There are differences of performance during in-person regular testing between students with and without disabilities

# **Title:** Assessing whether regular in-person testing

# is inclusive for students with disabilities

## **Background:**

- There are many benefits of regular testing (e.g., improved recall, increased performance and confidence)<sup>1,2</sup>
- However, how inclusive these tests are remains unanswered
- Playfoot et al., (2022) found no difference in online quiz performance between students with, and without additional learning needs<sup>3</sup>







- without (M = 88.30, SD = 6.95); t(178) = -1.682, p = .094, d = 0.3.• Year 2 & 3 students: statistically significant differences between
- students with a disclosed disability (M = 72.78, SD = 19.11) and those without (M = 81.39, SD = 9.83); t(235) = -4.126, p < .001, d = 0.57.

#### **Weighted Average**

- Significantly lower for students with a disclosed disability (M= 80.07, SD = 9.42) compared to those without (M = 82.72, SD = 6.81); *t*(415) = -2.661, *p* = .008, d = 0.24.
- Year 1 students: no statistically significant differences between students with a disclosed disability (M = 85.80, SD = 5.85) and those without (M = 86.53, SD = 5.44); t(178) = -0.615, p = .528, d = 0.13.• Year 2 & 3 students: statistically significant differences between students with a disclosed disability (M = 76.31, SD = 9.47) and those





#### **Stage 1 Analysis**

T-tests calculating differences in performance (using Unit Board Average & Weighted average) between students with and without a disclosed disability.

Stage 2 Embed historical data going back to 2018/19

# 2/3 Year

#### References

1. Sotola, L. K., & Crede, M. (2021). Regarding Class Quizzes: A Meta-analytic Synthesis of Studies on the Relationship Between Frequent Low-Stakes Testing and Class Performance. Educational Psychology Review, 33(2), 407–426. https://doi.org/10.1007/s10648-020-09563-9. 2. Yang, C., Luo, L., Vadillo, M., Yu, R., & Shanks, D. (2021). Testing (quizzing) boosts classroom learning: A systematic and meta-analytic review. Psychological Bulletin, 147. https://doi.org/10.1037/bul0000309. 3. Playfoot, D., Wilkinson, L. L., & Mead, J. (2022). Is continuous assessment inclusive? An analysis of factors influencing student grades. Assessment & Evaluation in Higher Education, 0(0), 1–13. https://doi.org/10.1080/02602938.2022.2150834

### PRESENTERS

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### **STUDY TEAM**

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