

Curriculum Vitae

Theodora Dimitrakopoulou

EDUCATION

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| May 2006 | Ph. D. in Statistics
Department of Mathematics, University of Ioannina, Greece |
| June 2001 | M. Sc. in Statistics and Operational Research
Department of Mathematics, University of Ioannina, Greece |
| February 1998 | B. Sc. in Mathematics
Department of Mathematics, University of Ioannina, Greece |

ACADEMIC POSITIONS

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| December 2013 | Lecturer
Department of Statistics and Actuarial-Financial Mathematics,
University of the Aegean, Greece (Elected in March 2011) |
| 10/2008-12/2013 | Adjunct Lecturer
Department of Statistics and Actuarial-Financial Mathematics,
University of the Aegean, Greece |
| 10/2006-9/2008 | Adjunct Lecturer
Department of Mathematics and Department of Philosophy,
Education and Psychology, University of Ioannina, Greece |

RESEARCH INTERESTS

Distribution Theory-Statistical Inference, Survival Analysis.

DISSERTATIONS

1. Dimitrakopoulou, T. (2006). *Survival Analysis Models*, Ph. D. Thesis, University of Ioannina, 1-120.
2. Dimitrakopoulou, T. (2001). *Survival Analysis with Emphasis on Parametric Models*, M. Sc. Thesis, University of Ioannina, 1-118.

PUBLICATIONS IN INTERNATIONAL REFERRED JOURNALS

1. Dimitrakopoulou, T. (2022). A Note on the Implications of Certain Aging Notions in the Competing Risks Model. (To be submitted)
2. Dimitrakopoulou, T. (2022). Measuring Uncertainty in the Competing Risks Model. (Under preparation)
3. Dimitrakopoulou, T. (2022). Nonparametric Estimation of the Survival Curve in the NBU Class of Life Distributions. (Under preparation)
4. Dimitrakopoulou, T. and Tsimikas, J. (2022). Testing the NBU (IFR) Property Against NWU (DFR) and Not Exponential. (Under preparation)
5. Dimitrakopoulou, T., Adamidis, K. and Loukas, S. (2012). Bivariate Extended Exponential-Geometric Distributions. *Communications in Statistics - Theory and Methods*, 41, 1129-1150.
6. Dimitrakopoulou, T., Adamidis, K. and Loukas, S. (2007). A Lifetime Distribution with an Upside-Down Bathtub-Shaped Hazard Function. *IEEE Transactions on Reliability*, 56(2), 308-311.
7. Dimitrakopoulou, T., Adamidis, K. and Loukas, S. (2006). On the Gamma Frailty Model. *Advances & Applications in Statistics*, 6(1), 41-52.
8. Adamidis, K., Dimitrakopoulou, T. and Loukas, S. (2005). On an Extension of the Exponential-Geometric Distribution. *Statistics & Probability Letters*, 73, 259-269.

CITATIONS

Citations:181, Highly Influential Citations:32 (Semantic Scholar)

REFeree IN

- Communications in Statistics - Theory and Methods (2011(1))
- Journal of Statistical Computation and Simulation (2013 (1), 2018(1))

CONFERENCE PARTICIPATION

1. 24⁰ Panhellenic Statistics Conference, Patra, April 27 - May 1, 2011.
2. 21⁰ Panhellenic Statistics Conference, Karlovassi, Samos, April 30 - May 4, 2008 (with paper presentation).

3. 19⁰ Panhellenic Statistics Conference, Kastoria, April 26-29, 2006 (with paper presentation).
4. 17⁰ Panhellenic Statistics Conference, Lefkada, April 14-18, 2004 (with paper presentation).
5. 15⁰ Panhellenic Statistics Conference, Ioannina, May, 8-11. (with paper presentation).
6. 1^o Special Conference of the Hellenic Operational Research Society, Ioannina, October, 29-31, 1999.

PARTICIPATION IN RESEARCH PROGRAMS

1. Research program I “SOTIRIS DAKARIS” (1/12/2001 until 30/11/2002), funded by the University of Ioannina.
2. Research program “HRALKEITOS” (8/11/2002 until 31/5/2006) of the “Operational Program for Education and Initial Vocational Training” of the 3rd Community Support Framework of the Hellenic Ministry of Education, funded by national sources and the European Social Fund.

TEACHING EXPERIENCE

1. Teaching experience as a teaching assistant

Undergraduate courses:

- Statistical Methods for Biological Sciences (Department of Biological Applications and Technology, University of Ioannina)
- Introduction in Statistics (Department of Education, University of Ioannina)
- Introduction in Statistics, Probability Theory and Statistics, Data Analysis (Department of Mathematics, University of Ioannina)

Postgraduate courses:

- Linear Models (Department of Mathematics, University of Ioannina)

2. Teaching experience as an instructor

Undergraduate courses:

- Mathematical Methods for Biological Sciences (Department of Biological Applications and Technology, University of Ioannina)

- Non-Parametric Statistics - Categorical Data (Department of Mathematics, University of Ioannina)
- Statistics I, Statistics II (Department of Philosophy, Education and Psychology, University of Ioannina)
- Probabilities I, Statistics I, Statistics II, Regression Analysis, Introduction in Bayesian Statistics, Statistical Quality Control, Biostatistics, Survival Analysis, Linear and Generalized Linear Models, Statistical Software and Data Analysis (Department of Statistics and Actuarial-Financial Mathematics, University of the Aegean)

Postgraduate courses:

- Probabilities and Statistics, Categorical Data Analysis, Statistics, Statistical Quality Control, Bayesian Statistics (Department of Statistics and Actuarial-Financial Mathematics, University of the Aegean)

SUPERVISING OR EXAMINING UNDERGRADUATE OR POSTGRADUATE THESIS

- Supervisor in: 1 Postgraduate Thesis
- Member of the Three-Member Examining Committee in: 12 Undergraduate Thesis and 8 Postgraduate Thesis

CURRENT ADMINISTRATIVE WORK

- Member of the Coordinating Committee of Postgraduate Studies
- Member of the Group of Internal Evaluation of the Department
- Member of the Committee of Graduate Admission Examinations from Vocational Training Institutes
- Member of the Committee of Practical Fieldwork
- Member of the Library Committee
- Member of the Committee for the Destruction of Examination Papers