

**CCRT-LU**  
**Understanding**  
**Rating**  
**Analyzing**

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## **Ways of Measuring**

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- 1. Systematic clinical formulations**
- 2. Rating methods  
on quantity of transference**
- 3. Q-Sorts, Questionnaires &  
the Kelly-Grid-Technique**
- 4. Methods to Identify  
Relationship Patterns**

- 5. CCRT standard category system**
- 6. Category system CCRT-LU  
(Leipzig-Ulm)**
- 7. Research case Amalia X -  
relationship patterns  
by CCRT and CCRT-LU**

# 1. Systematic clinical formulations

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- Menninger Project:  
Team discussion at the end of treatment  
[Wallerstein, 1956]
- Menninger Project:  
Systematic analysis of childhood memories  
[Mayman & Faris, 1960]
- Chicago consensus project  
[Seitz, 1966]

## **2a. Rating methods on quantity of transference**

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- Rating instruments to catch therapist's technique, transference & countertransference and patient's behavior and feeling
- Description and prediction of the therapeutic process  
[Bellak, 1956]
- Therapeutic interaction  
[Cutler, 1958]
- Therapeutic technique, transference and countertransference  
[Strupp, Ewing, Chassan, 1966]

## **2b. Rating methods on quantity of transference**

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Session questionnaire for transference, resistance

[Graff & Luborsky, 1977]

Working alliance, transference, and anxiety themes

[Grünzig, Kächele, Thomä 1978]

The concept of transference space & the 5-minutes samples

[Luborsky et al, 1973]

### **3a. Q-Sorts, questionnaires & the Kelly-Grid-Technique**

#### Q-Sort Methods

- Similarity between “significant parent” and “therapist”
- Similarity between “ideal person” and “therapist”
- Expectations of patients about therapists,
- Expectations of patients about therapists,
- Similarity in behavior towards parents and therapists before and after
- [see for a review Meltzoff & Kornreich, 1970]

## **3b. Q-Sorts, questionnaires & the Kelly-Grid-Technique**

- Questionnaires
- Remembered parental behavior  
[Albani et al. 2000 ]
- Interaction in a therapeutic group  
[Baguet, 1984; Tschuschke, 1994]
- Giessen-Test -  
transference and countertransference  
[Beckmann, 1974; 1978]



## **3c. Q-Sorts, questionnaires & the Kelly-Grid-Technique**

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### **Kelly-Grid-Technique**

- transference in group analysis [Catina & Tschuschke, 1993]

## 4a. Methods to identify Relationship Patterns

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- 4.1 CCRT the Core Conflictual Relationship Theme  
[Luborsky, 1991, 1998, 1999]
- 4.2 CRP the Central Relationship Pattern.  
*An extended procedure for the CCRT data analysis*  
[Albani et al 1994]
- 4.3 FRAME  
[Dahl, 1988,1993]
- 4.4 Configurational Analysis  
[Horowitz, 1991]

## **4b. Methods to Identify Relationship Patterns**

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- **4.5 Dynamic Focus CMP**  
[Schacht & Binder, 1984]
- **4.6 Plan Analysis**  
[Weiss & Sampson, 1986]
- **4.7 Idiographic Conflict Summary**  
[Perry, 1991]
- **4.8 PERT Patient's Experience  
of the Resisted Aspects of the Transference**  
[Gill & Hoffman, 1982 ]

# **The Discovery**

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**Lester Luborsky**

**presented**

**in 1976 on Tuesday at 2 pm in 1976**

**at the Downstate Medical Center in New York**

**on the conference**

**„Communicative structures and psychic structures“**

**a paper with the title**

**„Measuring a pervasive psychic structure**

**in psychotherapy:**

**the core conflictual relationship theme“.**

# Lester Luborsky

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## **Three basic dimensions of the CCRT**

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W - Wish

RO - Reaction of the Object

RS - Reaction of the Self

# **The basic structure of the CCRT**

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verbatim protocol



relationship episodes  
core stories with a relationship object



tailor-made categories W, RO, RS



standard categories W, RO, RS



frequency counting

## **Category systems for the CCRT**

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- **standard CCRT categories and clusters** (Luborsky, Barber et al.)
- **QUAINT** (Crits-Christoph et al.)
- **alternative CCRT Clusters** (Körner et al.)
- **revised CCRT categories** (Barber)
- **CCRT-LU** (Albani, Blaser, Grüninger, Pokorny)



## **CCRT – list of wish standard categories**

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- |                              |   |
|------------------------------|---|
| 01 to be understood          | 19 to have control over others                      |
| 02 to be accepted            | 20 to be controlled by others                       |
| 03 to be respected           | 21 to have self-control                             |
| 04 to accept others          | 22 to achieve                                       |
| 05 to respect others         | 23 to be independent                                |
| 06 to have trust             | 24 to feel good about myself                        |
| 07 to be liked               | 25 to better myself                                 |
| 08 to be opened up to        | 26 to be good                                       |
| 09 to be open                | 27 to be like other                                 |
| 10 to be distant from others | 28 to be my own person                              |
| 11 to be close to others     | 29 to not be responsible or obligated               |
| 12 to help others            | 30 to be stable                                     |
| 13 to be helped              | 31 to feel comfortable                              |
| 14 to not be hurt            | 32 to feel happy                                    |
| 15 to be hurt                | 33 to be loved                                      |
| 16 to hurt others            | 34 to assert myself                                 |
| 17 to avoid conflict         | 35 to compete with somebody for someone's attention |
| 18 to oppose others          |   |

## **Responses of the objects – standard categories**

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- |                               |                              |
|-------------------------------|------------------------------|
| 01 they are understanding     | 17 they oppose me            |
| 02 they are not understanding | 18 they are co-operative     |
| 03 they are accepting         | 19 they are out of control   |
| 04 they are rejecting         | 20 they are controlling      |
| 05 they respect me            | 21 they give me independence |
| 06 they don't respect me      | 22 they are dependent        |
| 07 they don't trust me        | 23 they are independent      |
| 08 they are not trustworthy   | 24 they are strong           |
| 09 they like me               | 25 they are bad              |
| 10 they dislike me            | 26 they are strict           |
| 11 they are open              | 27 they are angry            |
| 12 they are distant           | 28 they are anxious          |
| 13 they are helpful           | 29 they are happy            |
| 14 they are unhelpful         | 30 they love me              |
| 15 they hurt me               |                              |
| 16 they are hurt              |                              |

## **Responses of the self – standard categories**

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- |                         |                          |
|-------------------------|--------------------------|
| 01 I understand         | 17 I am helpless         |
| 02 I don't understand   | 18 I feel self-confident |
| 03 I feel accepted      | 19 I am uncertain        |
| 04 I feel respected     | 20 I feel disappointed   |
| 05 I like others        | 21 I feel angry          |
| 06 I dislike others     | 22 I feel depressed      |
| 07 I am open            | 23 I feel unloved        |
| 08 I am not open        | 24 I feel jealous        |
| 09 I am helpful         | 25 I feel guilty         |
| 10 I hurt others        | 26 I feel ashamed        |
| 11 I oppose others      | 27 I feel anxious        |
| 12 I am controlling     | 28 I feel comfortable    |
| 13 I am out of control  | 29 I feel happy          |
| 14 I am self-controlled | 30 I feel loved          |
| 15 I am independent     | 31 I have symptoms       |
| 16 I am dependent       |                          |

# The cluster solution - based on expert ratings (Barber)

## **Wish-Clusters.**

*I wish ...* →

- 1 to assert self and be independent
- 2 to oppose, hurt, and control others
- 3 to be controlled, hurt and not responsible
- 4 to be distant and avoid conflicts
- 5 to be close and accepting
- 6 to be loved and understood
- 7 to feel good and comfortable
- 8 to achieve and help others

## **Responses of Objects.**

### **Clusters.**

*The others (are)*



- 1 strong
- 2 controlling
- 3 upset
- 4 bad
- 5 rejecting and opposing
- 6 helpful
- 7 like me
- 8 understanding

## **Responses of Self. Clusters.**

*I (am, feel) ...*



- 1 helpful
- 2 unreceptive
- 3 respected and accepted
- 4 oppose and hurt others
- 5 self-controlled and self-confident
- 6 helpless
- 7 disappointed and depressed
- 8 anxious and ashamed

## **The basic procedure of the CCRT**

Identify at least 10 relationship episodes (RE)

Determine the degree of episode completeness

Identify the three components W, RO & RS

Determine the most frequent Wish

Determine the most frequent RO

Determine the most frequent RS

This is the CCRT

## **Freud's Observations and the CCRT Evidence**

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- |  |    |
|--|----|
| 1. Wishes toward people are prominent                    | +  |
| 2. Wishes conflict with responses from other and of self | +  |
| 3. Especially evident in erotic relationships            | +? |
| 4. Partly out of awareness                               | +? |
| 5. Originates in early parental relationships            | +  |

## **Freud's Observations and the CCRT Evidence**

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- |   |    |
|---|----|
| 6. Comes to involve the therapist                                   | +  |
| 7. May be activated<br>by the therapist's perceived characteristics | R  |
| 8. May distort perception   | R  |
| 9. Consists of one main pervasive pattern                           | +? |
| 10. Subpatterns appear for family members                           | +? |

