

t-test extra credit homework

Study One:

Two classes. One with videos for case studies; one with traditional case studies from a textbook.

H: Students experiencing video case studies will report higher engagement with their online course than students using traditional case studies from a textbook.

Measures of student online engagement

Video case studies	Textbook case studies
25	17
23	18
21	19
18	17
25	24
23	15
24	13
16	21
17	18
23	
19	

Run the appropriate statistical test. Report the data as you would in the Results section of a paper.

Study Two:

I believe that the student in COM 582 put in more hours studying, reading and writing each week than the norm for students in graduate courses: 15 hours per week per course.

582 students' average hours per week for the month of September:

16
12
18
20
11
20
18

Run the appropriate statistical test. Report the data as you would in the Results section of a paper.