Cognitive-Affective Map (CAM) Tools Workshop - A introductory workshop by Julius Fenn (PhD candidate in the Cognition, Action, and Sustainability department Freiburg)

Table of Contents introductory workshop in R / R Studio

- Part 1:
    - CAMs overview
    - Motivating Graph Theory (network analysis)
        - Introduction to random graphs to motivate the data generation process of CAMs
    - Related literature to CAMs
        - Mental models
        - Semantic networks
        - Fuzzy Networks
- Part 2:
    - CAMs
        - Recap: existing literature
        - Coherence theory and HOTCO model of the philosopher Paul Thagard
        - CAM study designs and resulting network toplogies
- Part 3:
    - Developed CAM tools
        - Data collection - Cognitive-Affective Map Extended Logic (C.A.M.E.L.): C.A.M.E.L
        - Data analysis - CAM-App
        - Set up studies – dashboard + programming studies on scratch using JATOS
- Part 4:
    - Showing possible extensions
    - Discussion the "future" of CAMs

⇨ I will provide you a lot of self-learning materials

To Dos in advance

To participate in the workshop, you need to install base R and R Studio: https://posit.co/download/rstudio-desktop/

And prepare yourself:

- Read my online documentation of the CAM tools: https://osf.io/q5hj4/
- Read the manuscript of the CAM tools article

Location
Konferenzraum (6002) in Engelbergerstraße 41 (79106 Freiburg)

- Tuesday, the 28th of November from 9am to 12pm