

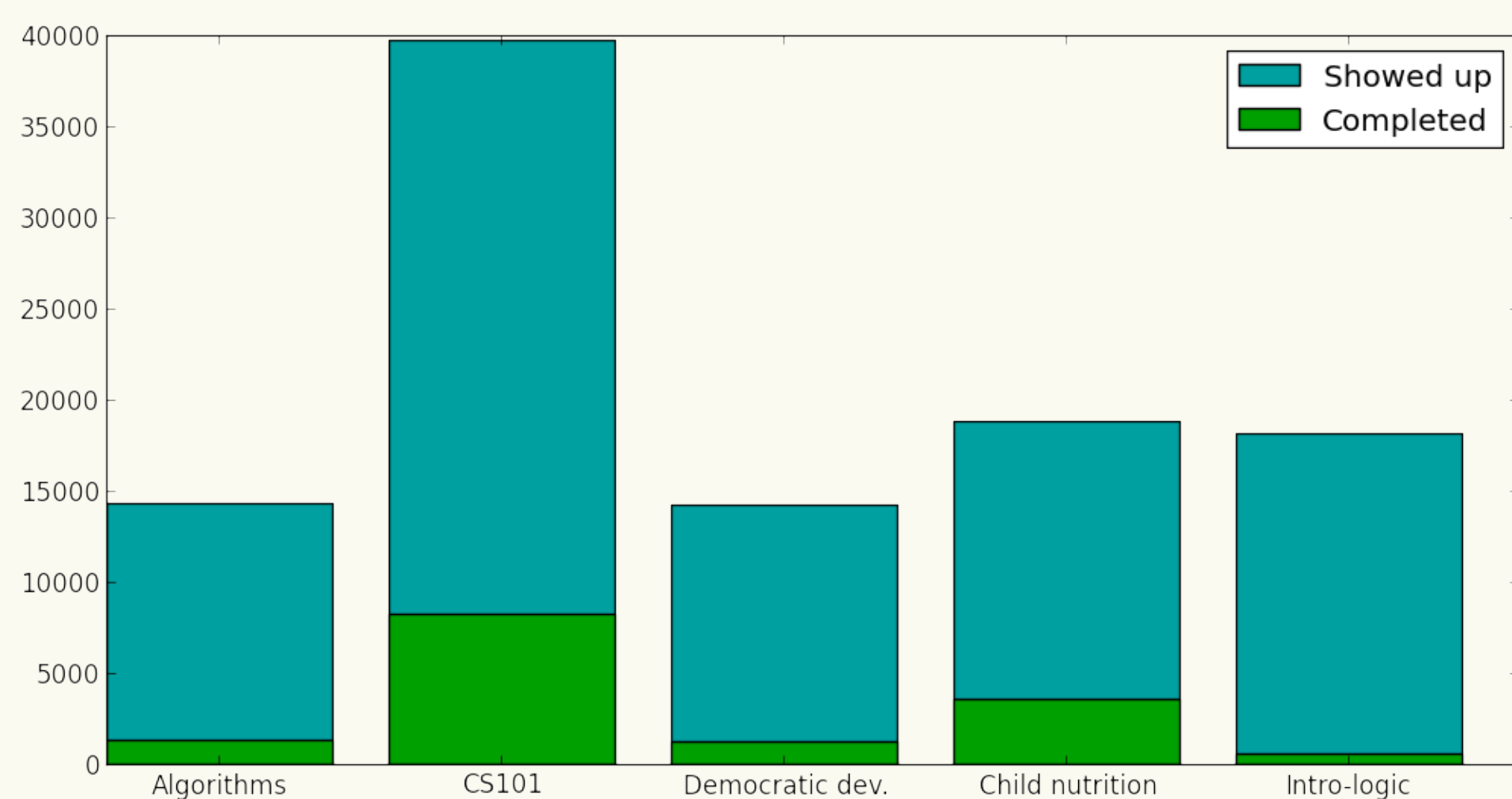
Understanding Attrition in MOOCs

Sherif Halawa

