

Time	Monday 27/11 Housekeeping		Time	Tuesday 28/11 Housekeeping		Time	Wednesday 29/11 Housekeeping		Time	Thursday 30/11 Housekeeping	
850	Welcome Samuel Mueller, President Traditional welcome to Australia by a representative of the Bundjalung Elizabeth Thompson, President of the IBS		850	Cluster Capture-Recapture: A New Framework For Estimating Population Size Rachel Fewster University of Auckland		850	Statistics On Street Corners Dianne Cook Monash University		900	A General Framework For Functional Regression Modelling Sonja Greven LM University, Munich	
900											
940											
Agricultural And Agri-Environmental Statistics With Support Of Geospatial Information, Methodological Issues Elisabetta Carfagna University of Bologna, Italy		950	Morning Tea (30 minutes)		950	Morning Tea (30 minutes)		950	Morning Tea (30 minutes)		
Morning Tea (30 minutes)		1030	Missing Data Propensity Score Approaches In The Presence Of Missing Data: Comparison Of Balance And Treatment Effect Estimates Jannah Baker, The George Insitute for Global Health		1030	Modelling Estimating Overdispersion In Sparse Multinomial Data Farzana Afroz, University of Otago		1030	Biostatistics Hockey Sticks And Broken Sticks ~ A Design For A Single-Arm, Placebo-Controlled, Double-Blind, Randomized Clinical Trial Suitable For Chronic Diseases Hans Hockey, Biometrics Matters		
		High Dimensional Data Visualising Model Selection Stability In High-Dimensional Regression Models Garth Tarr, University of Sydney		Fisheries Assessing Mud Crab Meat Fullness Using Non-Invasive Technologies Carole Wright, Queensland Department of Agriculture and Fisheries		Biometrics I Analysis Of Multivariate Binary Longitudinal Data: Metabolic Syndrome During Menopausal Transition Geoff Jones, Massey University					
		The Missing Link: An Equivalence Result For Likelihood Based Methods In Missing Data Problems Firoozeh Naghrehchi, University of New South Wales		Dimensionality Reduction of LIBS Data for Bayesian Analysis Anjali Gupta, University of Auckland		Rethinking Biosecurity Inspections: A Case Study Of The Asian Gypsy Moth (AGM) In Australia Petra Kuhnert, CSIRO					
Morning Tea (30 minutes)		1050	The Missing Link: An Equivalence Result For Likelihood Based Methods In Missing Data Problems Firoozeh Naghrehchi, University of New South Wales		1050	Statistical Analysis Of Coastal And Oceanographic Influences On The Queensland Scallop Fishery Wen-Hsi Yang, University of Queensland		1050	Correlated Bivariate Normal Competing Risks—Structuring Estimation In An Ill-Posed Problem Malcolm Hudson, Macquarie University		
		Dimensionality Reduction of LIBS Data for Bayesian Analysis Anjali Gupta, University of Auckland		Saved By The Experimental Design: Testing Bycatch Reduction And Turtle Exclusion Devices In The Png Prawn Trawl Fishery Emma Lawrence, CSIRO		Rethinking Biosecurity Inspections: A Case Study Of The Asian Gypsy Moth (AGM) In Australia Petra Kuhnert, CSIRO					
		Medical Analysis of Melanoma Data with a Mixture of Survival Models Utilising Multi-class DLDA to Inform Mixture Class Sarah Romanes, University of Sydney		Modelling Forecasting Hotspots Of Potentially Preventable Hospitalisations With Spatially Aggregated Longitudinal Health Data: All Subset Model Selection With A Novel Implementation Of Repeated k-Fold Cross-Validation Matthew Tuson, University of Western Australia		Biometrics II A Comparison Of Multiple Imputation Methods For Missing Data In Longitudinal Studies Md Hamdul Huque, Murdoch Childrens Research Institute					
