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
- Download materials on the 27th of November from: https://github.com/FennStatistics/CAMtools_workshops (folder "CAMtools Workshop 20231128")

Location / Zoom Link

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

- Konferenzraum (6002) in Engelbergerstraße 41 (79106 Freiburg)
- or via Zoom: https://uni-freiburg.zoom.us/j/62742772710?pwd=dmRFVUx2NE5YbGkyTjgyZmsvSDdWUT09
  Meeting-ID: 627 4277 2710
  Kenncode: ax6GhC5wG