JMP 14 ROAD SHOW

SELECTED TOPICS

MAJUG WEBEX JUNE 12, 2018

Tom Donnelly, PhD, CAP
Sr. Systems Engineer & Co-Insurrectionist
JMP Federal Government Team
tom.donnelly@jmp.com
302-489-9291

Agenda

- JMP Learning Resources with Links
- My favorite new capabilities in JMP 14
 - Find Duplicates
 - Distribution hover info gives number *selected* as well as number in bin
 - Graph Builder: Packed Bars Jitter Custom Error Bars Map Shape Clipping
 - Images as Markers (Columns as Markers)
 - Animated GIF files
 - Import Multiple Files e.g. text or images
 - "Create Web Report" is now "Publish" & Moved from "View" to "File" menu
 - JMP PRO Automated Data Imputation
 - JMP PRO GenReg Multinomial Response
 - Review "What's New in JMP 14 Journal?" pairs with 17 short recordings
 - New Project (replaces old Project)
 - Functional Data Explorer New Platform in JMP Pro



JMP® LEARNING RESOURCES

UPDATED WITH NEW LINKS TO JMP 14 CONTENT

Tom Donnelly, PhD, CAP
Sr. Systems Engineer & Co-Insurrectionist
JMP Federal Government Team
tom.donnelly@jmp.com
302-489-9291

www.jmp.com



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Try JMP



Getting Started with JMP

This live webcast on Fridays shows you the basics of JMP in one hour. For new users or anyone who needs a refresher.



> JMP Training from SAS

We offer courses at all levels to help build your knowledge and skill set.



> Mastering JMP

A webcast series for JMP users of all experience levels who want to build their analytic skills.



- > Books and JMP
- Case Study Library
- > JMP Blog

- > Learning Library
- > On-Demand Webcasts

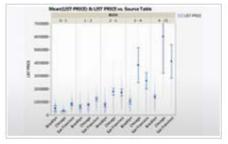


New User Welcome Kit

You just got JMP. Now get ready to explore your data by following our learning road map.

www.jmp.com/mastering





> Basic Analysis and Plotting

See, in this case study about housing prices in three cities, how to visualize data to make analyses accessible to statisticians and non-statisticians.

Presented by: Julian Parris



> Basic Design of Experiments

Using a model-oriented approach, JMP generates solutions to address virtually any DOE challenge.

Presented by: Tom Donnelly

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17 videos, 2-to-13 minutes in length – Pick your own order to view What's New!



New in JMP 14 and JMP Pro 14

JMP 14 and JMP Pro 14 include enhancements and new statistical and analytic capabilities that help you visualize, examine and model data about your products, processes and customers.

Presented by: Brady Brady

Under Basic Tab

https://www.jmp.com/en_us/events/ondemand/mastering-imp/new-in-imp-14-and-imp-pro14.html

52-minute video showing in depth how to use the new Project in JMP 14



Organizing Your Work Using JMP Projects

JMP 14 Projects help you organize large numbers of analyses and reports. See how to construct a workspace that avoids overlapping or concealing JMP windows that you can minimize and maximize. Save reports and window layouts with the Project to display intact when the Project is reopened.

Under Advanced Tab

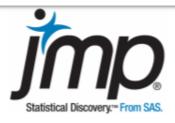
https://www.jmp.com/en_us/events/ondemand/mastering-jmp/organizing-work-using-projects.html

John Sall's Discovery Summit Europe 2018 Plenary Presentation Introducing JMP 14



https://community.jmp.com/t5/Discovery-Summit-Europe-2018/Plenary-Session-John-Sall-Projections-and-Encapsulations/ta-p/53175

