

CONTENTS

Foreword	ix
Preface	xi

DIRECTIONS IN ROBUST STATISTICS AND DIAGNOSTICS: PART II

Small sample properties of robust analyses of linear models based on R -estimates: A survey	1
<i>Joseph W. McKean and Simon J. Sheather</i>	
Regression diagnostics for rank-based methods II	21
<i>Joseph W. McKean, Simon J. Sheather and Thomas P. Hettmansperger</i>	
Robust multivariate spectral analysis of the EEG	33
<i>Luciano Molinari and Guido Dumermuth</i>	
Configural polysampling	49
<i>Stephan Morgenthaler</i>	
Robustness to unequal scale and other departures from the classical linear model.....	65
<i>Nuwan Nanayakkara and Noel Cressie</i>	
Unmasking multivariate outliers and leverage points by means of BMDP3R	115
<i>Neyko M. Neykov and Plamen N. Neytchev</i>	
Glimpse: An assessor of GLM misspecification	129
<i>Carl M. O'Brien</i>	
Regression quantile diagnostics for multiple outliers	145
<i>Stephen Portnoy</i>	
Robust testing of functionals	159
<i>Helmut Rieder</i>	
Robustness of the p -subset algorithm for regression with high breakdown point	185
<i>Peter J. Rousseeuw and Gilbert W. Bassett, Jr.</i>	
Robust distances: Simulations and cutoff values	195
<i>Peter J. Rousseeuw and Bert C. van Zomeren</i>	
Diagnostics for regression-ARMA time series	205
<i>Robert Schall and Timothy T. Dunne</i>	
General approaches to stepwise identification of unusual values in data analysis	223
<i>Jeffrey S. Simonoff</i>	
Research directions in robust statistics	243
<i>Werner A. Stahel</i>	

Comparisons between first order and second order approximations in regression diagnostics.....	279
<i>Chih-Ling Tsai and Xizhi Wu</i>	
Consumer datesware	297
<i>John W. Tukey</i>	
Graphical displays for alternate regression fits	309
<i>John W. Tukey</i>	
Some issues in the robust estimation of multivariate location and scatter	327
<i>David E. Tyler</i>	
Adaptive efficient weighted least squares with dependent observations	337
<i>Halbert White and Maxwell Stinchcombe</i>	
A procedure for robust estimation and inference in linear regression	365
<i>Victor Yohai, Werner A. Stahel, and Ruben H. Zamar</i>	
Author index	375
Subject index	378