

Learning Assistant Alliance

A project of the University of Colorado-Boulder LA Model

learning assistant alliance.org

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%)

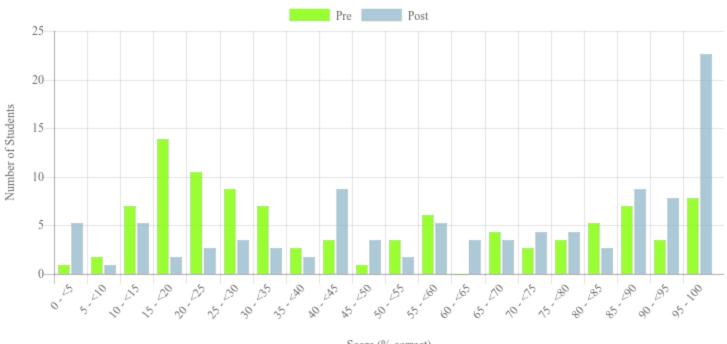
N (matched) = 115

Effect Size (d) = 0.52

Learning Gain:

 $\frac{\text{%post} - \text{%pre}}{100\% - \text{%pre}} = 0.33$

Pre and Post Scores (n = 115)



Score (% correct)

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

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