

# Einblicke in verschiedene aktuelle Forschungsgebiete der Statistik

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## **Statistics in Economics, Business and Social Science.**

1. Finance: A Selective Survey
2. Microeconomic models and anonymized micro data (AStA)
3. Political Methodology: A Welcoming Discipline
4. Statistics in Sociology, 1950-2000
5. Psychometrics
6. Empirical Methods and the Law
7. Demography: Past, Present, and Future

## **Statistics in the Life and Medical Sciences, Physical Sciences and Engineering**

1. Receiver Operating Characteristic Methodology
2. The Randomized Clinical Trial
3. Some Contributions of Statistics to Environmental Epidemiology
4. Challenges in Understanding the Atmosphere
5. Seismology-A Statistical Vignette
6. Statistics in Reliability
7. The State of Statistical Process Control as We Proceed into the 21st Century

## **Theory and Methods**

1. Nonparametric models and their estimation (AStA)
2. The Bootstrap and Modern Statistics
3. Hypothesis Testing: From p Values to Bayes Factors
4. Missing Data: Dial M for ???
5. A Robust Journey in the New Millennium
6. Measurement Error Models