

Online product ratings and reviews UNLEASHED by JMP® Pro 13 with the brand new Text Explorer platform

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JMP® Pro 13
Text Explorer

Advanced Analysis







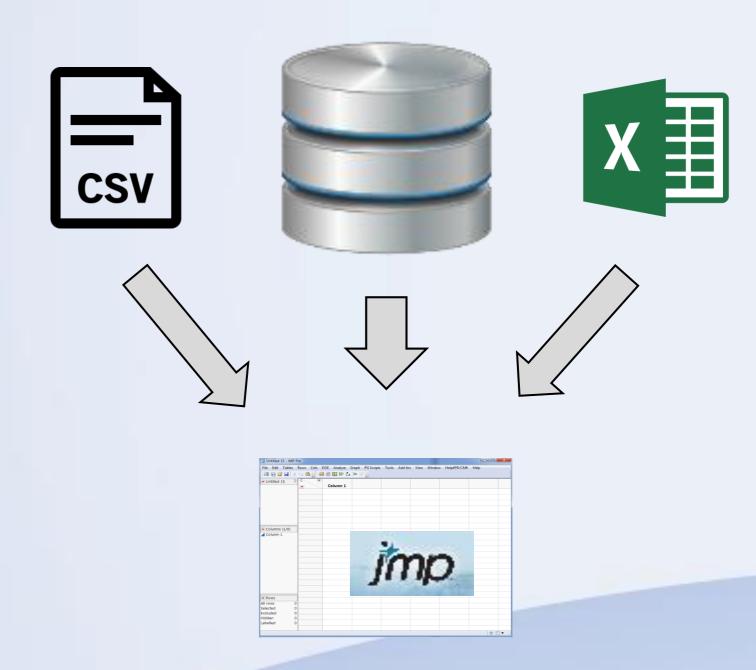
Product Ratings and Reviews – Getting, cleaning and preparing the data

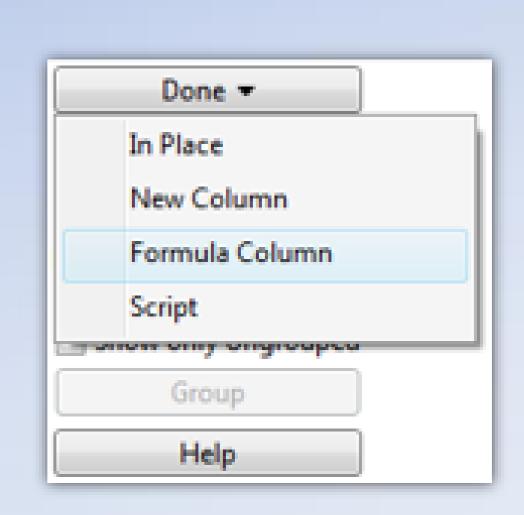
E-commerce data, including product ratings and reviews from consumers come from different sources in diverse formats. JMP helps aggregate all this data.

- Excel addin + .csv import wizard.
- Query builder for SQL databases.



- Use of filters in query builder.
- Recode! New functionality, recode into formula, recode to script is key to minimize rework when new data comes in.
- Formulas to identify duplicates. 60% of reviews are duplicated my online retailers.









Product Ratings and Reviews – Text data analysis and visualization

Text Explorer makes it extremely easy for anyone to take the first steps in text analysis.

- Terms and Phrases at a glance + "Show text" for a first glance at the data.
- Key preparation steps for text analysis:
 - Adding phrases and stop words (i.e. "dishwashing detergent" or "This review was collected as part of a promotion") using the "Term and Phrases Options" form the red spot:

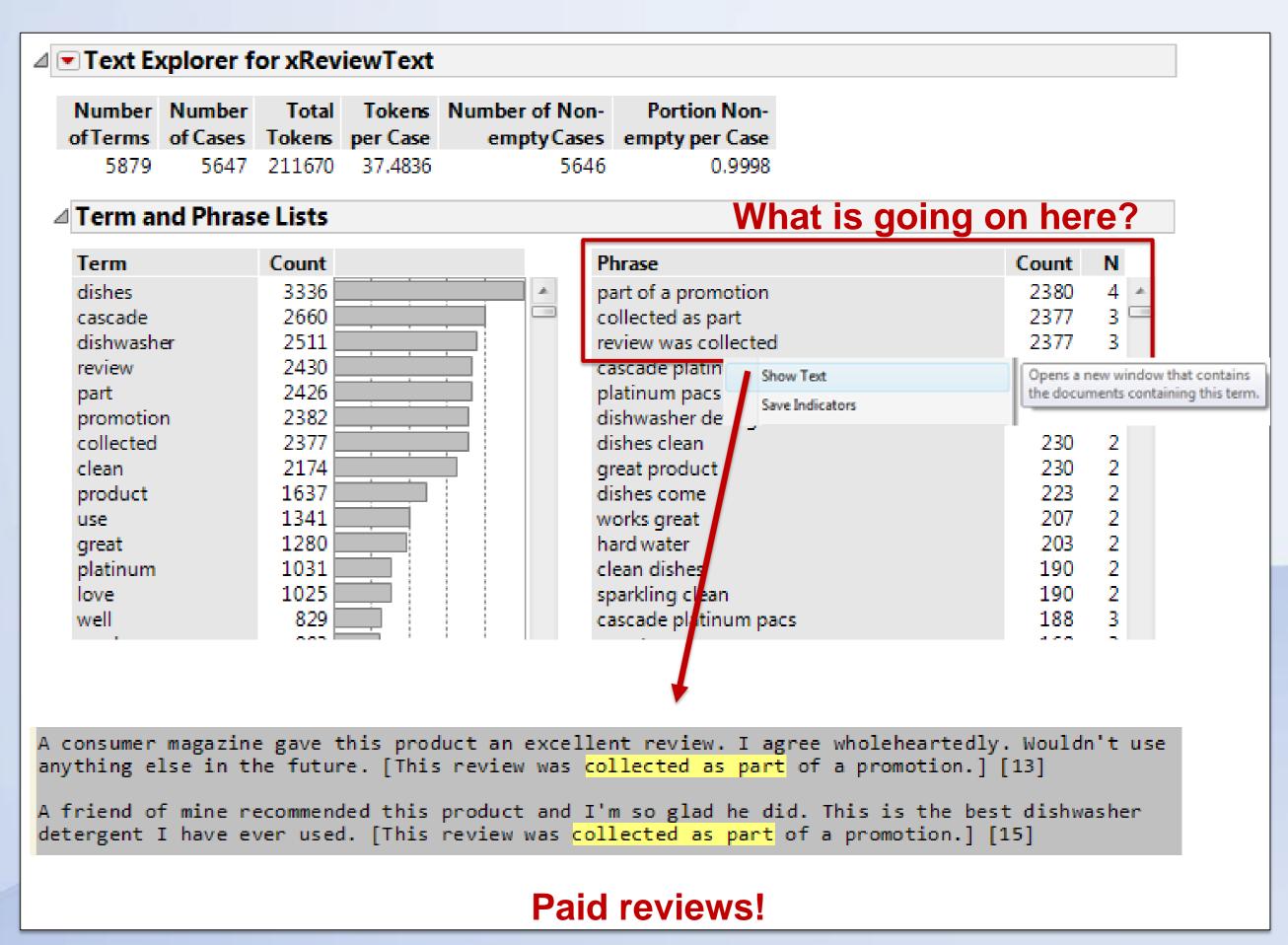
Select Rows	Show Text	Alphabetical Order	Select Rows	Show Text	Save Indicators
Select Contains	Save Indicators	Save Formula	Alphabetical Order	Add Phrase	Сору
Add Stop Word	Add Stem Exception	Recode	Select Contains	Select Contained	Find
Stemming	Color	<u>Label</u>			
Copy	Find				