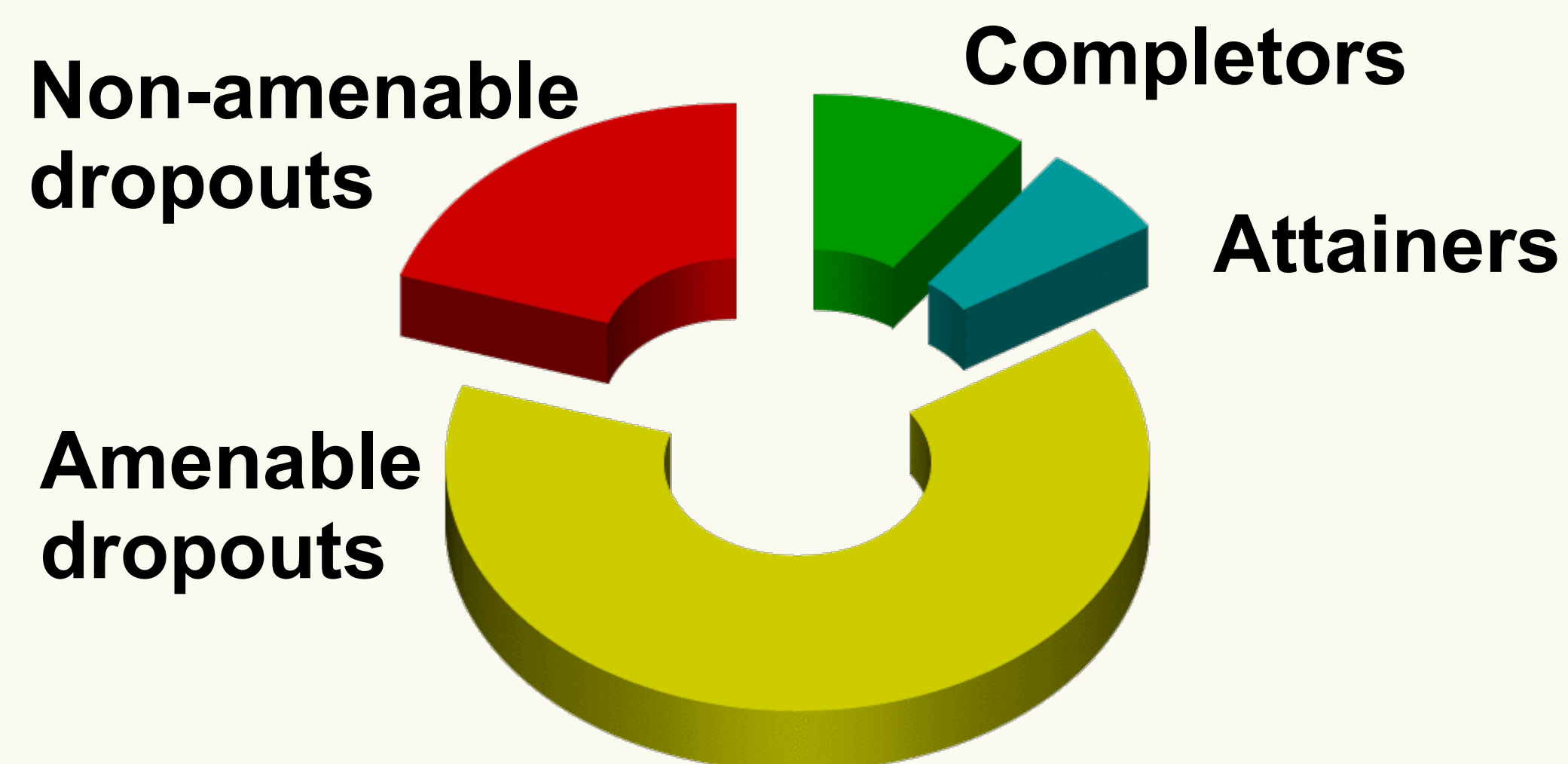
Pr. John Mitchell

Attrition in MOOCs

