



## Health Risk Prediction: Methodology and Applications

Thursday 18 July, 9:00-13:00, Nowgen Centre, M13 9WU

This interactive workshop is an opportunity to learn more about the use of statistical and machine learning methods to predict health risks and outcomes. Learning outcomes include:

- Approaches for analysing electronic health record data;
- Validation and reporting of clinical prediction models;
- Statistical and AI/machine learning models for risk and outcome prediction.

### Event programme

<b>09.00-09.10</b>	Professor Ian Bruce - Welcome and BRC Update
<b>09.10-09.15</b>	Professor Niels Peek - Programme for today
<b>09.15-09.25</b>	Professor George Moulton - BRC Training and Capacity Building Update
<b>09.25-09.45</b>	Professor Gareth Evans - Risk stratification for breast and potentially other cancers
<b>09.45-10.00</b>	Dr Glen Martin - Validation and reporting of clinical prediction models
<b>10.00-10.15</b>	Dr Matthew Sperrin - Prediction and causal inference
<b>10.15-10.30</b>	Professor Niels Peek - Artificial Intelligence and Machine Learning
<b>10.30-10.45</b>	Short presentations by early career researchers on methodology and applications of clinical prediction modelling
<b>10.45-11.15</b>	Break
<b>11.15-12.30</b>	Breakout sessions and feedback: <ul style="list-style-type: none"> <li>• Using electronic health record data</li> <li>• Using longitudinal data</li> <li>• Validating prediction models</li> <li>• Machine Learning and Artificial Intelligence</li> </ul>
<b>12.30-13.00</b>	Lunch

Register via [BRCprediction19.eventbrite.co.uk](https://www.eventbrite.co.uk/e/brc-prediction-19) | Contact: jane.crosbie@manchester.ac.uk  
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