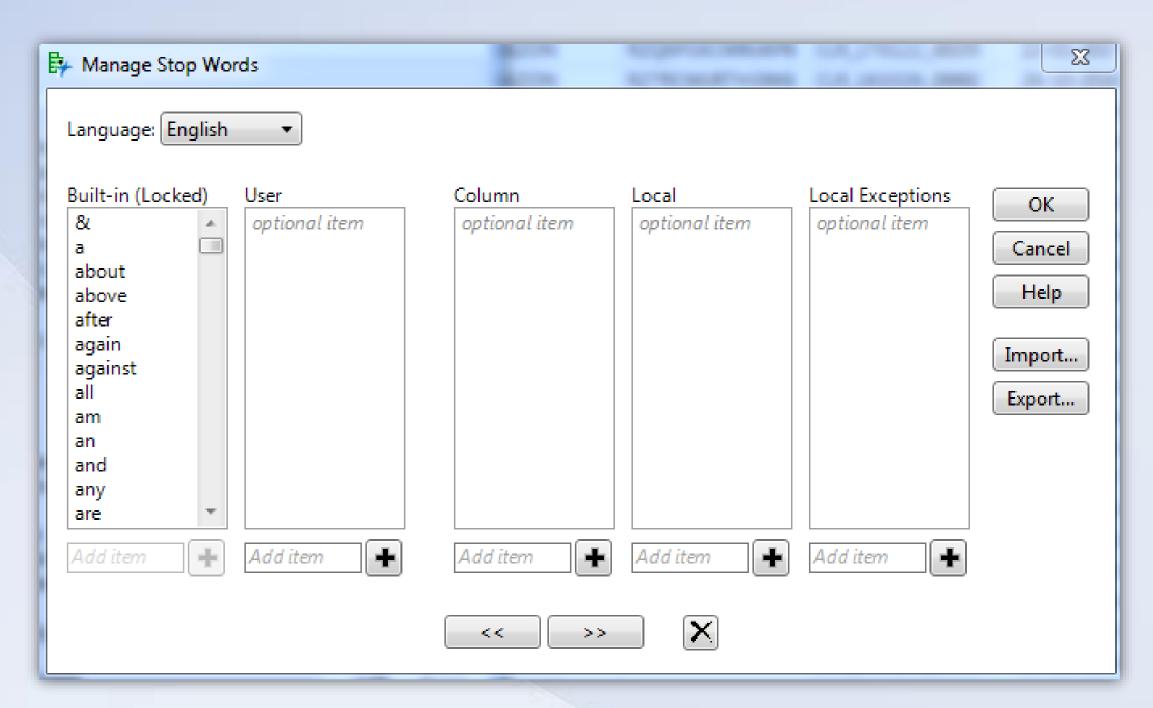
- Recoding any misspellings via automatic or manual grouping of terms.
- Stemming your terms to reduce the number of terms and phrases with the same meaning.
- Manage your term an phrases settings to save for future analysis of similar data!

Wordclouds, the good old favorite is now available in JMP, no addins required!

- Red spot → Display → Wordcloud
- Layout and coloring can be changed, color by row for added meaning!
- They are interactive! Click on each word to:
 - Change the color
 - Show the text associated to the term
 - Label the rows in graphs and analysis