## **Freud's Observations and the CCRT Evidence**

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- |  |    |
|--|----|
| 11. Distinctive for each person                              | +? |
| 12. Remains consistent over time                             | +  |
| 13. Changes slightly over time                               | +  |
| 14. Shows short-term<br>fluctuations in activation           | R  |
| 15. Accurate interpretation changes<br>expression of pattern | +  |



## **Freud's Observations and the CCRT Evidence**

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- |   |     |
|---|-----|
| 16. Insight into pattern can benefit patient                  | +0? |
| 17. Can serve as resistance                                   | R   |
| 18. Symptoms may emerge during its activation                 | +?  |
| 19. Is expressed in and out of therapy                        | +   |
| 20. Positive vs. negative patterns<br>are distinguishable     | +   |
| 21. Is expressed in multiple modes<br>(dreams and narratives) | +   |

# Homage to the CCRT

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***27 years***

***of exciting CCRT applications***

***and***

***continuing developments***

## 26 years CCRT – the Ulm thread

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1976 | 17-jan-1976, 2:00pm: LL presents CCRT | Kächele & Grünzig visit LL in Philly |  
1984 | Gill-LL: project in Amalia X. |  
1985 | LL in Ulm: CCRT analysis of Mr. C. |  
1987 | first CCRT master theses in Ulm (Kächele) → |  
1988 | → children at age 3 years (Dengler) | LL-Kächele: CCRT working book Ulm |  
1989 | → depressive patients (Eckert) | Psychoanalytic Process Research Strategies |  
1990 | LL et al: Understanding Transference, 1st ed. |  
1991 | the case of "Student", pattern search (Albani) |  
1992 | LL Albani Eckert: German CCRT manual |  
1993 | female students Ulm (n≈40) Ulm CCRT-group |  
1994 | male students Ulm (n≈50) Ulm CCRT-group |  
1995 | multicenter study Leipzig-Ulm-Göttingen |  
1996 | (n=266 neurotically disturbed young female patients) |  
1997 | daydream psychotherapy, single case study Lausanne-Ulm |  
1998 | LL et al: Understanding Transference, 2nd ed. |  
1999 | project CCRT-LU starts |  
2000 | CCRT-LU n=32 clinical interviews | CCRT-LU single case study Amalia X |  
2001 | presentation CCRT-LU Euro-SPR Leiden | world-SPR Montevideo |  
2002 | June panels at SPR Santa Barbara |  
2003 | June CCRT+LU international workshop Weimar, Germany |  
2004 | June CCRT-conference Roma |

## 26 years CCRT – worldwide

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*territories in the world  
where at least  
one CCRT relationship episode  
was rated*

Brazil  
Bulgaria  
Canada  
Colombia  
Czech rep.  
Germany  
Israel  
Italy  
Portugal  
Russia  
Spain  
Sweden  
Switzerland  
Ukraine  
U.S.A.  
Uruguay

# Ulm-Leipzig Studies

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Implementation of a German Manual

[Luborsky & Kächele 1988]

Single pt case evaluation pre & post

[Kächele et al. 1990]

Central Relationship Pattern (CRP)

[Albani et. al.1994]

Critique of the category structure of the CCRT

[Albani et al. 1999]

Single psa case evaluation pre & post

[Albani et al. 1999]

Affective evaluation and severity

[Albani et al. 1999]

CRP with different objects

[Albani et al (2001)]

# Problems

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**Standardized CCRT categories empirically based on a small sample  
n=16**

**→ occurring rating problems:**

- **1. no fitting standard categories**

RO: are offended, disappointed, insulted, envy, threaten me...

- **2. similar categories**

W1 to be understood, comprehended, empathized with, seen accurately,

W2 to be accepted, approved of, not to be judged, to be affirmed

- **3. "overloaded" categories**

RO 27 are angry, irritable, resentful, frustrated

- **4. lengths of the category lists led to "personal rating preferences"**

- **5. just partial correspondence between W, RO, RS**

## partial correspondence between the CCRT dimensions

<u>W, related to RO</u>	<u>W, related to RS</u>	<u>RO</u>	<u>RS</u>
to be hurt	to hurt others	hurt me	hurt others
to be respected	to respect others	respect me	feel respected
to be understood		are understanding	understood
	to feel happy	are happy	feel happy
	to be open	are open	am open
	to feel comfortable		feel comfortable
		are angry	feel angry
		are anxious	feel anxious
	to achieve		
	to be close to others		
		are rejecting	
		are co-operative	
			feel self-confident

## CCRT-cluster paradox

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W-02 to be accepted	→	W-Cluster-6: to be loved and understood
W-03 to be respected	→	W-Cluster-6: to be loved and understood

**6=6**

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W-05 to accept others	→	W-Cluster-5: to be close and accepting
W-06 to respect others	→	W-Cluster-5: to be close and accepting

**5=5**

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RS-03 feel accepted	→	RS-Cluster-3: I am respected and accepted
RS-04 feel respected	→	RS-Cluster-3: I am respected and accepted

**3=3**

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### **BUT:**

RO-03 others are accepting→	RO-Cluster-8: others are understanding
RO-05 others respect me →	RO-Cluster-7: others likes me

**8≠7 !!!**

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# **The Leipzig-Ulm Redesign: CCRT-LU**

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**Reformulation of the CCRT Category System:**



**The CCRT-LU Category System**

**DFG-Project Leipzig-Ulm:  
Horst Kächele, Michael Geyer**

**Realization Team:  
Cornelia Albani, Gerd Blaser, Sonja Grüninger, Dan Pokorny**

**Supported by:  
numerous collaborating clinicians and researchers**

**Grant:  
Deutsche Forschungs-Gemeinschaft DFG**

# The Leipzig-Ulm Redesign: CCRT-LU

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The reformulation project:

started as an attempt to resolve known rating problems  
of the CCRT category system

continued as a radical reconsideration  
of the category-system structure

trying to preserve valuable fundamental ideas of the CCRT system

*„CCRT-LU“:      Leipzig-Ulm = LU = logically unified*

# The Leipzig-Ulm Redesign: CCRT-LU

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See:

*Albani C, Pokorny D, Blaser G, Grüninger S, König S, Marschke F, Geißler I, Körner A, Geyer M, Kächele H (2002) Reformulation of the Core Conflict Relationship Theme (CCRT) Categories: The CCRT-LU Category System. Psychotherapy Research 12: 319-338*

## Requirements – Sources

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1. large empirical base  
(usage of the existing CCRT-studies)  
😊😊 >16 studies, >400 test persons, >800 sessions
22. empirically based,  
hence preserving the CCRT "nominal-category" character;  
no reduction to e.g. just 2 theoretically based axes  
😊😊😊 given by the system design: category lists
33. reflecting relevant psychotherapeutic theories  
😊😊 >17 theoretical approaches reflected

## Requirements – Categories

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44. each tailor made formulation should fit to one,  
but not to more categories

😊😊? improvement shown by the better reliability

55. minimal necessary number of categories and clusters

😞 slightly more categories than by CCRT

😊 hierarchical organization simplifies the rater decisions

66. distribution should be as far as possible uniform

😞😞 clusters nearly equally frequent in the population –  
most likely a principally impossible task

😊 at least: no “pervasively predominating” clusters  
(like RO-C5 *they are rejecting and opposing*)

## Requirements – Structure

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77. full correspondence

of categories across dimensions (WO, WS, RO, RS..)

😊😊😊 by the system design: same categories

88. no "cluster paradoxes"

😊😊😊 by the system design: the hierarchical structure

99. easy navigation within the hierarchical system;  
rating „top down“

😊😊😊 by the system design

## Requirements – Properties

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110. system should be easy to learn

😊😊? logical structure, unified category system

11. use of the system should be more economic

😊 slight improvement –  
the text rating by a human  
is likely to remain a time consuming task

12. system should be nice

😊😊😊 because of its

- logical structure
- inner symmetries
- closeness to the “real-life”

# **Empirical and theoretical sources for categories**

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## **E+T: CCRT-Categories Editions 2, 3**

(Barber, Crits-Christoph & Luborsky, 1990)

## **E: Results of our CCRT-User Questionnaire**

(not fitting tailor-made formulation)...

## **E: CCRT-studies**

## **T: theoretical systems**



## **Empirical sources – CCRT-user questionnaire**

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### **Ad: Results of our CCRT-User Questionnaire** (not-fitting tailor-made formulation)...

We asked the CCRT users to list the tailor-made formulations that could be assigned either to none of the standard categories or to more than one of the categories.

The number of returned questionnaires was unfortunately low.

