Using survival data in gene mapping : using survival data in genetic linkage and family-based association analysis

Callegaro, A.

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Curriculum Vitae

Andrea Callegaro was born in Dolo, Italy in 1974. He obtained an accounting high school diploma at P.F. Calvi of Padova (Italy) in 1993. After serving in the Italian Army for fifteen months, he continued his education at the Faculty of Statistics, University of Padua (Italy), where he obtained a bachelor's degree (cum laude) in 2001. In the year 2000, he started working as junior statistician at the San Gerardo Hospital (Milan, Italy) with prof dr. Maria G. Valsecchi. He spent three years at the San Gerardo Hospital studying and applying survival methods to clinical data. In 2003 he was visitor for four months at the Dept. of Medical Statistics and Bioinformatics (Leiden University Medical Centre). He had the opportunity to work with prof dr. Hans C. van Houwelingen on the analysis of microarray data. In the year 2004, he joined the Data Analysis Group of the Dept. of Chemical Engineering Processes, University of Padova (Italy) to work on microarray data. Specifically, during the two years spent at the Data Analysis Group, he developed statistical methods to identify differentially expressed chromosomal regions.

The work gathered in this thesis was carried out in the period 2006-2009 at the Dept. of Medical Statistics and Bioinformatics (Leiden University Medical Centre) under supervision of prof dr. Jeanine J. Houwing-Duistermaat. During this research period, the author presented his work at several international conferences, including EMGM 2007 (Heidelberg, Germany), EMGM 2008 (Rotterdam, Netherlands), IGES 2008 (St. Louis, USA), Channel meeting BMS 2009 (Ghent, Belgium) and IGES 2009 (Kahuku, Hawaii, USA).

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