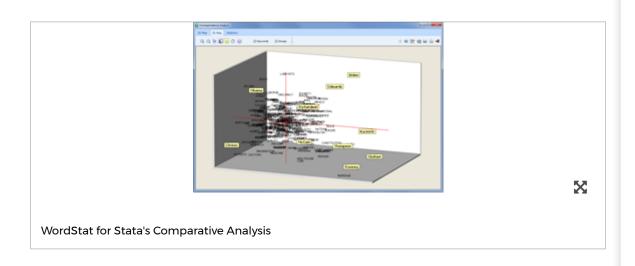# Provalis Research Unveils WordStat for Stata to Offer Numerical and Text Analysis Combined

USA - English ▾

WordStat for Stata's Comparative Analysis

Montréal, Québec (PRWEB) April 13, 2015 -- Provalis Research announced today the integration of **WordStat**, the leading text analysis software, with **Stata**, the popular data analysis and statistical software. This new collaboration couples the cutting-edge numerical analysis of Stata with the unique text analytics functionality of Provalis Research. The combined technologies will enable business analysts and researchers to perform thorough statistical analysis and process unstructured data in a much faster and more accurate manner.

WordStat for Stata is an amazing tool for Stata users who do mixed methods research. WordStat's extensive collection of text-mining features and user-friendly interface are an ideal complement to Stata's powerful analytical capabilities.

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The business and academic communities have long needed statistical tools which enable both analysis of structured and unstructured data, but the combination has so far been uncommon. Many disciplines performing mixed methods research, such as economics, sociology, psychology and political science, have been facing the same challenge. There is a need to analyze text data to identify topics while simultaneously determining similarities and relations to other data components. Some typical text mining tasks include text categorization, comparative analysis, topic modeling, entity relation analysis, and automatic document classification. In many ways, text mining addresses this challenge by enabling sophisticated indexing that "turns text into numbers", which can then be incorporated into other analyses.

In order to better serve their clients, Provalis Research and Stata have collaborated to build an integrated solution that leverages both Stata's statistical power and WordStat's text analysis tools. With Provalis Research's technology, Stata's clients are now able to import documents from various file formats and automatically extract numerical, categorical or date variables from structured documents for effective text analytics. "It means that someone can import news transcripts, reports, and extract not only the text, but also dates, numbers, etc.," explains Normand Péladeau, Provalis Research's CEO. Once documents are processed, WordStat's exploratory text analysis function provides researchers with powerful analytics to extract themes and automatically identify patterns, including topic modeling which allows users to get a quick overview of the most salient topics from large text collections.

"WordStat for Stata is an amazing tool for Stata users who do mixed methods research. WordStat's extensive collection of text-mining features and user-friendly interface are an ideal complement to Stata's powerful analytical capabilities. The ability to perform text analysis on Stata datasets makes it easier than ever!" says Chuck Huber, PhD Senior Statistician at StataCorp. The integrated solution even enables Stata's clients to create custom dictionaries composed of words, word patterns, phrases and proximity rules, in addition to developing automatic document classification models. With a capacity of up to 20 million words processed per minute, WordStat for Stata not only allows businesses and academics to handle large amounts of unstructured information in a faster manner, but it also enables them to identify temporal trends, assess relationships with quantitative data more easily, and ultimately make better-informed decisions.

To learn more about the new integration, go to the **WordStat for Stata page** or order it at **Provalis Research's ecommerce store**.

About Provalis Research

Provalis Research is a world-leading developer of text analysis software with ground-breaking qualitative, quantitative and mixed methods programs. Developing text analysis programs for more than 18 years, Provalis Research has a proven record of accomplishment in designing and bringing to market tools that today are essential to researchers and analysis specialists worldwide.

Headquartered in Montreal, Canada, the company was founded in 1989. Provalis Research software products are used by more than 4,000 institutions in all 5 continents in a wide range of applications such as business intelligence, market research, political sciences, media analysis, survey analysis, risk and fraud detection and international crime analysis.

About StataCorp

StataCorp is a leading developer in statistical software, primarily through its flagship product Stata. Used by professional researchers for more than 30 years, Stata provides everything for managing, graphing, and analyzing data. Professional researchers rely on Stata for a fully integrated, powerful, and intuitive set of tools for even the most demanding data management and statistical requirements. Headquartered in College Station, TX., StataCorp distributes Stata software to users worldwide. For more information, visit **http://www.stata.com**.

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