## Books on statistics

The following books can be recommended:

Jim Morrison (2009). *Statistics for Engineers: An Introduction*. Wiley.

Elementary book on statistics, addressing mainly technical applications.

Darrell Huff (1991). *How to Lie with Statistics.* Penguin Books.

A classic. Put it in your pocket and read it in the bus or in the train…

Larry Gonick and Woolcott Smith (1993). *The Cartoon Guide to Statistics.* Harperperennial.

Statistics as a cartoon!

T.L. Sincich, DM Levine, D. Stephan, T. Sincich and M. Berenson (2002, 2nd ed.).

*Practical Statistics by Example - using Microsoft Excel and Minitab.* Prentice Hall.

Plenty of examples in virtually all disciplines.

Both for users of Microsoft and Excel and the widely used statistics software Minitab.

A. Agresti and B. Finlay (1997, 3rd ed.). *Statistical Methods for the Social Sciences.* Prentice Hall.

Detailed book on statistics for the social sciences.

Vic Barnett (2003, 3rd ed.). *Sample Survey Principles & Methods.* Arnold Publishers.

An excellent book on sample surveys.

R. M. Groves (2004). *Survey Errors and Survey Costs.* Wiley.

Thorough book on the practical aspects of sample surveys. Not mathematically advanced.

W. G. Cochran: *Sampling techniques* (1978, 3rd ed.). Wiley.

Still the bible on survey sampling!

D. R. Cox. (1992). *Planning of experiments.* Wiley.

Elementary, yet thorough book on planned experiments. Focus is on applications, not on the theory.   
Not mathematically advanced.

W. G. Cochran and G. M. Cox (1992, 2nd ed.). *Experimental design.* Wiley.

Planning of experiments for practitioners. Tables with specific experimental designs.

G.E.P. Box, W. G. Hunter and J. S. Hunter. (2005, 2nd ed.). *Statistics for experimenters.* Wiley.

Excellent book on statistics with an emphasis on planning of experiments and analyzing the results, but it is useful for most people working with statistics. A legendary book!

Douglas Montgomery (6th ed. 2005). *Introduction to Statistical Quality Control.* Wiley.

Basic statistics with a thorough introduction to statistical quality control.

Douglas Montgomery (6th ed. 2005). *Design and Analysis of Experiments.* Wiley.

Design and statistical analysis of experiments, analysis of variance, regression analysis etc.

Somewhat higher level of mathematics than the other books in this list.