Online Seminar on Undergraduate Mathematics Education

The Calculus Baseline Assessment

A diagnostic tool that aims to capture student voice at scale, using text analytics and data visualization

Caroline Junkins, McMaster University

Diagnostic tools can be used to measure student mastery of prerequisite skills and preparedness for a given course. For a large-enrollment course serving students with a variety of backgrounds, skillsets, and motivations, can we use this type of tool to generate action-oriented insights and inform teaching? In this project, we propose a framework for a diagnostic tool designed to provide nuanced information about a student cohort's preparedness in a scalable way.

Noon ET, February 20, 2024

Zoom link: https://cornell.zoom.us/j/92415199317, passcode olsume

For more information on OLSUME: https://olsume.org/