

## Education

Degree in Business Economics, Faculty of Economics, University of Perugia, a.y. 1983-1984, mark 110/110 cum laude. Thesis title: "The numbers price indices for the measurement of inflation produced by a distribution company"

Classic high-school diploma, Liceo Classico A. Mariotti, Perugia, s.y. 1979-1980

## Position

Since January 2005 Assistant Professor of Statistics at the Department of Economics of the University of Perugia.

From 1986 to December 2003 Research assistant at the Computing Centre of the University of Perugia

1987 Technical assistant at the Computing Centre of the University of Perugia

1986 Freelance work contract for professional services related to the use of equipment at the Computing Centre of the University of Perugia

## Research interests

Logistic regression, logistic regression for unbalanced data, case-control studies, survival analysis.

Advanced multivariate statistical methods for applied research.

Actually I am working on statistical methods for medical research and on models to measure and forecast the risk of default of small and medium enterprises.

Other activities

1994-1999 I worked with the Epidemiology Observatory of the Umbria Region on ROD/DRG system, analyzing DRG distribution in Umbrian hospitals and calculating the Case Mix index.

2000-2001 I cooperated for the realization of the component "Decision Support System" as part of the Integrated Health Information System of the Umbria Region on behalf of Crued, IT Services SpA, today Webred SpA

## Teaching

## Teaching

My teaching activity started in 1985 when I was working at The Computing Centre of the University of Perugia. I held plenty of **SAS courses** (base, advanced, graph) for professor, assistant professor and technical staff of the University of Perugia involved in statistical researches.

Later I started to carry out teaching activities in official university courses:

**since a.y. 09/10** titular of the course "**Computer Science**", bachelor degree in Business Administration, Department of Economics, University of Perugia;

**since a.y. 09/2010** collaborate at the "**Credit Scoring**" course held by Prof. Elena Stanghellini, master degree in Quantitative Methods for Finance, Department of Economics, University of Perugia;

**a.y. 07/08 to 08/09** titular of the course **"Statistic in Medicine"** bachelor degree Biomedical Laboratory Techniques, Faculty of Medicine, University of Perugia;

**a.y.07/08 to 08/09** titular of the course **"Computer Science"** (Module I), master degree in Finance, Faculty of Economics, University of Perugia;

**a.y. 05/06 to 06/7** titular of the course **"Computer Science"**, master degree in Finance, Faculty of Economics, University of Perugia;

**from a.y 03/04 to 08/09** titular of the course **"Elements of Computer Science"**, bachelor degrees in Economics, Faculty of Economics, University of Perugia;

**a.y. 04/05** titular of the course **"Statistical Computing Laboratory III"** master degree SIA (Statistica Informatica per le Aziende), Faculty of Economics, University of Perugia;

**from a.y. 02/03 to 04//05 SAS/BASE and SAS/STAT** courses for undergraduates of the Faculty of Economics, University of Perugia;

**from a.y.02/03 to .2010/2011** titular of the course **"Statistical Computing Laboratory III"** SIGI (Statistica Informatica per la Gestione delle Imprese), Faculty of Economics, University of Perugia;

**from a.y. 03/04 to 08/09** titular of the course **"Elements of Computer Science"**, Faculty of Economics, University of Perugia;

**from a.y 02/03 to .06/07** titular of the course **"Computer Science"**, Master Degree Course in Sciences and Techniques of preventive and adaptive motor activities, Faculty of Medicine, University of Perugia;

**from a.y 02/03 to 03/04** titular of the course **"Computer Science"**, Bachelor Degree in Physical Education and Sport, Faculty of Medicine, University of Perugia;

**from a.y. 02/03 to 04/05** titular of the course **"Computer Science"** Faculty of SS.MM.FF.NN., University of Perugia;

**from a.y. 99/00 to 02/03** seminars of **"Medical Statistics"**, Graduate School in Pediatrics, Faculty of Medicine, University of Perugia;

**a.y. 93/94** supplementary educational activities in favor of teaching **"Social Statistics"**, Faculty of Economics, University of Perugia;

**from a.y. 90/91 to 93/94** supplementary educational activities in favor of teaching **"Data Processing Systems"**, Scuola Diretta a Fini Speciali in Informatica, University of Perugia.

