

# Measured data of *Drosophila melanogaster* (Diptera Drosophilidae) development and learning and memory behaviour after copper exposition

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## Abstract

This article presents the statistical analysis data from *Drosophila melanogaster* development (from larvae to adult) and learning and memory retention behavior of a Pavlovian conditioning in male and female flies exposed to copper. While the full data sets are available In the article: Copper decrease associative learning and memory in *D. melanogaster*, this data-in-brief article includes the detailed statistical analysis performed. Data demonstrates Statistica Software analysis between the subject part of the analysis: 2 treatments x 2 sexes x 2 ages and within subject part of the analysis: 2 treatments x 2 sex x 2 ages x 4 times, repeated measures.

## Keywords

*Drosophila melanogaster*; Toxicity; Learning and memoryCu<sup>2+</sup>