A shiny app for the computation of the Cohen's d

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Cohen's d is one of the most used effect size measures. This app provides a user friendly tool for the computation of the Cohen's d between two samples. Users will find a brief description of the Cohen's d, along with two options for its computation. Cohen's d can be computed either by setting the statistics of the two samples (i.e., M_1, s_1^2, n_1 and M_2, s_2^2, and n_2) or by directly uploading the data. In the latter case, the results of the t-test will be displayed along with the graphical representations of the two samples.

Number of students: 4-5

Necessary skills:

- Shiny: Intermediate (app layout, reactive environments, action buttons, import of external files)
- R: basic (objects creation/storage, plots, writing *ad hoc* functions)