

Szilárd Nemes

Framgången 212 lgh 110
412 80 Göteborg
Tel: 076245440
E-mail: nemessz@gmail.com

1. PERSONAL INFORMATION:

Nationality: Hungarian

Citizenship: Romanian

Residency: Sweden

Date and place of birth: 1977-08-30, Rupea, Romania

2. LANGUAGES: Swedish, English, Romanian and Hungarian (mother tongue)

3. EDUCATION:

Bachelor in Science in Mathematical Statistics, Gothenburg University, 2007

Master of Science in Biology, Babes-Bolyai University, Romania , 2001

4. WORK EXPERIENCE:

- 2008- Division of Cancer Epidemiology, Sahlgrenska University Hospital
- 2007/2008 Chalmers University of Technology, Assistant teacher, Multivariate Calculus and Statistical Modeling MVE120 and Mathematical Statistics TMS056
- 2002-2003: Phytosanitary Department of Covasna County (Romania), Biologist
- 2000-2003: Agricultural College, Sf. Gheorghe, Romania, teacher

5. INTERESTS:

- **Causality analysis:** estimation of direct and indirect effects in regression analysis
- **Dynamic path analysis** is an extension of classical path analysis where covariates might be time dependent and the outcome is a stochastic process. This approach enables the researches to assess both direct and indirect effects of covariates through internal time dependent covariates.
- **Multiple Imputations:** mathematical models to overcome the information loss caused by missing observations.
- **Computer Intensive Statistical Methods:** bootstrapping, Bayesian statistics