator 2 | Mean 1 | Mean 2 | SE of diff. | n 1 | n 2 | Summary | Adjusted  P Value |
| Figure 1—figure supplement 3a | *Slc32a1flox/flox*  Fastigial | *Pcp2Cre;Slc32a1flox/flox*  Fastigial | 3.656e-4 puncta / µm2 | 2.849e-4 puncta / µm2 | 1.616e-5 | 16 | 14 | \*\*\* | 0.0007 |
| *Slc32a1flox/flox*  Interposed | *Pcp2Cre;Slc32a1flox/flox*  Interposed | 4.015e-4 puncta / µm2 | 1.982e-4 puncta / µm2 | 4.272e-5 | 16 | 14 | \*\* | 0.0011 |
| *Slc32a1flox/flox*  Dentate | *Pcp2Cre;Slc32a1flox/flox*  Dentate | 1.532e-4 puncta / µm2 | 7.209e-5 puncta / µm2 | 2.865e-5 | 16 | 14 | \* | 0.0418 |
| Figure 1—figure supplement 3b | *Slc32a1flox/flox*  Fastigial | *Pcp2Cre;Slc32a1flox/flox*  Fastigial | 2.390% | 1.549% | 0.1074 | 16 | 14 | \*\*\*\* | <0.0001 |
| *Slc32a1flox/flox*  Interposed | *Pcp2Cre;Slc32a1flox/flox*  Interposed | 1.959% | 1.042% | 0.2642 | 16 | 14 | \* | 0.0123 |
| *Slc32a1flox/flox*  Dentate | *Pcp2Cre;Slc32a1flox/flox*  Dentate | 0.7028% | 0.3080% | 0.1361 | 16 | 14 | \* | 0.0368 |
| Figure | Comparator 1 | Comparator 2 | Mean 1 | Mean 2 | SEM | n 1 | n 2 | Summary | P Value |
| Figure 1—figure supplement 3c | *Slc32a1flox/flox* | *Pcp2Cre;Slc32a1flox/flox* | 1.350e-3 puncta / µm2 | 1.324e-3 puncta / µm2 | 1.159e-4 | 9 | 6 | ns | 0.8202 |
| Figure 1—figure supplement 3d | *Slc32a1flox/flox* | *Pcp2Cre;Slc32a1flox/flox* | 8.284% | 9.119% | 0.8126 | 9 | 6 | ns | 0.3229 |