

# Feedback Methodology Effects on Team Communication and Performance

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## Objective

We examined the effects of public versus private and team versus individual feedback on team communication and performance to improve team tutoring.

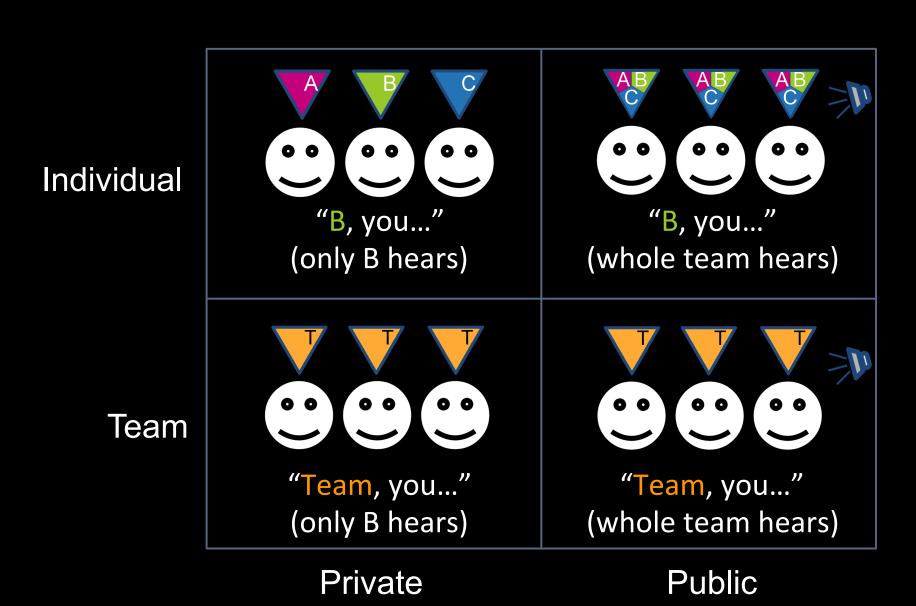
#### Research Question

Does altering the type and target of feedback given increase team communication and performance?

## Background

- The Multiple Errands Test (MET) examines Executive Functions; we are looking at the Executive Functions of a team.
- MET has been used in virtual environment before, but not yet for a team.
- Team given individual feedback perform better on individual tasks; teams given team feedback perform better on team tasks.

# Method



## Metrics Triangulation

#### **Biometrics**

Skin Conductance – Emotional Response Blink Rate – Attention Affect – Facial Emotion

#### Self Report

Perceived Helping Behaviors – Cooperation Perceived Performance – Competence

#### Observation

Avatar Path Tracing – Efficiency
Rule Breaking – Correctness
Question & Answer – Team Collaboration

# **Expected Results**

[TBD]

