

University of Pretoria Yearbook 2020

Multivariate techniques 720 (MET 720)

Qualification	Postgraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	15.00
Programmes	BComHons Statistics and Data Science BSchHons Statistics and Data Science
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	STK 310 and STK 320. This prerequisite cannot be replaced with any WST modules.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 2

Module content

Point and Interval estimation. Sampling distributions, central limit theorem, simulations and Bootstrap. Bayesian inference, posterior distribution, Hypotheses testing using confidence intervals, ratio tests, simulated null distributions and power function.

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