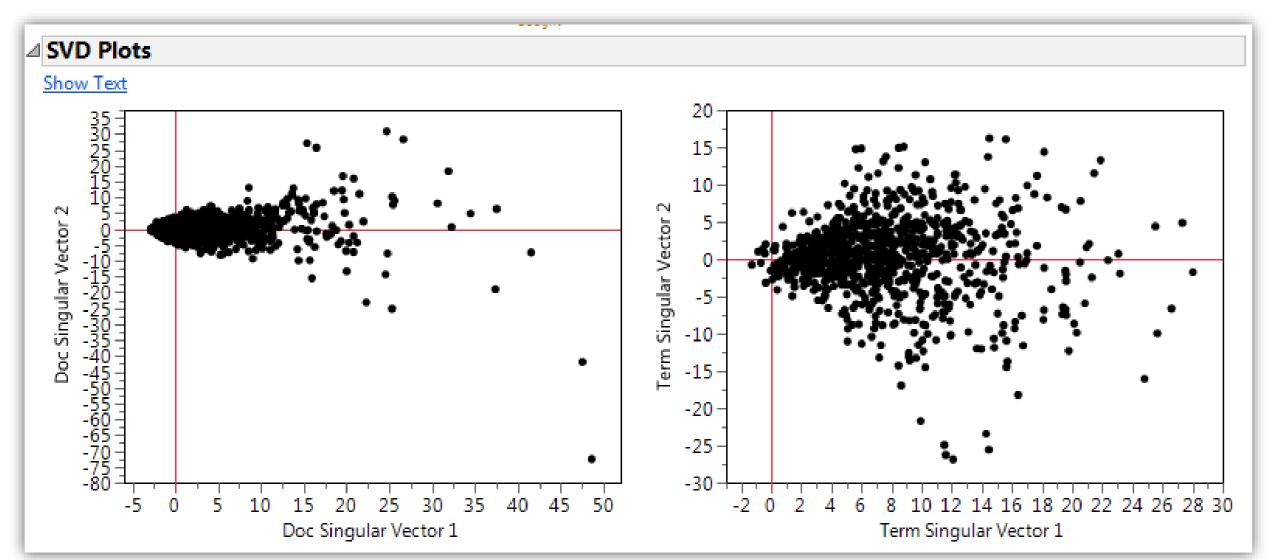


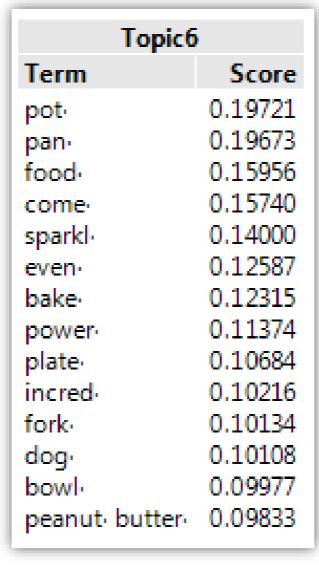




Product Ratings and Reviews – Further analysis

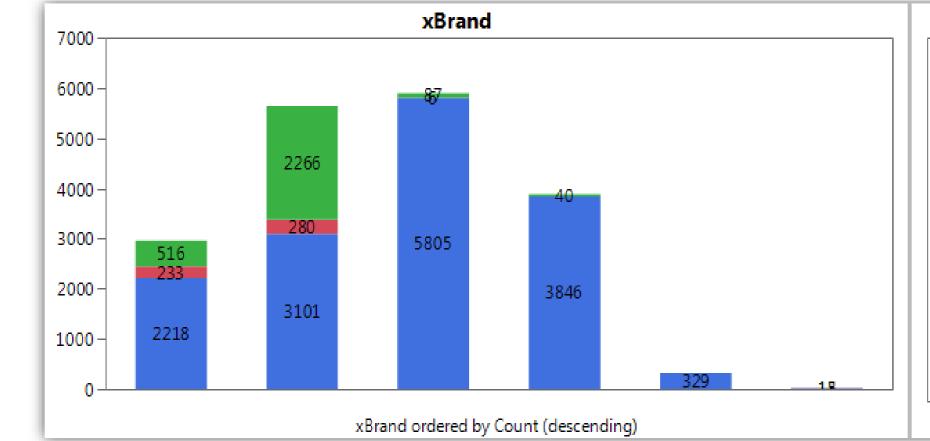
- What product benefits are consumers talking about on their online reviews?
 - Topic Analysis, Rotated SVD is available in Text Explorer
 - We can see what topics (groupings of terms) occur in our documents, how important these topics are within the
 dataset and what text documents are associated with a given topic.

