Testdat

Hilary Parker[1*]

1. Etsy *Contact author: hilary@etsy.com

Unit testing is an established critical step of software development. However, an equivalent standard has not yet been implemented for assessing data quality. In this poster I will present the testdat package, which provides a test suite to ensure that tabular data are correctly formatted. This suite has two goals – first, it allows a user to immediately identify potential issues with the data. Second, it functions to communiate to readers of an analysis that the data analyst investigated errors in the data. Use of the testdat package will help ensure reproducible research, as well as a reproducible thought-process for dealing with data quality issues.