

**The Joint International Society for Clinical Biostatistics and Australian Statistical Conference 2018
Melbourne Convention and Exhibition Centre**

**Poster listing: 27 - 30 August
Main Foyer 3**

Poster number	Presenter	Poster Pitch Time	Title
P1*	Thomas Jaki	13:33	IDEAS: Improving Design, Evaluation and Analysis of early drug development Studies
P2*	Ikuko Funatogawa	13:37	Approach Using Profile-Likelihood-Based Confidence Intervals to the Two Sample Problem in Ordered Categorical Data
P3*	Jessica Kasza	13:41	Estimating variance components for multiple-period cluster randomised trials when within-cluster correlation structure is misspecified
P4*	Kosuke Kashiwabara	13:45	Point and interval estimation in an efficient adaptive design of flexible sample size determination
P5*	Yuriko Mitsui	13:49	Bayesian Phase I/II Cancer Clinical Trials Using the Tumor Growth Inhibition Model with Combination Drugs
P6*	Yasuyuki Okuda	13:53	Bayesian predictive approach for decision-making in clinical trials
P7*	Yujin Lee	13:57	Adjusting for losses due to mortality in longitudinal studies of older adults; comparison of methods using data from the HYVET trial
P8*	Yun Li	14:01	Q-Learning for estimating optimal dynamic treatment regimes from ordinal outcomes
P9	Nazneen Shariff		statistical methods to analyse ordinal categorical data arising from the clinical trial of drugs from the pharmaceutical industry
P10	Satoshi Teramukai		Bayesian basket designs with borrowing information across strata based on similarity between posterior distributions of response probability
P11	Joanne Enticott		Taking recovery-oriented practice to a large urban area in Melbourne: a step-wedge cluster randomised trial called PULSAR
P12	Pankaj Mistry		The use of Multi-arm, multi-stage trial designs in lung cancer.
P13	Dipesh Mistry		Patient and proxy quality of life measurement in a randomised controlled trial of patients with dementia
P14	Lehana Thabane		Results of a 2015 survey of the views of SCT and ISCB members on interim data sharing by DSMBs: what to share, with whom, and why?
P15	Anne Glass		ROC- and discriminant analyses to support a fully automated in vivo assessment of oral epithelial dysplasia
P16	Junichi Asano		An evaluation and modification of Simon's basket design in oncology
P17	Andrew Vincent		Selective accrual using Kullback-Leibler divergence increases power in matched-mismatched interaction studies.
P18	Eisuke Hida		One approach to the assurance of assay sensitivity in non-inferiority trials with network meta-analysis.
P19	Yusuke Yamaguchi		Sample size of Japanese subjects in multiregional dose finding study with MCP-Mod procedure
P20*	Thomas Debray	14:05	On the aggregation of historical prognostic scores for causal inference
P21*	Thunyarat Anothaisintawee	14:09	The relationship among morningness-eveningness, sleep duration, social jet lag and body mass index in patients with prediabetes: A mediation analysis
P22	Alison Gibberd		Using family studies to understand multi-generational causes of low birthweight among Australian Aboriginal infants

