

SANDEE Training Workshop: Fundamentals in Basic Econometrics --Theory and Applications in Environmental Economics

Dhulikhel, Nepal

February 18th - 5th March 2008

Week One Feb 18-23, 2008

Resource person: Prof. Dipankor Coondoo

	18-Feb-08	19-Feb-08	20-Feb-08	21-Feb-08	22-Feb-08	23-Feb-08
	Day 1 Monday	Day 2 Tuesday	Day 3 Wednesday	Day 4 Thursday	Day 5 Friday	Saturday
8:00	Breakfast					
8:30	Registration & Introduction					
9:00	Vectors & Matrices 1	Stastics recap -Prob. Distri	Intro: Regression Analysis	Multiple Regression	Functional Forms	<i>Break</i>
10:30	Tea/Coffee Break					
11:00	Vectors & Matrices 2	Stastics recap -Prob. Distri	Two-Variable Regression Model	Multiple Regression	Functional Forms	<i>Break</i>
12:30	Lunch					
2:00	Assignment	Assignment	Assignment	Assignment	Assignment	<i>Break</i>
4:00	Tea/Coffee Break					
4:15	Assignment -Discussion	Assignment-Discussion	Assignment-Discussion	Assignment-Discussion	Assignment-Discussion	<i>Break</i>
5:15	Intro to STATA- Subir	Developing a research proposal -- Open Discussion	Field Work, Sample selection - Ram Bhattarai	Data Entry- Bishnu Sharma	Preparation for presentation in 2nd week	<i>Break</i>
7:30	Dinner					

Course manual:
Software

J. Wooldridge: Introductory Econometrics-- A Modern Approach, 3 edition
Stata 10

This week

Chap 1-6 and Appendix

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Week Two Feb 24 -29, 2008

Resource person: Prof. A.K. Enamul Haque

	24-Feb-08	25-Feb-08	26-Feb-08	27-Feb-08	28-Feb-08	29-Feb-08
	Day 6 Sunday	Day 7 Monday	Day 8 Tuesday	Day 9 Wednesday	Day 10 Thursday	Friday
8:00	Breakfast					
9:00	Dummy Independent Variables	Multicollinearity	Generalized Least Squares	Simultaneity, Endogeneity	Simultaneous Equations	<i>Break</i>
10:30	Tea/Coffee Break					
11:00	Restrictions and Tests	Heteroscedasticity	Autocorrelation	Instrumental Variables	Two & Three SLS	<i>Break</i>
12:30	Lunch					
2:00	Assignment & Discussion	Assignment & Discussion	Assignment & Discussion	Assignment & Discussion	Assignment & Discussion	<i>Break</i>
4:00	Tea/Coffee Break					
4:15	Discussion on Economics of Topical Env Problems (AKEH and PM)	Assignment & Discussion				<i>Break</i>
5:15		Presentations	Presentations	Presentations	Presentations	<i>Break</i>
7:30	Dinner					

This week

Chap. 7-16.

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Week Three Mar 1-5, 2008

Resource person: Prof. S. Madheswaran

	1-Mar-08	2-Mar-08	3-Mar-08	4-Mar-08	5-Mar-08	6-Mar-08
	Day 11 Saturday	Day 12 Sunday	Day 13 Monday	Day 14 Tuesday	Day 15 Wednesday	Thursday
8:00	Breakfast					<i>Participants depart</i>
9:00	Intro to Binary Models, MLE, Logit	Censored Dep. Variables	Multi-nomial Logit, Nested Multi Nomial Logit	Count data (Poisson, Negative binomial)	Panel regressions with limited dependent variables	
10:30	Tea/Coffee Break					
11:00	Probit, Heckman 2 stage	Tobit Models	Ordered Probit Model	Count data (Poisson, Negative binomial)	Panel regressions with limited dependent variables	
12:30	Lunch					
2:00	Assignment	Assignment	Assignment	Assignment	Assignment	
4:00	Tea/Coffee Break					
4:15	Assignment & Discussion				Evaluation	
5:15	Presentations	Presentations	Presentations	Presentations	Departure	
7:30	Dinner					

Chap. 17 and more