

---

# Contents

---

List of illustrations	vii
<b>1 A general description of factor analysis</b>	<b>1</b>
<b>2 Statistical terms and concepts</b>	<b>14</b>
<b>3 Principal components analysis</b>	<b>28</b>
<b>4 Other methods of factor analysis</b>	<b>42</b>
<b>5 Rotation of factors</b>	<b>56</b>
<b>6 Confirmatory factor analysis and path analysis</b>	<b>80</b>
<b>7 The interpretation and use of factor analysis: examples from personality testing</b>	<b>100</b>
<b>8 Factor analysis in test construction</b>	<b>125</b>
<b>9 Factor analysis in a wider context</b>	<b>140</b>
<b>10 Interpreting confirmatory and path analyses</b>	<b>157</b>
<b>11 Summary and conclusions: the use and abuse of factor analysis in research</b>	<b>173</b>
References	185
Name index	188
Subject index	190
2.1 Intelligence test scores	15
2.2 Standard deviations of intelligence test scores	16
2.3 Examples of $K$ scores	17
2.4 Data for worked example	20