Methodological challenges in research on physical-mental health multimorbidity

Monday 7 February 2022 | 9.30 to 13.00

Programme

Time	Item	Speakers
9.15	Platform opens for attendees to log in	
9.30	Welcome & overview	Bruce Guthrie The University of Edinburgh
	Session 1 – Measuring multimorbidity	
9.50	Talk 1: Variation in the definition and measurement of multimorbidity in research	Iris Ho The University of Edinburgh
10.00	Talk 2: How to operationalize physical and mental health conditions using routine records	Regina Prigge The University of Edinburgh
10.10	Talk 3: How to efficiently harmonise data across different birth cohorts for multimorbidity research	Jorge Arias de la Torre King's College London
10.20	Questions and discussion	
10.40	**Break**	
10.55	Talk 4: Defining depression in health datasets	Kelly Fleetwood The University of Edinburgh
11.05	Talk 5: Pooled cohort data: challenges and remedies to temporal variability in depression measurements and its consequence for multimorbidity trajectory	Alexandru Dregan King's College London
11.15	Questions and discussion	
	Session 2 – Methods for clustering and trajectories	
11.30	Talk 6: A comparison of methods for identifying multimorbidity patterns	Amy Ronaldson King's College London
11.40	Talk 7: Modelling trajectories of disease in multimorbidity for the population of Wales	Rhiannon Owen Swansea University
11.50	Talk 8: On clustering of multiple long term conditions: what can we do more with machine learning?	Sohan Seth The University of Edinburgh
12.00	Questions and discussion	
12.20	**Break**	
12.30	Chaired panel discussion	Chair: Caroline Jackson The University of Edinburgh Panel: Alexandru Dregan Bruce Guthrie Rhiannon Owen
12.50	Closing remarks	Bruce Guthrie
13.00	Close	