

Carefully read the description of the experiment below. Be prepared to answer the questions that follow the design description as a class quiz.

A researcher in education wants to compare learning styles. Her research considered three presentation modes; (1) Compressed video presentation where the student is at the broadcast site, (2) Compressed video at the receiving site and (3) normal classroom without compressed video. The study was conducted on an undergraduate nutrition class for which the instructor had both compressed video classes and a regular class sections. The investigator examined many factors, but if we were to consider only the presentation mode, what would be the appropriate method to compare the mean of student's scores on the midterm exam for the 3 class types?



Table 7

H-Test (Kruskal-Wallis) Mid-term vs. Class Site (Ho 1.)

Class Site	<u>N</u>	Mid-term grade Mean Rank
Broadcast Classroom	14	43
Remote Classroom	36	47.361
Traditional Classroom	36	39.833
H	Degrees of Freedom	P
1.6429	2	0.4399