**Poster Pitch (Brief Oral) Presentations: all presentations will be on Monday 27 August in Main Foyer 3 of the MCEC.*

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Poster number	Presenter	Poster Pitch Time	Title
P23*	Sasivimol Rattanasiri	14:17	Periodontitis of the risk factor of chronic kidney disease: Mediation analysis
P24*	Tim Watkins	14:21	Improving health-related research by making causal inference easier
P25*	Xenia Dolja-Gore	14:25	The Use of propensity score matching to assess the effect of health assessments on physical functioning and mortality for women aged 75 years and older.
P26*	Md Jamal Uddin	14:29	Applicability and Validity of Cox Proportional Hazard Model in Mendelian Randomization Studies
P27*	Sada Nand Dwivedi	14:33	Comparison of Hazard Models for Loco-Regional Recurrence in Presence of Competing Risks among Breast Cancer Patients
P28*	Kota Ono	14:37	Pointwise confidence interval for the difference of survival proportions with small samples or censoring using effective sample size
P29*	Kirsi Manz	14:41	Time-to-event analysis of adverse events data: Comparison of methods
P30*	Jesca Batidzirai	14:45	A Discrete Time Survival Analysis of Relapse in Cancer Patients
P31*	Maarten Coemans	14:49	Flexible modelling of time-dependent effects in the Cox model: a cohort study on the improvement of kidney transplantation in Europe
P32*	Silvia Panunzi	14:53	Modelling survival probability in transplanted patients using a longitudinal eGFR biomarker.
P33	Michael Crowther		Parametric multi-state survival analysis: New developments
P34	Aleksander Owczarek		Osteoprotegerin and flexible parametric models in stroke patients's mortality assessment
P35	Jun Ma		On maximum likelihood estimation of semi-parametric Cox model with time varying covariates
P36	Chi-Chung Wen		Robust Likelihood Analysis of Current Count and Current Status Data
P37	Sook Young Woo		Cutoff value determination method for a time dependent covariate
P38	Amir Teimourpour		Bayesian Approach to parametric survival regression model for double censored data with the cure fraction and it's application to estimating the age of starting the smoking hookah
P39	Jung Im Shim		A Competing Risk Analysis To Compare Two Treatment Modalities For Prostate Cancer Patients in Korea: Using Nationwide Population Data 2007-2009
P40*	Guilherme Franco	15:33	An exploration of methods for individual patient data meta-analysis with application to return to continence data
P41*	Margaret Donald	15:37	Graphical models are a useful tool for understanding missing data patterns
P42*	Stella Gwini	15:41	Application of diagggregated within- and between-subject effects in linear mixed models with time-varying covariates
P43*	Tomoyoshi Hatayama	15:45	Central Statistical Monitoring using Bayesian Finite Mixture Models in Risk-based Monitoring
P44*	Satoru Shinoda	15:49	Hybrid measure of asymmetry using collapsed square tables: application to clinical data

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P45*	Kouji Yamamoto	15:53	New test statistics in diagnostic studies with multiple endpoints
P46*	Caroline Mugo	15:57	Modelling outcomes of first line antiretroviral therapy among HIV/AIDS patients in Kenya.
P47*	Olalekan Obisesan	16:01	Geometric model for evaluating the fertile window
P48*	Michael Lauseker	16:05	Joint models for longitudinal blood parameters and time-to-event data: An application in myelodysplastic syndromes
P49*	Masoumeh Sanagou	16:09	An investigation of the association between CT scan characteristics and patient dose in routine CT practice in Australia
P50*	Pascal Roy	16:13	Application of generalized pairwise comparisons (GPC) on N of 1 trials with patient defined thresholds
P51*	Irantzu Barrio	16:17	Correcting for the optimistic estimation of the AUC: comparison of different approaches
P52	Solomon Woldeyohannes		Application of Bayesian latent class analysis for assessing the accuracy of pre-vaccination screening tests for Q fever and determination of the extent of prior exposure
P53	Clemence Leyrat		Are marginal structural models appropriately used and reported in the medical literature? A systematic review.
P54	Minjoo Kang		Factor analysis of adherence to the secondary screening in National Colorectal Cancer Screening Program
P55	Sifat Sharmin		Predicting all-cause 30-day unplanned readmission: a two-level logistic regression model with random effects
P56	Saira Sanjida		The effect of psychological interventions on anxiety in cancer patients: Meta-analyses of randomised controlled trial
P57	Anne Glass		A general linear model to compare tumor volume data generated by different measurement techniques
P58	Won Sun Chen		Mobile application to assist clinicians in assessing trauma outcomes in emergency environments
P59	Stanislav Katina		Improving longitudinal volumetric measurements of cerebral structures of patients with Alzheimer's disease by magnetic resonance denoising
P60	Rodrigue Allodji		Simulation-extrapolation method to address errors in atomic bomb survivor dosimetry on solid cancer and leukaemia mortality risk estimates, 1950-2003
P61	Andrew Vincent		Modelling tumor cell distributions to improve biomarker discovery in immunohistochemistry stained tissue.
P62	Zhixin Liu		Choice of models for analysis of zero modified data -from practical consultation perspective
P63	Alice Richardson		Weighting of orthostatic intolerance time measurements with standing difficulty score stratifies ME/CFS symptom severity
P64	Ammarin Thakkinstian		Prehospital prediction scores of death and severe injury for road traffic injuries
P65	Irantzu Barrio		Evaluating the discriminative ability of a beta-binomial regression model to predict anxiety and depression in patients with eating disorders
P66	Diana Zannino		Are two ventricles better than one in the Fontan circulation? Assessing the value of propensity score matching methods compared to conventional methods for dealing with covariate imbalance.

