

Catalyst Large Database Analysis Research Advanced Workshop

- Schedule -

Day 1:

07:45 AM - 08:00 AM:	Registration
08:00 AM - 08:50 AM:	Longitudinal trend analysis with NIS/NRD/NEDS
09:00 AM - 09:50 AM:	Multiple Imputation for survey data
10:00 AM - 10:50 AM:	Propensity matching for survey data
11:00 AM - 11:50 AM:	<i>Hands on: Longitudinal trend analysis</i>
12:00 PM - 01:00 PM:	Lunch
01:00 PM - 01:50 PM:	<i>Hands on: Multiple Imputation</i>
02:00 PM - 02:50 PM:	<i>Hands on: Propensity matching</i>
03:00 PM - 03:50 PM:	<i>Hands on: Cheating STATA to make calculations faster, how to append databases</i>
04:00 PM – 05:00 PM:	<i>Hands on: Using do loops to execute a set of programs over multiple years automatically, change hospital charges to hospital costs</i>

Day 2:

08:00 AM - 08:50 AM:	Survival analysis, Kaplan-Myers curves and cox regression analysis for survey data
09:00 AM - 09:50 AM:	Nationwide Readmission database part 1
10:00 AM - 10:50 AM:	Nationwide Readmission database part 2
11:00 AM - 11:50 AM:	<i>Hands on: Survival analysis, Kaplan-Myers curves and cox regression analysis</i>
12:00 PM - 01:00 PM:	Lunch
01:00 PM - 01:50 PM:	<i>Hands on: Nationwide Readmission database</i>
02:00 PM - 02:40 PM:	<i>Hands on: Transformations, Poisson and other regressions</i>
02:50 PM - 03:20 PM:	<i>Hands on: hospital volumes calculation, most common principal readmission diagnoses in a study population and other useful topics</i>
03:30 PM - 04:30 PM:	<i>Hands on: NRD Published manuscript do file overview</i>
04:30 PM - 05:00 PM:	Closing comments, feedback, evaluation