

Request #: 557 - HDFS - Poster or Presentation

Racial bias, university type, and STEM outcomes

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Background

Racial bias weakens scientific identity, efficacy, and career aspirations by triggering and perpetuating threatening stereotypes. This study examined racial bias, campus climate and STEM outcomes among African American science students attending a Historically Black College/University (HBCU) or a Predominately White Institution (PWI).

Sample

Survey data with five occasions measured over a two year period.

Hypothesis

Does racial bias (everyday discrimination, campus racial tension) contribute to STEM outcomes (STEM identity, efficacy, career intentions) via stereotype threat? Do these associations differ among students attending a PWI vs. HBC

Progress

I'm trying to estimate the models in MPlus and can't get them to converge, getting errors that I'm unfamiliar with.

Request

Identifying problems with MPlus inp program; explain results.

Timeline

I'm trying to conduct these analyses for a poster submission to AERA, abstract due July 12.