



Between horses and humans...

Evaluation of non-verbal communication patterns between horses and humans

In cooperation with:

- University of Vienna (Univ. Doz. Dr. Thomas Stephenson)
- e.motion – Center for Equotherapy (Mag.a Roswitha Zink)

by

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Dorothea Gansterer
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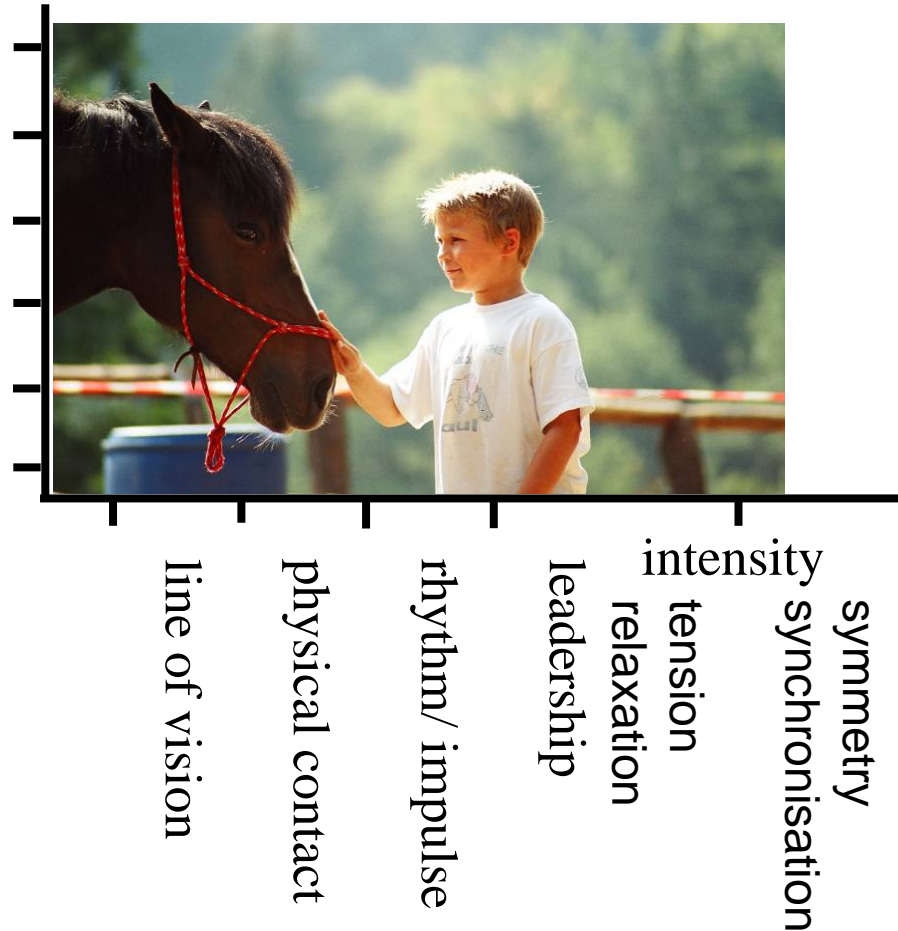
Scientific approach

Intentions



Emotional impact

- 1: Getting in Contact
- 2: Claiming Distance
- 3: Closeness
- 4: Walking together
- 5: Relaxation
- 6: Challenge
- 7: Saying Goodbye



1: Begrüßung/ Getting in contact



2: Distanz/ Claiming distance



3: Nähe/ Giving closeness



4: Gemeinsamer Weg/ Walking part of the way together



5: Entspannen/ Relaxation



6: Herausforderung/ Challenge

Frustration: overcoming difficulties



7: Verabschiedung/ Saying Goodbye



Basics: Client



- Body and soul are always connected and correlated
- Different states of the psyche and also conflicts, like tension, fear, ire, anger or happiness will show themselves in the quality of the movement and will become apparent
- Through changing the body expressions we can influence the emotional state

