LA Supported Student Outcomes (LASSO) Study

Assessment: FMCE
Institution: Example University
Course: PHYS 1000 001
Instructor: firstName lastName
Semester: Fall 2015

N (course) = 181
N (pre) = 172 (mean = 45%)
N (post) = 124 (mean = 63%)
N (matched) = 115

Effect Size ($d$) = 0.52
Learning Gain:
\[
\frac{\%\text{post} - \%\text{pre}}{100\% - \%\text{pre}} = 0.33
\]

Effect size (Cohen's $d$) is a common statistical measure of student improvement. It measures student improvement in units of standard deviations $\frac{\%\text{post} - \%\text{pre}}{SD_{\text{post}}}$. 

Data for the analysis was cleaned by removing student tests that took under 300s and/or answered less than 80% of the questions.