Showup vs Completion



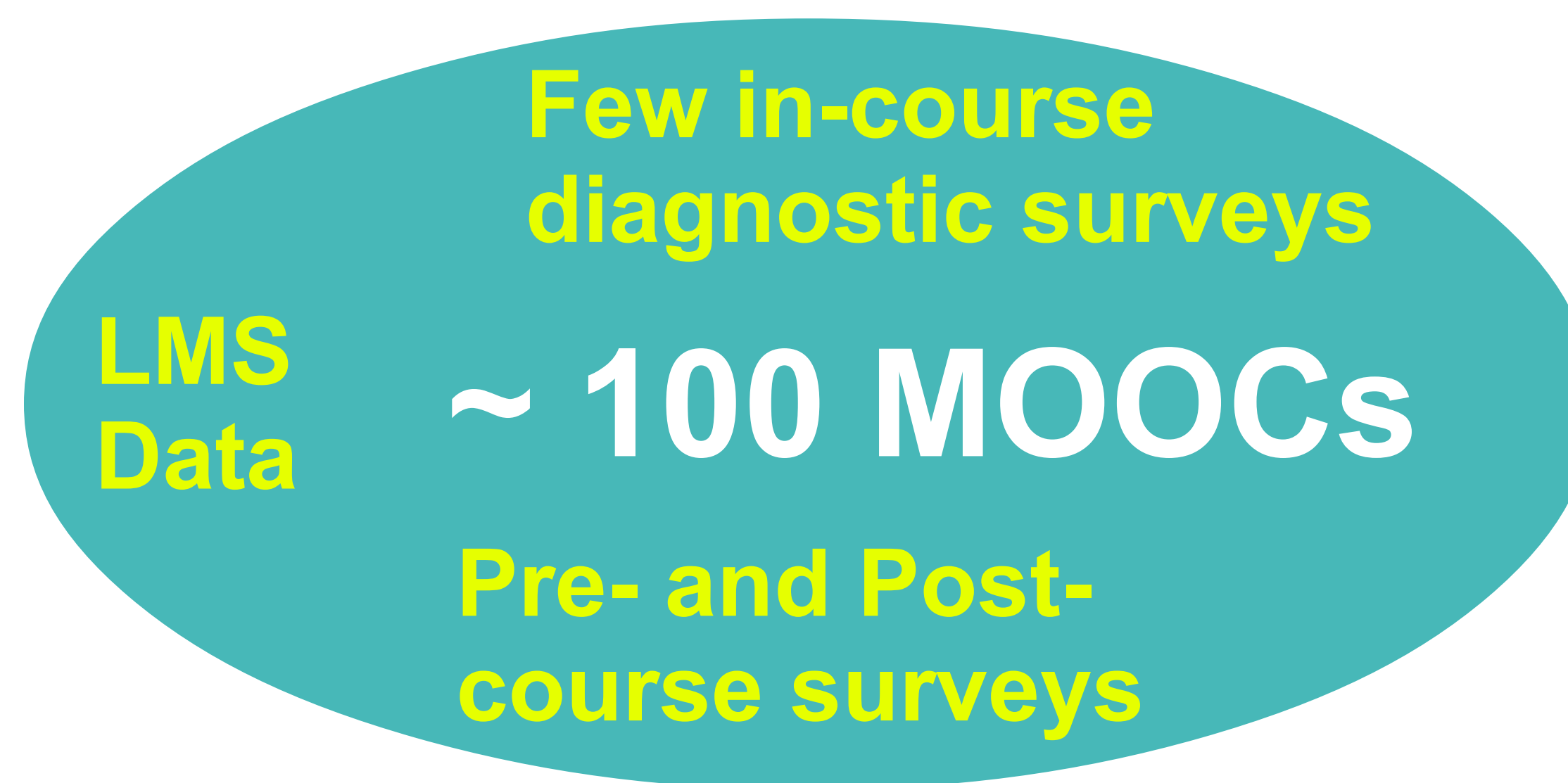
Attainment Classes



