Prof. Angela WOOD, UK

Angela Wood is Professor of Biostatistics and Health Data Science at the Department of Public Health and Primary Care, University of Cambridge. She currently holds a National Institute of Health and Care Research Professorship on the primary prevention of multiple chronic diseases.

Angela's research focuses on the frontiers of big data and epidemiology, underpinned by major population resources and informed by health-related questions of global importance. She has developed innovative statistical methods and applied them in the analysis of large, complex datasets, such as NHS England electronic health records of 57 million individuals, providing new insights into cardiovascular diseases. She is an expert in the statistical methods for handling of missing data, risk prediction, longitudinal data and joint modelling, measurement error and meta-analysis. She has developed and nurtured interdisciplinary, multi-institutional collaborations, including with patient and public groups, to generate high-quality and translational research findings.

Angela has key leadership roles for major data-driven initiatives at Cambridge University, including co-Lead of the Data Science and Population Health theme of the National Institute of Health and Care Research Cambridge Biomedical Research Centre, programme leader in the National Institute of Health and Care Research Blood and Transplant Research Unit in Donor Health and Behaviour and theme Lead of the Applied Health Research theme of the British Heart Foundation Cambridge Centre of Research Excellence. Nationally, she serves as co-Lead of the Big Data for Complex Disease Driver Programme at Health Data Research UK, Associate Director and Whole-Population theme Lead for the British Heart Foundation Data Science Centre, a Turing Fellow at the Alan Turing Institute and a Steering Group Member of the European Society of Cardiology Cardiovascular Risk Collaboration Unit