Help > New Features



Version 14

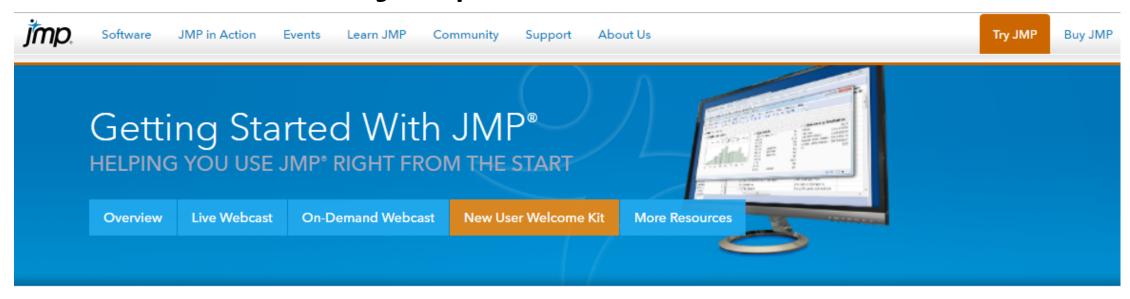
New Features in JMP 14

"The real voyage of discovery consists not in seeking new landscapes, but in having new eyes."

Marcol Propert

JMP, A Business Unit of SAS SAS Campus Drive Cary, NC 27513

www.jmp.com/welcome



JMP[®] New User Welcome Kit

Your Complimentary Introduction to JMP



The New User Welcome Kit is designed to help you quickly get comfortable with the basics of JMP. You'll complete its thirty short demo videos and activities, build your confidence in using the software, and connect with the largest online community of JMP users in the world.

Other supported languages:

> German

Register Now	
FIRST NAME *	
LAST NAME *	

www.jmp.com/academic

Resources for Learning and Using JMP®



Getting Started Videos

Designed for new users, learn how to navigate and use JMP.



Live Academic Webinars

Live webinars on a variety of topics, by academics for academics.



Academic Webinar Library

Recordings of academic webinars, with journals and datasets.



Learning Library

One-page guides, short how-to videos and tutorials



Case Study Library

Real world examples with exercises for teaching and learning.



Course Material Library

Course collections, eLearning courses for schools with site licenses, and JMP teaching materials from SAS Education



Books with JMP

Textbooks, other books with JMP, and textbook add-ins with datasets.



Interactive Learning Tools

Interactive tools for exploring statistical concepts.



AP Statistics Resources

Resources for AP Statistics and secondary schools.



Student Assessment

Interactive JMP questions to improve student engagement using WebAssign's online assessment questions.



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JMP® Learning Library

Tools to get you started learning JMP.

Basic instructions on how to get the most out of JMP, including quick overviews, videos, and step-by-step tutorials*.

Choose a category below to get started.

- > Using JMP
- > Graphical Displays and Summaries
- > Probabilities and Distributions
- Basic Inference Proportions and Means
- Correlation and Regression

> Time Series

Community

- Multivariate Methods.
- Mixed Models and Repeated Measures
- > Data Mining and Predictive Modeling
- Quality and Process

- > Reliability and Survivability
- Designed Experiments
- Using SAS from JMP

Download all the One-Page Guides combined into one PDF.

www.jmp.com/books

Books and JMP

New Users

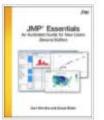
Intermediate and Advanced Users



> JMP Documentation

by SAS Institute

2016 (SAS Institute)

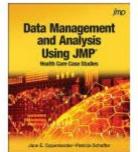


> JMP Essentials: An Illustrated Step-by-Step Guide for New Users, Second Edition

by Curt Hinrichs, Chuck Boiler

2014 (SAS Institute)

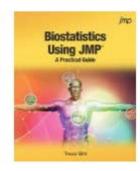
Featured Books



Data Management and Analysis Using JMP®: Health Care Case Studies

by Jane E. Oppenlander and Patricia Schaffer

2017 (SAS Institute)

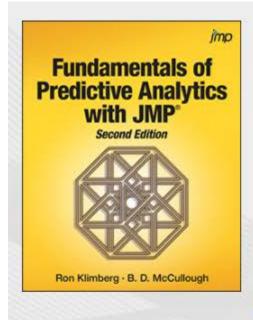


> Biostatistics Using JMP®: A Practical Guide

by Trevor Bihl

2017 (SAS Institute)

