

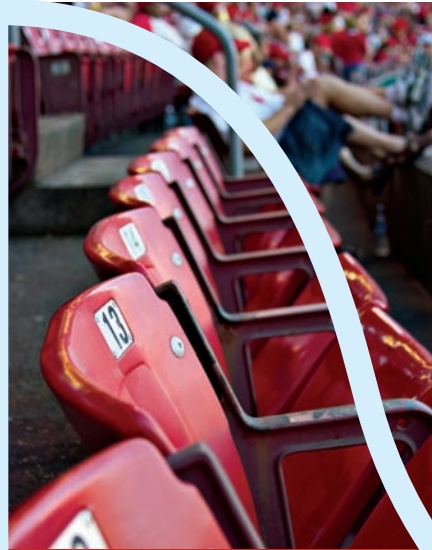
Do More with Complex Data



Need weights?



Want to model?



Missing something?



Data correlated?

SUDAAN[®]

SUDAAN 10 Is Here.

SUDAAN[®] Statistical Software for Weighting, Imputing, and Analyzing Data





Do More with Complex Data

SUDAAN® Statistical Software for Weighting, Imputing, and Analyzing Data

Why use SUDAAN?

Designed and developed at RTI International, SUDAAN 10 is an internationally recognized statistical software package. SUDAAN can be run as a standalone package and offers complementary procedures to standard software such as SAS and SPSS. SUDAAN efficiently analyzes basic, unweighted data and specializes in accurate, analytic solutions that properly account for complex design features of a study, including unequally weighted data, stratification, with- or without-replacement sample designs, multistage and cluster designs, repeated measures, general cluster-correlation, and multiply imputed analysis variables.

Is my data complex?

Most data sources have some sort of complex data structure that should be accounted for during analysis. SUDAAN procedures are ideal for analysis of

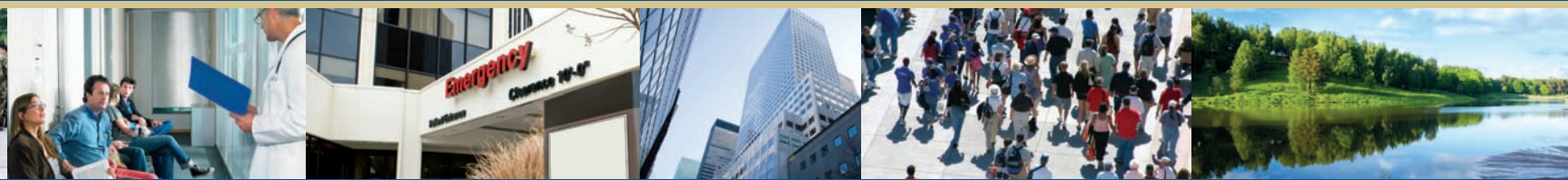
- **Survey data** (SUDAAN will account for unequal weights, stratified samples, and multistage clustering)
- **Repeated measures patient data collected in clinical trials** (SUDAAN will properly account for correlation between data items collected from the same patient)
- **Longitudinal data** (SUDAAN accounts for correlation of data among time periods)
- **Clustered data** (e.g., correlated data collected from pups within a litter, students within a class or school, employees within a business, houses within a neighborhood)

What's new in Release 10?

The latest release of SUDAAN reflects our commitment to responding to user needs, requests, comments, and wish lists. Some of the new features of Release 10 include

- Two new integrated pre-analytic procedures that will generate weight adjustments and perform imputations
- Enhanced memory manager that allows SUDAAN to process very large data sets
- Print output available in ASCII or RTF
- Cross-tabulation procedure enhancements, including new hypothesis tests, a goodness-of-fit test, more test statistics, and a new method for computing confidence intervals for extreme proportions
- Regression procedure enhancements, including estimation of customized odds ratios useful in models containing interaction terms and the ability to estimate model-adjusted risks, risk differences, and risk ratios in logistic and multinomial logistic models

Long known as the best option for analyzing survey data, SUDAAN 10 can accommodate all your statistical analysis needs.



TEST HYPOTHESES IN CROSS-TABULATION TABLES (ANALOGOUS TO REGRESSION PROCEDURES) • PROCESS LARGER DATA SETS • IMPUTE FOR MISSING VALUES • SPECIFY INPUT DATA SETS THAT ARE NOT SORTED •



ESTIMATE MODEL-ADJUSTED RISKS, RISK DIFFERENCES, AND RISK RATIOS • COMPUTE USER-SPECIFIED INCIDENCE DENSITY RATIOS • PRINT OBSERVATIONS FROM THE INPUT DATA SET •



PERFORM THE COX-IANNACCHIONE WEIGHTED SEQUENTIAL HOT DECK METHOD OF IMPUTATION • TEST SINGLE-DEGREE-OF-FREEDOM CONTRASTS AMONG LEVELS OF A CATEGORICAL VARIABLE •



For additional information
about SUDAAN:

www.rti.org/sudaan

SUDAAN Statistical Software Center

RTI International
P.O. Box 12194
Research Triangle Park, NC
27709-2194
USA

Phone: +1(919) 541-6602

Fax: +1(919) 541-7431

E-mail: SUDAAN@rti.org

9:00 AM - 4:00 PM EST



RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. With projects in more than 40 countries and a staff of more than 2,600, RTI offers innovative research and technical solutions to governments and businesses worldwide in the areas of surveys and statistics, democratic governance, health and pharmaceuticals, education and training, advanced technology, economic and social development, energy, and the environment. For more information, visit www.rti.org.

RTI International is a trade name of Research Triangle Institute. SUDAAN® is a registered trademark of Research Triangle Institute.

Do More with Complex Data



SUDAAN®

All brand names and product names used are trademarks, registered trademarks, or trade names of their respective holders. The following terms are trademarks or registered trademarks of other organizations: Microsoft Windows and NT are registered trademarks of Microsoft Corporation. Solaris is a trademark of Sun Microsystems. SAS is a registered trademark of the SAS Institute Inc. SPSS is a registered trademark of SPSS Inc.

SUDAAN protects the environment by printing this package on FSC-certified paper.