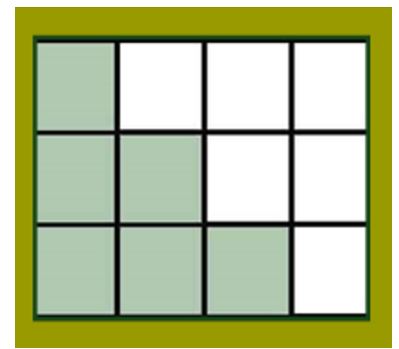


Fourth International Conference on Stepped Wedge Trial Design

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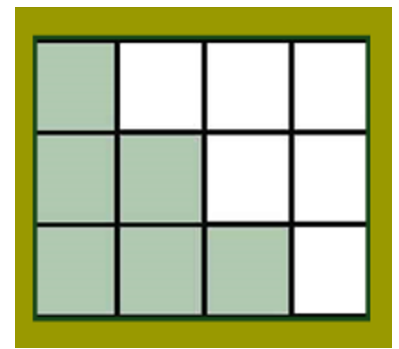


Programme for Monday 13th May 2024

| | | |
|---------------|---|---|
| 15:30 - 15:45 | Welcome | <i>Mona Kanaan, Charlie Welch</i> |
| 15:45 - 16:30 | Untested geometries: what's around the corner for the stepped wedge? | <i>Richard Hooper (Queen Mary University of London)</i> |
| 16:30 - 16:50 | Sample Size Calculations for Stepped Wedge Designs with Time-Varying Treatment Effects | <i>James Hughes (University of Washington)</i> |
| 16:50 - 17:30 | Break/Networking | |
| 17:30 - 17:50 | Bias under temporal effect misspecification in cluster randomised trials with staggered intervention implementation | <i>Yixin Wang (University of Birmingham)</i> |
| 17:50 - 18:10 | Efficient Design-based Inference for the Stepped Wedge Design | <i>Fan Xia (University of California, San Francisco)</i> |
| 18:10 - 18:30 | Tales of the Unexpected: Challenges in the EVADE SVT study. A pre-hospital emergency medicine stepped wedge cluster randomised controlled trial | <i>Andrew Appelboam (Royal Devon University Healthcare NHS)</i> |
| 18:30-18:45 | Wrap-up | <i>Mona Kanaan and Charlie Welch</i> |

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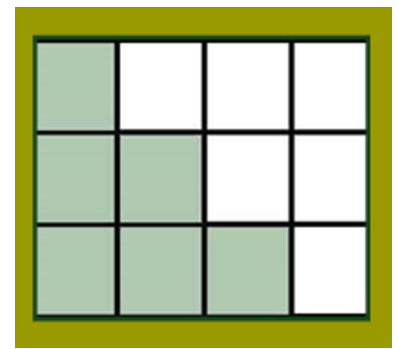


Programme for Tuesday 14th May 2024

| | | |
|---------------|---|--|
| 11:05 - 11:20 | Welcome | <i>Noreen Mdege, Ada Keding</i> |
| 11:20 - 11:40 | Designing a stepped wedge trial for school-based physical activity interventions | <i>Ruth Salway (University of Bristol)</i> |
| 11:40 - 12:00 | Stepped wedge diagrams and design features of published stepped wedge trials: is there room for improvement? | <i>Richard Parker (University of Edinburgh)</i> |
| 12:00 - 12:45 | Poster Session | <ul style="list-style-type: none"> • The role of recruitment bias in stepped-wedge cluster randomised controlled trials: systematic review (<i>Antonina Yakimova</i>) • Inclusion of stepped wedge trials in meta-analysis: initial findings from a simulation study (<i>Joseph Santos</i>) • Pragmatic randomized controlled trial of the Mind Management Skills for Life Programme as an intervention for occupational burnout in mental healthcare professionals (<i>Victoria Laker</i>) |
| 12:45 - 13:20 | Lunch Break | |
| 13:20 - 13:40 | CRADLE-5: a stepped-wedge type 2 hybrid implementation-effectiveness cluster randomised controlled trial to evaluate the real-world scale-up of the CRADLE Vital Signs Alert intervention into routine maternity care in Sierra Leone | <i>Alexandra Ridout (King's College London)</i> |
| 13:40 - 14:00 | Application of step-wedge design in the roll out of routine ctDNA testing for lung cancer: a pragmatic solution | <i>Muhammad Riaz (Cardiff University)</i> |
| 14:00-14:15 | Wrap-up | <i>Noreen Medge and Ada Keding</i> |

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Programme for Wednesday 15th May 2024

| | | |
|---------------|---|---|
| 8:00 - 8:15 | Welcome | <i>Ada Keding, Noreen Mdege</i> |
| 8:15 - 9:00 | The correlation manifesto: the importance of correlation structure in the design and analysis of stepped wedge trials | <i>Jessica Kasza (Monash University)</i> |
| 9:00 - 9:20 | Exploring incomplete stepped wedge designs: Balanced versus imbalanced staircase designs | <i>Kelsey Grantham (Monash University)</i> |
| 9:20 - 9:40 | Estimation of treatment effects in staircase designs: a simulation study | <i>Ehsan Rezaei-Darzi (Monash University)</i> |
| 9:40 - 10:00 | More can be less with OLS: Some surprising results with independence working correlation in stepped wedge trials | <i>Andrew Forbes (Monash University)</i> |
| 10:00 - 10:20 | Space and time in stepped wedge designs: accounting for contamination and spatial correlation in the design of stepped wedge trials | <i>Rhys Bowden (Monash University)</i> |
| 10:20 - 12:00 | Break/Networking | <i>Mona Kanaan, Charlie Welch</i> |
| 12:00 - 12:20 | Designing stepped wedge cluster randomized trials with a baseline measurement of the outcome | <i>Kendra Plourde (Yale School of Public Health)</i> |
| 12:20 - 12:40 | Model-assisted analysis of covariance estimators for stepped wedge cluster randomized trials | <i>Fan Li (Yale University)</i> |
| 12:40 - 13:00 | A generalized difference-in-differences estimator for stepped wedge cluster randomized trials | <i>Lee Kennedy-Shaffer (Vassar College)</i> |
| 13:00 - 13:20 | The use of stepped wedge cluster randomized trial design with nested studies to evaluate impact of implementing the World Health Organization's Antenatal Care guidelines | <i>Soe Soe Thwin (World Health Organisation)</i> |
| 13:20 - 13:50 | Plenary and Evaluation | <i>Ada Keding, Mona Kanaan, Noreen Mdege, Charlie Welch</i> |