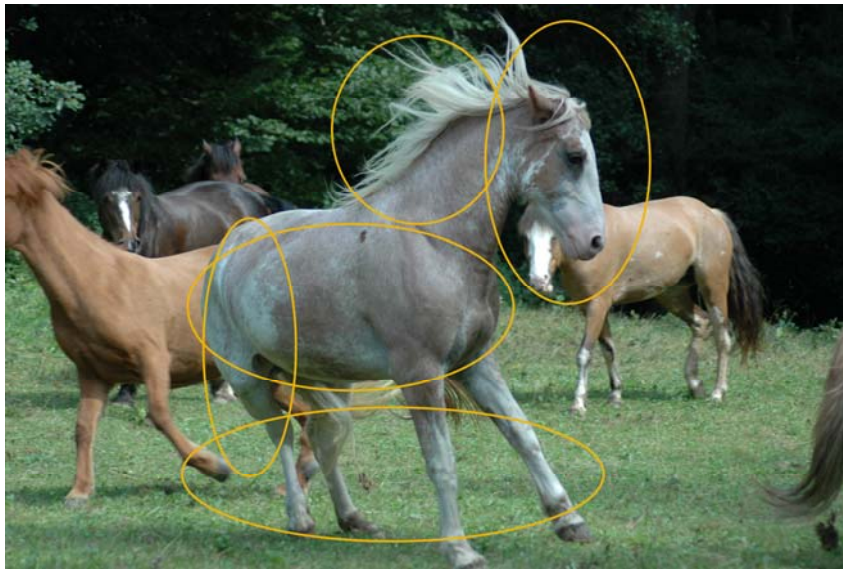
Basics: Horse



- „social animals“:
 - Horses need to get and to stay in social interaction with others; they simply need relationship to stay healthy
- Communication by tension of muscles:
 - Horses are able to read the smallest body language signals and to recognize all states of tension and relaxation

Horses: Elements of body expressions (Bohnet 2007)

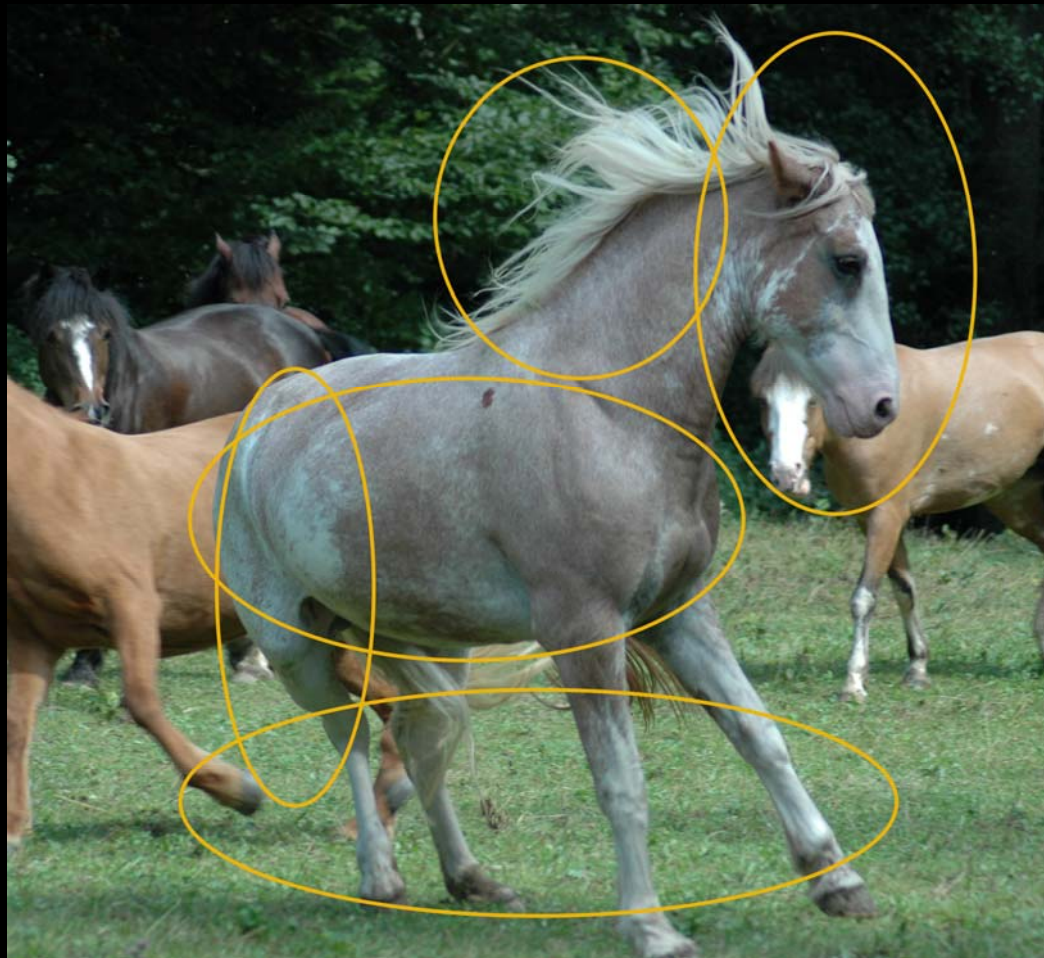
body expression:



