

## CURRICULUM VITAE

### MAARTEN L. BUIS

#### Personal Data:

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#### Education:

May 2006 CCSS: Meta-analysis  
February-March 2006 Internship UCLA Department of Sociology  
Host: Donald J. Treiman  
October 2005 Teaching in English  
summer 2005 ICPSR summer program:  
Advanced Multivariate Statistical Methods, Mathematical Models:  
Game Theory, Data Mining, Simultaneous Equation Models,  
Longitudinal Analysis, "LISREL" Models: General Structural  
Equations  
summer 2004 ICPSR summer program:  
Maximum Likelihood Estimation for Generalized Linear Models,  
Advanced Topics in Maximum Likelihood Estimation for  
Generalized Linear Models, Bayesian Methods for the Social and  
Behavioral Sciences, Time Series Analysis, Missing Data:  
Statistical Analysis of Data with Incomplete Observations  
November 2003 IOPS: Introduction to numerical techniques for statisticians  
1997-2003 Doctoraal sociale en institutionele economie, Universiteit Utrecht  
(M.A. social and institutional economics). Title thesis:  
"International trade and the level of regulation".  
1995-1997 Propedeuse sociale geografie, [first year exam human geography]  
Universiteit Utrecht  
1989-1995 VWO, [pre-university education] Jac. P. Thijsse College  
Castricum, the Netherlands

## **Appointments**

2009-now	Wissenschaftlicher Mitarbeiter, Institut für Soziologie, Eberhard Karls Universität Tübingen.
2003-2008	Promovendus, Department of Social Research Methodology, Vrije Universiteit Amsterdam.
2002	Research Assistant. [dr. J.B.D. Simonis] Department of Social and Institutional Economics, Utrecht University

## **Publications**

Buis, Maarten L. (forthcoming) "Direct and indirect effects in a logit model." *The Stata Journal*, 10(1).

Buis, Maarten L. and Martin Weiss (2009), "Stata tip 81: A table of graphs", *The Stata Journal*, 9(4), pp. 643-647.

Buis, Maarten L. (2007c), "Stata tip 54: Where did my p-values go?", *The Stata Journal*, 7(4), pp. 584-586.

Buis, Maarten L. (2007b), "Stata tip 48: Discrete uses for uniform()", *The Stata Journal*, 7(3), pp. 434-435.

Buis, Maarten L. (2007a), "Predict and adjust with logistic regression", *The Stata Journal*, 7(2), pp. 221-226.

Buis, Maarten L. (2003), "Internationale handel en eigen regulering" (International Trade and Regulation), *ESB*, 22 Augustus 2003, pp. 388-391

## **Working papers / work in progress**

Buis, Maarten L. "The consequences of unobserved heterogeneity in a sequential logit model." Last revised June 2009.

Buis, Maarten L. "Scaling levels of education." last revised October 1, 2008.

Buis, Maarten L. "Deceleration of the Trend in Inequality of Educational Outcome in the Netherlands." Last revised: October 1, 2008.

Buis, Maarten L. "Are there many inequalities of educational outcome or just one?" last revised September 8, 2008.

Buis, Maarten L. "Trends in educational inequality in the Netherlands: A replication and a critique." last revised July 8, 2008.

Buis, Maarten L. "Not all transitions are equal: The relationship between inequality of educational opportunities and inequality of educational outcomes." last revised February 14, 2008.

Buis, Maarten L. "The impossibility of using highest achieved level of education to estimate the probability of passing a transition unconditional on having passed previous transitions." Last revised: June 3, 2007.

Buis, Maarten L. "An introduction to survival analysis." Last revised: April 2, 2006.

## **Presentations**

"Strategies for dealing with missing data" presented at CIFOR on February 25, 2010 in Bogor, Indonesia.

"Capturing the impact of demographic processes on social stratification in education in Germany" presented at the ECSR conference Changing societies in the context of European Union enlargement on December 12, 2009 in Paris.

"Three models for combining information from causal indicators, The sheafcoef and propcnsreg package" presented at the 15th UK Stata Users' Group meeting on September 10, 2009 in London.

"The consequences of unobserved heterogeneity in a sequential logit model" presented at the Summer Meeting of the RC28 on August 4, 2009 at Yale University.

