

Co-sponsored by The Dissemination and Implementation Research Core of CIRA

3-Day Methods Training Workshop
“Introducing the basics of causal data analysis with
Coincidence Analysis (CNA) for implementation research”



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Professor at the Department of Philosophy of the University of Bergen and part of the Toppforsk-Programme

Tuesday, Sept 26 to Thursday, Sept. 28, 2023
8:30 AM – 1 PM EST

In person only

Reserve your spot for a 3-day Workshop

Limited to 25 participants

Location: LEPH 103 Boxed Lunch will be served

Methods Training Workshop Description:

This workshop offers a concise introduction to the basics of causal data analysis and modeling with Coincidence Analysis (CNA), a new method that has seen a significant uptick in Public Health applications in recent years. In contrast to more standard methods, which primarily quantify effect sizes, CNA belongs to the family of configurational comparative methods, which are designed to group causal influence factors conjunctively (i.e., in complex bundles) and disjunctively (i.e., on alternative pathways). CNA is firmly rooted in a so-called regularity theory of causation, and it is the only method of its kind that can process data generated by causal chains. Participants of this workshop will be introduced to the theoretical foundations of CNA as well as the nuts and bolts of configurational causal modeling. Using data examples from various areas of the health sciences, it will be demonstrated how to make the most of current CNA software, which is freely available on the R platform for statistical computing. For more information on CNA see [here](#).

Instructor BIO

Michael Baumgartner is a professor of Philosophy of Science at the University of Bergen, Norway, where he leads a research group on causal data analysis and modeling. He developed the configurational comparative method of Coincidence Analysis (CNA) and has published widely on theories of causation, causal reasoning, and data analysis with different methods. Moreover, he has worked on mechanistic constitution, the extension of cognitive processes, interventionism, determinism, and logical formalization; and he is a co-developer of various CNA software libraries.