
JMP Genomics User Guide

The *JMP Genomics User Guide* is divided among the eleven different volumes listed below. Click on the titles of these volumes to access the information you need.

[Getting Started with JMP Genomics](#)

This manual lists installation instructions and requirements, provides a brief introduction to JMP Genomics and this documentation. This manual also provides a trouble shooting guide, various appendices, a comprehensive glossary, and a complete reference list for all of the manuals.

[Importing Data](#)

This manual provides detailed descriptions of the different types of data sets used by JMP Genomics. It describes how to use JMP's DOE functions to design your experiment and generate an experimental design file, which is the first step in your analysis, and how to import data from different sources.

Describes APs accessed under JMP's menu and the **Genomics > Import** menus

[JMP Genomics Workflows](#)

This manual provides detailed descriptions and instructions for setting up and using the basic JMP Genomics workflows.

Describes APs accessed under the **Genomics > Workflows** menu.

[Genetic Analysis](#)

This manual provides detailed descriptions for manipulating genetic data sets, determining specific marker statistics, carrying out various association tests, assessing linkage, mapping quantitative trait loci, and performing haplotype analyses.

Describes APs accessed under the **Genomics > Genetics** menu.

Copy Number Analysis

This manual provides detailed descriptions for performing copy number analyses.

Describes APs accessed under the **Genomics > Copy Number** menu.

Spectral Preprocessing and Analysis

This manual describes the JMP Genomics processes that are useful for analyzing two dimensional and three-dimensional spectra.

Describes APs accessed under the **Genomics > Spectral Preprocessing** menu.

Expression Analysis

This manual lists and describes a multitude of procedures for performing quality control on your data, normalizing them, fitting statistical models to the observations and comparing the aggregated results.

Describes APs accessed under the **Genomics > Expression** menu.

Pattern Discovery and Predictive Modeling

This manual provides detailed instructions on how you can look for patterns in your data. It goes on to detail a number of different predictive models as well as procedures for comparing the relative efficacy of the different models with your data.

Describes APs accessed under the **Genomics > Pattern Discovery** and **Genomics > Predictive Modeling** menus.

Further Analysis

Once you have identified one or more significant genes, you must determine the biological significance of those genes. This manual provides tells you how to use JMP Genomics tools to incorporate biological meaning with your statistical results.

Describes APs accessed under the **Genomics > P-Value Operations**, **Genomics > Genome Views**, and **Genomics > Annotation Analysis** menus.

JMP Genomics Utilities

This manual provides detailed instructions on how data sets can be manipulated and transformed into formats appropriate for specific analyses. It goes on to detail a variety of useful utilities.

Describes APs accessed under the **Genomics > Data Set Utilities** and **Genomics > General Utilities** menus.

Programming Guide

This manual provides an introduction to building and programming your own analytical processes. Processes you create can be added to the JMP Genomics menu.

