


Statistical Inference				 universität bonn	
Module Number 332125030	Workload 225 h	Credits 7,5 CP	Duration 1 Term	Cycle yearly; winter term	
Responsible Faculty Member	Prof. Dr. Alois Kneip				
Institute	Department of Economics				
Study Program	Title			Character	Study Term
	Master of Science Economics			Advanced Module	3rd
Learning Outcomes	The course aims to provide students with an understanding of fundamental concepts of modern statistical inference. It enables them to follow methodological discussions of statistical procedures proposed in original research papers. Participants are prepared for a sensible use of statistics in their own empirical work.				
Key Skills					
Learning Content	The course deals with statistical methods for the analysis of complex data. It concentrates on concepts and theoretical foundations of contemporary statistical inference. Finite sample and asymptotic properties of parametric and nonparametric procedures are derived and discussed.				
Prerequisites for attending					
Course Type	Lecture, Seminar, etc.			Contact time	Workload [h]
	lecture and tutorial			4 hrs per week	(c) 60 (s) 165
Examination(s)	Type of Examination			Grades	
	written or oral exam			yes	
Special Course Achievements					
Other					

(c) contact time per term / (s) self study per term

January 2012