www.jmp.com/books



Fundamentals of Predictive Analytics with

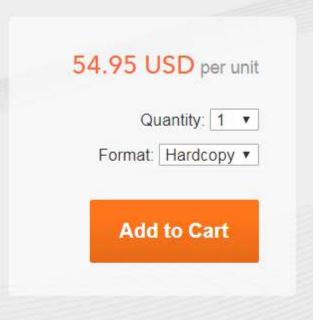
JMP®, Second Edition

Ron Klimberg B. D. McCullough

In Stock

Publisher: SAS Institute

Copyright Date: December 2016

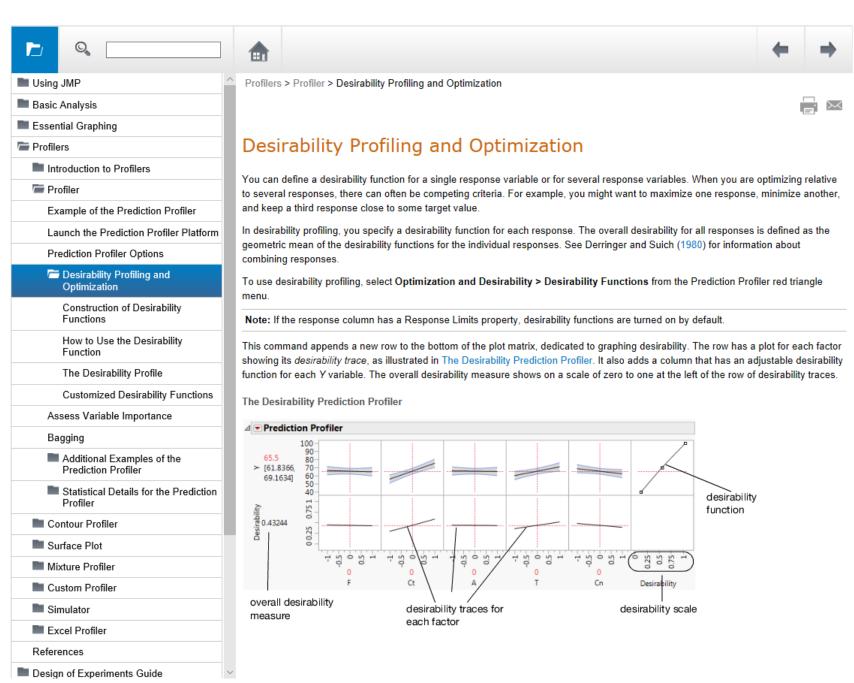


Help > JMP Help

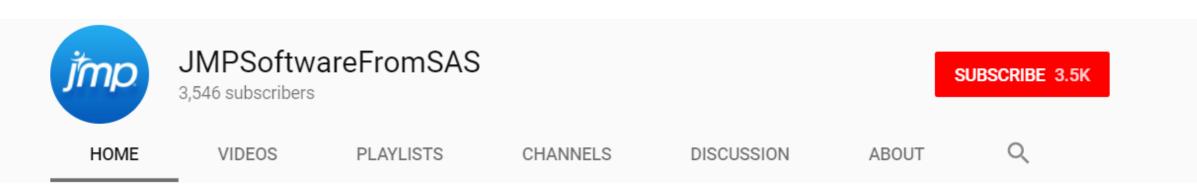
? Tool

F1





www.youtube.com/user/JMPSoftwareFromSAS





JMP in 60 Seconds

15,158 views • 1 year ago

What's JMP? It's statistical discovery software from SAS. JMP is the tool of choice for scientists, engineers and other data explorers in almost every industry and government sector.

Download a free trial of JMP statistical software:

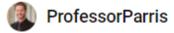
http://bit.ly/2mEkJw3

JMP combines powerful statistics with dynamic graphics, in READ MORE

FEATURED CHANNELS











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- > Training Discount Offers
- > JMP Workforce Transformation







Instructors with DoD Experience



Jim Wisnowski

Jim is Principal at Adsurgo LLC and has a PhD in industrial engineering from Arizona State University with an emphasis in applied statistics. He was an award-winning professor and statistics chair at the US Air Force Academy. Jim retired from the Air Force, where he held various analytical and leadership positions throughout the Department of Defense in training, testing and evaluation, human resources, logistics, systems engineering and acquisition.

One of Jim's students said: "Jim is top-notch instructor with vast knowledge of the subject matter. As well, his experience with DoD and military methodology, tools and policy proved especially helpful in his interaction with the class. For future training, I intend to request Jim."



