

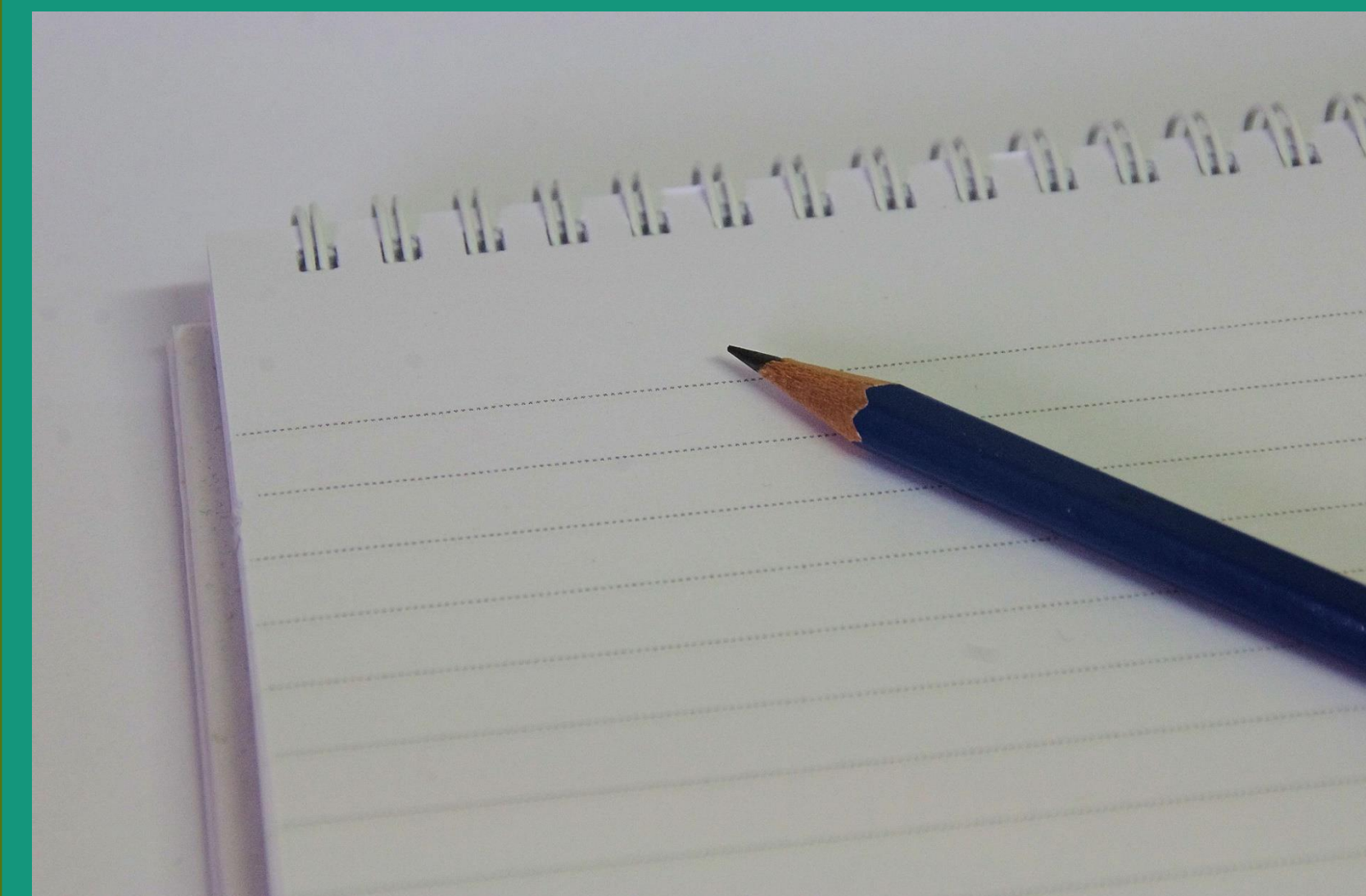
In-person vs. Online Courses: Which Mode of Instruction Is More Effective

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HYPOTHESIS

- ❑ It is expected that students attending in-person courses retain more knowledge and education than those enrolled in online courses.



PARTICIPANTS

- ❑ 48 Students
- ❑ 38 Women/9 Men
- ❑ Average Age = 20
- ❑ Race
 - ❑ African American (N =44, 91.67%),
 - ❑ White, (N= 1),
 - ❑ Latino (N =1),
 - ❑ Asian (N =1),
 - ❑ Native American, and (N = 2) and
 - ❑ 1 participant indicated their race as Multiracial/Biracial.



MEASURES

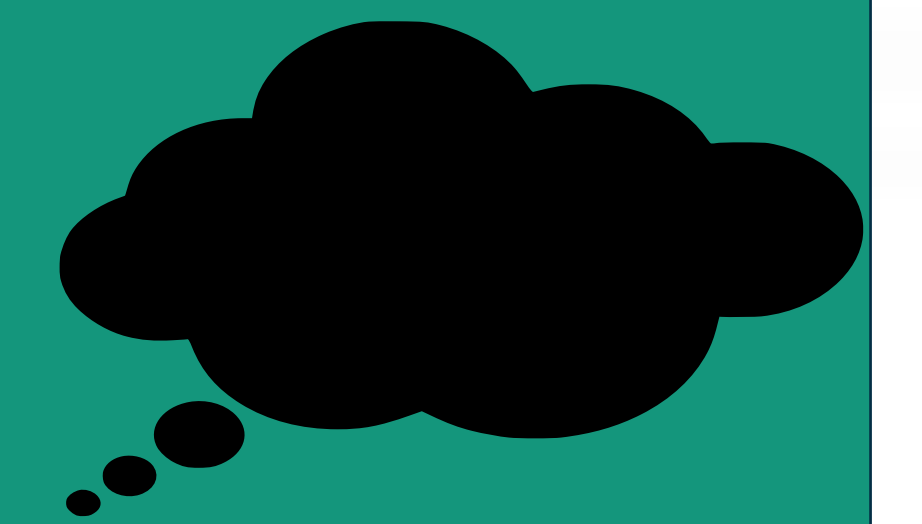
- ❖ 8 questions referring to in-person courses asking about interest, satisfaction in course with responses ranging from, not all, a little, somewhat, and most definitely.
- ❖ 8 questions referring to online courses about satisfaction, enjoyability, etc. ranging from not at all being the least, to a little, followed by somewhat and last, most definitely.

RESULTS

1. Interest in information being taught in an online course:
 - $F(2, 43) = 4.377, p = .019$; Significant! Participants enrolled in an in-person course had a lower interest in information being taught ($M = 2.26$), whereas online students had a higher interest in information being taught ($M = 3.22$)
2. How likely an individual is to enjoy an in-person class
 - $F(2, 43) = 5.185, p = .010$; Significant! those enrolled in, in-person courses enjoyed in-person courses more ($M = 3.45$), and those enrolled in online asynchronous courses enjoyed the class less ($M = 2.75$)



DISCUSSION



The results of this study suggest the following:

- ❑ Students have it easier with advances in technology such as artificial intelligence while taking online courses
- ❑ Students who engage in in-person courses develop into more efficient students
- ❑ Students enrolled in online courses have a higher interest in class vs those online.

