



# Statistical Hypothesis Testing with SAS and R

By Dirk Taeger, Sonja Kuhnt

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**Statistical Hypothesis Testing with SAS and R** By Dirk Taeger, Sonja Kuhnt

**A comprehensive guide to statistical hypothesis testing with examples in SAS and R**

When analyzing datasets the following questions often arise:

*Is there a short hand procedure for a statistical test available in SAS or R?*

*If so, how do I use it?*

*If not, how do I program the test myself?*

This book answers these questions and provides an overview of the most common

statistical test problems in a comprehensive way, making it easy to find and perform

an appropriate statistical test.

A general summary of statistical test theory is presented, along with a basic description for each test, including the necessary prerequisites, assumptions, the formal test problem and the test statistic. Examples in both SAS and R are provided,

along with program code to perform the test, resulting output and remarks explaining the necessary program parameters.

Key features:

- Provides examples in both SAS and R for each test presented.
- Looks at the most common statistical tests, displayed in a clear and easy to follow way.
- Supported by a supplementary website <http://www.d-taeger.de> featuring example program code.

Academics, practitioners and SAS and R programmers will find this book a valuable resource. Students using SAS and R will also find it an excellent choice for reference

and data analysis.

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