Use the INTERACT Software for your Video Based Observational Research Projects

Save time and valuable resources
INTERACT enables comprehensive, efficient and effective evaluation of your video and audio recordings.

Define your own rating and coding systems and apply them to your research subjects.

Decades-proven and well-engineered functions make it easier for you to collect data quickly and easily.

Discover the invisible
Take advantage of INTERACT’s sophisticated data restructuring capabilities to create complex data sets from simple observations.

Let INTERACT automatically create new data combinations that serve as the basis for new evaluations.

Step into the depths of your data and use INTERACT to discover the invisible - relationships that remain undetected by pure observation because they are too complex for human cognition.
Discover the Invisible
Data management and analysis capabilities allow the creation of interesting new information from initially simple data.

Efficient and Effective
INTERACT can be used for any observation project. Because it allows the unlimited collection of coding data and the use of unlimited hierarchical coding schemes.

Reliable
INTERACT offers many possibilities for quality assurance of your data and results. In particular, the calculation and visualization of observer agreement as well as automatic error correction routines.

Hear and See
The visualization of the audio track can greatly facilitate the evaluation of video contents.

Multimedia Contents
Link an unlimited number of files (images, text documents, PDFs, spreadsheets ...) with each observed event for further description.

Transcription
In addition to the unlimited coding options, INTERACT also allows the comprehensive transcription of your observations. Text analysis features give more interesting insights.

Visualize your Results
Present your results professionally and plausibly with the multiple visualization options.

Statistical Results at the Touch of a Button
INTERACT generates statistical results from your data with just a few mouse clicks.
## Short Training Time

- All central functions can be reached with two to three mouse clicks.  
- A "wizard" leads beginners quickly to the result.  
- The user interface can be easily switched to different languages.  
- Extensive documentation in various languages and formats.  
- Various examples for practicing / getting started.

## Fast and Easy Data Acquisition

- Time information for all data is stored with an accuracy of 0.000 000 1 seconds.  
- Collect and evaluate data in long-term studies over the 24 hour time limit including full date values.  
- Rating / coding of audio and video files at selectable playback speed.  
- Number of audio / video files that can be played simultaneously unlimited *  
- Stop and resume the coding session at any time.  
- Using the Event Sampling Method (i.e.: Something happens at a certain point in time or during a time interval).  
- Using the Time Sampling Method (i.e.: What happens during pre-defined time intervals?).  
- Mixing of event sampling and time sampling during a study.  
- Collect events with and without duration.  
- Collect events by keystroke and mouse click.  
- Automatically add multiple predefined values to newly collected events.  
- Collect different events simultaneously.  
- Amount of codes / transcripts that can be assigned to a video unlimited *  
- Collect data in form of freely selectable codes / ratings and transcripts.  
- Pause, fast forward and rewind videos, even during data collection.  
- Linking additional multimedia content as files (text documents, videos, pictures, ...) to events.

## Individual Coding Systems

- Organization of individual ratings / codes in easy to use coding schemes.  
- Number of definable coding systems unlimited *  
- Scope and complexity of individual coding systems (code length / hierarchy levels) unlimited *  
- Easy exchange of coding systems with other INTERACT users.

## Data Management

- Reorganization of collected data to answer new questions and to work on new hypotheses.  
- Easy data exchange with other users for joint project work.  
- Automatic backup functionality to protect against data loss.  
- Definition of any number of independent variables / socio-demographic data.  
- Easy search and replace operations.  
- All data can be corrected and extended with new content at any time.  
- Hierarchical grouping of events into logical units.  
- Easily merge data from multiple observation sessions.
### Statistics & Analysis

<table>
<thead>
<tr>
<th>Feature</th>
<th>Light</th>
<th>Basic</th>
<th>Professional</th>
<th>Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graphical representation of recorded data as a time diagram.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Descriptive statistics (frequency, duration, percentages, mean, variance, etc.)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Export of statistical results with copy &amp; paste or as CSV file.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Professional chart module for attractive graphics.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Selection of statistical calculations based on any group of data.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Report on classes and their code distribution within a coding system.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Contingency analysis.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Latency analysis.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>Visual presentation and analysis of dyads as State Space Grid.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Analysis of observer agreement according to Cohens Kappa and ICC.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Visualization of the observer agreements / disagreements.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Data cluster analysis and export.</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Sequence analysis to calculate behavior transition probabilities.</td>
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</tbody>
</table>

### Plug-in Technology for Unlimited Functionality

User-created INTERACT extensions can add required features that are not yet available. (Data transformation, import, export, complex evaluations, etc.)

### Video Editing

The highlight movie feature automatically cuts videos based on the collected data. (for presentations, training or feedback sessions)

### Integration of Sensor Data / Physiology

The DataView module visualizes externally recorded data in sync with your video recordings (e.g., physiological measurement data, data from driving or flight simulation systems, or similar). DataView enables the integration between manually collected and rated behavior data and automatically collected numeric measurement data, through data exchange with INTERACT.

### Pattern Analysis

The p.a.t.t.e.r.n add-on module has algorithms to detect hidden patterns in your codings.

* limited by the performance of your computer and the operating system used
Mangold
Partner for Your Research

Benefit from over 25 years of experience

Thousands of satisfied users in over 45 countries from a wide range of research areas rely on solutions from Mangold International.

We support you - from the beginning

“Therm INTERACT Software is flexible, user friendly and rich in its capabilities. But, more importantly, the support staff at Mangold is unparalleled.”

Prof. Ph.D. Catherine Tamis-LeMonda, New York University, US

“The MangoldVision eye tracking system is portable and easy to use. The software suite is friendly and offers powerful tools to capture and analyze data.”

Prof. Dr. Paulo Correia, University of Sao Paulo, BR

“We have put the lab equipment to use. We are really fascinated.”

Gwatirera Javangwe, University of Zimbabwe, ZW

“The coding software INTERACT from Mangold proved to be extremely useful and efficient for detailed videotape analysis of individual differences in the great apes.”

Dr. Jana Uher, Freie Universität Berlin, DE

“The use of INTERACT was found to be effective and time saving and appears to offer a significant advantage to the analyst and hence the efficiency of the research process.”

Dr. Zafer Bilda, Consultant and Research Scientist, AU

“To our psychology/neuroscience laboratory with various research interests, INTERACT is the best choice for us to solve the problem of multi-channel synchronization and explore the complicated relationships between psychological and physiological responses in topics of research such as user experience (UX), applied cognition, and sports science.”

Prof. Hung-Wei Lee, Hsuan Chuang University, TW

Discover More...

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