

## Data Description for Dataset “House cricket personality tests based on emergence behaviour in experimental trials”

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The dataset file ‘Personality\_data\_virus\_infection\_SciRep\_pub.csv’ is a simple csv datafile with 6 columns and 575 rows of data from 87 individual house crickets that were involved in repeated personality testing based on their emergence time from a tube in a novel environment (see the paper “Viral infection changes the expression of personality traits in an insect species reared for consumption” by Low et al.)

During each experimental trial each cricket was individually placed into a tube and the time recorded to it to emerge, and based on multiple measurements this allowed measures of its ‘personality’. The study was concerned with differences in emergence behaviour for crickets that were infected with *Acheta domesticus* densovirus (N=37) and individuals that were certified as virus free (N=50). Experimental trials were repeated for each animal every day or every second day during the data collection period.

The raw data for these experimental trials are as below:

The data consist of 6 columns: 1 (animal.id) = individual animal identifier, 2 (exp.trial) = the number in repeated experimental trials of that individual animal (e.g. 1 means it is the first trial, 3 means it is the third trial for that animal), 3 (densovirus) = whether the animal was infected with densovirus (1) or not (0), 4 (sex) = sex of the animal; male (0) and female (1), 5 (not.leave) = whether the animal left the tube during the 600 second experimental trail; (0) left the tube, (1) did not leave the tube, 6 (time.leave) = the time in seconds before the animal left the tube during the experimental trail...NOTE that a value of 600 here means that the animal did not leave the tube during the experiment