Heath Rushing

Heath is an American Society of Quality (ASQ) Certified Quality Engineer and the co-founder and principal consultant of Adsurgo LLC, a company specializing in advanced analytics consulting services and training for enhanced business performance. He has been a professor at the US Air Force Academy as well as a quality engineer and Six Sigma Black Belt in both biopharmaceutical manufacturing and R&D. Heath holds a master's degree in operations research from the Air Force Institute of Technology and has used JMP since 2001.

One of Heath's students said: "Heath was very professional and knowledgeable on both statistical analysis and the use of JMP software. He kept us on target and interjected a good amount of fun into the course when needed."

www.jmp.com/support

Support

Get the Answers You Need

JMP technical support is provided by statisticians and engineers educated in SAS and JMP, many of whom have graduate degrees in statistics or other technical disciplines. At SAS, technical support is a career, not just a job.



support@jmp.com

919.677.8008

community.jmp.com

Explore our community. Here are some destinations to get you started.

Join a Discussion

Solve problems, and share tips and tricks with other JMP users.

Browse the File Exchange

Download and share JMP add-ins, scripts and sample data

Find a regional JMP Users Group

Meet up with other JMP users near you.

Mastering JMP

View resources and discuss topics covered after attending Mastering JMP webcasts.

Read JMP Blogs

Read about a broad range of data analysis topics or choose just posts that inform your JMP use.

www.google.com



Search Google or type URL

JMP (type feature/capability/question here)



JMP Federal Government User Resources Page

NOV 11, 2014 12:16 PM (9891 views)

JMP and JMP PRO 13 Receive US Army Certificate of Networthiness (CoN) - 10 October 2017

Product Name: SAS JMP Pro 13.X and SAS JMP 13.x

CONID: 000034751

CaseID: CERT-201722055

Expires: 10OCT2020

Product Facts:

*This is an upgrade to Certificate 201519172.

*This Certificate of Networthiness includes the SAS JMP 13.x and SAS JMP Pro 13.x editions.

Submitted Date: 31Jan2017

Article Labels

Article Tags

- building better models
- data visualization
- design of experiments
 doe
- experimental design
- fed gov federal
- sovernment smodels
- resources

2017 85th MORSS Tutorial Slides Available for Download

85th Military Operations Research Society Symposium (MORSS)

United States Military Academy, West Point, NY

Click here to download PDF copies of slides.

2018 86th MORSS Tutorial Slides to be Posted in July

Over the course of the 85th MORS Symposium Tom Donnelly presented eight1-hour tutorials:

- 19496 Building Better Models Using Robust Data Mining Methods
- 19716 Exploratory Data Analysis and Root Cause Analysis -

"What can you do when you don't have a designed experiment?"

- 19497 Making Your Design of Experiments (DOE) Fit Real-World Problems
- 19501- Using Definitive Screening Designs to Get More Information from Fewer Trials
- 19498 Efficient Modeling & Simulation Using Design of Experiments Methods
- 19500 Calling All Chemists Efficient Formulation Design
- 19713- How to Compare and Choose Experimental Designs
- 19499 All Graphs are Wrong Some are Useful

Click here to download PDF copies of slides.

Recorded Webcasts

NOTE: These LINKS are NOW ACTIVE.

Building Better Models	Regression	Decision Trees
Overview and Use of	Linear, Stepwise,	Simple Partition,
Honest Assessment	Logistic, Generalized/ Penalized, & All Possible	Bootstrap Forest, & Boosted Tree
Custom DOE	Definitive Screening Designs (DSD)	Power Calculation via MC Simulation
Make the Design Fit the Problem	Creation & Augmentation	Binary Responses & Split-Plot Designs
Special Case Custom	Analyzing DSD DOEs	Data Transformations
DOE	Graphical Methods & Fit	Get Rid of L-o-F,
Augmentation & Design	Definitive Screening	Predictions Make
from a Candidate Set	Platform	Physical Sense
	All Graphs are Wrong -	
Text Exploration	Some are Useful -	Exploratory Data and
Analyze Unstructured	Based on Xan Gregg's	Root Cause Analyses
Free Text	2015 JMP Discovery	Case Studies
	Summit Presentation	

