



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]

