

MULTIVARIATE EVALUATION

Start End

Kim Esbensen**Multivariate Data Analysis in practice, 5ed****Camo, Oslo 2001 ISBN 82-993330-3-2**

1	Introduction to multivariate data analysis-overwiev	1	11
3	Principal Component Analysis	19	72
4	PCA in practice	75	103
6	Multivariate calibration (multivariate regression)	115	130
7	Validation: Mandatory Performance testing	155	170
9	Multivariate data analysis - in practice	181	215
11	PLS Multivariate calibration in practice	241	251
14	Uncertainty estimates, Significance and Stability	327	332
18	Comparison of methods...	489	511

NIR**Handbook of Near-Infrared Analysis, Third Edition****Edited by Emil W . Ciurczak and Donald A . Burns****CRC Press 2007 (eBook ISBN: 978-1-4200-0737-4)**

30	Pharmaceutical Applications of Near-Infrared Spectroscopy	585	605
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EXPERIMENTAL DESIGN

(Alternative sources)

Kim Esbensen**Multivariate Data Analysis -in practice, 5ed****Camo, Oslo 2001**

16-17	Experimental design	361	463
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(or)

Bolton, Sanford & Bon, Charles**Pharmaceutical statistics: practical and clinical applications, 4.ed****New York, 2004**

9	Factorial designs	265	285
16	Optimization techniques and screening designs	506	537

(or)

Nortvedt, R et al (redaksjonsgruppe)**Anvendelse av kjemometri innen forskning og industri****Oslo, 1996**

1.4	Forsøksplanering och optimalisering för experimentalisten	81	106
1.5	Blandingsdesigner	107	119

GENERAL STATISTICS

(Alternative sources)

Bolton, Sanford & Bon, Charles**Pharmaceutical statistics: practical and clinical applications, 4.ed****New York, 2004**

3.4-3.5	Continous data distributions, Other common probability distributions	63	79
7	Linear regression and correlation	173	180
8	Analysis of variance	215	221

(or)

Nortvedt, R et al (redaksjonsgruppe)**Anvendelse av kjemometri innen forskning og industri****Oslo, 1996**

App II	Grunnleggende statistikk	579	593
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