***Supplementary Material***

**The olfactory hole-board test: a new paradigm to study aversion and preferences to odors in rats**

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**SUPPLEMENTARY FIGURE 1 Midazolam treatment dose-dependently sedated rats (n = 13) (A)** Total number of hole visits (median) of rats after treatment with midazolam (0; 0.19; 0.38 mg/kg midazolam). **(B)** Percentages of total hole visits (median) for the different corner holes and for each treatment are shown. \*\*p < 0.01; \*\*\*\*p < 0.0001 comparison to saline treatment (0 mg/kg); \*p < 0.05; \*\*p < 0.01 comparison as indicated (Holm-Sidak’s/Dunn’s multiple comparison test after significant main effects in an ANOVA/ Friedman test).