Currently Using JMP 13

Webcasts Using JMP 14
Will be Recorded this Summer

Webcasts Using JMP 12
Still Active

"What's New in JMP® 14?" Video Links:

JMP in 83-seconds – Quick overview of JMP https://www.youtube.com/watch?v=Uryd3d-UgKI

JMP 13 links are also still active on this web page

New in JMP 14 – 17 videos, 2-to-13 minutes in length – Pick your own order to view What's New! https://www.jmp.com/en_us/events/ondemand/mastering-jmp/new-in-jmp-14-and-jmp-pro14.html

JMP founder John Sall's 1-hour intro of version 14 at JMP Discovery Summit Europe. https://community.jmp.com/t5/Discovery-Summit-Europe-2018/Plenary-Session-John-Sall-Projections-and-Encapsulations/ta-p/53175

"What's New in JMP® 14?" Web Links:

New features in JMP 14 and JMP Pro 14 https://www.jmp.com/en_us/software/new-release/new-in-jmp-and-jmp-pro.html

What is JMP? – Product Overview https://www.jmp.com/en-us/software/data-analysis-software.html

Links to Downloadable PDF Literature:

Why JMP? – 8-pages – If you download one piece of literature, this is the one you want. https://www.jmp.com/content/dam/jmp/documents/en/software/jmp/jmp14/why-jmp-software.pdf

JMP 14 and JMP Pro 14 Fact Sheet:

https://www.imp.com/content/dam/imp/documents/en/software/imp/imp14/new-features-in-imp-14.pdf

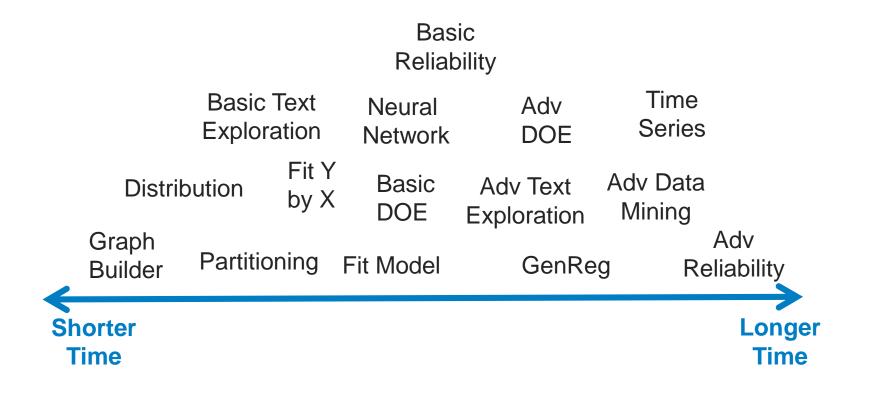
www.jmp.com/fedgov

Short Demo Recordings on these JMP Capabilities (AVG < 5 minutes)

- 1. Exploratory Data Analysis with Graph Builder root cause analysis
- 2. Query Builder and Graph Builder filter a database and then explore the data
- 3. Optimization of Multiple Responses Trade-Space Analysis
- 4. Saving Analyses to PowerPoint save optimization analyses to PPT
- 5. Decision Support Dashboard of C-5 Analysis
- 6. Putting Data on Maps global, national, street level
- 7. Adding Images to Data Table and Graphs
- 8. Covering Array for finding faults in software or communication systems
- 9. Remotely Run "R" Using Multidimensional Scaling Add-in

Currently JMP 12

HOW LONG DOES IT TAKE TO LEARN JMP? DEPENDS... ON YOUR LEVEL OF STATISTICAL KNOW HOW



TOPICS

- JMP Learning Resources links, videos, books
- All Graphs are Wrong Some are Useful
- Images in data tables, images as markers (14) LMI, BEP
- Import from Excel, Database, Internet
- Data Cleanup outliers, recoding, missing
- FAA Data Story Flash in PPT, Publish Webpage (14)
- Data on Maps Animate over time Save as GIF (14)
- EDA Tablet Data Distribution, Linking, Model, DOE, Test Prediction
- Text NTSB Data Story
- Remotely Run SAS, Matlab, R, Python (14) Formula Depot
- Functional Data Explorer (14) model streams of data



