

## CURRICULUM VITAE

1. **Family name:** Fortini
2. **First names:** Marco
3. **Nationality:** Italian
4. **Education :**

| Institution                       | Degree(s) or Diploma(s) obtained |
|-----------------------------------|----------------------------------|
| University of Rome "La Sapienza", | Degree in Statistics (4 years)   |

5. **Languages skills: (1 – excellent; 5 – basic)**

|         | Reading | Speaking | Writing |
|---------|---------|----------|---------|
| English | 1       | 2        | 2       |

6. **Membership of professional bodies:** --
7. **Others skills:** Office automation software (Office, Google Documents), Statistical Packages (SAS, R)
8. **Present position:** Chief of methodology subunit at Censuses and Administrative Archives Dpt.
9. **Years within the firm/institution:** 24
10. **Key Qualifications:**

- **Key qualification 1.**

- Several years of experience in quality evaluation of survey process and data outcomes.
- Several years of experience on Record linkage.
- Several years of experience in capture recapture model for census coverage evaluation
- Several years of experience on Combined use of administrative data and sampling surveys in Census framework
- Other interests: latent class analysis and statistical uses of administrative data
- Member of International Task Forces and Working Groups on Eurostat and UNECE.

11. **Specific experience in conducting training:**

| Training programme or project                                   | Title of the course   | Location and dates                  |
|---|---|-------------------------------------|
| ESTP  | Record Linkage and Statistical Matching   | 10-13.11.2014 Rome - IT             |
| ESTP  | Record Linkage  | 19-21.03.2013 Rome - IT             |
| ISTAT   | Record Linkage – Internal Course for Istat Personnel  | 3-6.12.2012 Rome - IT               |
| Essnet on data integration (DI)                                 | Course on data integration  | 28-30.11.2011 Rome - IT             |
| European Conference on Quality in Official Statistics (Q2010),  | Speaker: "Sampling strategy for the dual-system correction of the under-coverage in the register supported 2011 Italian Population Census" coauthors: Loredana Di Consiglio and Stefano Falorsi | 3-6.5.2010 Helsinki, FI             |
| Italian Statistical Society                                     | Methods and techniques for integration of data from different sources (in Italian)  | 15-18.11.2010, Rome - IT            |
| Eurostat  | Statistical Methodologies for the Integration of Data Sources   | 27-29.05.2009 Luxembourg, LU        |
| INED  | 'Le recensement italien de la population en 2011'; Seminar at 'Les lundì del l'INED', in English  | 7.4.2008 Paris, FR                  |
| Essnet on Integration of surveys and administrative data (ISAD) | Course on Methods for Integration of Surveys and Administrative Data  | 14-16.11.2007 Budapest, Hungary, HU |

## 12. Professional experience

| Date from – Date to     | Location | Institution/Company | Position  | Description  |
|-------------------------|----------|---------------------|---|--|
| 16.11.2006 to present   | Rome     | ISTAT               | Chief of sub-unit on statistical methods at General Censuses and Administrative archives Dpt.                                   | <ul style="list-style-type: none"> <li>▪ Planning of the sampling strategy for 2011 Italian Population Census</li> <li>▪ Deduplication Procedures for 2011 Italian Population Census and Production of Quality Indicators</li> <li>▪ Sampling Estimation activities for 2011 Italian Population Census</li> <li>▪ Planning of Next Italian Rolling Population Census</li> </ul>                    |
| 1.1.2004 to 15.11. 2006 | Rome     | ISTAT               | Chief of sub-unit on accuracy evaluation and microdata integration at Istat Division for Information Technology and Methodology | <ul style="list-style-type: none"> <li>▪ Study and Development of Record Linkage Methods and Procedures</li> <li>▪ Participation to "ESSnet on statistical methodology: area integration of surveys and administrative data";</li> <li>▪ Methods and techniques for evaluation and improvement of surveys quality and statistical products;</li> </ul>   |
| 1.1.2001 to 31.12.2003  | Rome     | ISTAT               | Chief of sub-unit on statistical methodologies for social statistics at the Istat Department for Social Statistics              | <ul style="list-style-type: none"> <li>▪ Planning of sample strategies for Istat surveys on households and assistance to survey units in parameters and sampling error estimation;</li> <li>▪ Implementation of Post Enumeration Survey of the 2001 Population Census and production of estimates;;</li> </ul>   |
| 9.3.1992 to 31.12.2000  | Rome     | ISTAT               | Researcher in subunit on Data Quality at Statistical Methodologies Unit   | <ul style="list-style-type: none"> <li>▪ Planning of 2001 Population Census Post Enumeration Strategy;</li> <li>▪ Development of Statistical Information System for Survey Quality Documentation and Evaluation;</li> <li>▪ Structural Equation Methods for Evaluation of Non Sampling Errors in Surveys;</li> <li>▪ Design of Accepting-Rejection Test for Istat Data Capture Service;</li> </ul> |

