**Supplemental Digital Content 2:** **Comparison of dose-response relations for anesthetic induction in male vs. female rats using pentobarbital, based on two representative anesthetic endpoints, score ≥11 and score ≥14.** Table entries are p-values comparing males and females before and after lesioning the mesopontine tegmental anesthesia area.

|  |  |  |
| --- | --- | --- |
| **t-test** | **Pentobarbital** | |
| score ≥11 | score ≥14 |
| Males vs females (control-group) | 0.138 | 0.179 |
| Males vs females (lesion-group) | 0.831 | 0.631 |
| Control group vs lesion group (males) | 0.0001 | 0.0003 |
| Control group vs lesion group (females) | 1.7E-05 | 0.0003 |