COURSE DETAIL

MODERN REGRESSION ANALYSIS
Country Ireland
Host Institution University College Dublin
Program(s) University College Dublin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title MODERN REGRESSION ANALYSIS
UCEAP Transcript Title MODERN REGRESSION
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

The course is intended to be a (non-exhaustive) survey of regression techniques from both a theoretical and applied perspective. Time permitting, the methods students study include: exploratory data analysis, simple linear regression; multiple linear regression; regression with categorical variables; regression with interaction terms; polynomial regression; model selection for multiple linear models; and regression diagnostics.

Language(s) of Instruction
English

Host Institution Course Number
STAT20230

Host Institution Course Title
MODERN REGRESSION ANALYSIS

Host Institution Course Details
https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=STAT20230

Host Institution Campus
University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics & Statistics

Course Last Reviewed
2024-2025

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