"Not all transition are equally unequal. A comparison between Italy and the Netherlands" (with Hans Schadee and Gabriele Ballarino) presented at International Research Workshop "Inequality of Educational Opportunity in Italy" on June 19, 2009 in Milan.

"Using and interpreting restricted cubic splines" presented at the 7th German Stata Users' meeting on June 26, 2009 in Bonn.

"Linking process to outcome: Inequality of educational opportunities and inequality of educational outcomes" presented at the University of Milan on May 11, 2009 in Milan.

"Family background and educational attainment: Are there many inequalities of educational outcome or just one?" presented at Summer Meeting of the RC28 on August 7, 2008 at Stanford University.

"Understanding statistics using simulate" presented at the 2008 Summer North American Stata Users Group meeting on July 24, 2008 in Chicago.

"Direct and indirect effects in a logit model." presented at the 6th German Stata Users Group meeting on June 27, 2008 in Berlin.

"Estimating primary and secondary effects on entering college." poster presented at the Spring Meeting of the RC28 on May 16, 2008 in Florence.

"Direct and indirect effects in a logit model." presented at the 1st Polish Stata Users Group meeting on March 29, 2008 in Warsaw

"Linking process to outcome: Inequality of educational opportunities and inequality of educational outcomes." presented at the Juan March Institute on November 23, 2007 in Madrid.

"Usefulness and estimation of proportionality constraints: The propcnsreg package." presented at the 13th UK Stata Users Group Meeting on September 10, 2007 in London.

"Linking process to outcome: The seqlogit package." presented at the 2nd Nordic and Baltic Stata Users Group meeting on September 7, 2007 in Stockholm.

"Linking process to outcome: Inequality of educational opportunities and inequality of educational outcomes" presented at the ECSR and TransEurope conference on globalization, social inequality and the life course on September 1, 2007 in Groningen.

"The influence of mother's and father's education on educational attainment" presented at the Summer Meeting of the RC28 on August 15, 2007 in Montreal.

"Not All Transitions are Equal" presented at the Spring Meeting of the RC28 on May 26, 2007 in Brno.

"Assessing the reasonableness of an imputation model" presented at the 5th German Stata Users Group Meeting on April 2, 2007 in Essen.

"Not All Transitions are Equal" presented at the Spring Meeting of the Methodology Section of the American Sociology Association on March 3, 2007 at Yale University.

"Not all transitions are equal: The effect of differences between men and women in educational expansion on educational inequality in the Netherlands between 1912 and 1988." presented at the University of Warsaw on December 13, 2006.

"Proportions as dependent variable" presented at the 12th UK Stata Users Group Meeting on September 12, 2006 in London.

"Analyzing Inequality of Educational Opportunities using Stacked Surveys with Missing Data " presented at the ECSR conference European Comparative Studies: Quality and Inequality in Education on September 2, 2006 in Prague.

"Nonstandard educational trajectories in the Netherlands" presented at the dag van de Sociologie on June 8, 2006 in Tilburg.

"Deceleration of the Trend in Inequality of Educational Opportunity in the Netherlands" presented at the RC28 conference on May 13, 2006 in Nijmegen.

"Nonlinear Trend in Inequality of Educational Opportunity in the Netherlands 1930-1989" presented at the University of Mannheim on November 15, 2005.

"Trends in Inequality of Educational Opportunity in the Netherlands 1900-1980: The Effect of Missing Data" presented at the RC28 conference on May 6-8, 2005 in Oslo.

## **Software**

Buis, Maarten L. (2009a) "fmlogit: Stata module fitting a fractional multinomial logit model by quasi maximum likelihood" (<http://econpapers.repec.org/software/bocbocode/s456976.htm>)

Buis, Maarten L. (2009b) "proprcspline: Stata module for restricted cubic spline smoothing of proportions" (<http://econpapers.repec.org/software/bocbocode/s457062.htm>)

Buis, Maarten L. (2009c) "sheafcoef: Stata module to compute sheaf coefficients" (<http://econpapers.repec.org/software/bocbocode/s456945.htm>)

Buis, Maarten L. (2008a) "fctest: Stata module comparing two nested models using an F-test" (<http://econpapers.repec.org/software/bocbocode/S456944.htm>)

Buis, Maarten L. (2008b) "postrcspline: Stata module containing post-estimation commands for models using a restricted cubic spline" (<http://econpapers.repec.org/software/bocbocode/S456928.htm>)