Nevertheless, we found tailor-made formulations:

- 29 for Wishes,
- 80 for Responses from Others,
- 109 for Responses of Self

# Empirical sources – CCRT studies

## Psychodyn. Short Therapies

3 short therapies (each 25 sessions)	Saarbrücken	T.Anstadt
different short therapies (single s.)	Saarbrücken	T.Anstadt
Patient (f) with eating disorder (20 s.)	Frankfurt	A.Stirn
Patient (f) with anxiety disorder (10 s.)	Leipzig	K.Stolzenburg
Patientin with marital conflict (15 s.)	Leipzig	P.Gerhard
"The student" (compul. disord., 23 s.)	Ulm/Leipzig	C.Albani

## Psychoanalytic Therapies

"Christian" (anxiety neurosis, 10 s.)	Ulm/Leipzig	G.Plöttner
"Amalia" (Depression, 95 s.)	Ulm/Leipzig	C.Albani

## RAP

Subject-couples (64 Int.)	Göttingen	H.Staats
Patient-couples (120 Int.)	Göttingen	H.Staats
Subjects (30 Int.)	Leipzig	M.Möckel
Psychotherapy patients (198 Int.)	Leipzig	A.Körner, C.Albani
Interviews with medicines (33 Int.)	München	B.Waldvogel

## Curriculum Vitae

Psychotherapy patients (12)	Leipzig	D.Bannier
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## Intake Interviews

Psychotherapy patients (32 Int.)	Ulm	G.Messer
Psychotherapy patients (40 Int.)	Leipzig	A.Körner, C.Albani

**a rough estimation:  $\Sigma \approx 400$  test persons, 800 sessions/interviews exploited**

## Theoretical sources

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- "Understanding transference" (Luborsky et al.)
- Affective dictionary (Dahl, Hölzer)
- Central Relationship Questionnaire (Barber, Foltz, & Weinryb, 1998)
- Inventory of Interpersonal Problems (Horowitz, 1988)
- Freiburg Personality Inventory (Fahrenberg, Hampel, & Selg, 1984)
- NEO-PI-FFI (Costa, & McCrae, 1989)
- Attachment Questionnaire (Griffin & Bartholomew, 1994)
- Clinical Motivation Inventory (Deneke, et al., 1996)
- Relationship Pattern Questionnaire BeMus (Kurth & Pokorny, 1999)
- Categories of OPD (OPD working group, 1996)
- Categories of SASB (Benjamin, 1974)
- wishes and fears of "Ideographic Conflict Formulation" (Perry, 1997)
- wishes of "Reiss-Profiles" (Reiss & Haverkamp, 1998)
- CCRT-wish categories (Thorne & Klohnen, 1993)
- "Anxiety Dictionary" (Grünzig, 1980)
- "Circumplex model" (Leary, 1957, Kiesler, 1983)
- Attachment theory (Bowlby, 1969, 1973, 1980)
- "Motivation Systems" (Lichtenberg, 1983)
- "Big-five Factor Structure" (Goldberg, 1992)

## **It was a long way...**

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- 1. creating and reduction of lists of tailor-made formulations**
- 2. rating of similarity and 1<sup>st</sup> hierarchical cluster analysis**
- 3. rating of similarity and 2<sup>nd</sup> hierarchical cluster analysis**
- 4. sexual categories**
- 5. development of the final list of predicates**
- 6. checking reliability and validity**
- 7. translations**

# **It was a long way 1-3**

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## **1. Creating and reduction of lists of tailor-made formulations**

- 1.1 creating 3 lists of tailor-made-formulations from empirical and theoretical sources: 806 W + 1158 RO + 1363 RS items
- 1.2 merging of the 3 lists together
- 1.3 assignment of each tailor-made-formulation to one predicate
- 1.4 discharge of synonymous tailor-made-formulations  
(→ list of 232 predicates)

## **2. rating of similarity and 1<sup>st</sup> hierarchical cluster analysis**

- 2.1 independent rating of predicate similarity (2 raters)
- 2.2 1<sup>st</sup> hierarchical cluster analysis
- 2.3 creating a list of → 101 groups of predicates

## **3. rating of similarity and 2<sup>nd</sup> hierarchical cluster analysis**

- 3.1 independent rating of similarity (5 raters)
- 3.2 2<sup>nd</sup> hierarchical cluster analysis
- 3.3 creating a preliminary category system (119-34-11 categories)

## **It was a long way 4-6**

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### **4. sexual categories**

- 4.1 list of tailor-made-formulations with "sexual content" (83 items)
- 4.2 assignment 83 items to one predicate (→ 34 predicates)
- 4.3 independent rating of similarity (2 raters) and 1<sup>st</sup> cluster analysis
- 4.4 creating a list of 10 groups of predicates
- 4.5 independent rating of similarity (5 raters) and 2<sup>nd</sup> cluster analysis
- 4.6 creating of 3 groups of predicates with 9 subcategories

### **5. development of the final list of predicates**

- 5.1 repeated reworking of the list of predicates,  
adding the sexual categories,  
final hierarchical list with 119 – 30 – 13 categories.

### **6. checking reliability and validity**

- 6.1 test of the reformulated categories  
on one cross section sample and one single case study
- 6.2 ongoing trial applications  
by independent psychotherapy researchers

# Design choices 1

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## **Symmetry rule 1:**

**What the other can do I can do as well.  
What I can do the other can do as well.**

→ consequent correspondence  
between RO and RS categories.

## Design choices 2

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### **Symmetry rule 2:**

**Whatever what can happen I can wish.**

**Whatever what I can wish can happen.**

→ consequent correspondence between RO and RS categories on the one side and W categories on the other side.

→ two kinds of W:

Object-related wishes WO and subject-related wishes WS

→ four (!) basic dimensions: WO, WS, RO, RS.



## Four basic dimensions of CCRT-LU

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*Instead of three CCRT-dimensions W, RO, RS we have:*

<b>WO</b>	<b>= wish concerning the object</b>	<b>= „the other should ...“</b>
<b>WS</b>	<b>= wish concerning the subject</b>	<b>= „I want to ...“</b>
<b>RO</b>	<b>= response concerning the object</b>	<b>= „the other does ...“</b>
<b>RS</b>	<b>= response concerning the subject</b>	<b>= "I do ..."</b>

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## Detailed dimensions of CCRT-LU

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***WOO = [less important in the CCRT context]***

<b>WOS = wish</b>	<b>object → subject</b>	<b>= „the others should ... me"</b>
<b>WSO = wish</b>	<b>subject → object</b>	<b>= „I want to ... the other"</b>
<b>WSS = wish</b>	<b>subject → subject</b>	<b>= „I want to ... myself"</b>

***ROO = [less important in the CCRT context]***

<b>ROS = response</b>	<b>object → subject</b>	<b>= „the others does ... me"</b>
<b>RSO = response</b>	<b>subject → object</b>	<b>= „I do ... the other,,</b>
<b>RSS = response</b>	<b>subject → subject</b>	<b>= „I do ... myself"</b>

# Unique category system: casting predicates

*Symmetry rules →*

Same categories for all dimensions:

13 "cluster" – 30 "standard categories" – 119 "subcategories"

*predicate:*

*components:*

**B23 „helping"**

**WOS-B23**

**„the other should help me"**

**WSO-B23**

**„I want to help the other"**

**ROS-B23**

**„the other is helping me"**

**RSO-B23**

**„I am helping the other,,**

## **Unique category system - 13 main clusters**

<b>harmonious</b>	<b>A attending to</b>
	<b>B supporting</b>
	<b>C loving, feeling well</b>
	<b>D being self-determined</b>
<b>disharmonious</b>	<b>E being depressed, resigning to sth.</b>
	<b>F being dissatisfied, being scared</b>
	<b>G being determined by others</b>
	<b>H being angry, unlikable</b>
	<b>I being unreliable</b>
	<b>J rejecting</b>
	<b>K subjugating</b>
	<b>L annoying, attacking</b>
	<b>M withdrawing</b>

## Cluster C loving, being well

<b>C loving, being well</b>	<b>C1 being close</b>	C11 being close, accepting, intimate, providing for, good
		C12 consoling, comforting
		C13 liking, being liked, likeable, having friends, getting along
	<b>C2 loving, having relationship</b>	C21 falling in love, being attractive
		C22 loving
		C23 having children, having a relationship
	<b>C3 confident, satisfied, experiencing pleasure</b>	C31 trusting, being certain, believing, being confident, secure
		C32 being relieved
		C33 letting oneself go, being spontaneous, having scope to develop, being happy, feeling well, enjoying, having fun
		C34 being glad, being (happily) surprised, being satisfied
	<b>C4 being sexually active, interested</b>	C41 being romantic
		C42 making a pass, flirting
		C43 touching, kissing, cuddling, being affectionate
		C44 desiring, being aroused, wanting, being sexually attractive
		C45 having sex, being instinctual, potent, passionate, sexually experienced
	<b>C5 being healthy, living</b>	C51 being healthy
		C52 living

## Cluster L: annoying, attacking

<b>L</b> <b>annoying,</b> <b>attacking</b>	<b>L1</b> <b>annoying</b> <b>someone</b>	L11 hurting, offending, embarrassing, making ridiculous, humiliating
		L12 being malicious, being cynical, laughing at someone
		L13 annoying, harassing, inhibiting, bothering someone
		L14 disturbing, distracting
	<b>L2</b> <b>attacking</b>	L21 scaring, threatening, attacking, provoking
		L22 tormenting, injuring, hostile, breaking
		L23 punishing, taking revenge, destroying, being violent
		L24 abusing, raping