1100	Developing A Regulatory Definition For The Authentication Of Manuka Honey Claire McDonald, Ministry for Primary Industries, NZ		1110	Analysis of Melanoma Data with a Mixture of Survival Models Utilising Multi-class DLDA to Inform Mixture Class Sarah Romanes, University of Sydney		1110	Subtractive Stability Measures For Improved Variable Selection Connor Smith, University of Sydney		1110	Genetic Analysis Of Renal Function In An Isolated Australian Indigenous Community Russell Thomson, Western Sydney University	
Mixed Models For Complex Survey Data Judong Huang, University of Auckland		1120	Identifying Clusters Of Patients With Diabetes Using a Markov Birth-Death Process Mugdha Manda, University of Auckland		1130	Species Distribution Modelling For Combined Data Sources Ian Renner, University of Newcastle		1130	Deconstructing The Innate Immune Component Of A Molecular Network Of The Aging Frontal Cortex Ellis Patrick, University of Sydney		
		Challenges Analysing Combined Agricultural Field Trials With Partially Overlapping Treatments Kerry Bell, Queensland Department of Agriculture and Fisheries		A Factor Analytic Mixed Model Approach For The Analysis Of Genotype By Treatment By Environment Data Lauren Borg, University of Wollongong		The Impact Of Cohort Substance Use Upon Likelihood Of Transitioning Through Stages Of Alcohol And Cannabis Use And Use Disorder: Findings From The Australian National Survey On Mental Health And Well-Being Chrianna Bharat, National Drug and Alcohol Research Centre, Australia					
		Sparse Phenotyping Designs For Early Stage Selection Experiments In Plant Breeding Programs Nicole Cocks, University of Wollongong		Whole-Genome QTL Analysis For Nested Association Mapping Populations Maria Valeria Paccapelo, Queensland Department of Agriculture and Fisheries		An Asymmetric Measure of Population Differentiation Based on the Saddlepoint Approximation Method Louise McMillan, University of Auckland					
1140	Challenges And Opportunities Working As A Consulting Statistician With A Food Science Research Group M. Gabriela Borgagnone, Queensland Department of Agriculture and Fisheries		1150	A Hidden Markov Model For Sleep Stage Detection Using Raw Tri-Axial Wrist Actigraphy Michelle Trevenen, University of Western Australia		1150	The LASSO On Latent Indices For Ordinal Predictors In Regression Francis Hui, ANU		1150	The Parametric Cure Fraction Model of Ovarian Cancer Serifat Folaruso, University of Ibadan, Nigeria	
Robust Semiparametric Inference In Random Effects Models Michael Stewart, University of Sydney		1200	Comparisons Of Two Large Long-Term Studies In Alzheimer's Disease Charley Budgeon, University of Western Australia		1210	Fast And Approximate Exhaustive Variable Selection For GLMs With APES Kevin Wang, University of Sydney		1210	Order Selection Of Factor Analytic Models For Genotype X Environment Interaction Emi Tanaka, University of Sydney		
		A One-Stage Mixed Model Analysis Of Canola Chemistry Trials Daniel Tolhurst, University of Wollongong		Multiple Sample Hypothesis Testing Of The Human Microbiome Through Evolutionary Trees Martina Mincheva, Temple University, USA							
		Individual And Joint Analyses Of Sugarcane Experiments To Select Test Lines Renata Alcarde Sermarini, University of Sao Paulo, Brazil		Lunch (1 hour 10 minutes) AGM							
1200	A Permutation Test For Comparing Predictive Values In Clinical Trials Kouji Yamamoto, Osaka City University		1210	Comparisons Of Two Large Long-Term Studies In Alzheimer's Disease Charley Budgeon, University of Western Australia		1210	Fast And Approximate Exhaustive Variable Selection For GLMs With APES Kevin Wang, University of Sydney		1210	Order Selection Of Factor Analytic Models For Genotype X Environment Interaction Emi Tanaka, University of Sydney	
Lunch (1 hour 10 minutes)		1220	A Semi-Parametric Linear Mixed Models For Longitudinally Measured Fasting Blood Sugar Level Of Adult Diabetic Patients Legesse Kassa Debusho, University of South Africa		1230	Lunch (1 hour 10 minutes) AGM		1230	Lunch (1 hour 10 minutes) AGM		
