

MODELS WITH LIMITED DEPENDENT VARIABLES

1	Course Title:	MODELS WITH LIMITED DEPENDENT VARIABLES
2	Course Code:	EKO4114
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	none
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. Kadir Yasin Eryiğit
15	Course Lecturers:	Prof.Dr. Mustafa Sevütekin, Prof. Dr. Mehmet Çınar,
16	Contact information of the Course Coordinator:	kyeryigit@uludag.edu.tr Bursa Uludağ Üniversitesi İktisadi ve İdari Bilimler Fakültesi Ekonometri A.B.D. 16059 Görükle/Bursa Türkiye Telephone: +90 224 2941135 Fax: +90 224 2941003
17	Website:	
18	Objective of the Course:	The aim of this course is to teach the regression models that are appropriate when the dependent variable is binary, ordinal, nominal , count, censored and truncated, to apply the regression models that are appropriate when the dependent variable is censored, truncated, binary, ordinal, nominal or count and to interpret the result obtained.
19	Contribution of the Course to Professional Development:	Be equipped with advanced theoretical and applied knowledge and assess an organization from different perspectives. Take responsibilities as a team member when dealing with issues and problems encountered in practice. Notice and make use of business opportunities in the field of economy. Effective use information and communication technologies
20	Learning Outcomes:	
	1	Explains Econometric concepts
	2	Equipped with the foundations of Economics, develops Economic models
	3	Models problems using the knowledge of Mathematics, Statistics, and Econometrics
	4	Acquires the ability to analyze, benchmark, evaluate and interpret at conceptual levels to develop solutions to problems
	5	Collects, edits, and analyzes data
	6	Uses advanced software packages concerning Econometrics, Statistics, and Operation Research

	7	Develops the ability to use different resources in an area which has not been studied in the scope of academic rules, synthesizes the information gathered, and gives effective presentations
	8	Speaks Turkish and at least one other foreign language in accordance with the requirements of academic and business life.
	9	Questions traditional approaches and their implementation and develops alternative study programs when required
	10	Recognizes and implements social, scientific, and professional ethic values

21	Course Content:	
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	Course Content:	
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Week	Theoretical	Practice
1	Data structure in Limited Dependent Variable Models	
2	Limited Dependent Variable Models and OLS	
3	Linear probability model, Binary Probit and Binary Logit I	
4	Linear probability model, Binary Probit and Binary Logit II	
5	Linear probability model, Binary Probit and Binary Logit	
6	Ordered Probit and ordered Logit Models	
7	Ordered Probit and ordered Logit Models	
8	Multinomial Probit model and Multinomial Logit Model I	
9	Multinomial Probit model and Multinomial Logit Model II	
10	Sequential Probit and Sequential Logit Models I	
11	Sequential Probit and Sequential Logit Models II	
12	Bivariate Probit and Bivariate Logit Models I	
13	Bivariate Probit and Bivariate Logit Models II	
14	Conditional Probit and Conditional Logit Models	

22	Textbooks, References and/or Other Materials:	Maddala, G.S (1988), Limited Dependent and Qualitative Variables in Econometrics Cameron C.A., Trivedi P, K, (2005). Microeconometrics Methods and Applications. Cambridge University Press. J. Scott Long, Regression Models for Categorical and Limited Dependent Variables, 1997, Sage Publications;
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23	Assesment	
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00

24	ECTS / WORK LOAD TABLE
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	40.00	40.00
Others	0	0.00	0.00
Final Exams	1	40.00	40.00
Total Work Load			150.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS
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	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	2	3	4	3	2	5	3	4	3	3	4	0	0	0	0
ÖK2	5	4	3	2	3	4	5	3	4	3	5	4	0	0	0	0
ÖK3	4	5	3	4	3	5	4	3	5	4	3	5	0	0	0	0
ÖK4	2	3	5	4	3	2	4	5	3	4	3	2	0	0	0	0
ÖK5	5	4	5	3	2	4	5	3	4	3	2	5	0	0	0	0
ÖK6	3	3	2	5	4	5	3	2	5	4	5	2	0	0	0	0
ÖK7	3	3	3	3	5	4	3	2	5	3	3	3	0	0	0	0
ÖK8	3	3	5	4	3	5	3	3	3	4	5	4	0	0	0	0
ÖK9	2	3	5	4	5	3	2	4	5	3	2	5	0	0	0	0
ÖK10	5	3	2	5	4	5	2	3	3	5	4	5	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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