## Cluster M: withdrawing

<b>M with- drawing</b>	<b>M1 Retreating, being reserved</b>	M11 leaving, distancing, demarcating
		M12 keeping one's distance, retreating, withdrawing
		M13 being distrustful
		M14 avoiding conflict, being complaisant, giving in, being submissive
		M15 being withdrawn, keeping quiet
		M16 being reserved, being shy
		M17 being compulsive
		M18 having no children, not having a relationship
	<b>M2 being sexually inactive</b>	M21 being disinclined, being acquiescent
		M22 being inhibited, not being aroused, being impotent
		M23 being sexually inexperienced
	<b>M3 being ill</b>	M31 being exhausted, being tired
		M32 having symptoms
		M33 being physically ill, being mentally ill
		M34 dying, killing oneself

## Valence

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**Positive, negative responses ... *unchanged definition:***

<b>response "positive":</b>	<b>wish satisfied</b>
<b>response "negative":</b>	<b>wish not satisfied</b>

Note 1:  
"positive/negative"  
not equivalent with  
"harmonious/disharmonious"

*Example:*

**PRSO-M12** *„I am keeping them on distance“*  
*(It was my wish, finally I have managed it!)*

**NRSO-M12** *„ I am keeping them on distance "*  
*(It was not my wish, why I am so alone?)*



## Positivity index

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Positive, negative responses RO, RS, ROS, RSO, RSS:  
relative proportion of positive responses  
in the considered dimension

$$P / ( P + N )$$

or:  $100 * P / ( P + N )$  (value in percents)

values range between

0 = quite negative ... 0.5 = fifty fifty ... 1 = quite positive

*Note 2:*

*"positive / negative"*

*not equivalent with*

*"healthy / sick"*

## Positivity index

---

**A 1000000-hrivnas question:**

# Positivity index

---

**A 1000000-hrivnas question:**

***Even narratives of healthy people contain  
more negative  
than positive  
responses.***

***Why?***

## Reliability of CCRT and CCRT-LU rating

**Kappa** values for scoring the tailor-made formulations (Leipzig).

CCRT	clusters	standard categories	CCRT-LU	high level	middle level
<u>kappa</u> 2 judges	8 W 8 RO 8 RS	34 W 30 RO 30 RS	<u>kappa</u> 3 judges	13 clusters	30 categories
W n=187	<b>.48</b>	<b>.42</b>	WO+WS n=345	<b>.66</b>	<b>.60</b>
RO n=228	<b>.47</b>	<b>.37</b>	RO n=459	<b>.65</b>	<b>.58</b>
RS n=216	<b>.65</b>	<b>.52</b>	RS n=489	<b>.63</b>	<b>.56</b>

# It was a long way 7

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## 7. translations

(running:)

7.1 independent translations from German by 2-4 experts

7.2 comparison and creating of the consensus version

(next future:)

7.3 back translation to German

7.4 project „intercultural reliability of the CCRT-LU“

## It is a long way

---

⌘ *German*  
(the original)

**Cornelia Albani (Leipzig), Dan Pokorny (Ulm),  
Gerd Blaser (Leipzig), Sonja Grüniger (Ulm)**



⌘ *Bulgarian*

**Nikola Atanasov (Sofia)**

⌘ *Czech*

**Oldrich Bajgr (Ostrava), Bohuslav Blazek (Praha),  
Robert Kulisek (Praha), Dan Pokorny (Ulm)**

⌘ *English*

**Russell Deighton, U. Jacobs, C. Fischer**

⌘ *French*

**Michael Stigler, Yves de Roten (Lausanne), Martin Drapeau**

⌘ *Greek*

**Nikolas Anastasiadis (Athen)**

⌘ *Italian*

**Alessandra Vicari (Torino), Giordana Fabi (Urbino),  
Cecilia Clementel-Jones, Lorenzo Gottarelli (Bologna)**

⌘ *Portuguese*

**Sara Bottino (Sao Paulo), Fernando Silva (Lisboa)**

⌘ *Russian*

**Alexander Filtz (Lwiw), Dmitrij Velikovsky (Moscow)**

⌘ *Slovak*

**Dora Uhrová (Bratislava) et al.**

⌘ *Spanish*

**Denise Defey (Montevideo),  
Yolanda Lopez-del-Hoyo, Alejandro Avila-Espada (Salamanca)**

⌘ *Ukrainian*

**Oxana Kulyk, Alexander Filtz (Lwiw)**

## **Clinical case Amalia X.**

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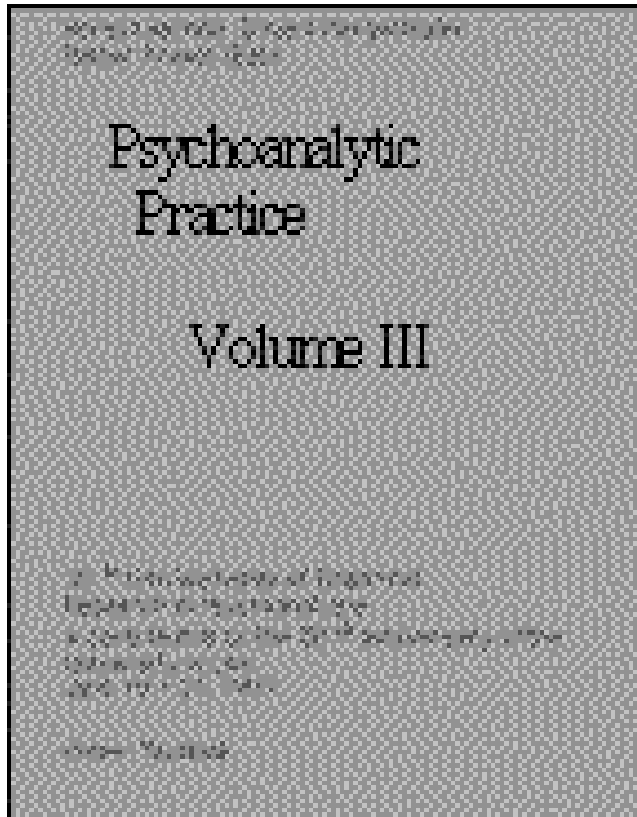
### Patient:

- a 32-year old woman, teacher, living alone
- dysthymia
- hirsutism, feeling of being stigmatized
- low self-esteem, especially in personal relationships
- inhibition of closer heterosexual friendships

### Treatment:

- experienced male therapist
- psychoanalytic treatment
- 3 sessions a week
- total of 517 sessions
- evaluated as successful  
based on clinical evaluation and psychological testing

# Research case Amalia X.



[http://sip.medizin.uni-ulm.de/abteilung/buecher/Band\\_III/Cont.html](http://sip.medizin.uni-ulm.de/abteilung/buecher/Band_III/Cont.html)

→ <http://sip.medizin.uni-ulm.de>



→ [publications](#)

→ [books](#)

→ [Psychoanalytic Practice Vol. 3](#)



Horst Kächele & Helmut Thomä (Eds.)

Lehrbuch der psychoanalytischen Therapie. Band 3 Forschung. Ulm.

Psychoanalytic Practice. Volume 3 Research. New York.

Tratado de terapia psicoanalítica. Tomo 3 Investigación. Buenos Aires.

La ricerca in psicoanalisi. Lo studio del "caso clinico".

Sovremennij psychoanaliz. Tom 3 Issledovanije. Sankt Peterburg.



# Sample

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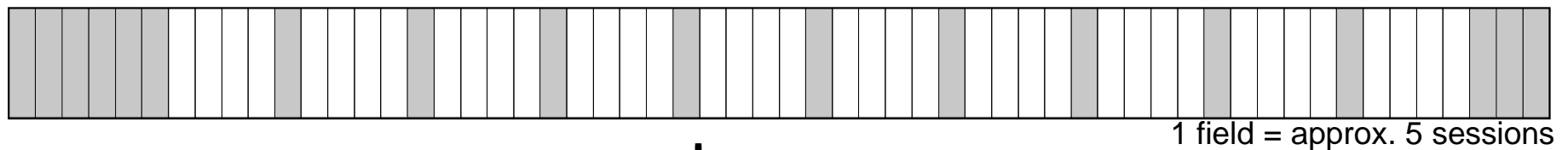
## Amalia X – text material.

Recorded therapy: 517 sessions, audio-recorded.

Transcribed: 92 sessions in 11 blocks

Sampling schema: nearly equidistant intervals of 25 sessions.

CCRT and CCRT-LU rating: all 92 transcribed sessions (C. Albani)



**$\Sigma = 580$  relationship episodes.**

## Pattern search by CCRT and CCRT-LU category systems



CCRT

The diagram consists of a large rectangle divided into two equal vertical sections. The left section is shaded gray and contains the text 'CCRT'. The right section is white and contains the text 'CCRT-LU'.

