

## Catalyst Large Database Analysis Research Workshop

### - Schedule -

#### Day 1:

07:30 AM - 08:00 AM:	Welcome and Introduction
08:00 AM - 08:40 AM:	What large databases are: Focus on NIS
08:50 AM - 09:20 AM:	What large databases are: Focus on NEDS
09:30 AM - 10:10 AM:	ICD9- CM codes: The large databases building blocks
10:20 AM - 11:50 AM:	ICD10- CM codes
11:00 AM - 12:00 PM:	Statistical concepts: p-value
12:00 PM - 01:00 PM:	Lunch
01:00 PM - 01:30 PM:	<b>Hands on:</b> <i>STATA basics</i> <i>Types of data, importing/exporting data, do files, log files, etc...</i>
01:40 PM - 02:40 PM:	<b>Hands on:</b> <i>data management: drop, delete, create, do file,</i>
02:50 PM - 03:50 PM:	<b>Hands on:</b> <i>descriptive statistics</i>
04:00 PM - 05:00 PM:	<b>Hands on:</b> <i>Hypothesis testing and obtaining p values</i>
05:00 PM - 05:30 PM	<b>Hands on:</b> <u>Optional:</u> <i>additional exercises</i>

**Day 2:**

08:00 AM - 08:30 AM:	Type of studies that can be conducted using large databases
08:40 AM - 09:20 AM:	Type of studies that cannot be conducted using large databases
09:30 AM - 10:10AM:	Univariate linear regression
10:20 AM - 10:50 AM:	Multivariate linear regression
11:00 AM - 11:30 AM:	Logistic regression (univariate and multivariate)
11:40 AM - 12:30 PM:	Principles of model building
12:30 PM - 01:30 PM:	Lunch
01:30 PM - 02:00 PM:	<b><i>Hands on: Using linear regression in STATA</i></b>
02:10 PM - 02:40 PM:	<b><i>Hands on: Using logistic regression in STATA</i></b>
02:50 PM - 04:20 PM:	<b><i>Hands on: Published manuscript do file overview</i></b>
04:30 PM - 05:00 PM:	<b><i>Hands on: How to buy, install, and merge NIS</i></b>
05:00 PM - 05:30 PM:	Closing comments, feedback, evaluation (required to earn CME credits)