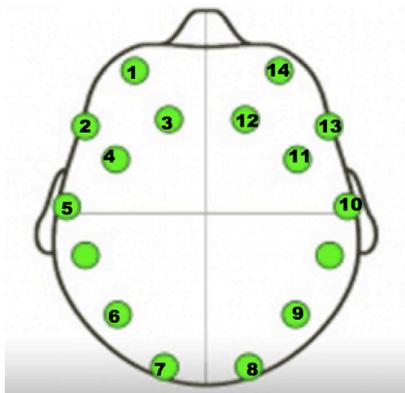


Using EEG to Predict Affect, Activity, and Cognitive Effort While Using a Math Tutor

Judith Azcarraga, Jessica Nelson, Geoff Gordon, Jack Mostow

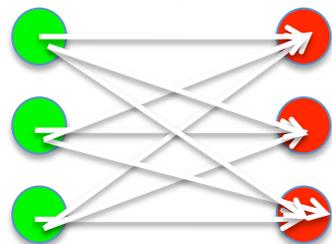


Independent Variables: EEG data from 14 sensors

Dependent Variables:

- Confidence (1-100)
- Excitement (1-100)
- Frustration (1-100)
- Interest (1-100)
- Difficulty (1-100)
- Tutor Activities
 - Thinking
 - Hinting
 - Answering

Linear Regression



VS.

Multi-task Linear Regression