facial expression:



Elements of body expressions (Bohnet 2007)



Elements of facial expressions (Bohnet 2007)



Method in explanation to the data analysis

(Videoanalysis)

„open interaction“

- Open contact (without material support) between horse und client
- Bodylanguage for interaction
- Sequences: 7 patterns of emotional interaction

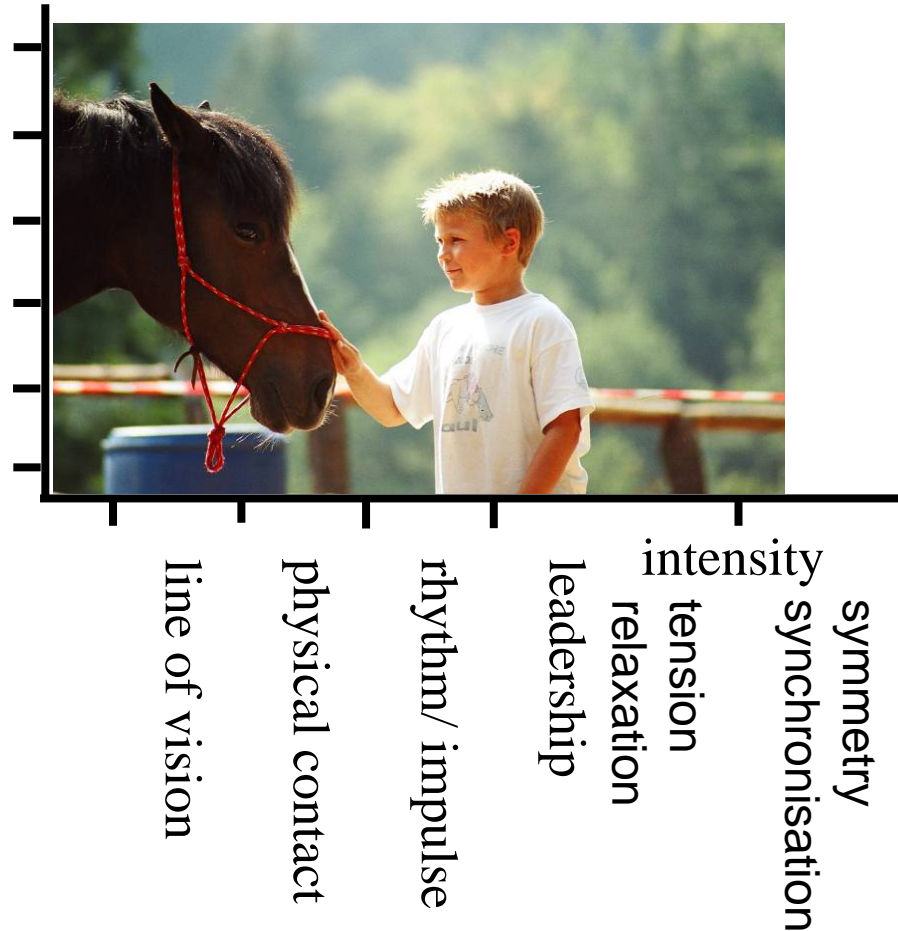
Scientific approach