CCRT-LU

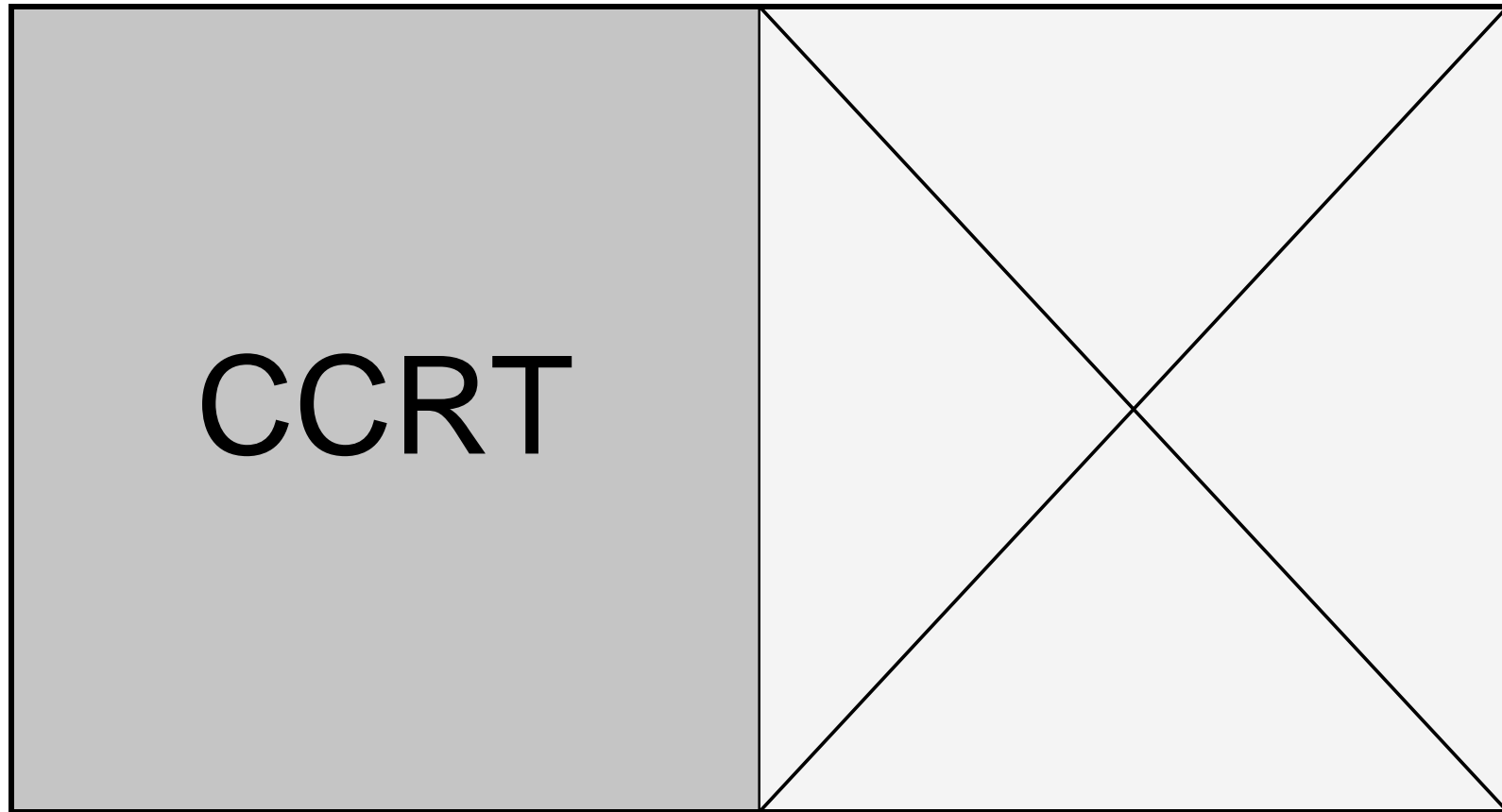
# Episode with the partner

RE : Partner, Session 446	CCRT	CCRT-LU
P: ...and then <u>he said 'hey listen, in the end, I mean, our relationship doesn't justify something like this, you basically have no right, ah, hm, to hold me back from other relationships. It would be different if you wanted to start a family and have kids, then it's bad, if you sleep around with other women', something like that,</u>	<b>NRO 17, c5:</b> <u>he is rejecting, opposing</u> <b>IW 6, c5:</b> <u>to be close</u>	<b>N ROS I12:</b> <u>he is irresponsible</u> <b>I WOS D16:</b> <u>he should be trustworthy</u>
and <u>that really shocked me</u> , looking back. And then when he called me on Monday,	<b>NRS 20, c7:</b> <u>I'm dis-</u> <u>appointed, depressed</u>	<b>N RSO H14:</b> <u>I'm offended</u>
I thought, I won't called him until <u>Thursday</u> , if he wants something, he should call,	<b>NRS 08, c2:</b> <u>I'm</u> <u>unreceptive</u>	<b>N RSO M12:</b> <u>I'm retreating</u>
and then when <u>he called on Monday</u> ,	<b>PRO 09, c7:</b> <u>he likes me</u>	<b>P ROS B11:</b> <u>he is communicating</u>
what I kind of expected, <i>T: he originally wanted to break up on Monday.</i> P: Monday was the absolute low. <i>T: hm</i>		
P: <u>I thought, I really have to end it.</u>	<b>IW 10, c4:</b> <u>to be distant</u>	<b>I WSO M11:</b> <u>I want to</u> <u>demark</u>
And <u>I was completely cold to him on the phone and kept it really short</u>	<b>NRS 11, c4:</b> <u>I oppose</u>	<b>N RSO J22:</b> <u>I'm judging</u>
<u>then he called again about the pills.</u> Then it was OK.	<b>PRO 09, c7:</b> <u>he likes me</u>	<b>P ROS B11:</b> <u>he is communicating</u>
And then <u>he must have got the impression, that I was, he maybe sensed the break-up,</u>	<b>PRO 01, c8:</b> <u>he's understanding</u>	<b>P ROS A23:</b> <u>he is showing interest</u>
<u>I don't know. I don't know. I never really said, 'I'm going to break up with you'. Or I never said, 'Don't touch me again' or.</u>	<b>NRS 19, c6:</b> <u>I'm helpless</u> <b>IW 33, c6:</b> <u>to be loved</u>	<b>N RSS F22:</b> <u>I'm indecisive</u> <b>I WSO C23:</b> <u>I want to have relationship</u>

## Central relationship theme

CCRT	abs.	rel.
W c6 I wish to be loved and understood	283/788	.359
RO c5 The others are rejecting and opposing	406/942	.431
RS c7 I am disappointed and depressed	345/1054	.327

# Pattern search by the CCRT category system



## CCRT – global patterns

COMPONENT		abs.	rel.
W	WISH	788	1.000
W-c6	to be loved and understood	283	.359
W-c6	to be close and accepting	146	.185
W-c4	to be distant and avoid conflicts	102	.129
RO	RESPONSE OF OTHERS	942	1.000
RO-c5	rejecting and opposing	406	.431
RO	positivity index		0.152
RS	RESPONSE OF SELF	1054	1.000
RS-c7	disappointed and depressed	345	.327
RS-c6	helpless	249	.236
RS	positivity index		0.240

# CCRT phase specific patterns for BEGINNING/END

CCRT AT THE BEGINNING frequency Fisher	CCRT AT THE END frequency Fisher
W - WISH at the beginning	W - WISH at the end
W c4-17 to avoid conflict 10 **	W C2 to oppose, hurt, control o. 25 ***
W c6-02 to be accepted 25 *	W c2-18 to oppose others 12 **
	W c2-19 to have control over others 11 *
	W c5-11 to be close to others 16 **
	W C1 to assert self, be independent 18 *
	W c1-23 to be independent 18 *
RO - at the beginning	RO - RESPONSE OF OTHERS at the end
RO c3-27 are angry 15 *	RO C4 bad 30 **
RO c5-06 don't respect me 26 *	RO c4-25 are bad 22 *
	RO C7 likes me 18 *
	RO c7-09 likes me 14 *
	RO c5-17 oppose me 14 *
RO-positivity-index 0.137	RO-positivity-index 0.168
RS - at the beginning	RS - RESPONSE OF SELF at the end
RS c8-25 feel guilty 22 *	RS C5 self-controlled self-confident 37 ***
RS c7-23 feel unloved 25 *	RS c5-12 am controlling 8 ***
RS c6-16 am dependent 43 *	RS c5-15 am independent 13 **
	RS c7-21 feel angry 40 **
	RS C4 oppose and hurt others 23 *
	RS c4-11 oppose others 22 *
RS-positivity-index 0.182	RS-positivity-index 0.380

## CCRT - object specific patterns for PARTNER

W wishes	frequency	Fisher
W c6-33 to be loved	18	***
W C5 to be close and accepting	30	**
W c5-11 to be close to others	14	**
RO responses of partner	frequency	Fisher
RO C8 he is understanding	13	**
RO c8-01 he is understanding	6	**
RO C4 he is bad	20	*
RO c4-08 he is not trustworthy	8	*
RO C7 he likes me	14	*
RO c7-09 he likes me	11	*
RO-positivity-index	0.219	
RS responses of self	frequency	Fisher
RS c3-29 I feel happy	5	**
RS c1-07 I am open	8	*
RS-positivity-index	0.306	



