

Curriculum vitae et studiorum Carla Rampichini

Born in Milano (Italy) June 16, 1959

Italian Citizen. Married with two children.

Languages: Italian (mother tongue), English (working knowledge), French (working knowledge).

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Education:

- *University of Florence, Italy.* Ph.D. Applied statistics, 1995. Dissertation: Competing risks discrete time duration models. An application to the analysis of the careers of the university students. (Supervisor: E. Gori)
- *University of Florence, Italy.* Laurea (B.A.) in Economics and Business Administration, Dec. 1991. Honors: Summa Cum Laude.

Academic experience

- since november 2006: Full professor of Statistics, Department of Statistics, University of Florence.
- 1993-2006: Associate Professor of Statistics, Department of Statistics, University of Florence.

Research interests

Transition models, program evaluation, multilevel models, educational statistics. Estimation techniques, simulation methods.

Teaching experience

Undergraduate courses, University of Florence:

- Statistics, Faculty of Economics, degree program in Business Economics
- Multivariate Statistics, Faculty of Economics, degree program in Statistic
- Statistical Models (advanced), Faculty of Economics, second level degree program in Statistic
- Computational Statistics, Faculty of Economics, degree program in Statistic

Graduate courses, University of Florence:

- Multilevel models
- Duration Models
- Statistical Inference
- Multivariate analysis

Schools of the Italian Society of Statistics:

- Multilevel Models
- Duration Models
- Statistical Methods for University system evaluation

Selected publications

Rampichini C., Schifini S., 1998, A Hierarchical Ordinal Probit model for the analysis of life satisfaction in Italy, *Social Indicators Research*, **44**, 5-39.

Mealli F. e C. Rampichini, 1999, Estimating binary multilevel models through indirect inference, *Computational Statistics & Data Analysis*, **29**, 313-324.

Calzolari G., Mealli F. , Rampichini C. , 2001, Alternative simulation-based estimators of logit models with random effects, Quaderni del Dipartimento di Statistica ‘G. Parenti’, **48**, Firenze.

- Mealli F. , Rampichini C. , 2002, Impact Evaluation of University Grants , 2002 Proceedings of the American Statistical Association, Statistical Computing Section [CD-ROM], Alexandria, VA: American Statistical Association.
- Grilli, L. e Rampichini C., 2002, Specification issues in stratified variance component ordinal response models, *Statistical Modelling*, **2**, 251-264.
- Grilli, L. e Rampichini C., 2003, Alternative specifications of multivariate multilevel probit ordinal response models, *Journal of Educational and Behavioral Statistics*, **28**, n.1 (Spring 2003).
- Rampichini C., Grilli L. e Petrucci A., 2004, Analysis of University Course Evaluations: from descriptive measures to multilevel models, **13**, 357 - 373, *Statistical Methods & Applications*.
- Grilli L. e Rampichini C., 2005, Selection bias in random intercept models, *Multilevel Modelling Newsletter*, **17** , 9-15, <http://www.mlwin.com/pubref/new17-1.pdf>.
- Gottard A., Grilli L. e Rampichini C., 2007, A chain graph multilevel model for the analysis of graduates' employment, Special issue on *Effectiveness of University Education in Italy: Employability, Competencies, Human Capital.*, pp. 169-182, edited by Springer-Verlag.
- Grilli, L. e Rampichini C. , 2007, A Multilevel Analysis of Graduates' Job Satisfaction, in Special issue on *Effectiveness of University Education in Italy: Employability, Competencies, Human Capital.*, pp. 29-42, edited by Springer-Verlag.
- Gottard A., Rampichini C., 2007, Chain Graphs for Multilevel Models, *Statistics & Probability Letters*, **77**, 312-318.
- Grilli L. e Rampichini C., 2007, Multilevel Factor Models for Ordinal Variables, *Structural Equation Modeling: A Multidisciplinary Journal*, Vol. 14, No. 1: pages 1-25.
- Grilli L. e Rampichini C., 2007, A multilevel multinomial logit model for the analysis of graduates' skills, *Statistical Methods and Applications*, *Statistical Methods and Applications*. 16(3), pp 381-393.

Grilli L., Rampichini C., 2007, A multivariate multilevel model for the analysis of graduates' skills, in Gregori D., Mackenzie G., Friedl H., Corradetti R., Eds. *Correlated data modelling 2004. Scientific Meeting in Honour of Diego de Castro*. Franco Angeli Edizioni.

Grilli L., Rampichini C., 2007, Sample selection in linear mixed models. *Electronic Working Papers 10/2007*, Department of Statistics - University of Florence.

Grilli L., Rampichini C., 2007, Endogeneity issues in mixed models, *Conference proceedings International Workshop on Statistical Modelling*, p. Barcellona 2-6 July 2007.