DiaCollo is a new software tool for the efficient extraction, comparison, and interactive visualization of collocations from a diachronic text corpus. Unlike other conventional collocation extractors, DiaCollo is suitable for extraction and analysis of diachronic collocation data: collocate pairs whose association strength depends on the date of their occurrence. By tracking changes in a word’s typical collocates over time, DiaCollo can help to provide a clearer picture of diachronic changes in the word’s usage, especially those related to semantic shift or discourse environment.

### Example 1: Krise (“crisis”) in the Weekly DIE ZEIT (1946–2014)

- Soviet war in Afghanistan
- Collapse of Helmut Schmidt (SPD) coalition
- AEG sells consumer electronics division
- NATO Pershing-II missiles in western Europe

### Example 2: 400 Years of Potables (1600–1999)

- DDC back-end + GermaNet [5, 6] expansion
- Fine-grained search for beverages in object position of verb trinken (“to drink”)

### Example 3: Gender Bias (1600–1900)

- Comparison profile: Mann (“man”) vs. Frau (“woman”)
- Node size indicates absolute association score difference

### References