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Items

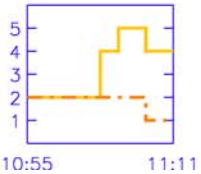
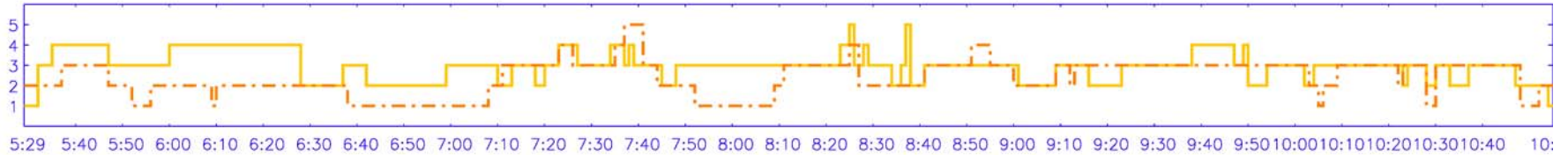
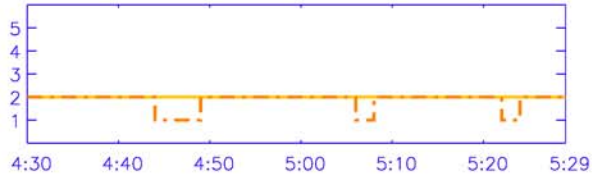
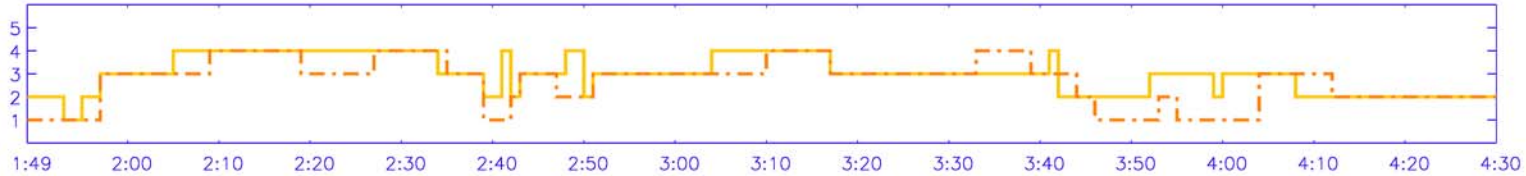
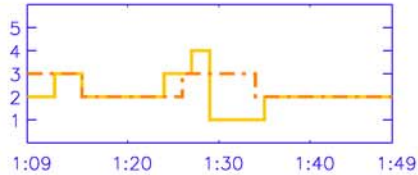
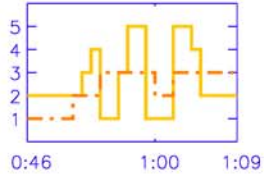
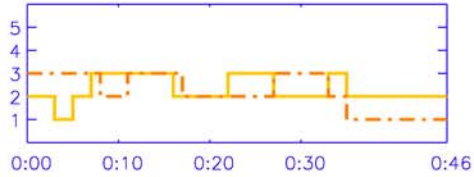
- Line of vision
- Physical contact
- Rhythm
- Impulse
- Aktivität
- Leadership
- Synchronisation



