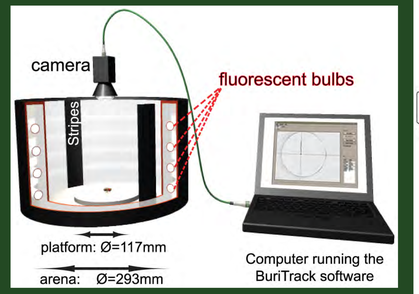
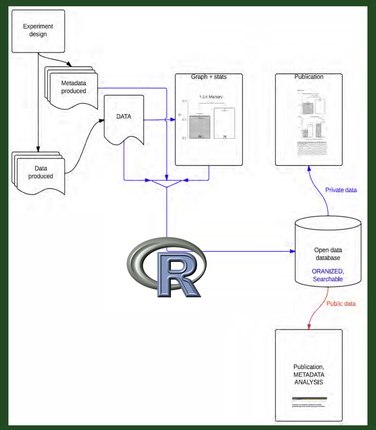
Automating Linked Open Data Publishing

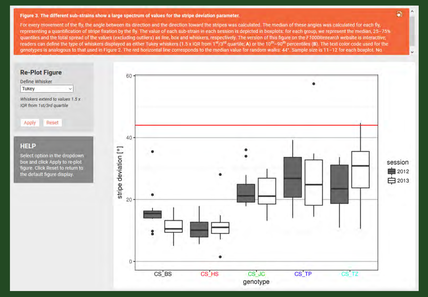
Björn Brembs
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http://lab.brembs.net

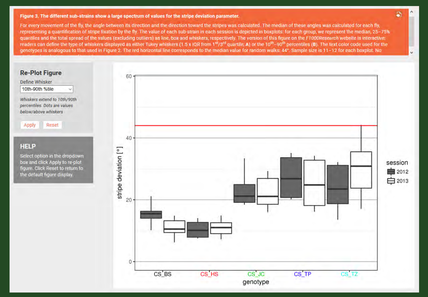
Buridan, ROpenSci and FigShare











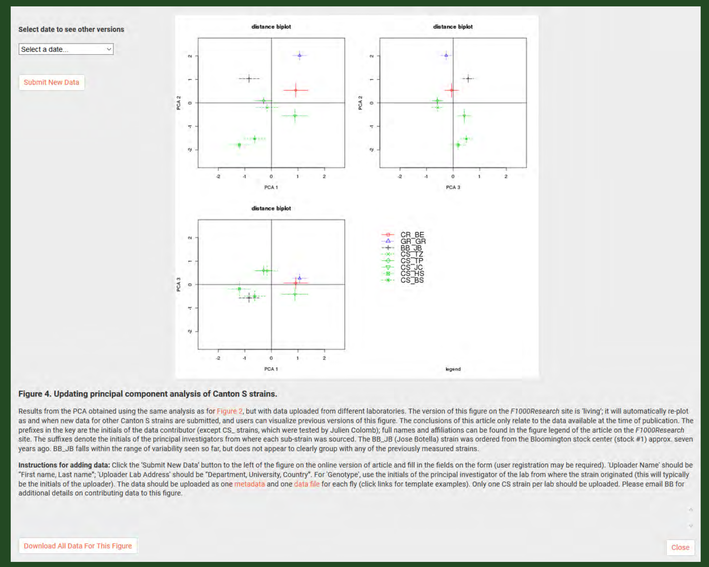


Figure 4. Updating principal component analysis of Canton S strains.

Results from the PCA obtained using the same analysis as for Figure 2, but with data uploaded from different laboratories. The version of this figure on the *F1000Research* site is 'living'; it will automatically re-plot as and when new data for other Canton S strains are submitted, and users can visualize previous versions of this figure. The conclusions of this article only relate to the data available at the time of publication. The prefixes in the key are the initials of the data contributor (except CS_ strains, which were tested by Julien Colomb); full names and affiliations can be found in the figure legend of the article on the *F1000Research* site. The suffixes denote the initials of the principal investigators from where each sub-strain was sourced. The BB_JB (Jose Botella) strain was ordered from the Bloomington stock center (stock #1) approx. seven years ago. BB_JB falls within the range of variability seen so far, but does not appear to clearly group with any of the previously measured strains.

Instructions for adding data: Click the 'Submit New Data' button to the left of the figure on the online version of article and fill in the fields on the form (user registration may be required). 'Uploader Name' should be "First name, Last name"; 'Uploader Lab Address' should be "Department, University, Country". For 'Genotype', use the initials of the principal investigator of the lab from where the strain originated (this will typically be the initials of the uploader). The data should be uploaded as one metadata and one data file for each fly (click links for template examples). Only one CS strain per lab should be uploaded. Please email BB for additional details on contributing data to this figure.

Torquemeter, Frictionless Data and the library

