

Request #: 488 - TEAL - Dissertation

Categorization of the Features in Digital Curriculum Materials Reported by Teachers on the AIRS 2019 Survey

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September 29, 2020

Background

I would like to use data from the AIRS 2019 Survey where teachers were asked which to mark from a list which PROGRAMS they use once a week or more. I would like to take this variable and create a NEW variable that is a categorization of each program by feature. This would allow me to report which features are available to teachers IN programs they use once a week or more.

Sample

I plan to purchase the data from RAND as soon as it becomes available “this fall” 2020.

Hypothesis

RQ1: What are the frequencies of features available in digital curriculum resources most commonly selected by teachers for use during mathematics instruction? RQ2: What are the relationships between the frequencies of the most common features of digital math curriculum resources and school characteristics (e.g., low income, grade bands)? RQ3: What are the relationships between the frequencies of features the most common features of digital math curriculum resources and teacher characteristics (e.g., teacher prep type, experience, PD participation, and knowledge of rigor)?

Progress

None. I am working on writing the proposal.

Request

I am simply seeking validation that what I want to do is acceptable and feasible from a statistics standpoint.

Timeline

I hope to defend my proposal this fall semester.