Aktivität/ activity



Aktivität/ activity





Blickrichtung
/line of vision



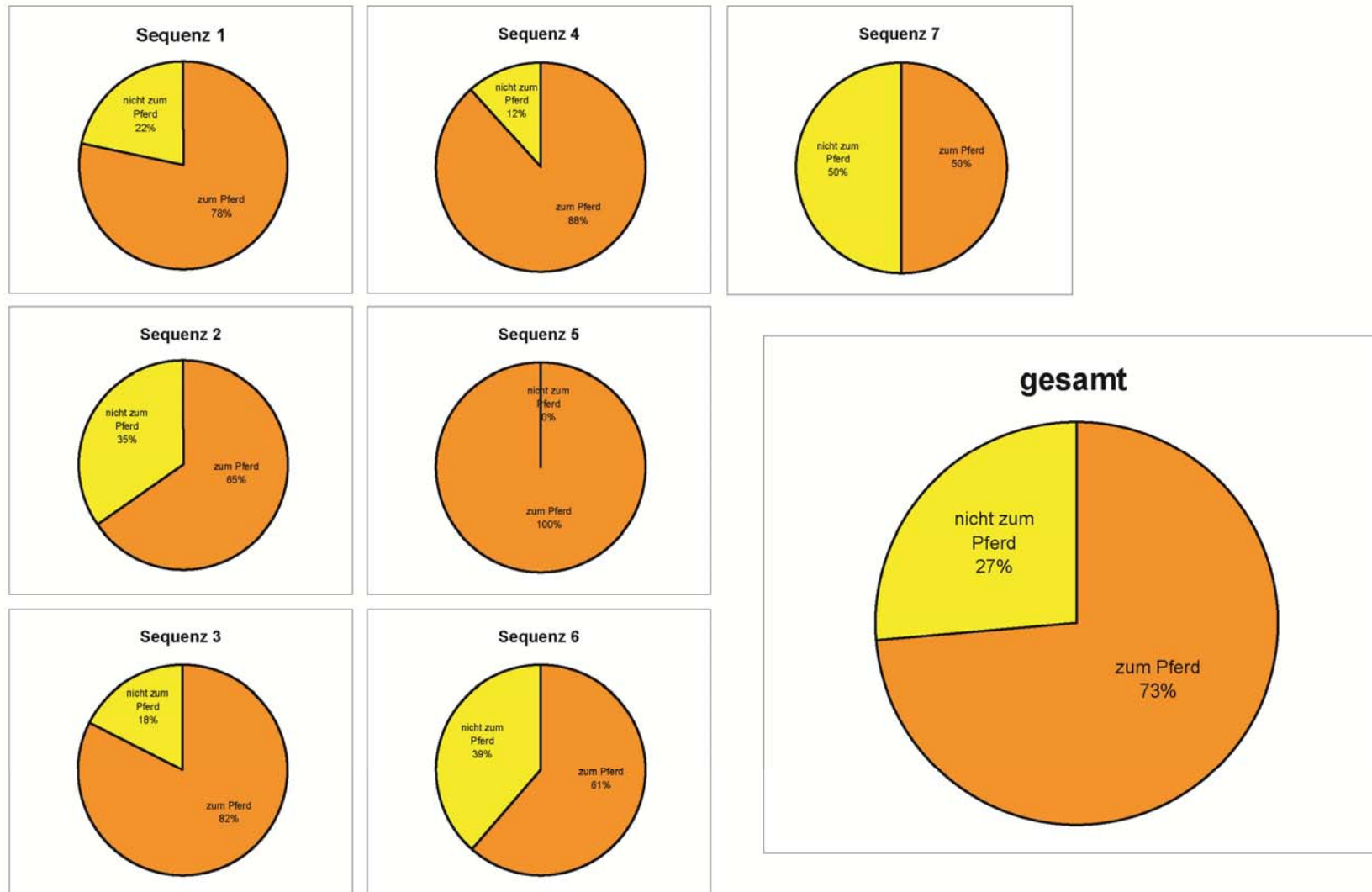
Körperkontakt/ physical contact



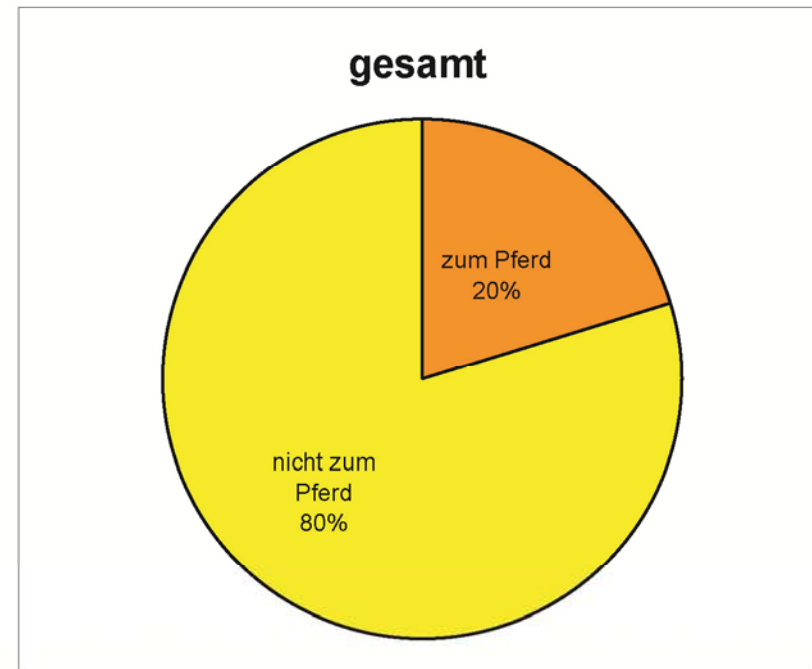
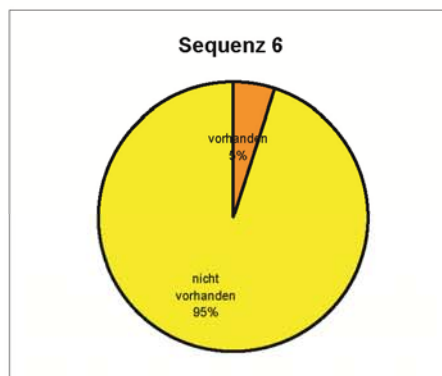
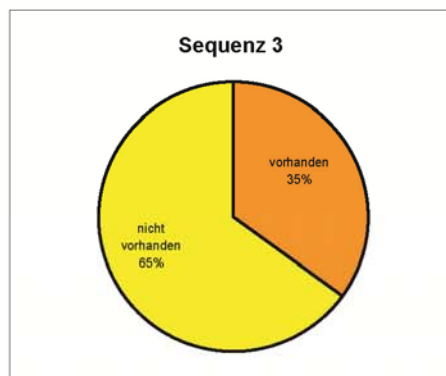