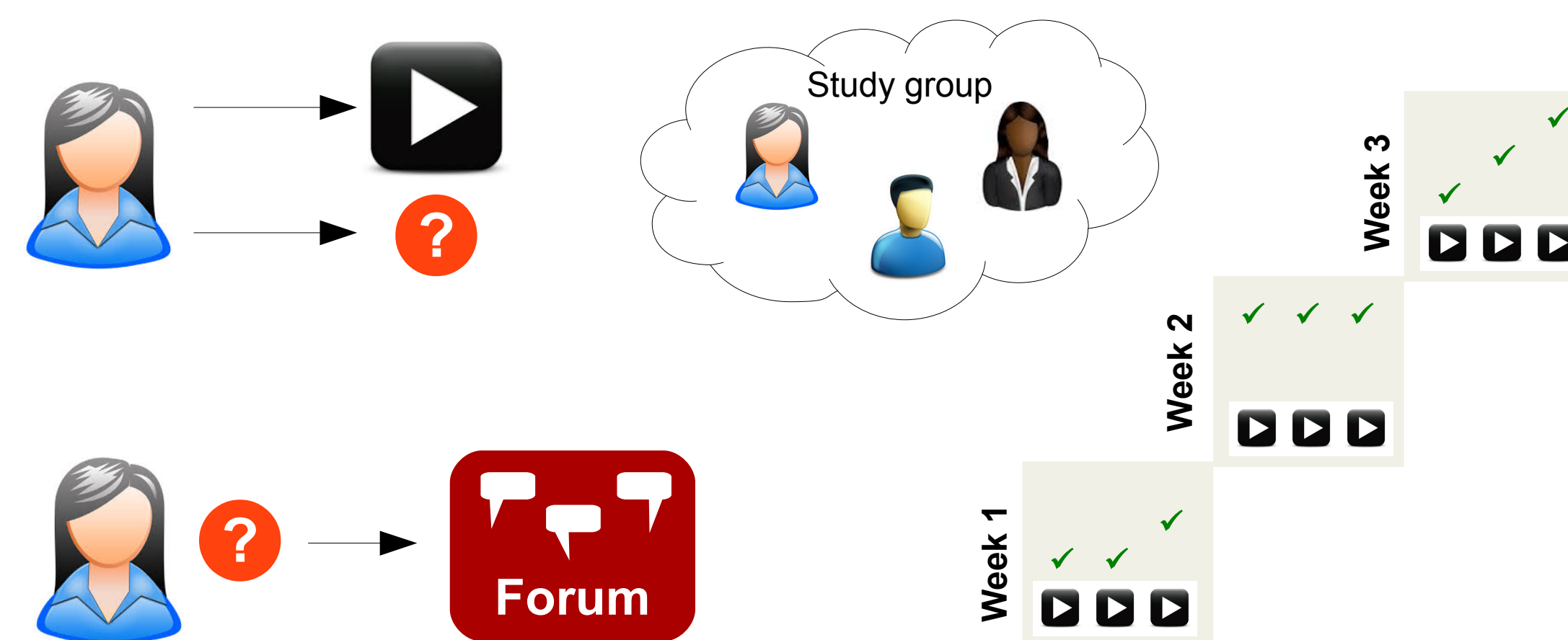
Intervention Design for Reducing Attrition