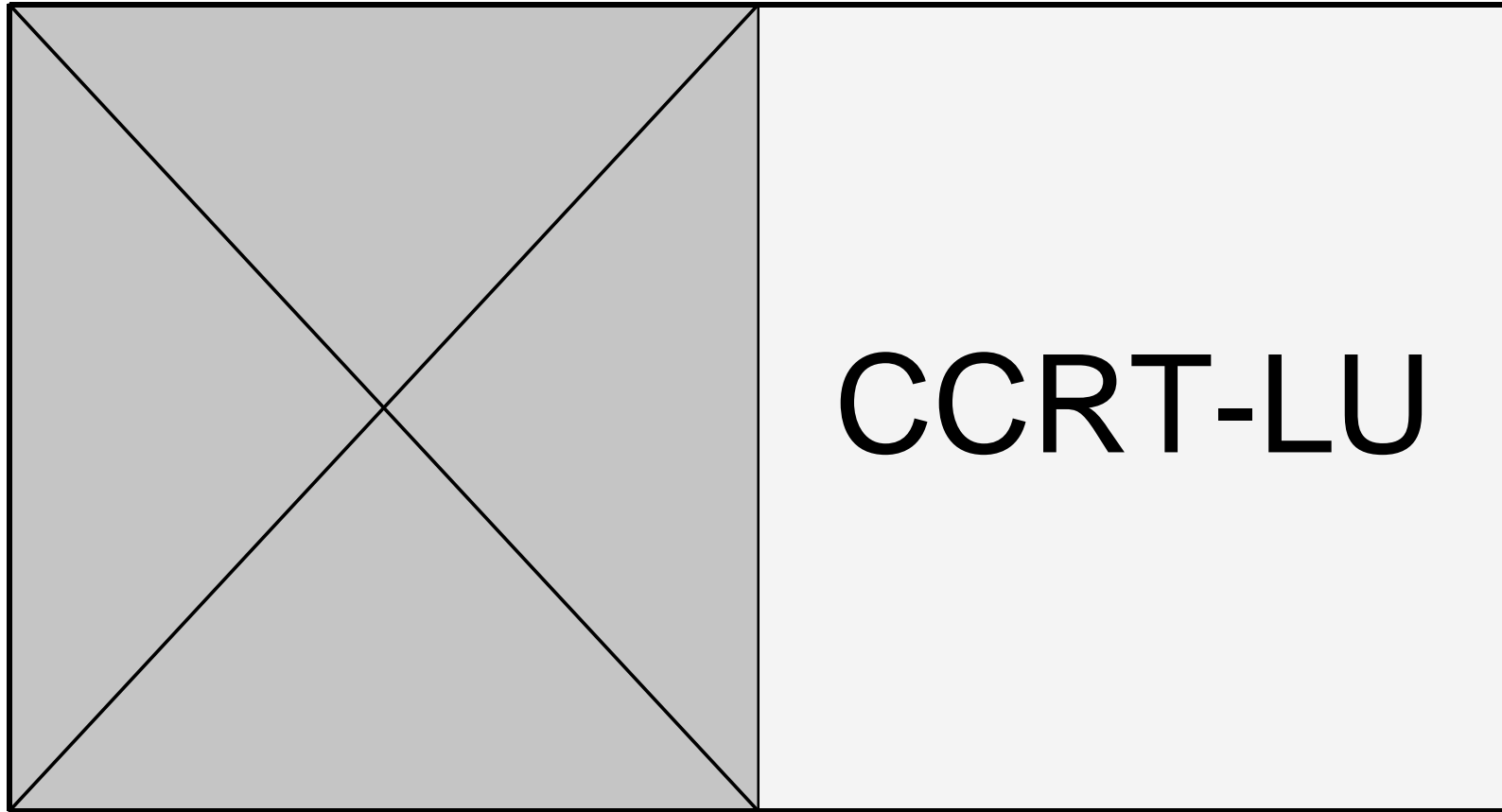
## CCRT - object specific patterns for CHIEF

W wishes		frequency	Fisher
W	C3 to be controlled, not responsible	9	**
W	c3-13 to be helped	9	***
RO responses of the chief		frequency	Fisher
RO-positivity-index		0.132	
RS responses of self		frequency	Fisher
RS	C4 oppose and hurt the chief	9	**
RS	c4-11 oppose the chief	9	**
RS-positivity-index		0.250	

# CCRT - object specific patterns for PUPILS

W wishes		frequency	Fisher
W	C8 to achieve and help pupils	11	***
W	c8-22 to achieve	7	***
W	c8-12 to help pupils	4	**
RO responses of pupils		frequency	Fisher
RO	C3 pupils are upset	13	**
RO	c3-22 pupils are dependent	3	*
RO-positivity-index		0.085	
RS responses of self		frequency	Fisher
RS	C1 I am helpful	9	**
RS	c1-09 I am helpful	7	***
RS	c5-12 I am controlling	3	*
RS-positivity-index		0.319	

## Pattern search by the CCRT-LU category system



# CCRT-LU global patterns

WISHES			RESPONSES		
WOS others should ... to me	518	1.000	ROS the others are...to me	884	1.000
A attending to	240	.463	J rejecting	188	.213
B supporting	138	.266	I unreliable	182	.206
C loving, feeling well	74	.143	K subjugating	133	.150
D being self-determined	52	.100	M withdrawing	79	.089
			L annoying, attacking	72	.081
			ROS positivity index		0.155
WSO I want to be ... others	241	1.000	RSO I am ... (to) others	718	1.000
D being self-determined	54	.224	H angry, unlikable	167	.233
M withdrawing	50	.207	G determined by others	125	.174
C loving, feeling well	40	.166	M withdrawing	103	.143
A attending to	30	.124	F dissatisfied, scared	89	.124
J rejecting	25	.104	J rejecting	64	.089
			RSO positivity index		0.271
WSS I want to be...(myself)	47	1.000	RSS I am ... (myself)	385	1.000
D being self-determined	24	.511	F dissatisfied, scared	178	.462
C loving, feeling well	17	.362	E depressed	69	.179
A attending to	6	.128	G determined by others	44	.114
			C loving, feeling well	38	.099
			D self-determined	33	.086
			RSS positivity index		0.181

# CCRT-LU phase specific responses for BEGIN/END

CCRT-LU <u>RESPONSES</u> BEGINNING	freq Fisher	CCRT-LU <u>RESPONSES</u> END	frequency Fisher
ROS - the others are ... to me BEGINNING		ROS - the others are ... to me THERAPY END	
J rejecting	81 **	K1 being bad	11 ***
J1 unnerving, disheartening	42 *	K11 being bad, cheating, exploiting	11 ***
H14 being hurt, offended	8 *	H2 being disliked	5 **
		H24 being unfriendly, impolite	3 *
		I2 being selfish	23 *
		I23 being selfish, greedy	9 *
		B11 explaining, communicating	9 *
		A2 accepting, understanding	11 *
ros positivity index	0.135	ros positivity index	0.175
RSO - I (am) ... (to) others BEGINNING		RSO - I (am) ... (to) others THERAPY END	
G1 being dependent	21 **	D being self-determined	23 ***
G12 being dependent, clinging	11 *	D2 being proud, autonomous	21 ***
G13 not being self-sufficient	6 *	D25 being independent, self-sufficient	10 ***
H14 being hurt, offended	20 **	D22 being capable, successful	3 *
M withdrawing	47 *	J rejecting	23 *
M1 retreating, being reserved	47 *	J2 opposing, competing	22 **
B23 helping	7 *	J22 declining, excluding, rejecting	8 **
		H17 hating	6 **
		H16 being angry, enraged	34 *
rso positivity index	0.243	rso positivity index	0.386
RSS - I am ... (myself) THERAPY BEGINNING		RSS - I am ... (myself) THERAPY END	
F being dissatisfied, scared	86 **	D being self-determined	14 ***
F11 feeling guilty, regretting	20 *	D2 being proud, autonomous	12 **
G being determined by others	25 *	D22 being capable, successful	6 *
G2 being weak	24 *	E1 being disappointed	12 *
		E11 being unhappy, depressed	12 *
rss positivity index	0.088	rss positivity index	0.343

# CCRT-LU object specific patterns for PARTNER

WISHES	frequency	Fisher	RESPONSES	frequency	Fisher
WOS - the PARTNER should be ... (to/with) me			ROS - the PARTNER is ... me		
C <u>loving</u> / <u>feeling well</u>	18	***	A <u>attending to me</u>	14	**
C2 <u>loving</u>	7	***	A2 <u>accepting</u>	12	***
C23 <u>having a relationship</u>	6	***	A24 <u>perceiving feelings, b. sensitive</u>	4	**
C4 <u>being sexually active</u>	5	***	A23 <u>approaching, noticing</u>	6	*
C43 <u>touching, kissing</u>	4	**	B11 <u>explaining, stating</u>	6	*
A24 <u>perceiving feelings, b. sensitive</u>	5	*	M <u>withdrawing</u>	19	*
			M12 <u>retreating, keeping distance</u>	8	*
			M2 <u>being sexually inactive</u>	3	*
			K1 <u>being bad</u>	7	*
			K11 <u>exploiting, betraying</u>	7	*
			I23 <u>being selfish</u>	7	*
			ros positivity index	0.175	
WSO - I want to be ... (to/with) the PARTNER			RSO - I (am) ... (to)the PARTNER		
C <u>loving</u> / <u>feeling well</u>	18	***	A2 <u>accepting</u>	7	*
C2 <u>loving</u>	7	***	M <u>withdrawing</u>	23	*
C23 <u>having a relationship</u>	7	***	M1 <u>retreating, being reserved</u>	22	*
C4 <u>being sexually active</u>	5	***	M13 <u>being distrustful</u>	7	*
C45 <u>having sex, being potent</u>	3	**	J22 <u>declining, excluding</u>	5	*
M11 <u>leaving, distancing</u>	4	*			
			rso positivity index	0.374	
			RSS - I am ... (myself)		
			M <u>withdrawing</u>	8	***
			M2 <u>being sexually inactive</u>	5	**
			M22 <u>being inhibited, impotent</u>	5	***
			E1 <u>being disappointed</u>	13	**
			E11 <u>being unhappy, depressed</u>	13	**
			rss positivity index	0.180	

