Interactive Tools for Teaching and Learning

A variety of tools for teaching statistical concepts are available within JMP. These tools allow you to explore fundamental concepts covered in introductory statistics courses, including sampling distributions, confidence intervals, hypothesis testing, ANOVA, regression, and more.

Interactive Teaching Modules

JMP provides built-in interactive modules for teaching core statistical concepts: sampling distributions, confidence intervals, hypothesis testing for means and proportions, plus probability distributions, regression, and t-Test and ANOVA.

1. You can run these modules directly from JMP Student Edition: Help > Teaching Demos.
2. If you are using JMP 13 or JMP Pro 13: Help > Sample Data > Teaching Resources > Teaching scripts > Interactive Teaching Modules.
3. Click the Help button in any teaching module to learn more.
4. These modules can also be downloaded and installed as a JMP menu item as a free add-in from jmp.com/tools.

Calculators

JMP provides calculators for confidence intervals, hypothesis tests, and sample size for means and proportions, using either summary statistics or raw data. These are ideal for exploring how the width of confidence intervals change, how test results change, or how the calculated sample size changes as different input values are used.

1. In JMP SE: Help > Calculators.
2. In JMP: Help > Sample Data > Teaching Resources > Calculators.
3. These calculators, along with additional calculators (for differences in two means, two proportions, and two variances), are available in an add-in bundle at jmp.com/tools.

Notes: Additional information on these and other tools for exploring statistical concepts can be found at jmp.com/tools or in our user community at community.jmp.com. Data sets and additional teaching scripts, including a variety of teaching demonstrations and simulators, are available in the JMP Sample Data Directory under Help > Sample Data.