## 13. A selection of recent Publications

- M. Fortini, L. Mancini, L. Marcone, E. Mussino, E. Paluzzi; Who settles down in Italy? Transition to residency of non-EU migrants, In corso di pubblicazione negli atti delle Giornate di Studio sulla Popolazione (GSP) 2013, Bressanone, 6-8 febbraio 2103
- L. Mancini, M. Fortini, L. Marcone, F. Borrelli, A. Ronconi; Assessing the effectiveness of administrative registers in managing under-coverage errors in a population census: evidence from the 2009 Italian census pilot survey, Convegno intermedio SIS 2011 "La Statistica nei 150 anni dall'Unità d'Italia", Bologna, 8-10 giugno 2011
- F. Crescenzi, M. Fortini, S. Mastroluca; Towards a new paradigm of continuous use of registers and geocoded databases; Oral presentation to the 60th plenary session of the Conference of European Statisticians, Paris, 6-8- June 2012
- M. Fortini, G.Gallo; A mixture model for estimating undercoverage rate in Italian municipal population census, European conference on quality in official statistics (Q2010), Helsinki, Finland, 3-6 May 2010
- L. Di Consiglio, S. Falorsi, M. Fortini, G.Gallo; Sampling strategy for the dual-system correction of the under-coverage in the register supported 2011 Italian Population Census, European conference on quality in official statistics (Q2010), Helsinki, Finland, 3-6 May 2010
- D. Cocchi, M. Fortini; Dual System domain estimation of undercount in register supported census, Convegno Statistische woche, Wuppertal, Germania, 5-8 ottobre 2009

- F. Crescenzi, M. Fortini, G. Gallo e A. Mancini; La progettazione dei censimenti generali 2010–2011, 6 – Linee generali di impostazione metodologica, tecnica e organizzativa del 15° Censimento generale della popolazione, Istat, Documenti, Numero 6/2009
- F. Panizon, M. Fortini ed altri; La qualità dei dati, Collana Istat “Conoscere il Censimento: 14° Censimento generale della popolazione e delle abitazioni”, 2008, Istat, Roma
- N. Cibella, M. Fortini, T. Tuoto; The relationship between error rates and parameter estimation in the probabilistic record linkage context, Proceedings of the European Conference on Quality in Official Statistics (Q2008), Rome 8-11 July 2008
- G. Carbonetti, M. Fortini, F. Solari; Innovations on methods and survey process for the 2011 Italian population census, Proceedings of the European Conference on Quality in Official Statistics (Q2008), Rome 8-11 July 2008
- G. Carbonetti, M. Fortini; Sample results expected accuracy in the Italian population and housing census, Joint UNECE/Eurostat Meeting on Population and Housing Censuses (Geneva, Switzerland, 14-16 May 2008)
- F. Crescenzi, M. Fortini; Due strategie per l’uso censuario di dati anagrafici, Atti della conferenza Intermedia Istat 2007 “Censimenti generali 2010-2011. Criticità e innovazioni”, Roma, 21-22 novembre 2007 <http://www.istat.it/istat/eventi/2007/interconferenza>
- G. Alleva, M. Fortini, A. Tancredi; The Control of Non-Sampling Errors on Linked Data: an Application on Population Census, Relazione invitata pubblicata negli Atti Convegno Intermedio SIS2007 "Rischio e Previsione", Venezia, 6 – 8 giugno 2007
- M. Fortini, M. Scannapieco, L. Tosco, T. Tuoto; Towards an Open Source Toolkit for Building Record Linkage Workflows, Atti dell’International Workshop on Information Quality in Information Systems (IQIS 2006), Chicago-USA 30 giugno 2006
- M. Fortini; Modello cattura-ricattura in presenza di errori di abbinamento: un approccio bayesiano, in Metodi statistici per l’integrazione di dati da fonti diverse, a cura di Liseo B. Montanari G.E., Torelli N., Franco Angeli editore, 2006, Milano, pp. 211-225