

StataNow 19 Workshop Overview

Instructor: Vincent O'Sullivan

Duration: 1 Hour

Platform: Stata 19

Title: *StataNow 19 Workshop*

Workshop Summary

The **StataNow 19 Workshop** is a focused, hands-on session designed to introduce researchers, data analysts, and policy professionals to powerful new features in **Stata 19**. Led by expert instructor **Vincent O'Sullivan**, this one-hour workshop covers enhancements in **data visualisation**, **table creation**, and **treatment effect estimation**, enabling participants to produce clearer, more reproducible, and more insightful results.

Whether you're a seasoned Stata user or new to recent updates, this workshop will give you practical skills and techniques to elevate your analytical work.

Agenda & Topics Covered

Graphing Enhancements

- **New Heatmap Command:**
Learn how to display a matrix of values using the updated heatmap command, which uses a grid of colored rectangles to represent z-values across combinations of x and y axes.
Use case: Visualising correlations, cross-tabulations, or geographic intensity.
- **Confidence Intervals for Bar Charts:**
See how to easily add confidence intervals to bar charts to improve the interpretability and rigor of your visual data presentations.

Tables: Streamlined, Reproducible Output

- **Improved table Command:**
Build customisable and publication-ready tables with new support for **titles**, **notes**, and layout refinements.
- **Enhanced collect Command:**
Export tables more flexibly to documents (Word, PDF, LaTeX) with the improved collect framework, supporting reproducible research practices.

Estimation of Treatment Effects

- **New cate Command:**
Estimate **Conditional Average Treatment Effects** (CATEs) to explore how treatment effects vary across different groups or covariates.
- **Advanced Statistical Techniques:**
Apply the latest methodologies to uncover nuanced insights about **heterogeneous treatment effects**, vital for policy evaluation and program assessment.