		Function	Purpose	Which module?	DONE?
		Import/Upload data	Import data from two different software implementations (Valence, C.A.M.E.L.) for creating CAMS and get a descriptive overview of your raw data. Upload protocol files to resume work where you have left it.	"upload data"	x
Preprocessing		Draw CAMs	Vizualize and inspect your CAM-data. Exclude CAMs from further analysis (e.g., because instructions were obviously ignored). Prepares data it for further processing.	"draw CAM" -> draw R	x
	Modules for summarizing concepts under superordinate categories	Approximate matching	Generating suggestions for summarizing concepts under a superordinate concept. By using approximate string matching you can compute the string distances between all your unique concepts in the dataset (using optimal string alignment) to find words, which have been written slightly differently. Helps you to summarize some or all of these concepts.	"summarize term" -> Approximate Matching	x
		Searching terms	Generating suggestions for summarizing concepts under a superordinate concept. Search concepts, using regular expressions, in CAMs for specific terms that were mentioned, summarize some or all of these concepts.	"summarize term" -> Searching terms	x
		Search for synonyms	Generating suggestions for summarizing concepts under a superordinate concept by automatically searching for synonyms in a dictionary.	"summarize term" -> Search for Synonyms	x
		Apply word2vec model	Generating suggestions for clustering and summarizing concepts according to semantic similarity between (single-word) concepts. Uses the influential machine-learning based word2vec approach of Mikolov et al. (2013) for determining semantic similiarity.	"summarize term" -> Apply word2vec model, together with additional "easy use" exe or python script	x
		Overview of non-summarized concepts	Gives you an overwiev over all concepts/terms that have not been summarized under a superordinate concept (yet)	"non-summarized terms"	x
		Compute inter-rater reliability	Computes the inter-rater reliability for summarizing concepts. Establishes if raters tend to summerize the same concepts together under one superordinate concept, regardless of the exact name they give to the superordinate term.	"reliability" -> Get Reliability	x

		Train raters for summarizing of concepts	Helps you to instruct your raters and to draw subsets of concepts mentioned in your data on which to train your raters.	"reliability" -> Train Reliability	x
ysis	Network Indicators	Compute network indicators	Select one or several concepts and calculate network indicators (e.g., mean valence, density etc.) on a micro, mezzo, macro level of the drawn CAMs.	"network indicators" -> get network indicators	x
		Compute neighborhood indicators	compute several variants (in total 6 variants) of average valences over group of concepts: - compute the mean valence over the neighborhood of order 1 / 2 with no adjustments - compute the mean valence over the neighborhood of order 1 / 2 with adjustment for dashed lines if connected to positive concepts (see picture, explenation below) - compute the mean valence over the neighborhood of order 1 / 2 with weighting of neighborhood of second order (currently .5), because we assume thats concepts further away have less relevance for the concept under consideration	"network indicators" -> get neighborhood indicators	x
		Compute descriptive statistics on network indicators	Get a summary of network statistics you have calculated, get an APA-formated table of statistics, get a matric of correlations between different network indicators and search for significant correlations.	"network indicators" -> get network descriptives	x
	Word outputs overall	Create wordlist	Create a wordlist with summary statistics for every concept (mean / SD valence, mean / SD degree)	"word outputs" -> "by words overall" -> get wordlist	x
		Create wordcloud	Create a wordlist of all your concepts in the dataset with colours according to the words mean valence	"word outputs" -> "by words overall" -> get wordcloud	x
	Word outputs single words	Get graphics and summary statistics for concept by concept	Create a pie chart, barplot and table (APA 7 format) for every summarized superordinate concept in your data set seperately	"word outputs" -> "by single words" -> concept by concept	X
		Get summary statistics for all concepts	Get a table containing all unique summarized concepts and their respective frequencies (seperated by N=total, Npositive=positive, and so on) seperated by CAMs	"word outputs" -> "by single words" -> overview of concepts	X

Analy	Summarize CAMs	Aggregate CAMs	By creating a so called “canonical adjacency matrix” CAMs according to different criteria (all CAMs, CAMs of a certain group) are aggregated, whereby the size of the concept and the thickness of the connection is proportional to the frequency of the drawn concepts and the pairwise connections respectively	"summarize CAMs" -> aggregate CAMs	x
	Clustering CAMs on concept level	Concept co-occurrences	Computing the concept-cooccurrences between all CAMs by setting up multiple contingency tables, followed by computing the phi coefficient, groups of concepts with similar concept-cooccurrences in CAMs are identified	"clustering CAMs" -> "on concept level" -> Concept co-occurrences	x
		Valence co-occurrences	Computing hierarchical clustering over the given valence over all overlapping words between CAMs to identify similar CAMs	"clustering CAMs" -> "on concept level" -> Valence co-occurrences"	x
	Clustering CAMs on overall level	Similarity Algorithms	network similarity algorithms will be implemented in the future (e.g. NetSmile, Random Walk approaches)	will be implemented in future study	
	Slice CAMs	Slice CAMs	If you have a CAM structure, which can be separated (e.g. pre-defined opposing concepts) the CAMs can be automatically sliced according to two possible criteria: (a) delete a connection between two concepts, or (b) delete a concept. Automatically the CAM changed this way is checked according to multiple criteria (e.g. number of expected network components) to validate the slicing process.		discuss
		Get summary statistics	Get summary statistics (e.g. within t-test) for the so sliced CAMs.		
		Get Report	Get an report in APA 7 format with multiple descriptive statistics, which could be copied in an article or send to other interested stakeholders.		
	..PLACEHOLDER..				