		Lunch (1 hour 10 minutes)		Lunch (1 hour 10 minutes)		Lunch (1 hour 10 minutes)					
		Lunch (1 hour 10 minutes)		Lunch (1 hour 10 minutes)		Lunch (1 hour 10 minutes)					
1330	A Multi-Step Classifier Addressing Cohort Heterogeneity Improves Performance Of Prognostic Biomarkers In Complex Disease Jean Yang University of Sydney		1250	Lunch (1 hour 10 minutes)		1340	Statistical Strategies for the Analysis of Large And Complex Data Louise Ryan University of Technology Sydney and Harvard T.H. Chan School of Public Health		1340	Statistical Strategies for the Analysis of Large And Complex Data Louise Ryan University of Technology Sydney and Harvard T.H. Chan School of Public Health	
General/Education How To Analyse Five Data Points With Fun Pauline O'Shaughnessy, University of Wollongong		Genetics An Approach To Poisson Mixed Models For -omics Expression Data Irene Zeng, University of Auckland		Genetics An Approach To Poisson Mixed Models For -omics Expression Data Irene Zeng, University of Auckland		1430	Design Optimal Experimental Design for Functional Response Experiments Christopher Drovandi, Queensland University of Technology		1430	Multivariate To PCA Or Not To PCA Catherine McKenzie, AgResearch Ltd.	
		Knowledge-guided Generalized Biclustering Analysis for Integrative -omics Analysis Qi Long, University of Pennsylvania		Knowledge-guided Generalized Biclustering Analysis for Integrative -omics Analysis Qi Long, University of Pennsylvania		New Model-Based Ordination Data Exploration Tools For Microbiome Studies Olivier Thas, Ghent University, Belgium		Bayesian Semi-Parametric Spectral Density Estimation With Applications To The Southern Oscillation Index Claudia Kirch, University of Magdeburg, Germany			
		Citizen Science To Surveillance: Estimating Reporting Probabilities Of Exotic Insect Pests Peter Caley, CSIRO		Citizen Science To Surveillance: Estimating Reporting Probabilities Of Exotic Insect Pests Peter Caley, CSIRO		Comparing Classical Criteria For Selecting Intra-Class Correlated Features For Three-Mode Three-Way Data Lynette Hunt, University of Waikato		Bayesian Hypothesis Tests With Diffuse Priors: Can We Have Our Cake And Eat It Too? John Ormerod, University of Sydney			
Afternoon tea (30 minutes)		Environmental Statistics Estimating Nitrous Oxide Emission Factors Alasdair Noble, AgResearch Ltd.		Environmental Statistics Estimating Nitrous Oxide Emission Factors Alasdair Noble, AgResearch Ltd.		1530	Agriculture/Horticulture Exploring the social relationships of dairy goats Vanessa Cave, AgResearch Ltd.		1530	Bayesian Statistics Bayesian Semi-Parametric Spectral Density Estimation With Applications To The Southern Oscillation Index Claudia Kirch, University of Magdeburg, Germany	
		Computing/Big Data Introduction To "Deltagen" - A Comprehensive Decision Support Tool For Plant Breeders Using R And shiny Dongwen Luo, AgResearch Ltd.		Computing/Big Data Introduction To "Deltagen" - A Comprehensive Decision Support Tool For Plant Breeders Using R And shiny Dongwen Luo, AgResearch Ltd.		Efficient Multivariate Sensitivity Analysis Of Agricultural Simulators Daniel Gladish, CSIRO		Bayesian Hypothesis Tests With Diffuse Priors: Can We Have Our Cake And Eat It Too? John Ormerod, University of Sydney			
		Lightning Talks followed by Poster Session Kindly Sponsored by the Grains Research and Development Council		Lightning Talks followed by Poster Session Kindly Sponsored by the Grains Research and Development Council		Lightning Talks followed by Poster Session Kindly Sponsored by the Grains Research and Development Council		Lightning Talks followed by Poster Session Kindly Sponsored by the Grains Research and Development Council			