

TALK

USING MICRO DATA FOR RESEARCH: INSIGHTS FROM THE AUSTRIAN MICRO DATA CENTER

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ABSTRACT

Learning objective: The aim of this presentation is to introduce the Austrian Micro Data Center (AMDC), a cutting-edge infrastructure that provides access to administrative and register data for a wide range of research projects across various fields. Attendees will gain a comprehensive understanding of the types of micro data available, the data protection measures in place, and how these data sets can be utilized in scientific research.

Background: The AMDC is a research facility operated by Statistics Austria, designed to facilitate research using micro data while ensuring strict adherence to data protection regulations. This facility enables researchers to access valuable data, such as administrative and register data, to explore complex questions across disciplines like economics, sociology, health sciences, and more. The presentation will provide an overview of the data available through the AMDC, its relevance to various fields of study, and the process of initiating research projects using these data.

Methods: In addition to discussing the available datasets, the presentation will outline the step-by-step process of starting a project at the AMDC. This includes the application process, the data access protocols, and the necessary compliance with legal and ethical standards. Special attention will be given to how researchers can combine micro data with other datasets, such as survey data, to enhance their studies.

Conclusion: Research using micro data provides new perspectives, particularly in behavioral studies, by enabling the analysis of variable changes over time. The ability to link administrative and register data with survey data offers researchers a unique opportunity to gain deeper insights and support more comprehensive studies. This presentation will highlight how the AMDC serves as a powerful resource for advancing scientific knowledge while maintaining rigorous data privacy standards.