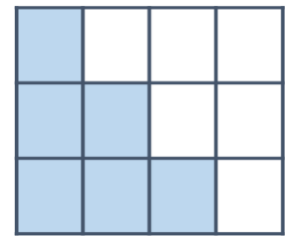


# Third International Conference on Stepped Wedge Trial Design

Online Conference, University of York

## Programme for Monday 22<sup>nd</sup> March 2021

11:00 - 11:15	Welcome	<i>Mona Kanaan, Ada Keding</i>
11:15 - 12:00	Keynote Address "The stepped wedge design: Has the confounded beast been tamed?"	<i>Andrew Forbes (Monash University)</i>
12:00 - 12:20	Inference for the treatment effect in longitudinal cluster randomized trials when treatment effect heterogeneity is ignored	<i>Rhys Bowden (Monash University)</i>
12:20 - 12:40	An evaluation of covariate constrained randomisation for stepped-wedge cluster randomised trials	<i>Caroline Kristunas (University of Birmingham)</i>
12:40 - 13:00	Optimal stepped-wedge cluster randomised trial designs for non-uniform correlation structures	<i>Michael Grayling (Newcastle University)</i>
13:00 - 14:00	Break	
14:00 - 14:05	Welcome Back	<i>Mona Kanaan, Ada Keding</i>
14:05 - 14:25	Sample Size Calculation for Stepped-Wedge Designs with Discrete Outcomes	<i>Fan Xia (University of Washington)</i>
14:25 - 14:45	Sample Size Calculation for Cross-Sectional Stepped-Wedge Cluster Randomized Trials with Variable Cluster Sizes	<i>Linda Harrison (Harvard TH Chan School of Public Health)</i>
14:45 - 15:05	Sample Size Calculation for Stepped Wedge Cluster Randomized Trials with Multiple Levels of Clustering	<i>Kendra Plourde (Yale University)</i>
15:05 - 16:00	Poster Session	<ul style="list-style-type: none"> <li>• The TB-SPEED Pneumonia study – Efficiency of a repeated cross-sectional stepped wedge design with variability of inclusions across clusters and time-periods (<i>Helene Font - University of Bordeaux</i>)</li> <li>• Methodological review of evidence of risk of bias in stepped wedge randomised trials (<i>Jenny Roche - University of York</i>)</li> <li>• Stepped wedge cluster randomized controlled trial with continuous recruitment sampling and binary outcome: Statistical implications of departures from protocol-defined design aspects (<i>Christine Adrion - University of Munich</i>)</li> </ul>



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## Programme for Tuesday 23<sup>rd</sup> March 2021

10:00 - 10:15	Welcome	<i>Mona Kanaan, Ada Keding</i>
10:15 - 11:00	When is a Stepped-Wedge Cluster Randomized Trial a Good Study Design Choice?	<i>Karla Hemming &amp; Monica Taljaard (University of Birmingham)</i>
11:00 - 11:20	The batched stepped wedge design	<i>Jessica Kasza (Monash University)</i>
11:20 - 11:40	Optimal and highly efficient Stepped Wedge Designs when clusters vary in size	<i>John Matthews (Newcastle University)</i>
11:40 - 12:00	Break	
12:00 - 12:20	A multi-dimensional incomplete stepped-wedge cluster randomised trial: Strengths and limitations of use in assessing the impact of standards-based audit in Malawi	<i>Sarah White (Liverpool School of Tropical Medicine)</i>
12:20 - 12:40	Design considerations for a stepped wedge cluster randomised trial of a service delivery intervention in a primary care mental health service with variable treatment duration	<i>Polly Ashford (Norwich CTU), Clare Knight (University of Cambridge)</i>
12:40 - 13:00	Surgical patient's safety checklists (PASC) – a feasibility study of a stepped wedge cluster randomised controlled trial	<i>Kristin Harris (MCCN)</i>
13:00 - 14:00	Break	
14:00 - 14:05	Welcome back	<i>Mona Kanaan, Ada Keding</i>
14:05 - 14:25	Generalised estimating equations with a binary outcome: Assessing choice of working correlation matrix	<i>Jennifer Thompson (London School of Hygiene and Tropical Medicine)</i>
14:25 - 14:45	Novel Methods for the Analysis of Stepped Wedge Cluster Randomized Trials	<i>Lee Kennedy-Shaffer (Vassar College)</i>
14:45 - 15:05	Marginal Modeling of Cluster-Period Means and Intraclass Correlations in Stepped Wedge Designs with Binary Outcomes	<i>Fan Li (Yale University)</i>
15:05 - 15:30	Plenary & Evaluation	<i>Mona Kanaan, Ada Keding, David Torgerson, Noreen Mdege, Monica Taljaard, Richard Hooper, Jim Hughes</i>