Analyzing NAEP Data Using R

Thursday, June 2nd from 1 - 5 PM
Zoom Webinar

Course agenda/lesson plan

Time	Course Contents
1:00-1:10 **(15 mins)**	Course Overview - Emmanuel
1:10-2:00 **(50 min)**	Introduction to large-scale assessments and complex sampling design (with NAEP and TIMSS as examples) – Marty
	5 mins break
2:05-2:35 **(25 mins)**	Plausible Values - Ting
	5 mins break
2:40-2:55 **(15 mins)**	Intro to R and why EdSurvey – Michael
2:55 -3:25 **(30 mins)**	The R "EdSurvey" package functionality intro – Michael
	• Data Processing
	• Data manipulation
	5 mins break
3:30-4:00 **(30 mins)**	The R "EdSurvey" package functionality intro - Sinan
	• Summary statistics and Cross tabulation
	• Achievement levels and percentiles
	5 mins break
4:05-4:45 **(40 mins)**	The R "EdSurvey" package functionality intro - Paul
	• Linear regression
	• Gap
	5 mins break
4:50-5:00 **(10 mins)**	Wrap up and Q&A - Emmanuel