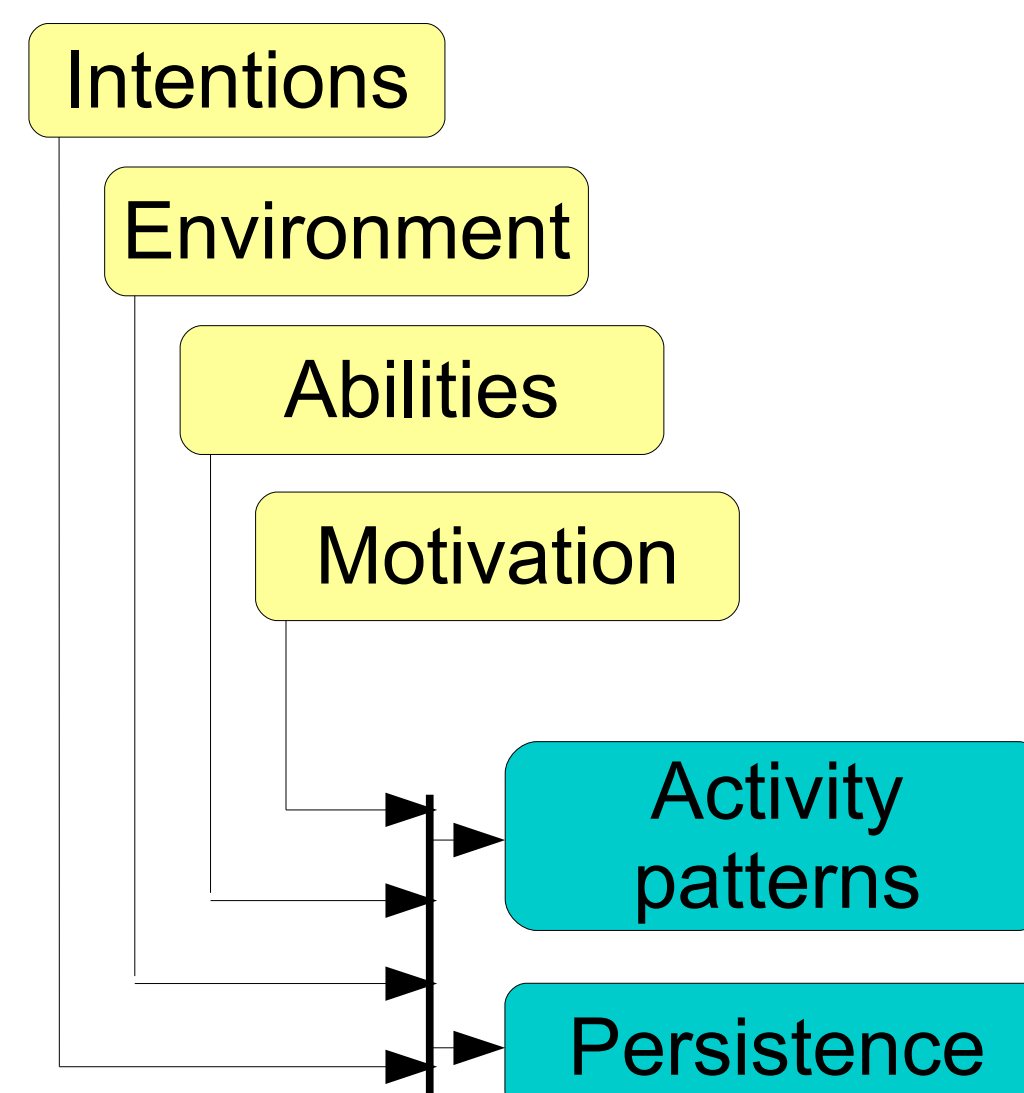
Prediction & Diagnosis



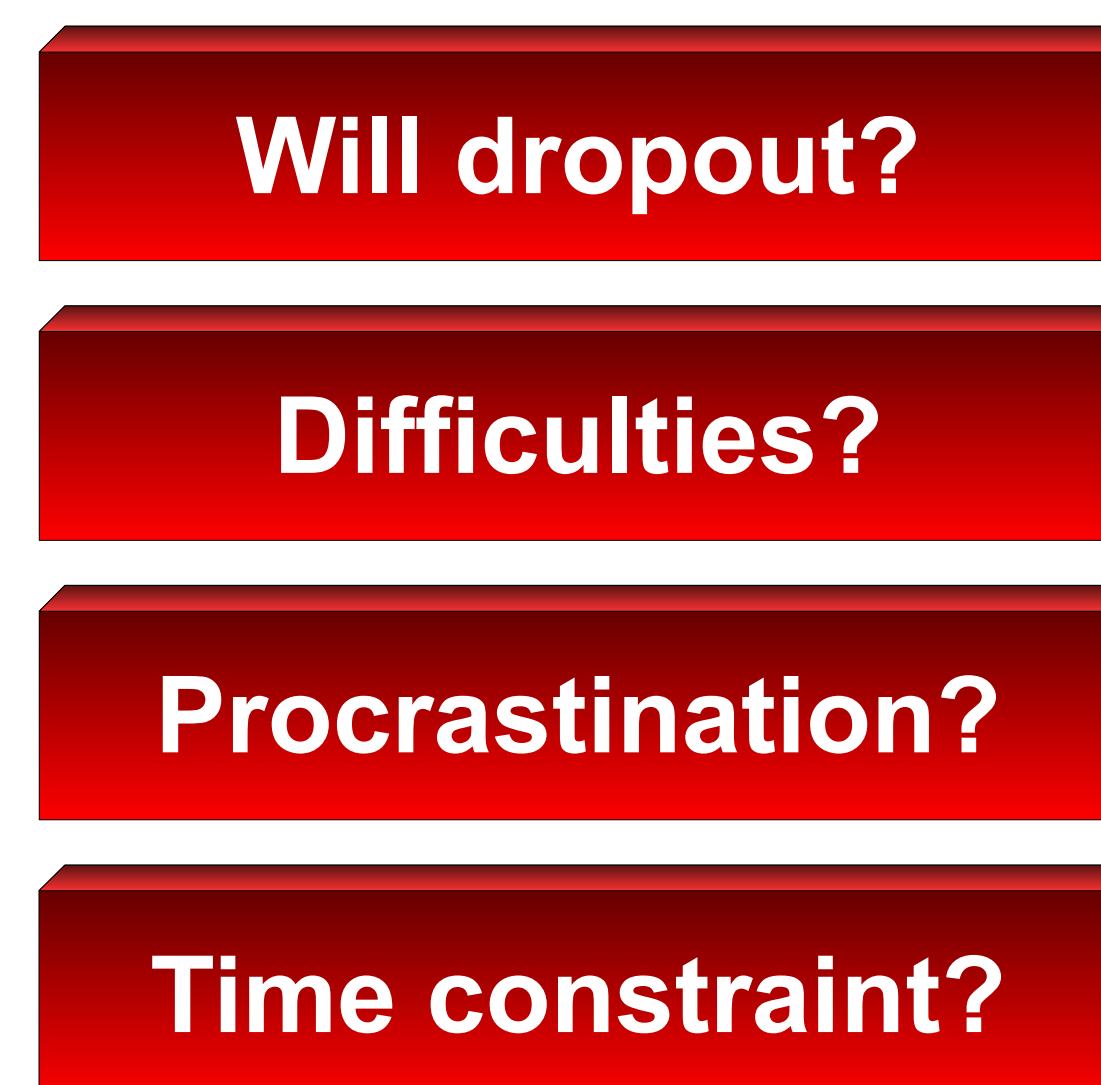
