

Graduate School Seminar Series



From Evaluation to Optimization of Biomarker Use: Maximizing the Benefits of Colorectal Screening Using a Meta-Model



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When assessing new tests and biomarkers in clinical trials is costly and time consuming, model-based analysis may be valuable to assess (cost-)effectiveness and budget impact. When the timing of tests can be varied, model-based evaluation of only a limited number of timing strategies is suboptimal. However, evaluation of all possible strategies is often computationally infeasible. This presentation will illustrate the advantages of using a meta-model to optimize test timing, in a case study on screening for colorectal cancer including colonoscopy capacity constraints.

Dr. Erik Koffijberg is Associate Professor at the Department of Health Technology & Services Research, and Deputy Director of the Personalized Medicine & HTA programme, at the University of Twente. He contributes to the field of Health Technology Assessment through the development of new methods and tools for impact assessment of tests. He is member of the ISPOR Value of Information taskforce, of the Dutch Rational Use of Medicines review committee, and board.

(the venue may change due to impending building works, please check closer to the time at <https://blogs.unimelb.edu.au/sph-events/category/event-type/seminar/>)

Wednesday 28 November

12.30 - 1.30 pm, Seminar Room 515

Melbourne School of Population and Global Health

Level 5, 207 Bouverie Street, Carlton

ALL WELCOME

(Please feel free to bring your lunch)