# Comparing grade outcomes of online and in-person tests in the college classroom:

Does the testing modality matter?

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Online testing may increase equity/inclusion and reduce barriers (e.g., test anxiety) (CAST, 2018, 2024; Hanesworth et al., 2019)

Research Question: When students write their test online, does it affect performance?

#### **Methods**

**Participants:** Two cohorts (n = 26 and n = 21) in a SSW psychology course.

# **Materials and Procedure:**

- Test (45 MPC, T/F questions); 2<sup>nd</sup>
   test in the course
- o Format:
  - F2022: paper and pencil (F2F)
  - F2023: DC Connect (online)

### Results

- Higher grades online (t(45) = 2.44, p < .05)
- Still sig. after controlling for final grade (F(1, 44) = 21.84, p < .001)

		Grade			
Test Modality		Test Grade		Final Grade	
	N	M	SD	M	SD
In-person	21	73.81	17.16	81.61	11.05
Online	26	83.19	9.82	80.29	10.38

## **Discussion**

# Possible causes:

- Reduced barriers/anxiety (UDL)
- Academic integrity

Online tests may be more inclusive and accessible

**Limitations:** Sample size and generalizability; between-subject design

#### Deferences

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