Alessio Crippa

CONTACT INFORMATION	**Publich Health Science** Karolinska Institutet Widerströmska huset, Tomtebodavägen 18A SE-171 77, Stockholm, Sweden Work phone: +46 (0)720282766 e-mail: alessio.crippa@ki.se Institutional web page: http://ki.se/en/people/alecri Personal website: http://alecri.github.io/

RESEARCH INTERESTS

R, Statistics, Biostatistics, Epidemiology, Meta-Analysis, Statistical Modeling, Public Health, Nutrition, Data Analysis, Web Development

EDUCATION

Karolinska Institutet, Stockholm (Sweden)

Ph.D, Epidemiology, *Expected:* Summer 2017
- Thesis Topic: *Novel methods for pooling dose-response associations between diet and cancer*
- Advisors: Alicja Wolk, Prof; Matteo Bottai, Prof; Donna Spiegelman; and Nicola Orsini, Ph.D

University of Milano-Bicocca, Milan (Italy)

M.S., Biostatistics and Experimental Statistics, Jun 2013
- Topic: *Goodness of fit in dose-response meta-analysis*
- Advisor: Nicola Orsini Ph.D; Rino Bellocco, Prof; and Vincenzo Bagnardi; Ph.D

B.S., Statistics and Information Management, Jul 2011
- Topic: *Empirical Bayes Estimators for the assessment of the quality of 180 intensive care units involved in GiViTI network*
- Advisor: Guido Bertolini; Ph.D, and Vincenzo Bagnardi; Ph.D

RESEARCH EXPERIENCE

Research Assistant   Aug 2014 to May 2015
Division of Nutrional Epidemiology and Biostatistics,
Karolinksa Institutet
Advisor: Nicola Orsini, Ph.D

Visiting Researcher   Feb 2013 to Jun 2014
Division of Nutritional Epidemiology,
Karolinksa Institutet
Advisors: Nicola Orsini, Ph.D and Alicja Wolk, Prof

Research Assistant   Sept 2010 to Mar 2011
Division of Clinical Epidemiology,
Mario Negri Institute for Pharmacological Research
Advisor: Guido Bertolini, Ph.D

REFEREED JOURNAL PUBLICATIONS

1. **Crippa, A.**, Discacciati, A., Orsini, N. and Oskarsson, V., 2016. Letter: coffee consumption and gallstone disease-a cautionary note on the assignment of exposure values in dose-response meta-analyses. Alimentary pharmacology & therapeutics, 43(1), pp.166-167.

2. Discacciati, A., **Crippa, A.**, and Orsini N., 2015. Goodness of fit tools for dose?response meta?analysis of binary outcomes. Research synthesis methods.

3. Larsson, S.C., **Crippa, A.**, Orsini, N., Wolk, A. and Michaëlsson, K., 2015. Milk Consumption and Mortality from All Causes, Cardiovascular Disease, and Cancer: A Systematic Review and Meta-Analysis. Nutrients, 7(9), pp.7749-7763.

4. Di Giuseppe, D., **Crippa, A.**, Orsini, N. and Wolk, A., 2014. Fish consumption and risk of rheumatoid arthritis: a dose-response meta-analysis. Arthritis research & therapy, 16(5), p.446.

5. **Crippa, A.**, Discacciati, A., Larsson, S.C., Wolk, A. and Orsini, N., 2014. Coffee consumption and mortality from all causes, cardiovascular disease, and cancer: a dose-response meta-analysis. American journal of epidemiology.

IN PRESS PUBLICATIONS

1. **Crippa, A.**, Khudyakov, P., Wang, M., Orsini, N., and Spiegelman D., 2016. A new measure of between-studies heterogeneity in meta-analysis. Statistics in Medicine [In press].

2. **Crippa, A.**, and Orsini N., 2016. Multivariate Dose-Response Meta-Analysis: the dosresmeta R Package. Journal Statistical Software [In press].

PRESENTATIONS

Statistical Meetings
- European Congress of Epidemiology - Healthy Living, Maastricht — Jun 2015
- 5th Nordic-Baltic Biometric Conference, Reykjavik — Jun 2015
- Episeminar - Karolinska Institutet, Stockholm — Sept 2013
- 4th Nordic-Baltic Biometric Conference, Stockholm — Jun 2013

TEACHING EXPERIENCE

Teaching — Fall 2015–16
  Advanced Statistics in Epidemiology
  Instructor: Nicola Orsini, Ph.D
  Division of Statistics, University of Milan-Bicocca, Italy
Teaching Assistant — Fall 2011–12
  Statistics I
  Instructor: Paola Chiodini, Ph.D Division of Statistics, University of Milan-Bicocca, Italy

SOFTWARE SKILLS

- R free software programming language
    package developed: **dosresemeta**
    web application developed: **dosresemeta**; **flexmod**; and **bias**
    reproducible research and dynamic documents in *shiny* and *knitr*
- Statistical software: R, SAS, Stata, and SPSS
- Github version control
- LaTeX