

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 CAM Tools

- 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 topologies
- 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