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methodology relies on the (often

unjustified) assumption that n

factors exist.

xii Preface to the First Edition. In many texts on multivariate analysis,
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the factor analysis.
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Factor Analysis and Related Methods should prove a useful text for graduate and advanced undergraduate students in economics, the behavioral sciences, and education. Researchers and practitioners in those fields will also find this information provided for this book a handy reference.

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Factor analysis is a
mathematical tool for
examining a wide range of
data sets, with applications
especially important to the
design of experiments (DOE)

Books giving further details are listed at the end. As for principal components analysis, factor analysis is a multivariate method used for data reduction purposes. Again, the basic idea is to represent a set of variables by a smaller number of variables. In this case they are called factors. I Introduction 2

Assumptions 3 The steps in factor analysis

Factor Analysis and Related Methods should prove a useful text for graduate and

advanced undergraduate students in economics, the behavioral sciences, and education. Researchers and practitioners in those fields will also find this book a handy reference.

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