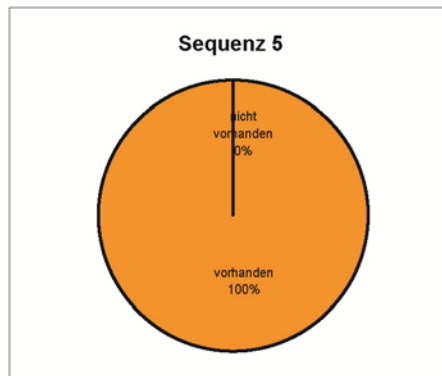
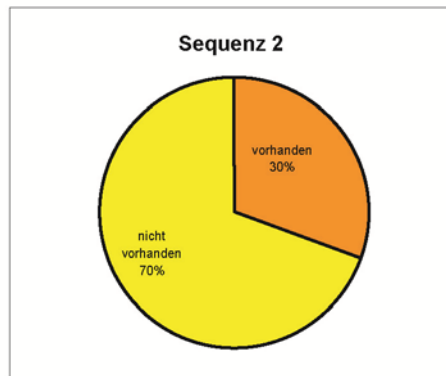
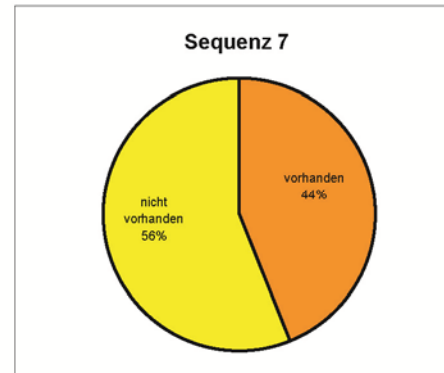
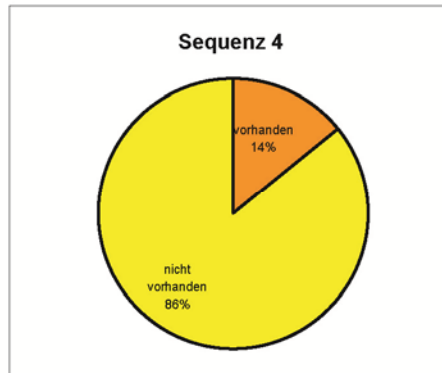
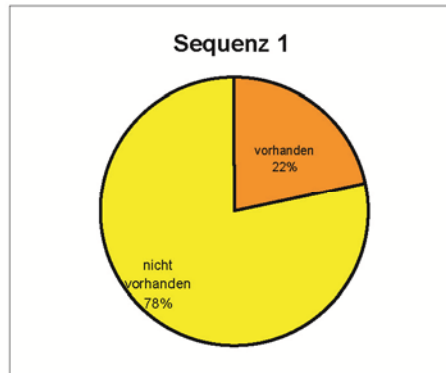
Körperkontakt/ physical contact