Feature Extraction



Relationships

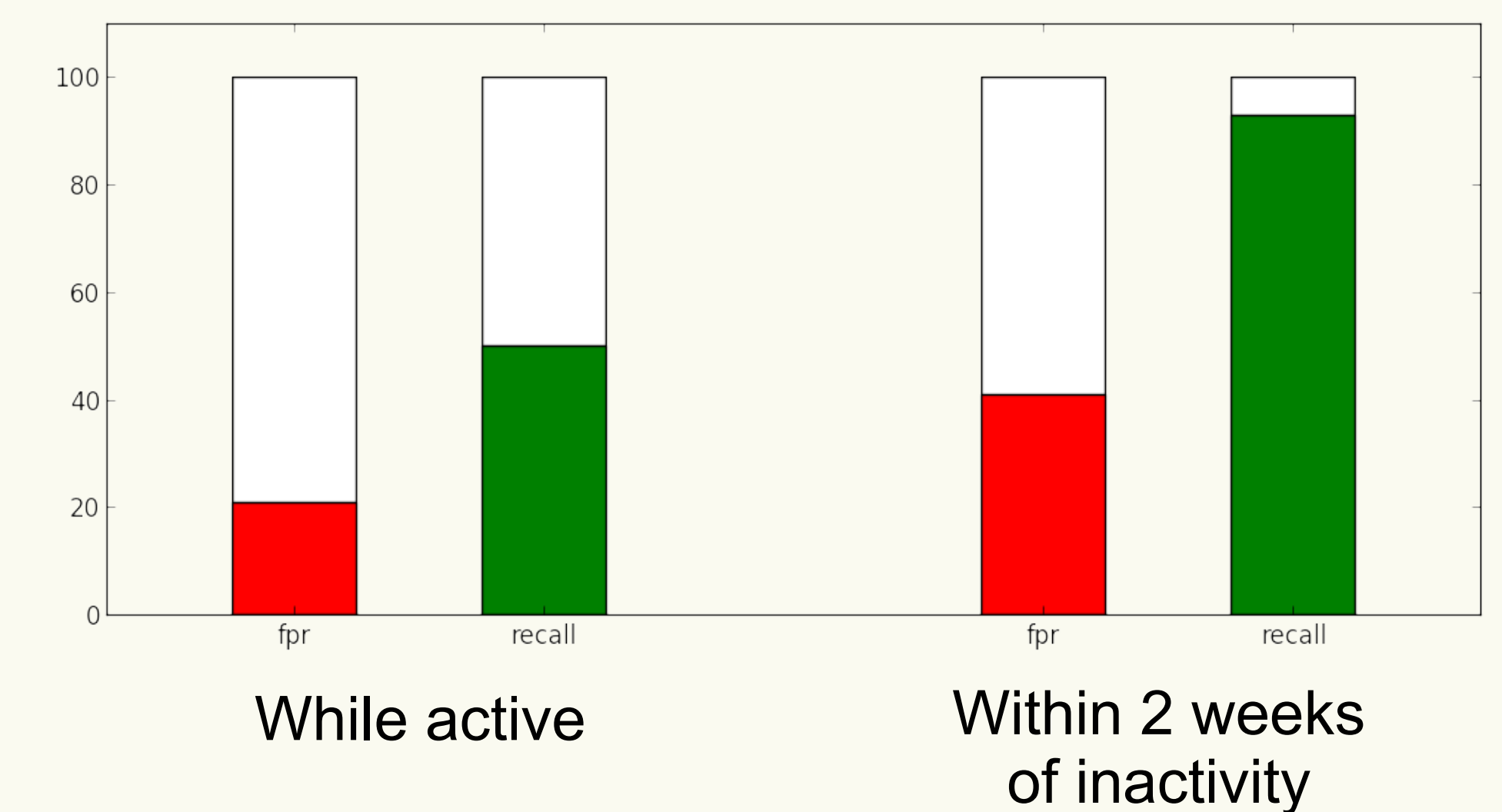


