List of data files

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- This document describes contents of the file called "Collective Data.zip" in Zenodo entry 10.5281/zenodo.495697
- The data were used in a manuscript found at https://doi.org/10.1101/086413
- The different data files are organized into whichever Figure they appeared in. Each file contains the data for both the control group (uninduced Kir2.1) and the experimental (induced Kir2.1).

Figure 1 and 2
Metadata for the systematic review. including: the R studio file to generate figures for the systematic review; files for the data extraction; and the list of all the papers that were excluded and included in the analysis.

Figure 3
- Activity Index
- Climbing Index

Figure 4 – CAFE Assay data
- Single Cafe Assay
- Group Cafe Assay

Figure 5
- Alcove entries
- Time To Alcove
- Path Efficiency
- Distance Traveled

Figure 6
- Metabolism measurements
- Lipid Data
- Weight measurements

Additional data

- SNAC data: (Direct Path, Feeding Frequency, Feeding performance probability, Mean path length, Path Length, Path Performance, Standard errors for a number of variables, Number of successful trials, total number of flies in each trial. Then there are a few more files I am not sure exactly what they are but I am attaching them anyway.
- Matlab Files: includes the EGUI and MGUI matlab codes used for analysing the data. It also contains matlab code to generate some of the figures (alcove entries, distance traveled etcetera). The protocol for using the MATLAB code is also included, as well as an example video file.