

Self- and Co-regulation in caregiver-child dyads Video-microanalytical coding scheme **SCORE**

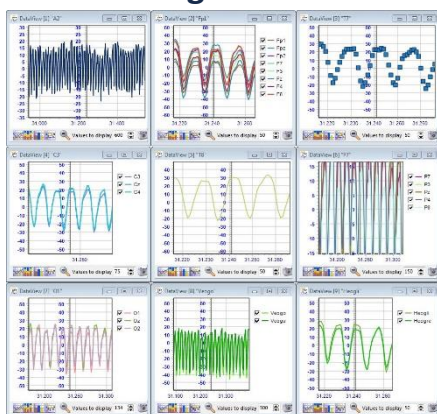
Professor Dr. Sabina Pauen, University of Heidelberg, Germany

The Project:

We are interested in the development of self-regulation in early childhood. It is well known that parental co-regulation plays a central role in this. So far, however, there is a lack of instruments that allow a non-judgmental, neutral description of the self- and co-regulative behavior of children and their parents on the basis of observations in natural interactions. The video-microanalytical coding scheme SCORE (Self- and CO-REGulation in caregiver-child dyads) was developed for this purpose. This instrument is currently used in different task settings with children of different ages in families of different European, American, and Asian cultures.



The Challenge:



In the newly established interaction laboratory at Heidelberg University, it is possible to record natural interactions in parallel with different measurement levels (EEG, neurophysiological, behavioral level). We want to learn more about the connections between these different dimensions in the case of conflictual and cooperative interactions among people of different ages and different constellations (couples, strangers, parents-children, grandparents-grandchildren).

A video-microanalytical coding without special software is enormously complex. In particular, the temporal rigging between different observers and on different measurement levels (e.g., heart rate and behavior) can hardly be managed.

The Solution:



interact[®]



The Benefits:

- Different coders can code videos in parallel using a standardized time code - even in different countries.
- The coding is also possible online (flexibility in times of pandemic).
- Descriptive evaluations are possible immediately and provide a quick overview.
- The codes can easily be combined into patterns at a later date.
- It is possible to collect and evaluate different types of data (EEG, physiological measurements, behavioral measurements) in an integrative manner.
- INTERACT is ideal for international collaborations.

The Feedback:



“I have been working with INTERACT for over 10 years and I am **completely satisfied with this software**. In my opinion, there is currently **no better product for performing video microanalysis on the market.**”

Professor Dr. Sabina Pauen
sabina.pauen@psychologie.uni-heidelberg.de
University of Heidelberg
Department of Psychology
Developmental and Biological Psychology
Heidelberg, Germany