

Einladung zum Biometrischen Kolloquium

Wiener Biometrische Sektion
der Internationalen Biometrischen Gesellschaft
Region Österreich – Schweiz



MALGORZATA BOGDAN

University of Wroclaw

IDENTIFYING GENETIC FACTORS INFLUENCING IMPORTANT PATIENTS CHARACTERISTICS

22. September 2016, 15:00 Uhr

Informatikbibliothek (88.03.806)

Zentrum für Medizinische Statistik, Informatik und Intelligente Systeme (CeMSIIS)

Medizinische Universität Wien, Spitalgasse 23, 1090 Wien

(Plan: <http://www.muw.ac.at/cemsiis/allgemeines/anschrift/>)

Abstract:

Information about genetic background can be used to select the therapy optimal for a given patient. Also, proper consideration of genetic background can increase the power of detection of treatment effects. However, identification of important genetic predictors based on high dimensional genomic data raises many statistical concerns. In this talk we will present several methods of high dimensional model selection, partially developed in collaboration with researchers from the Medical University of Vienna. We will consider both theoretical properties of these methods as well as their performance in the context of identifying influential genes and prediction of patient's response to the treatment.

Wiener Biometrische Sektion
<http://www.meduniwien.ac.at/wbs/>

Vorstand

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