***2023 NAEP Intern Training***

***Analyzing NAEP/Educational Large-scale Assessment Data with EdSurvey Using R***

***Agenda***

Day 2 – 6/7/2023

3:30 pm to 5:30 pm (EDT)

**Instructors**: Sinan Yavuz, Charles Blankenship, Blue Webb

2:30-2:55 Introduction to R and the packages EdSurvey and Dire – Sinan

2:50-3:35 Data process and manipulation – Blue

3:35-3:45 10 mins break

3:45-4:05 Descriptive statistics (e.g., summary2, edsurveyTable) – Charles

4:05-4:20 Integrations with other packages (dplyr, ggplot2) – Blue

4:20-4:30 Q/A

Day 3 – 6/8/2023

2:30 pm to 4:30 pm

2:30-2:55 Achievement Level Analysis - Sinan

2:55-3:05 Percentile Analysis – Charles

3:05-3:10 5 mins break

3:10-3:25 Gap analyses (between-group) - Sinan

3:25-4:05 Linear regression (lm.sdf and mml.sdf) - Blue

4:05-4:10 5 mins break

4:10-4:20 Logistic Regression - Charles

4:20-4:30 Q/A and Closing