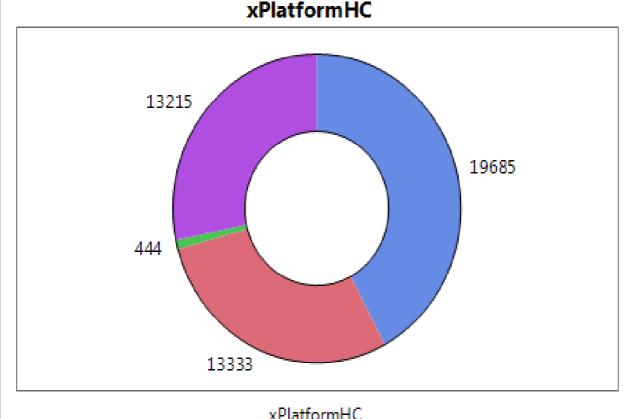


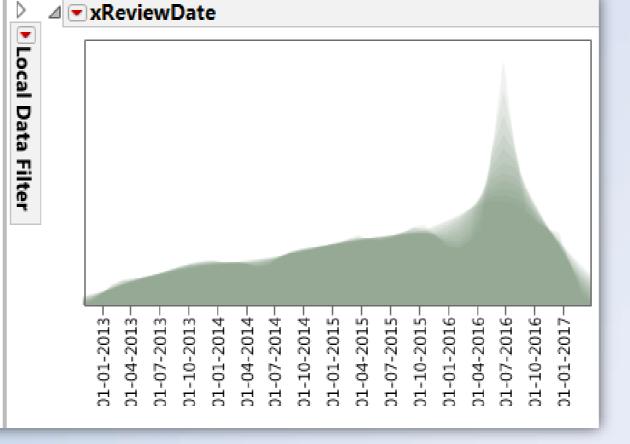


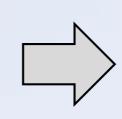
Thank you for giving me the opportunity to review Cascade Platinum. I have a household of boys (including husband) whom do not think it is necessary to wipe dishes before putting them into the dishwasher. Now that I have used the Cascade Platinum, I do not give the food on the dishes a second thought. The dishes come out clean; the first time. Being from WI, we consume a lot of cheese. Parmesan cheese tends to stick to utensils. Well, I don't worry about that anymore. Everything from the forks to the plates come out clean. Speaking as an experienced Mom and dishwasher; I'm glad our family discovered Cascade Platinum. [4091]

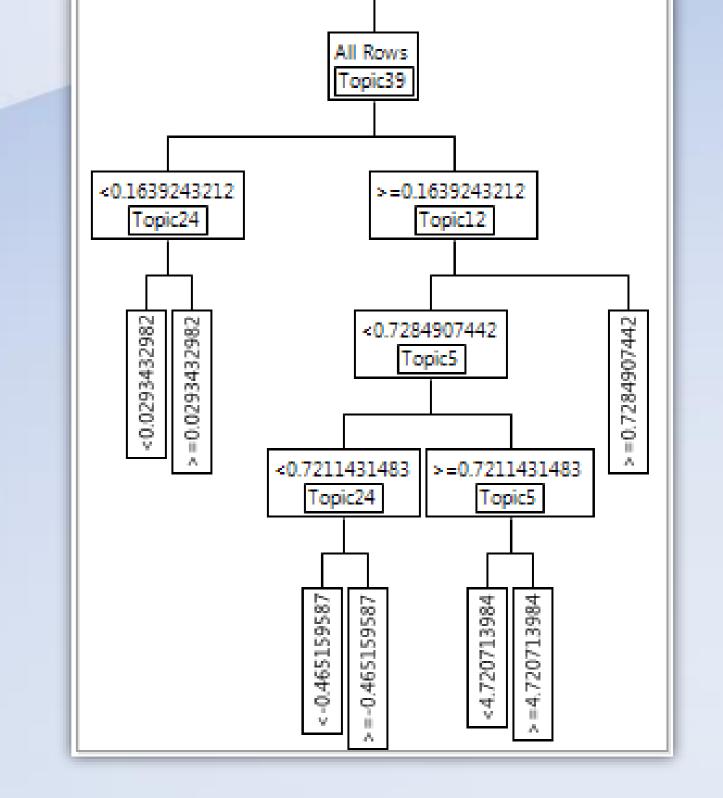
- What topics in the reviews drive the overall online product rating up or down?
 - Topic Analysis let us save the SVD scores to the data table for each of the topics.
 - We can use these scores to build a descriptive model, and try to explain the rating scores.
- What product performance measures drive consumer acceptance?
 - Using Query builder or virtual join, we can further expand our analysis to other R&D data such performance, formulation or product stability.
- Creating dashboards and publishing to HTML5 is now easier than ever with JMP 13.
 Just share a link with your audience, even if they do not have JMP installed.





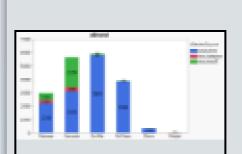








Click any of the thumbnails below to launch interactive JMP reports.



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IMP General Home Care

HomeCare - R&R Descriptive Stats Dashboard



