



EconLab2019@Istanbul

Modelling School IX

July 08 - 13, 2019, Istanbul, Turkey

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The program and content

Day I: Monday, July 08, 2019 – Instructor: [Dr. Yilmaz Kilicaslan](#)

- 09.00-09.30: Registration
- 09.30-10.30: Introduction to Stata and Basic Commands I
- 10.30-11.00: Coffee Break
- 11.00-12.00: Introduction to Stata and Basic Commands II
- 12.00-13.30: Lunch
- 13.30-14.30: Basic Stata Commands I
- 14.30-15.00: Coffee Break
- 15.00-16.00: Basic Stata Commands II
- 16.00-17.00: Interactive Consultancy

Day II: Tuesday, July 09, 2019 – Instructor: [Dr. Yilmaz Kilicaslan](#)

- 09.30-10.30: Simple/Multiple regression: The fundamentals
- 10.30-11.00: Coffee Break
- 11.00-12.00: Simple/Multiple regression
 - Estimation
 - Estimation results and interpretations
 - Post estimation hypothesis testing
- 12.00-13.30: Lunch
- 13.30-14.30: Simple/Multiple regression
 - Applications with Stata I
- 14.30-15.00: Coffee Break
- 15.00-16.00: Simple/Multiple regression
 - Applications with Stata II
- 16.00-17.00: Interactive Consultancy

Day III: Wednesday, July 10, 2019 – Instructor: [Dr. Yilmaz Kilicaslan](#)

- 09.30-10.30: Regression with Dummy Dependent variables: The fundamentals
 - Linear Probability Model (LPM)
 - Probit
 - Logit
 - Tobit
- 10.30-11.00: Coffee Break
- 11.00-12.00: Regression with Dummy Dependent variables
 - Estimation
 - Estimation results and interpretations
- 12.00-13.30: Lunch
- 13.30-14.30: Regression with Dummy Dependent variables
 - Applications with Stata I
- 14.30-15.00: Coffee Break
- 13.30-14.30: Regression with Dummy Dependent variables
 - Applications with Stata II
- 16.00-17.00: Interactive Consultancy



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Day IV: Thursday, July 11, 2019 – Instructor: [Dr. Yilmaz Kilicaslan](#)

10.00-12.00: Panel Data Regression Models

- Fixed and random effects
- Estimation and interpretations
- Dynamic Panel Data Modeling
- Estimation and interpretations

12.00-13.30: Lunch

13.30-16.00: Panel Data Regression Models

- Applications with Stata

16.00-17.00: Interactive Consultancy

Day V: Friday, July 12, 2019 – Instructor: [Dr. Zeynep Basak](#)

09.30-10.30: Survival Analysis: The fundamentals

- Its terminology
- Preparing data for analysis and estimation
- Nonparametric estimation

10.30-11.00: Coffee Break

11.00-12.00: The Cox Proportional-Hazards Regression Model

- Estimation
- The proportionality assumption
- Baseline hazard and survivor functions

12.00-13.30: Lunch

13.30-14.30: Setting and summarizing survival data – Nonparametric Estimation

- Applications with Stata I

14.30-15.00: Coffee Break

13.30-14.30: The Cox Proportional-Hazards Regression Model

- Applications with Stata II

16.00-17.00: Interactive Consultancy

Day VI: Saturday, July 13, 2019 – Instructor: [Dr. Zeynep Basak](#)

09.30-10.30: Parametric survival models: The fundamentals

- Classes of parametric models: Proportional hazards (PH) versus accelerated failure time (AFT) models
- Specification of the parametric models: Exponential, Weibull, Gompertz, Lognormal, Loglogistic, Generalized Gamma regressions

10.30-11.00: Coffee Break

11.00-12.00: Parametric survival models

- Estimation
- Estimation results and interpretation
- Choosing among parametric models
- Postestimation

12.00-13.30: Lunch



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13.30-14.30: Parametric survival models

- Applications with Stata I

14.30-15.00: Coffee Break

13.30-14.30: Parametric survival models

- Applications with Stata II

16.00-17.00: Interactive Consultancy

19.00 – 22.00 Gala Dinner