



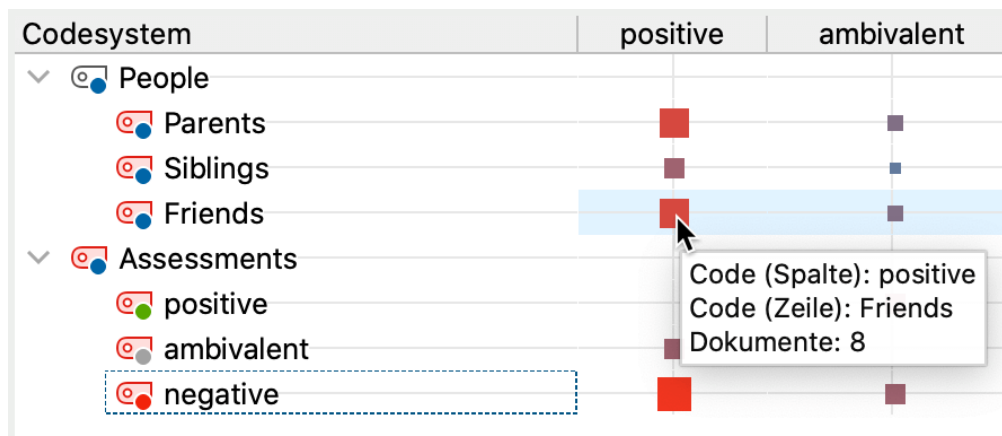


## Code Relations Browser: Code overlaps as a matrix

The Code Relations Browser visualizes which codes occur together in documents. A distinction is made between three analysis modes:

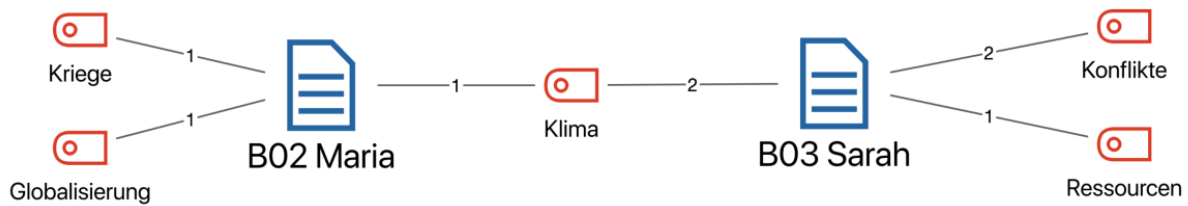
- (1) Overlapping of codes in a segment
- (2) Proximity of codes at a defined distance
- (3) common occurrence of codes anywhere in the document.

The columns and rows of the Code Relations Browser are formed by codes. The larger a square is displayed on a node, the more “relations” the two associated codes have.



## MAXMAPs: Versatile concept maps

MAXMaps allows you to create concept maps, for example to visualize relationships, causes and effects or even the concepts of a question. MAXMaps is primarily intended to visualize the various elements of MAXQDA (codes, documents, memos, codings) on a work surface, a so-called map, and to place them in relation to each other. Numerous model templates help you to visualize the relationships between categories and subcategories and the relationships between individual or multiple cases in just a few steps



## Requirements and limitations of visualization

- Visualizations are an attractive way of displaying results in MAXQDA. Nevertheless, they have some prerequisites for a targeted and valid application:
- Visualizations are mostly also quantifications of coded segments, as frequencies are converted into areas or distances.
- This visual quantification requires great care when coding the data. How large is a coded segment? What do the numbers, and their visual representation mean?
- The specific data structure and heterogeneity must also be taken into account. For example, different document lengths can give a distorted picture in the visualizations.
- The following always applies: Every visually determined finding must be subjected to a critical examination. A visual finding must always first be fully understood in terms of content, then critically scrutinized technically and only then can it be interpreted as meaningful in terms of content.

## Further Reading

Müller, Andreas W.: Using MAXQDA's Visual Tools: An Example with Historical Legal Documents In: Gizzi, M. C. & Rädiker, S. (2021). The practice of qualitative data analysis: Research examples using MAXQDA. MAXQDA Press. S. 55-70  
<https://doi.org/10.36192/978-3-948768058>

Rädiker, S. & Kuckartz, U. (2019): Analyse qualitativer Daten mit MAXQDA. Text, Audio und Video. Wiesbaden: Springer VS. <https://doi.org/10.1007/978-3-658-22095-2>

Tufte, E. R. (2001): The visual display of quantitative information (2. Aufl.). Graphics Press.

Wheeldon, J. & Åhlberg, M. K. (2012): Visualizing social science research. Maps, methods, & meaning.

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### Contact your trainer

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