## **Publicatons**

[Under review](#)

Article: *La regressione logistica per la previsione del rischio di default degli enti locali italiani. Profili teorici ed evidenze empiriche.* Rubino F. E., Puntillo P., Pierri F.; Azienda Pubblica Editrice Maggioli

Article: *Pharmacological treatment of Borderline Personality Disorder: an observational retrospective study in an Italian acute psychiatric inpatients unit*. Paolini E., Mezzetti F.A.F., Pierri F., Quartesan R., Moretti P.; International Clinical Psychopharmacology

Article: *Temperament and Character Inventory in the Diagnosis of Personality Disorder*. Paolini E., Pierri F., Moretti P.; Journal of Personality Assessment

---

Conference Paper: *Forecasting probability of bankruptcy from unbalanced data*. F.Pierri, E.Stanghellini, N.Bistoni; Current Topics on risk Analysis: ICRA6 and Risk 2015 Conference. Area de Seguro y Prevision Social, FundaciòMapfre Spain. pp. 621-628. ISBN: 978-84-9844-496-4

Article: *Are ongoing trials on hematologic malignancies still excluding older subjects?* Antonio Cherubini, Francesca Pierri, Beatrice Gasperini, Elisa Zengarini, Annarita Cerenzia, Elisabetta Bonifacio, Flavio Falcinelli, Fabrizia Lattanzio. Haematologica 07/2013; Vol. 98(7), pp. 997-1000.

Article: *La capacità predittiva degli indicatori di bilancio: un metodo per le PMI*. Pierri.F., A.Burchi, E.Stanghellini; Piccola Impresa, Small Business n.1 anno 2013 Editrice Montefeltro, pp 85-108

Report: *La capacità predittiva degli integratori di bilancio: una verifica sulle aziende umbre*. F. Pierri, A.Burchi, E.Stanghellini; Quaderni del Dipartimento di Economia Finanza e Statistica n.92 giugno 2011

Conference Paper: *Valutazione del rischio di default delle PMI attraverso uno studio caso-controllo*. Pierri F. ; Gli Analytics come motore per i big data la ricerca ed il sistema paese. Atti del Convegno SAS Campus 2013, Roma, Università La Sapienza, dicembre 2013. Aracne Editrice pp. 57-68

Conference Paper: *Management Control System as a package and performance in the small and medium sized Italian manufacturing enterprises*. Santini F., Pierri F.; Conference on Performance Measurement and management Control. Barcellona 18-20 settembre 2013

Conference Paper: *Design and Results of a Statistical Survey in a School*. Pierri F.; Computational Science and Its Applications - ICCSA 2011 - International Conference, Santander, Spain, June 20-23, 2011. Proceedings, Part II; gennaio 2011. Springer Verlag Berlin Heidelberg, pp 422-435

Poster: *La terapia farmacologica nel disturbo di personalità borderline*. Paolini E., Mezzetti F.A.F., Pierri F., Moretti P., Quartesan R.; 18° Congresso della Società Italiana di Psicopatologia: La psicopatologia e le Età della Vita, 12-15 Febbraio 2014

Poster: *L'esclusione degli anziani dai trial clinici in corso sul trattamento delle neoplasie ematologiche* A. Cerenzia, B. Gasperini, E. Zengarini, F. Pierri, E. Bonifacio, B. Falini, F. Lattanzio, A. Cherubini; GIORNALE DI GERONTOLOGIA pag 456-457, Pacini Editore S.p.A. Milano, 57° Convegno Nazionale Società Italiana di Gerontologia e Geriatria Milano Convention Center 21-24 novembre 2012

## Language

English: level B1/B2

Spanish: level A1

## Software

Depth knowledge of SAS Software concerning data management and reporting, statistical analysis and graphics. I was invited twice as a speaker to SUGI (SAS User Group International), once to SUCHI; I received an award at SUGI in the poster session (Your Graph on the Web with SAS version 8) and a special Mention fat Sugltalia for my speech in Version 8 session.

Discrete knowledge of other statistical package as R and STATA.

Depth knowledge of Microsoft Office Programs

IT manager of the selection procedures for the recruitment of university professors and researchers