Projects 2015

	Title	Author	Supervisor	Project
1501	Performance Analysis for a Chaos-Based CDMA system in Wide-Band Channel	Raneetha ABEYWICKRAMA	C Giurccaneanu	Honours
1502	The relationship between infant mortality and income inequality in New Zealand	Norshahirah AYOB	A Scott R Lay-Yee	Honours
1503	Drivers of brand preference and recommendation for media companies in New Zealand	Michael CHAN	P Mullins	Honours
1504	Evaluating Lenth's Method for Analysing Unreplicated Factorial Designs	I-Heng CHEN	A Miller	Honours
1505	Comparison of fasting and 2-hour postchallenge glucose and HbA1c for use in screening for type 2 diabetes: the Diabetes, Heart and Health Survey	Daniel FAWCETT	P Metcalf	Masters
1506	Machine Learning on Political Data	Jonathan GOODMAN	B McArdle	Masters
1507	The Effect of Longitudinal Unemployment On Mortality Risk In New Zealand	Justin GUNTER	B Milne A Lee	Honours
1508	Bayesian estimation of strong lens time delay	Yilin GUO	B Brewer	Honours
1509	HTML5 Tables from xtable	Seongkyun HA	D Scott	Honours
1510	Improving the OpenAPI architecture	Ashley HINTON	P Murrell	Honours
1511	Robustness to Outliers of Multidimensional Scaling and Orthogonalised Multivariate Test	Bei HU	B McArdle	Masters
1512	Discrete Data Smoothing Using Non-parametric Mixtures	Kai HUANG	Y Wang	Honours
1513	Indirect treatment comparisons in meta-analysis	Hannah JAMIESON	D Scott	Honours
1514	Modelling Length of Stay for General Medicine	Kevin JIA	I Ziedins M O'Sullivan C Walker	Masters
1515	Light to Moderate Alcohol Comsumption Is Protective for Type 2 Diabetes Mellitus in Overweight and Obese Individuals but not for normal weight.	Jeong Min KIM	P Metcalf	Honours
1516	Socio-economic position and mortality risks: a sibling approach	Fui Swen KUH	B Milne A Lee	Honours
1517	Application of Copula using Bayesian Inference in Stochastic Volatility Model	Ji Soo LEE	R Meyer	Honours
1518	Using Bayesian Survival Analysis Methods to Study the Time between Childbirths	Silong LIAO	R Meyer	Masters
1519	Multiple versus Single Imputation in Raking Estimators of Regression Parameters	Chrsitopher Bo LIU	T Lumley	Masters
1520	Demand for Residential Electricity in Auckland	Tianyi LUAN	G Prichard	Honours
1521	Statistical Arbitrage: A Comparison of Copula and Bayesian Filtering Strategies	Maalona MAFAUFAU	R Meyer	Honours
1522	Forecasting the Outcome of English Premier League Soccer Matches	Peter MCLEOD	A Lee	Honours
1523	Regression Analyses, Aimed at Optimizing Hatchery and Nursery Survival Rates in the Hapuka	Christopher NOTTINGHAM	I Tuck	Honours
1524	Developing R Tools for an Alarm Data Set	Kirandeep PEHAR	R Ihaka	Honours
1525	Marginal Effects For Three Categorical Regression Models	Stasha RMANDIC	T Yee	Honours
1526	Comparison on performance between BiSeq and DSS method in Detecting differentially methylated regions	Nadiha SAZALI	Y Wen	Honours
1527	Graphical applications for large-scale conservation projects	Oliver STEVENSON	R Fewster	Honours
1528	How to Best Predict Pelvic Floor Muscle Injury During Vaginal Childbirth	Tania Yu TIAN	S Budgett J Kruger	Honours
1529	Ethnic differences in diagnosis of diabetes mellitus and impaired glucose tolerance using 1998 WHO and 2011 HbA1c criteria in adults	Evelingi TUPOU	P Metcalf	Masters
1530	SALSA 2D	Cameron WALKER	T Lumley	Masters
1531	Maximum Likelihood Estimation of the Location and Half-Width of a Gap in a Uniform Distribution on the Unit Circle	Argya WANADITYA	M Holmes R Ihaka	Honours
1532	Investigating temporal and spatial correlation in scampi catch rates	Katie WARD-ALLEN	I Tuck	Honours
1533	Modelling Attributable Foreign Investment Fund Income	Christopher WILKINSON	A Lee	Masters
1534	Model Selection Using Penalized Orthogonal Multivariate Likelihood	Dongliang WU	B McArdle	Masters
1535	Gap Properties of Brownian Motion on the Two-Dimensional Unit Torus	Xiangjie XUE	J Goodman M Holmes	Honours
1536	Predicting Extreme Electricity Demands in the Auckland Region	Kangkang YU	G Prichard	Honours
1537	Detection of Changes in Depth of Anaesthesia by using Bispectral Index	Farah Iraina ADNAN	C Giurcaneanu D Scott	Honours