

## Chapter 20

### Accommodating Measurement Errors

Joop J. Hox

*Department of Methodology & Statistics, Utrecht University*

#### SUGGESTIONS FOR FURTHER READING

The following suggestions for reading are intended to point the reader towards the issues surrounding measurement errors.

**Designs for estimation of measurement error:**

Groves, R.M. (1989). *Survey errors and survey costs*. New York: Wiley.

Dunn, G. (1989). *Design and analysis of reliability studies*. London: Arnold.

**Introduction to classical reliability theory:**

Nunnally, J.C. and Bernstein, J.H. (1994). *Psychometric theory*. New York: McGraw-Hill.

**Introduction to Item-Response Theory:**

Andrich, D. (1995). *Handbook of modern item response theory*. New York: Springer.

**Introduction to structural equation modeling:**

Kline, R.B. (2005). *Principles and practice of structural equation modeling*. New York/London: The Guildford Press.

#### INTERNET RESOURCES

The website <http://www.rasch.org> discusses measurement issues, focusing generally on the Rasch model, and provides examples of measurement procedures in a variety of fields.