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P67*	Dewi Retno Sari Saputro	16:21	Spatio-Temporal Patterns of Dengue Hemorrhagic Fever (DHF) Cases With Local Indicator of SPatial Assosiation (LISA) and Cluster Map at Areas Risk in Java-Bali Indonesia, 2016
P68*	Ying Chen	16:25	Using marginal standardization to estimate relative risk without dichotomizing continuous outcomes
P69*	Susanna Cramb	16:29	The Australian Cancer Atlas: Models and Messages
P70*	Lan Kelly	16:33	The Risk of Chronic Obstructive Pulmonary Disease with Cumulative Exposure to Paracetamol
P71*	Taemi Youk	16:37	The Effect of Low-dose Radiation Exposure on the cancer incidence from nationwide cohort data in South Korea (2002-2013)
P72*	Katrina Scurrah	16:41	Twins' elevated risk of poorer educational outcomes is mediated by gestational age
P73	Munehika Misumi		Analysis of colorectal cancer risks in the atomic bomb survivor cohort allowing for correlated competing events
P74	Karen Lamb		Methods for addressing neighbourhood self-selection in studies of neighbourhood effects on health: a systematic review
P75	Qiang Li		Calculating the confidence interval for absolute risk reduction for trials where annual event rate is used to estimate the outcome of interest
P76	Christopher Davies		ANZDATA Individual Hospital Reporting Methodology Changes
P77	Katrina Scurrah		Genetic and environmental determinants of hypomineralised second primary molars: a prospective twin study
P78	Maedeh Amini		Analysis of years lived with disability trends due to Alzheimer's disease and other dementias in Asian and North African countries using latent growth mixture modeling: Crucial findings from the global burden of disease 2015 study
P79	Jemisha Apajee		Calculating prescription duration using the waiting time distribution with administrative health claims data
P80*	Emi Tanaka	16:45	Don't be so negative about negative estimates of variance components
P81*	Adrian Barnett	16:49	An empirical study of how p-values are interpreted in US court of appeal cases
P82	Niel Hens		Generalized estimating equations: the impact of subjects that are successful by default
P83	Boncho Ku		Penalized Estimation of the Optimal Number of Harmonics in the Linear Mixed Effects Model for Circadian Rhythms
P84	Hwan-Jin Yoon		A Comparison of Marginal and Conditional Regression Models for Correlated Binary data
P85	Naser mohammad gholi mezerji		Comparing the Linear, Poisson and Beta regression in modeling proportions
P86	Manzoor Khan		Quantification and Estimation of Regression to the Mean Effects under the Bivariate Poisson Distribution
P87	Tamae Kawasaki		Likelihood ratio tests for sub-mean vectors with two-step monotone missing data in two-sample problem
P88	Christeen Wijethunga		Confidence intervals centered on bootstrap smoothed estimators

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P89	Rheanna Mainzer		The effect of a preliminary Hausman test on confidence intervals
P90	Thomas Fung		Quantile function expansion using regularly varying functions
P91	Nicholas Husek		New Methods for Data Editing
P92	Rachel Barker		Application of Conditional Selection Methods to two-stage selection processes
P93	Sada Nand Dwivedi		Comparisons of Regimens under Neoadjuvant Chemotherapy of the treatment of Breast Cancer Patients: Network Meta-analysis
P94	Hisashi Noma		Bartlett correction for multivariate meta-analysis and meta-regression
P95	Kazue Yamaoka		Multivariate network meta-analysis of multiple outcomes and multiple treatments for type 2 diabetes by consistency and inconsistency models
P96	Maxwell Cairns		Another look at describing heterogeneity in meta-analyses
P97	Hao Zhang		The usefulness of prediction intervals in interpreting single-study effect estimates in Meta-analyses
P98	Attila Csala		Multi-block sparse redundancy analysis for high dimensional omics data
P99	Eva-Maria Huessler		Detecting binding sites in PAR-CLIP data using a Bayesian hierarchical model
P100	Takeshi Otowa		Genome-wide gene-environment study of depression in Japanese employees
P101	Ramzi El Feghali		Pathways involved in isolated hypertension and early atherosclerosis development
P102	Sevilay Karahan		Clustering Psychotic Disorders by Using Kohonen Self Organizing Maps
P103	Stanislav Katina		Functional analysis of patient's health condition after TKR and its development throughout time
P104	Eun Jin Jang		Bayesian hierarchical model for discrete ordinal category data using the stochastic ordering technique to obtain the proper ROC curve
P105	Vuong Nguyen		A Probabilistic Forecast of 12 Month Visual Outcomes in Patients with Neo-vascular Age-Related Macular Degeneration
P106	Asanao Shimokawa		Statistical construction of a decision tree
P107	jean-michel nguyen		Forest of perfect trees
P108	Brett Andrijich		Using Segmentation to Drive Customer Sales and Retention
P109	Vineet Kumar Kamal		A comparison of the modern machine learning methods for prognostication of patients with traumatic brain injury

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