# CCRT-LU object specific patterns for CHIEF

WISHES Fisher	frequency	RESPONSES Fisher	frequency
WOS - the CHIEF should be ...(to) me		ROS - the CHIEF is ... to me	
B <u>supporting</u>	13 **	I <u>being unreliable</u>	17 ***
B2 helping/giving independence	5 *	I2 being selfish	8 **
B21 protecting	3 *	I22 being dishonest, unfair	6 **
B12 praising, agreeing	7 *	I1 neglecting	9 *
D <u>being self-determined</u>	7 *	I12 neglecting, abandoning	6 *
D1 being moderate out of strength	6 *		
D16 being trustworthy, honest	6 **		
		ros positivity index	0.132
		RSO - I (am) ... the CHIEF	
		J <u>rejecting</u>	6 *
		J2 opposing, criticizing	6 *
		J21 competing, disputing	5 *
		rso positivity index	0.360
		RSS - I am ... (myself)	
		E21 <u>giving up</u>	3 *
		rss positivity index	0.077

# CCRT-LU object specific patterns for PUPILS

WISHES	frequency	Fisher	RESPONSES	frequency	Fisher
WOS - the PUPILS should be...(to/with) me			ROS - the PUPILS are ... me		
A21 <u>accepting</u> , <u>respecting</u>	5	*	L <u>annoying</u> / <u>attacking</u>	8	*
			L1 <u>annoying</u> someone	5	*
			J21 <u>competing</u> , <u>disputing</u>	3	**
			G <u>being determined by others</u>	5	*
			ros positivity index	0.095	
WSO - I want to be...(to/with) the PUPILS			RSO - I (am) ... (to)the PUPILS		
B <u>supporting</u>	4	*	B <u>supporting</u>	5	**
B2 <u>helping/giving</u> independence	4	**	B2 <u>helping/giving</u> independence	5	***
B23 <u>helping</u>	4	**	B23 <u>helping</u>	5	***
D21 <u>being strong</u> , <u>superior</u>	3	*	K <u>subjugating</u>	3	*
			K2 <u>dominating</u>	3	*
			H14 <u>being hurt</u> , <u>offended</u>	4	*
			rso positivity index	0.406	
WSS - I should feel myself			RSS - I am ... (myself)		
D22 <u>being capable</u> , <u>successful</u>	5	*	F11 <u>feeling guilty</u> , <u>regretting</u>	6	**
			rss positivity index	0.167	



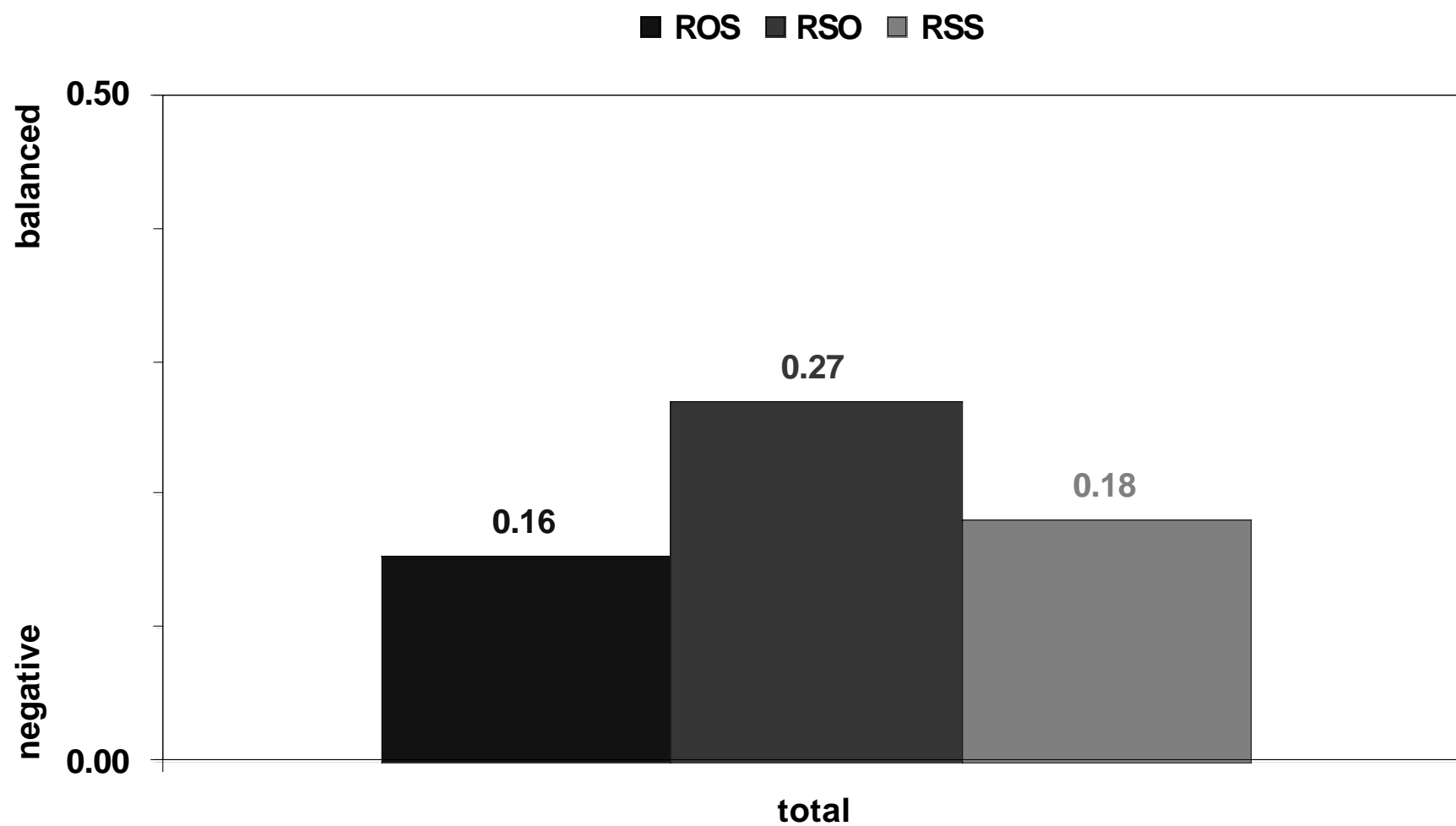
# CCRT-LU object specific patterns for FATHER

WISHES Fisher	frequency	RESPONSES Fisher	frequency
WOS - the FATHER should be ... (to/with) me		ROS - the FATHER is ... me	
C11 being close, intimate, loving	4 *	G23 disappointing, overstrained, failing	3 *
A23 approaching, noticing, interested	6 *	H14 being hurt, offended	3 *
D16 being trustworthy, honest	5 *	J1 ignoring, reproaching	10 *
		M12 retreating, keeping one's distance	4 *
		ros positivity index	0.100
WSO - I want to be ... (to/with) the FATHER		RSO - I (am) ... (to)the FATHER	
C1 being close	4 *	H being angry, unlikable	16 **
A2 accepting, understanding	3 *	H1 feeling disgust, being angry	16 **
		H17 hating	3 **
		L annoying, attacking	3 *
		rso positivity index	0.216
		RSS - I am ... (myself)	
		E being depressed, resigning	7 *
		E2 resigning oneself to sth.	5 **
		E21 giving up, resigning	5 **
		rss positivity index	0.111