Blickrichtung/ line of vision



Körperkontakt/ physical contact



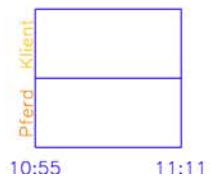
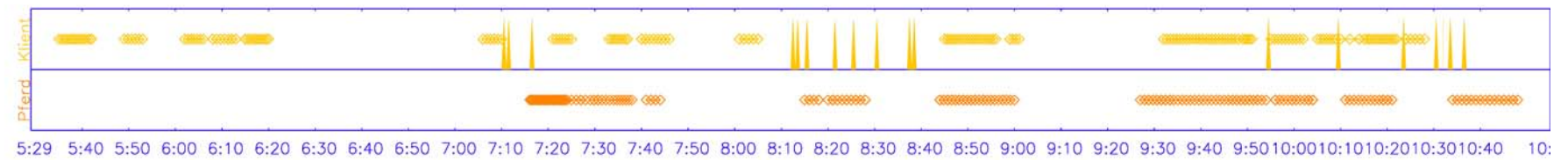
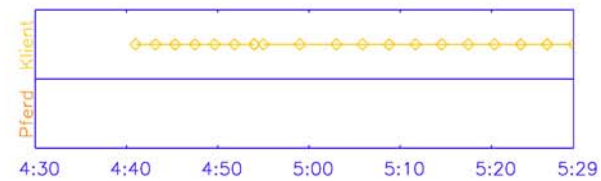
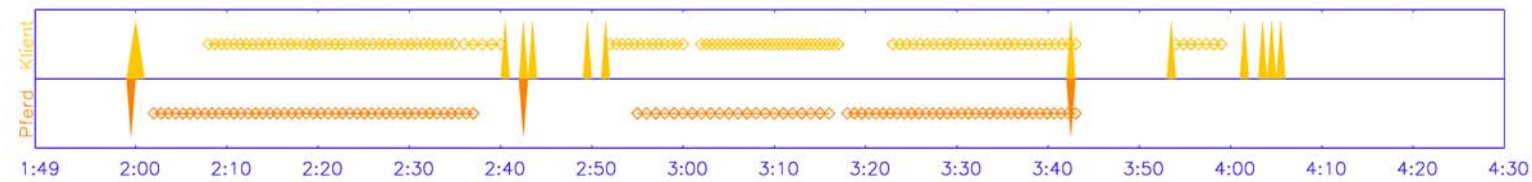
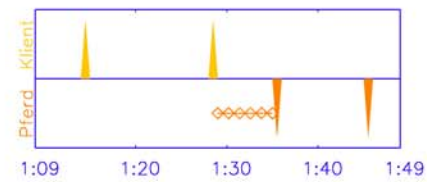
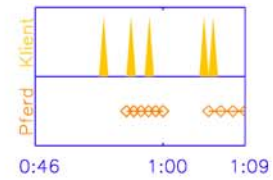
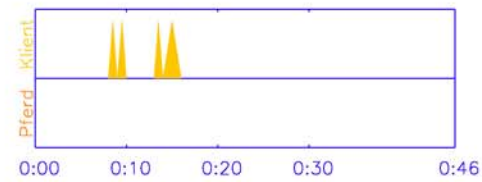
Rhythmus/ rhythm