Buis, Maarten L. (2008c) "ldecomp: Stata program decomposing the total effects in a logistic regression into direct and indirect effects" (<http://econpapers.repec.org/software/bocbocode/s456906.htm>)

Buis, Maarten L. and Stephen P. Jenkins (2008) "fiskfit: Stata program to fit a Fisk distribution by ML to unit record data" (<http://econpapers.repec.org/software/bocbocode/s456900.htm>)

Buis, Maarten L. (2007a) "hangroot: Stata program creating a hanging rootogram comparing an empirical distribution to the best fitting normal distribution" (<http://econpapers.repec.org/software/bocbocode/s456886.htm>)

Buis, Maarten L. (2007b) "propcnsreg: Stata program fitting by maximum likelihood a linear regression with a proportionality constraint"  
(<http://econpapers.repec.org/software/bocbocode/s456858.htm>).

Buis, Maarten L. (2007c) "seqlogit: Stata module to fit a sequential logit model"  
(<http://econpapers.repec.org/software/bocbocode/s456843.htm>).

Buis, Maarten L. (2007d) "indeplist: Stata program displaying and returning the names of the independent variables of the active estimation command"  
(<http://econpapers.repec.org/software/bocbocode/s456839.htm>).

Buis, Maarten L., Nicholas J. Cox, and Stephen P. Jenkins (2006a) "dirifit: Stata program fitting a dirichlet distribution, optionally dependent on covariates"  
(<http://econpapers.repec.org/software/bocbocode/s456725.htm>).

Buis, Maarten L. (2006b) "pcorrmatrix: Stata program displaying a matrix of partial correlations that are controlled for a fixed set of covariates"  
(<http://econpapers.repec.org/software/bocbocode/s456839.htm>).

Nicholas J. Cox, Stephen P. Jenkins, and Maarten L. Buis (2005) "betafit: Stata program fitting a two parameter beta distribution, optionally dependent on covariates"  
(<http://econpapers.repec.org/software/bocbocode/s435303.htm>).

## Teaching experience

### Post graduate:

"Primary and Secondary Effects in Educational Careers" [with Michelle Jackson]  
(ca. 25 students, at the Summer Academy on Methods of Educational Research 2009)

### Research master:

"Research Skills" 2 guest lectures on regression models for categorical dependent variables  
(ca. 5 students, 2005/2006 and 2006/2007)

"Tutorial Survival Analysis" (1 student, 6 ECTS, 2006/2007)

### Doctoral thesis (M.A. level)

Annemarie Joosen "Survival of the fittest: Onderzoek naar de overlevingskansen van autodemonstratiebedrijven in Gelderland in de periode 1980-2004." (2006) [with Frank den Hond]

### Bachelor

"Social Research Methodology" (70 students, 10 ECTS, 2006/2007) [with Peter Roelofsma]

"SPSS computer labs" (200+ students, 2003/2004, 2004/2005, 2005/2006, and 2006/2007)  
[with various other teachers]

"Descriptive Statistics" (20 students, 3 ECTS, 2004/2005 and 2005/2006)

"Inferential Statistics" (20 students, 3 ECTS, 2004/2005 and 2005/2006)

"onderzoeks practicum" (5 students, 2003/2004 and 2004/2005)

### Pre-Bachelor

"zomer cursus wiskunde" (10 students, 2005/2006) [with Adriaan Hoogendoorn]

"Elementaire Beschrijvende Statistiek" (10 students, 2003/2004)

## **Awards**

Sørensen Award from the Research Committee 28 on Social Stratification and Mobility to attend its conference in Montreal (summer 2007).

## **Professional Activities**

Associate editor of the Stata Journal

Reviewer for:

European Sociological Review

Research in Social Stratification and Mobility

Consultancy:

Concerning strategies for dealing with missing data, at CIFOR in Bogor, Indonesia, between 22 and 26 February 2010.

Member of:

American Sociological Association

American Statistical Association

Interuniversitair werkgroep Sociale Ongelijkheid en Levensloop (ISOL) [Interuniversity study group of Social Stratification and Inequality]

Research Committee 28 on Social Stratification and Mobility of the International Sociological Association

Vereniging voor Statistiek en Operationele Research [Netherlands Society for Statistics and Operations Research]