

Reading List

Suggested basic readings on this topic:

- BROWN, T. A. (2006) *Confirmatory factor analysis for applied research*, New York, NY ; London, New York, NY ; London : Guilford Press. (Chapter 2: The common Factor Model and Exploratory Factor Analysis)
- CHIAPPERO-MARTINETTI, E. and J. M. ROCHE (2009) "Operationalization of the capability approach, from theory to practice: a review of techniques and empirical applications" in CHIAPPERO-MARTINETTI, E. (Ed.) *Debating Global Society: Reach and Limits of the Capability Approach*. Milan, Fondazione Feltrinelli.
- HAMILTON, L. C. (2009) *Statistics with Stata : updated for version 10*, Belmont, CA, Brooks/Cole. (Chapter 12: Principal Components, Factor, and Cluster Analysis)
- HEATH, A. and J. MARTIN (1997) 'Chapter 3: Why Are There so Few Formal Measuring Instruments in Social and Political Research?' IN LYBERG, L. (Ed.) *Survey measurement and process quality*. New York ; Chichester, Wiley.
- ROCHE, J. M. (2008) 'Monitoring Inequality among Social Groups: A Methodology Combining Fuzzy Set Theory and Principal Component Analysis'. *Journal of Human Development and Capabilities*, 9 (3), 427 – 452.
- TREIMAN, D. J., D. D. JOHNSTON and T. J. GRITES (2009) *Quantitative data analysis : doing social research to test ideas*, 1st ed., San Francisco, Calif., Jossey-Bass ; Chichester : John Wiley [distributor]. (Chapter 11 Scale Construction)

Further readings:

- BALESTRINO, A. and N. SCICLONE (2000) "Should we use functioning instead of income to measure wellbeing?". *Rivista internazionale di scienze sociali*, 53 (1), 3-22.
- BERENGER, V. and A. VERDIER-CHOUCANE (2007) "Multidimensional Measures of Well-Being: Standard of Living and Quality of Life Across Countries". *World Development*, 35 (7), 1259-1276.
- BROWN, T. A. (2006) *Confirmatory factor analysis for applied research*, New York, NY ; London, New York, NY ; London : Guilford Press.
- COSTELLO, A. and J. OSBORNE (2005) "Best practices in exploratory factor analysis: four recommendations for getting the most from your analysis". *Practical Assessment, Research & Evaluation*, 10 (7)
- DI TOMMASO, M. L. (2007) "Children capabilities: A structural equation model for India". *The Journal of Socio-Economics*, 36, 436-450.
- EVERITT, B. (2001) *Cluster analysis*, London: New York, London: Arnold; New York: Oxford University Press.
- GRIMM, L. G. and P. R. YARNOLD (2000) *Reading and understanding more multivariate statistics*, Washington, DC ; London, American Psychological Association. (Chapter 7 Structural Equation Modeling)
- HARRINGTON, D. (2009) *Confirmatory factor analysis*, Oxford, Oxford University Press.
- KLASEN, S. (2000) "Measuring Poverty and Deprivation in South Africa". *Review of Income and Wealth*, 46, 33-58.
- KLINE, R. B. (2005) *Principles and practice of structural equation modeling*, 2nd ed., New York ; London, Guilford. (Chapter 1-4)
- KRISHNAKUMAR, J. and A. NAGAR (2007) 'On Exact Statistical Properties of Multidimensional Indices Based on Principal Components, Factor Analysis, MIMIC and

- Structural Equation Models'. *Social Indicators Research*, 86 (3), 481-496.
- KRISHNAKUMAR, J. (2007) "Going Beyond Functioning to Capabilities: An Economic Model to Explain and Estimate Capabilities". *Journal of Human Development*, 8 (1), 39-63.
- KUKLYS, W. (2005) *Amartya Sen's Capability Approach: Theoretical Insights and Empirical Applications*, Berlin, Springer.
- LE ROUX, B. and H. ROUANET (2010) *Multiple correspondence analysis*, Los Angeles, Calif. ; London, Los Angeles, Calif. ; London : SAGE.
- LELLI, S. (2001) "Factor Analysis vs. Fuzzy Sets Theory: Assessing the Influence of Different Techniques on Sen's Functioning Approach". Centre of Economic Studies Discussion Paper, KU Leuven,
- MCGILLIVRAY, M. (2005) "Measuring Non-economic Well-being Achievement". *Review of Income and Wealth*, 51 (2), 337-364.
- NEFF, D. F. (2007) "Subjective Well-Being, Poverty and Ethnicity in South Africa: Insights from an Exploratory Analysis". *Social Indicators Research*, 80, 313-341.
- SCHOKKAERT, E. and L. VAN OOTEGEM (1990) "Sen's Concept of the Living Standard Applied to the Belgian Unemployment". *Research Economiques de Louvain*, 56, 429-450.
- VELICER, W. F. and D. N. JACKSON (1990) "Component Analysis Versus Common Factor-Analysis – Some Issues in Selecting an Appropriate Procedure". *Multivariate Behavioral Research*, 25 (1), 1-28.
- WIDAMAN, K. F. (1993) "Common Factor Analysis Versus Principal Component Analysis: Differential Bias in Representing Model Parameters?". *Multivariate Behavioral Research*, 28 (3), 263.

Online Resources:

- Multivariate data analysis in STATA: <http://www.stata.com/capabilities/mv.html>
- Annotated STATA Output FA: http://www.ats.ucla.edu/stat/stata/output/fa_output.htm
- Annotated SPSS Output FA: <http://www.ats.ucla.edu/stat/spss/output/factor1.htm>