**Supplementary Table 1**. Relative percentages of retrogradely-traced neurons that were or were not positive for RLN3 and their differences in the three combinations of MS/LEnt, MS/MEnt and MS/DG. Percentages are entered as mean ± standard error of the mean.

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| --- |
| **MS/LEnt Combinations** |
| MS | LEnt |
| MS/RLN3– | MS/RLN3+ | LEnt/RLN3– | LEnt/RLN3+ |
| 76.4 ± 1.9 | 23.6 ± 1.9 | 60.7 ± 4.3 | 39.3 ± 4.3 |
| **MS/MEnt Combinations** |
| MS | MEnt |
| MS/RLN3– | MS/RLN3+ | MEnt/RLN3– | MEnt/RLN3+ |
| 79.6 ± 2.5 | 20.4 ± 2.5 | 71.0 ± 3.5 | 28.9 ± 3.5 |
| **MS/DG Combinations** |
| MS | DG |
| MS/RLN3– | MS/RLN3+ | DG/RLN3– | DG/RLN3+ |
| 79.2 ± 2.9 | 20.8 ± 2.9 | 67.8 ± 4.0 | 35.3 ± 4.0 |