



PharmaSoftware Solutions, Inc.

Offering many useful software for design and analysis in pharmaceutical research and development.

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N-Solution 2008

Sample Size and Power Analysis

N-Solution 2008 is the leading software for sample size calculation and power analysis. N-Solution 2008 software provides covers over 130 statistical tests and procedures for sample size calculation.

More Procedures

- *Bayesian sample size calculation.
- *Dose response studies.
- *Microarray studies.
- *QT/QTc studies.
- *Propensity score analysis in nonrandomized trials.

Summary Report

- * It provides a summary report for sample size calculation based on different data types.
- * The summary report is generated under various study designs and hypotheses testing for equality, superiority, and non-inferiority /equivalence.
- * The summary report is ready for inclusion in the final study protocol.

Easy to use/Spreadsheet

- * N-Solution 2008 performs simply scroll down and expand the tree to find the procedure you want.
- * N-Solution 2008 provides spreadsheet-style tables to specify analysis parameters and expected differences.
- * Show hints function gives an explanation of each procedure and parameter.
- * Quick help walks you through all the steps in the sample size calculations and power analysis.

Developed based on a best-seller

N-Solution 2008 was developed based on the Sample Size Calculations in Clinical Research Third Edition by Chow, S.C., Shao, J., and Wang, H.. This book is a best seller in www.amazon.com.

Statistical Tables/Figures

- * N-Solution 2008 provides power function with respect to sample size N .
- * N-Solution 2008 allows to generate useful tables for sensitivity analysis.
- * N-Solution 2008 evaluate quickly a range of scenarios with the tables.

Further/Sensitivity Analysis

- * N-Solution 2008 performs further/sensitivity analyses with respect to significance level, power, clinically meaningful difference (or non-inferiority margin or equivalence limit), standard deviation, and other parameters as deemed appropriate.
- * N-Solution 2008 allows the users to select appropriate variables for summarization of the results.
- * Summary tables of the further/sensitivity analyses are ready for inclusion in statistical/clinical reports.

Randomization Codes

- * N-Solution 2008 provides an extensive range of validated randomization functions.
- * N-Solution 2008 allows the users to enter names for the groups, and the total sample size for designs with unequal sample sizes, centers/strata, choice of block sizes, and randomization seed to meet your needs in design and analysis of clinical trials.
- * N-Solution 2007 also provides stratified randomization per request.

Easy and fast to find the required sample size !