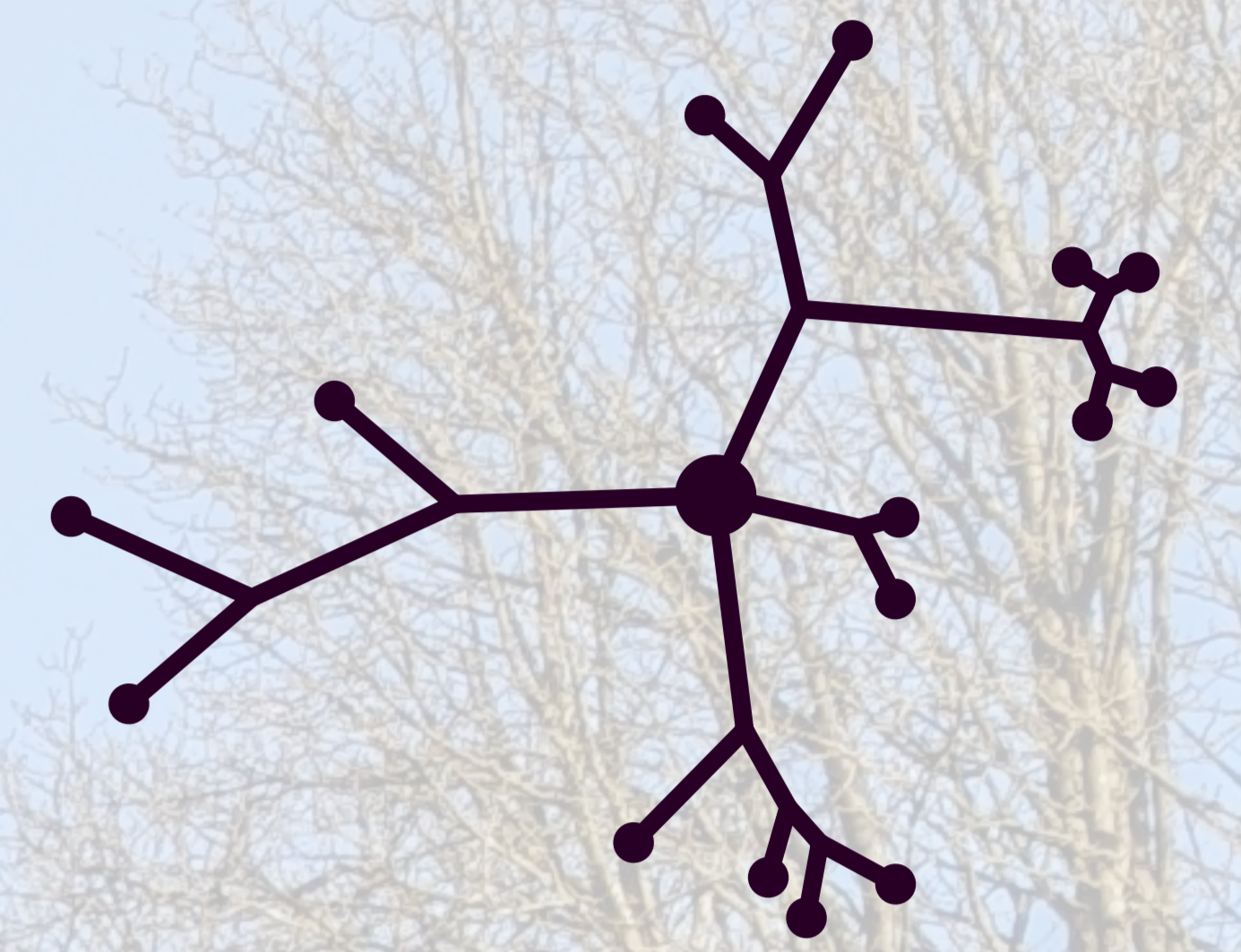


CRC 1310 Workshop Week

December 12th – 15th 2022; 13⁰⁰ – 17⁰⁰ each day at the University of Cologne



Registration is open to all members of groups within the CRC 1310 until November 28th.



Machine Learning

12.12. and 13.12. Dr. Jan Großbach and Dr. Katarzyna Bozek

Machine learning (ML) is a powerful tool to discover unseen relationships between variables and to predict outcomes of interest. We will give an introduction to the topic and present different ML methods with the help of example data sets. This event is targeted towards participants without extensive knowledge about statistical modelling or machine learning. You will learn how a selection of ML techniques work, what pitfalls to look out for, and how to critically assess the performance of the models you built.

Null Models and Testing

14.12. and 15.12. Dr. Gerrit Ansmann

Hypothesis tests are a widespread statistical tool, not only in experimental but also in simulation studies. I will give an application-oriented introduction with hands-on computational examples. It doesn't matter if you had no previous exposure to the topic, want to approach it from a different angle, or just want to deepen your understanding. You will learn how to use existing tests, simulate your own null models, and critically interpret tests used by others.