Impuls/ impulse



Rhythmus/ rhythm



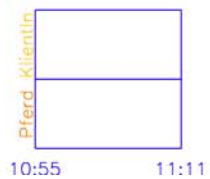
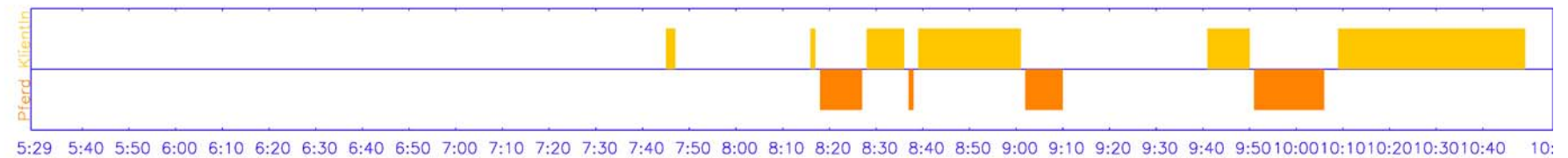
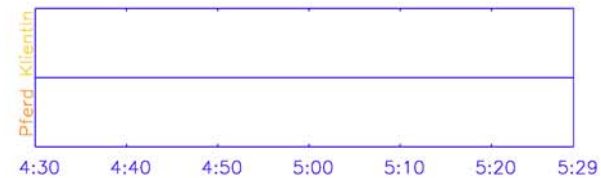
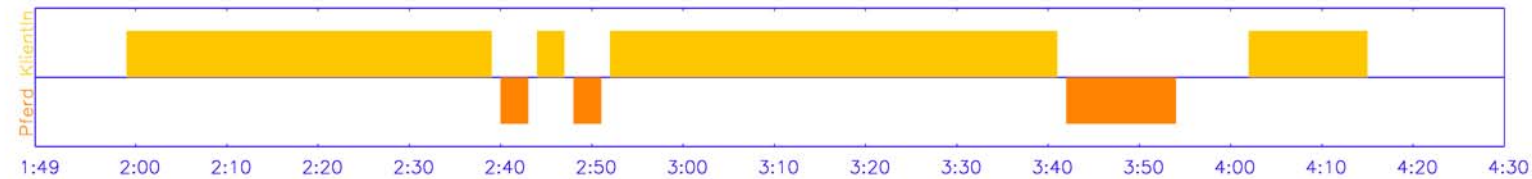
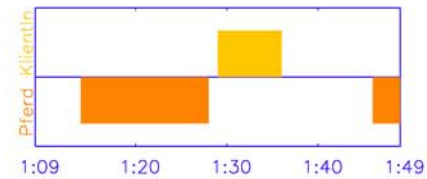
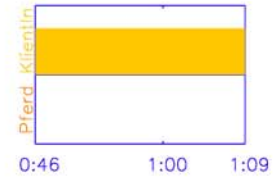
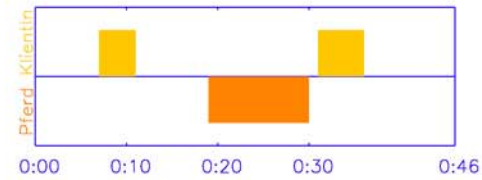
Führungsqualität/ leadership



Führungsqualität/ leadership



Führungsqualität/ leadership



Synchronie/ synchronisation





Thank you for
your attention!

Thank you for the photos to: Sophie
Fischer, Jutta Kirchner, Martin Buda





Verbale Kommunikation

Sequenz 1



Sequenz 4



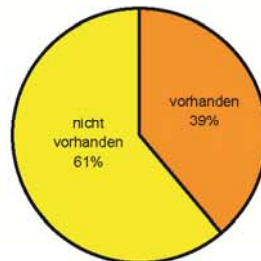
Sequenz 7



Sequenz 2



Sequenz 5



Sequenz 3



Sequenz 6



gesamt

