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CURRICULUM VITAE

Gitta H. Lubke

ADDRESS

Work: Department of Psychiatry
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EDUCATION

PhD, Psychometrics, April 2002
Free University Amsterdam, The Netherlands

Master of Arts (with distinction), August 1997
University of Amsterdam, The Netherlands
Specialization: psychometrics and cognitive psychology

Candidate in Medicine (equivalent to BS), 1979
Johann Wolfgang Goethe University, Frankfurt, Germany

FIELDS OF RESEARCH INTEREST

Measurement invariance, factor mixture modeling, latent class analysis, multi-group factor analysis, longitudinal analysis, analysis of categorical data, item response theory, genetic statistics.

WORK EXPERIENCE

Assistant Professor, Department of Psychiatry,
VCU, 2003-ongoing

Research Associate, Graduate School of Education & Information Studies
UCLA, 2001- 2003
Supervisor: Bengt Muthén

Assistant Professor, Department of Statistics for the Social Sciences,
Utrecht University, The Netherlands, 2001

Research Associate, Graduate School of Education & Information Studies
UCLA, 2000-2001
Supervisor: Bengt Muthén

Graduate Student, Psychometrics
Free University Amsterdam, The Netherlands, 1997–2000,
Supervisors: Prof. G.J. Mellenbergh
Prof. H. van der Flier
Dr H. Kelderman

Research Associate
Emory University School of Medicine, 1996 - 1997
Supervisors: Prof. P.S. Sebel
Prof. G.J. Mellenbergh

PUBLICATIONS

Lubke, G.H. & Muthén, B.O. (submitted). Applying multi-group confirmatory factor models for continuous outcomes to Likert scale data complicates meaningful group comparisons.

- Dolan, C.V., Schmittmann, V.D., Lubke, G.H., & Neale, M. C. (submitted). Regime switching in the latent growth curve model.
- Lubke, G.H. & Muthén, B.O. (submitted). Investigating population heterogeneity with factor mixture models.
- Lubke, G.H. & Muthén, B.O. (submitted). Performance of factor mixture models.
- Lubke, G.H., Dolan, C.V. & Kelderman, H., & Mellenbergh, G.J. (2003). The relation between sources of within- and between-group differences and measurement invariance in the context of the common factor model. Intelligence, 173, 1-24.
- Lynn, D.E., Lubke, G.H., Yang, M., McCracken, J.R., Gough, J., & Smalley, S. (submitted). Temperament and character profiles of ADHD and subtypes.
- Lubke, G.H., Dolan, C.V., & Kelderman, H. (2003). Weak measurement invariance with respect to unmeasured variables: An implication of strict factorial invariance. British Journal of Mathematical and Statistical Psychology, 56(2), 231-248.
- Lubke, G.H. & Dolan, C.V. (2003). Can differences in residual variances across groups mask differences in residual means in the common factor model? Structural Equation Modeling, 10, 175-192.
- Kerssens, C., Lubke, G.H., Klein, J., van der Woerd, A., & Bonke, B. (2002). Memory function during propofol/alfentanil anesthesia: Predictive value of individual differences. Anesthesiology 97, 382-389.
- Lubke, G.H. (2002). The common factor model restricted to investigate measurement invariance in a heterogenous population: Some applications and implications. Dissertation, Free University Amsterdam, The Netherlands.
- Lubke, G.H., Dolan, C.V., & Kelderman, H. (2001). Investigating Group Differences using Spearman's Hypothesis: An Evaluation of Jensen's Method. Multivariate Behavioral Research , 36(3), 299-324.
- Dolan, C.V. & Lubke, G.H. (2001). Viewing Spearman's Hypothesis from the perspective of multi-group PCA: A comment on Schönemann's criticism. Intelligence 29(3), 231-245.
- Lynn, D.E., McCracken J.R., McGough J.J., Lubke, G.H., Lui, A., Smalley, S. (2001) Temperament and character profiles of ADHD and subtypes. American Journal of Human Genetics 69(4): 2190, Supp.

Lubke, G.H. , Kerssens, C., Gershon, R.Y., & Sebel, P.S. (2000). Memory Formation during general anesthesia for emergency cesarean sections. Anesthesiology 92, 1029-1037.

Lubke, G.H. & Sebel, P.S. (2000). Awareness and different forms of memory in trauma anesthesia. Current Opinions in Anesthesiology, 13, 161-165.

Lubke, G.H. , Kerssens, C., Phaf, R.H., & Sebel, P.S. (1999). Dependence of Explicit and Implicit Memory on Hypnotic State in Trauma Patients. Anesthesiology 90 (3), 670-680.

SEMINARS

invited speaker at the 12. Berner Anästhesiesymposium / Awareness and depth of anesthesia
September 4, 2002, Inselspital Bern, Switzerland.

TEACHING EXPERIENCE

statistics for freshmen, mathematical statistics, multivariate statistics for the social sciences

RELEVANT SOFTWARE EXPERIENCE

S-Plus, Mathematica, Latex, Lisrel, Mplus, Mx, SAS, SPSS