**Supplementary Table 1. Effects of optogenetic inhibition of the serotonergic neurons in the median raphe nucleus without acute mecamylamine injection on somatic signs**

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| --- | --- | --- | --- |
| Occurrence (Mean ± SEM, n=3) | | | |
| Ptosis | 0.00 | ± | 0.00 |
| Scratching | 2.33 | ± | 2.33 |
| Shaking | 3.33 | ± | 0.33 |
| Rearing | 14.00 | ± | 7.23 |
| Grooming | 2.33 | ± | 0.33 |
| Miscellaneous | 2.00 | ± | 1.53 |