Prediction Models

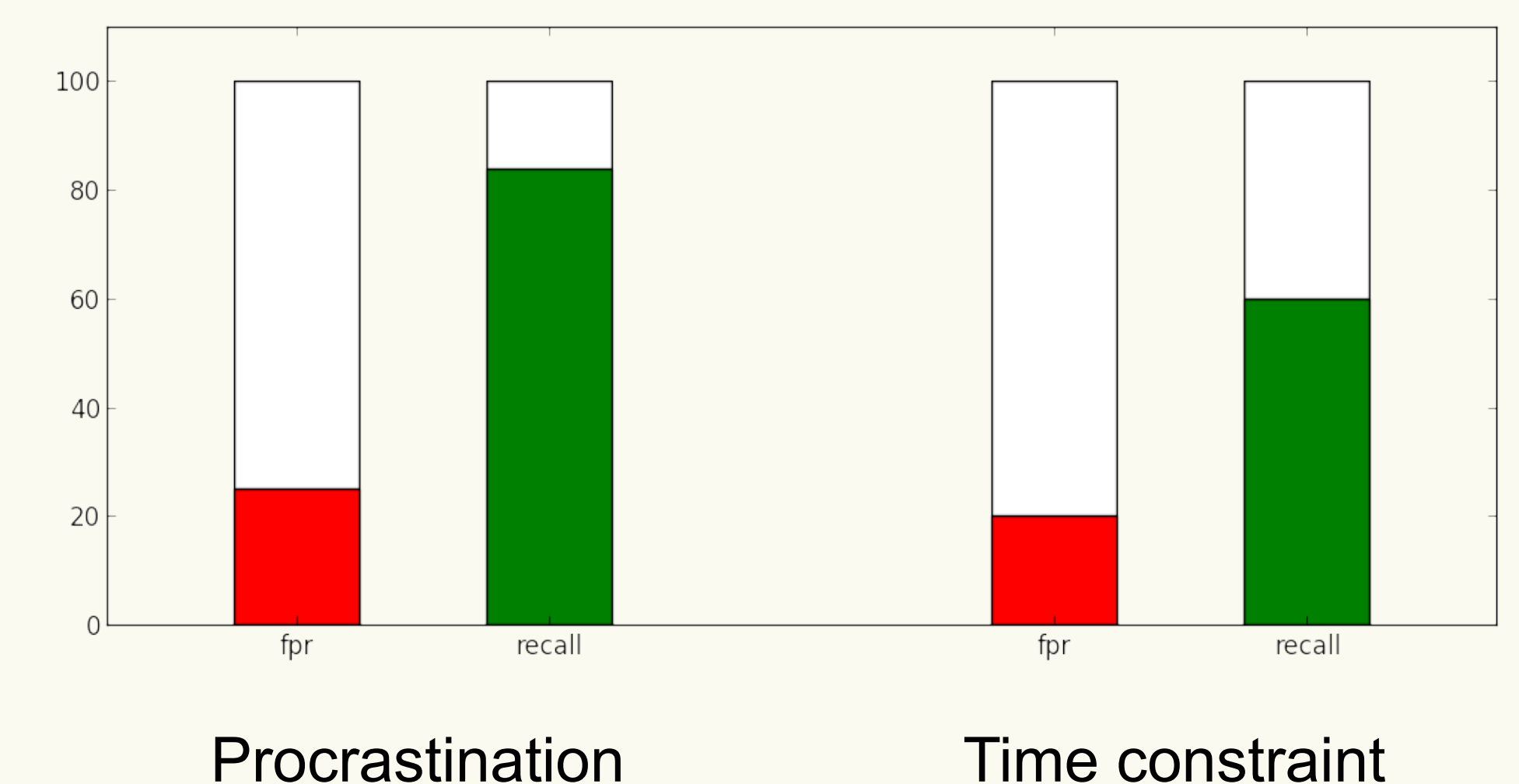


Results & Future Work

Predicting Dropout



Diagnosing Dropout



Next Steps:

Analytics-based intervention design

