

Analyzing NAEP and TIMSS Data Using R

Thursday, June 2nd from 1 - 5 PM

Zoom Webinar

Course agenda/lesson plan

Time	Course Contents
1:00-1:10 (10 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
	<ul style="list-style-type: none">• Data Processing
	<ul style="list-style-type: none">• Data manipulation
	5 mins break
3:30-4:00 (30 mins)	The R “EdSurvey” package functionality intro - Sinan
	<ul style="list-style-type: none">• Summary statistics and Cross tabulation
	<ul style="list-style-type: none">• Achievement levels and percentiles
	5 mins break
4:05-4:45 (40 mins)	The R “EdSurvey” package functionality intro - Paul
	<ul style="list-style-type: none">• Linear regression
	<ul style="list-style-type: none">• Gap
	5 mins break
4:50-5:00 (10 mins)	Wrap up and Q&A - Emmanuel