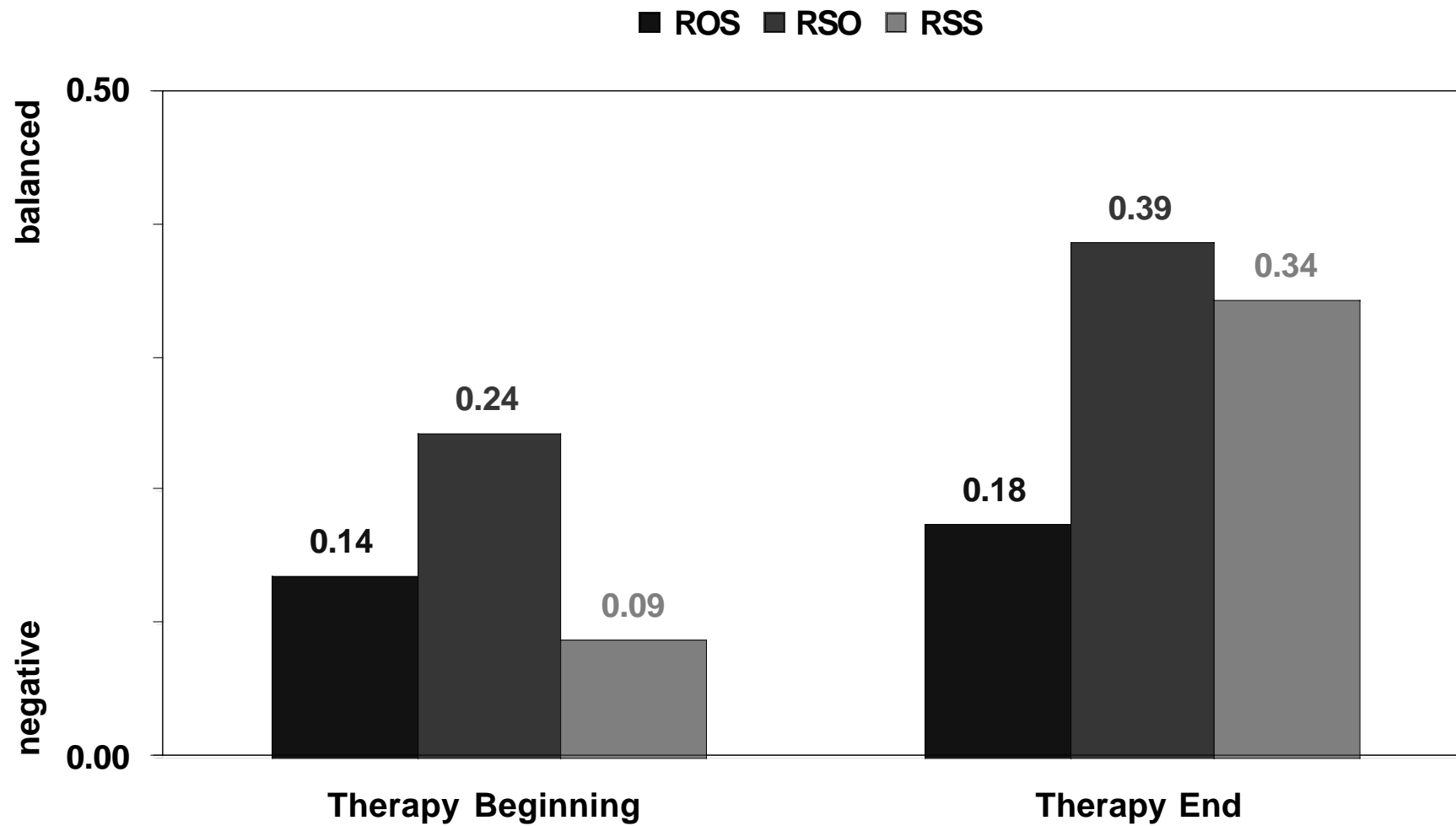
# CCRT-LU object specific patterns for THERAPIST

WISHES	frequency Fisher	RESPONSES	frequency Fisher
WOS - the THERAPIST should be ... (to/with) me		ROS - the THERAPIST is ... me	
C1 <u>being close</u>	17 **	M <u>withdrawing</u>	22 **
C13 <u>liking</u>	15 ***	M1 <u>retreating, being reserved</u>	22 ***
B <u>supporting</u>	33 **	M15 <u>being withdrawn, keeping quiet</u>	16 ***
B1 <u>explaining, confirming</u>	30 **	H <u>being angry, unlikable</u>	13 **
B11 <u>explaining, communicating, expressing</u>	19 ***	H1 <u>feeling disgust, being angry</u>	13 **
		H16 <u>being angry, enraged, frustrated</u>	7 *
		H15 <u>not liking</u>	3 *
		J1 <u>ignoring, reproaching</u>	22 *
		J11 <u>unnerving, disheartening, ignoring</u>	17 **
		ros positivity index	0.126
WSO - I want to be ... (to/with) the THERAPIST		RSO - I (am) ... (to)the THERAPIST	
M15 <u>being withdrawn, keeping quiet</u>	4 *	F <u>being dissatisfied, scared</u>	23 ***
		F2 <u>being scared, anxious</u>	23 ***
		F22 <u>being unsure, confused, indecisive</u>	14 ***
		G2 <u>being weak</u>	19 *
		G23 <u>disappointing, overstrained, failing</u>	5 **
		G22 <u>being incapable, inexperienced</u>	5 *
		D <u>being self-determined</u>	12 **
		D2 <u>being proud, autonomous</u>	12 **
		D25 <u>being independent, self-sufficient</u>	8 ***
		C3 <u>confident, satisfied, pleased</u>	6 *
		C31 <u>trusting, being confident, secure</u>	6 ***
		rso positivity index	0.256
WSS - I should feel myself		RSS - I am ... (myself)	
A1 <u>exploring, admiring</u>	3 **	F13 <u>feeling unwell, dissatisfied</u>	14 *
		rss positivity index	0.208

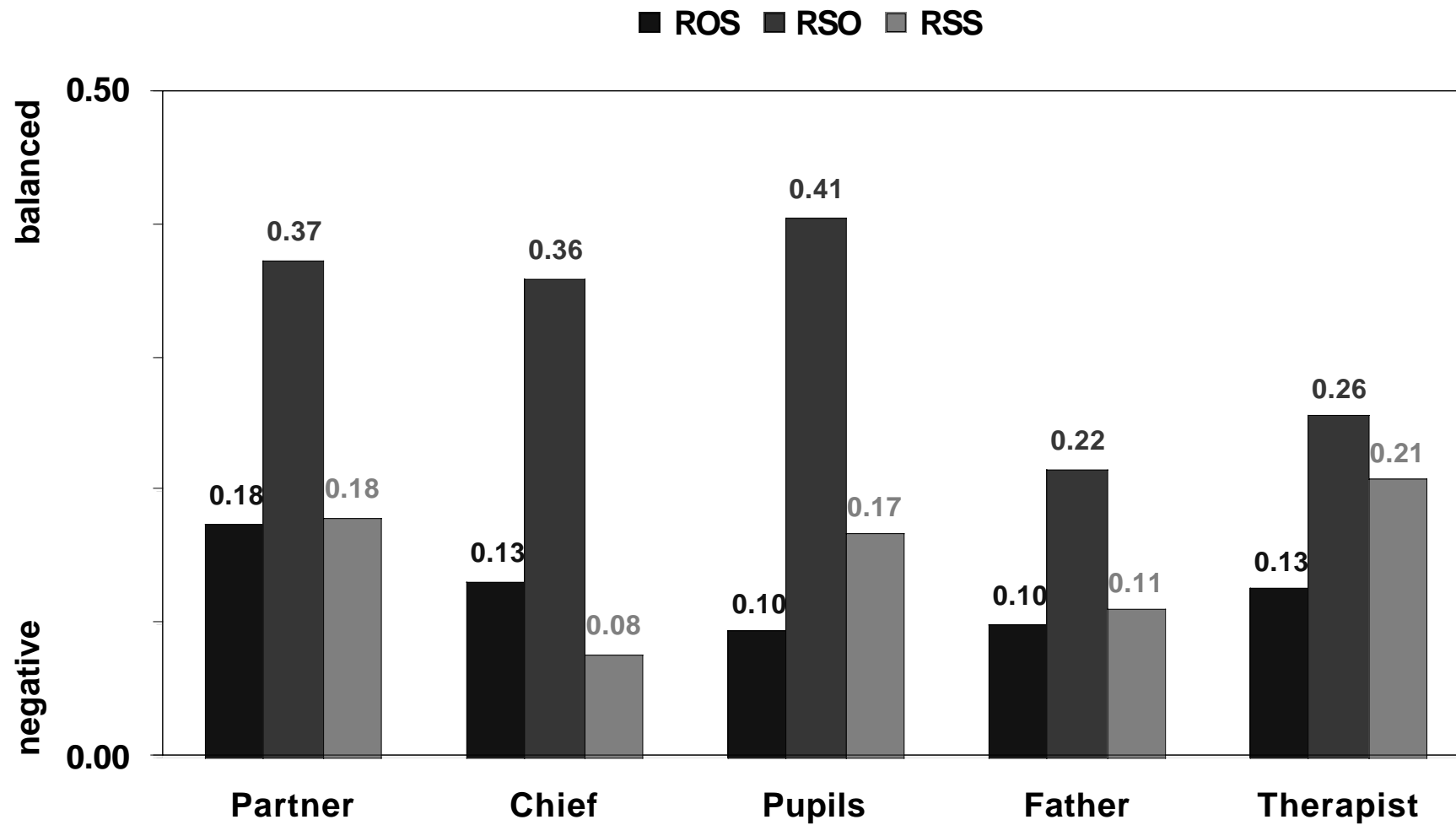
# Amalia X - CCRT-LU positivity TOTAL. $P/(P+N)$



# Amalia X - positivity THERAPY BEGINNING/END



# Amalia X - positivity for selected OBJECTS



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the end is coming ...

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the end is coming ...

**the end**