

FIRST RESULTS OF RELIABILITY TESTING OF THE OUTCOMES FRAMEWORK

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Dumaresq, Koch, Dunphy and Schöneberger at Southbank Campus Melbourne
Foto courtesy of S. Schönenberger

MARA-App and the Outcomes Framework

- The Outcomes Framework is an **independent component** of MARA-App; it is a generic questionnaire to **capture the outcomes relevant to DMT interventions**
- It was developed by Kim Dunphy and her team together with 260 DMTs worldwide in a Delphi like process; it is an **overarching, yet specific DMT measure¹** needed in order to avoid heterogeneity (and thus non-comparableness) of outcome measures in the field, which is a major problem for synthesizing data in systematic reviews and meta-analyses
- Mara-App can **flexibly contain other scales** next to the Outcome Framework, and we encourage this flexibility, in having the client create e.g. three **goals** for themselves at the beginning of therapy, that therapist and client formulate into according items and assess the development on those items in each session (**participatory approach**)
- This presentation briefly reflects the main findings of the **reliability test** on the Outcomes Framework

¹including, for example, a „cultural“ domain on the expressive and aesthetic components/outcomes

Stimulus Material (Old Man Dancing)

Watch a video of a person dancing and then score this person's movement and behaviours against each item of the *Outcomes Framework*. The video is not of a DMT session, it has been chosen because of reduced ethical issues (free Youtube video in public space), and because it offers a good range of observable behaviour. Watch the 3 minute video once through with sound, then continue to play the video as you make the assessment without sound: <https://www.youtube.com/watch?v=aD1euxkzE9I>



Internal Consistencies of Scale(s) (Item Homogeneity)

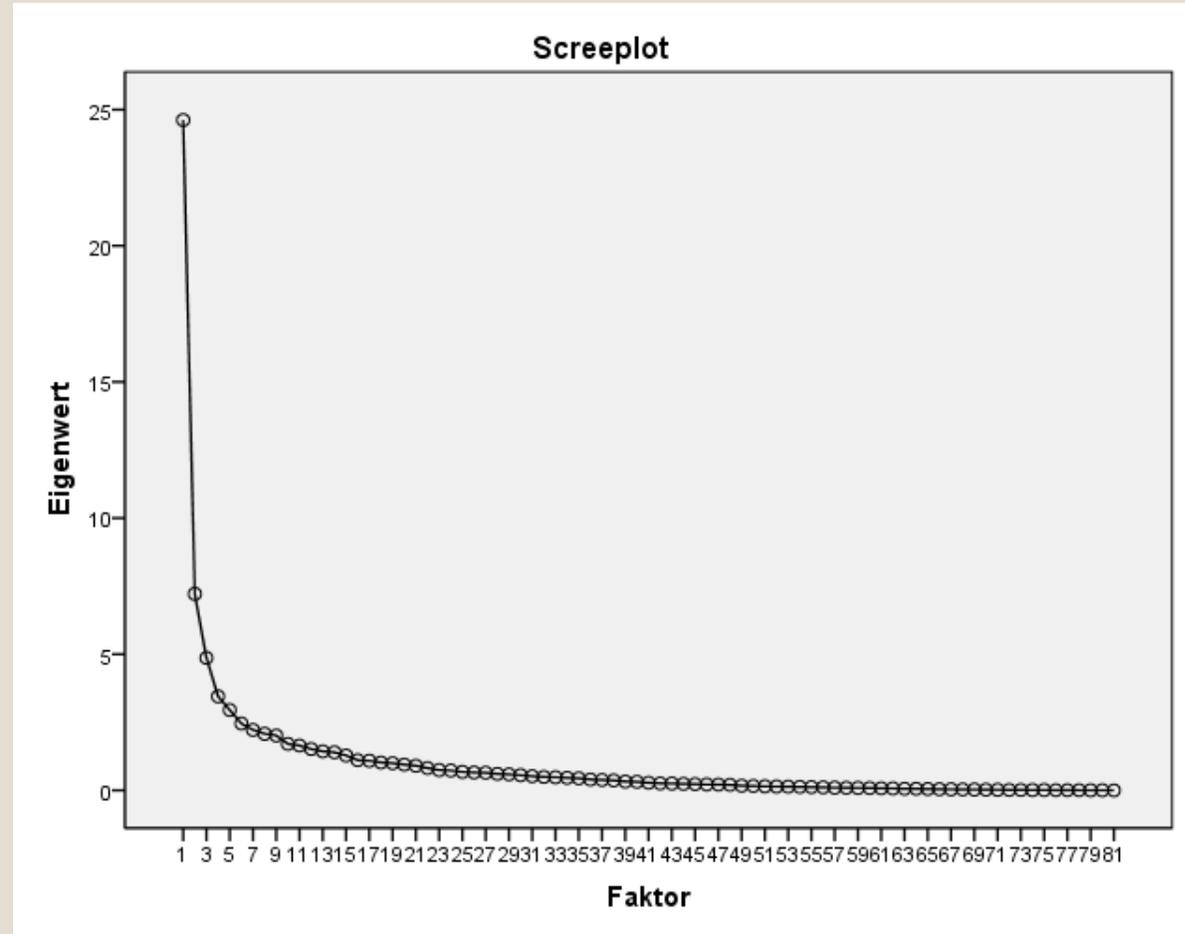
| Domain | Cronbach's Alpha | Classification | Subscales | Remarks |
|------------------|------------------------|------------------|------------------|------------------|
| Physical | .951 (32 Items) | Very good | 5 subscales >.80 | Drop subscale 6 |
| Cultural | .764 (5 Items) | Good | Add Koch 2016? | New, few items |
| Emotional | .827 (10 Items) | Very good | Subscale 1 >.80 | Subscale 2 .453 |
| Cognitive | .852 (15 Items) | Very good | All (very) good | 2: .629, 3: .794 |
| Social | .839 (15 Items) | Very good | All (very) good | |
| Integrative | .671 (4 Items) | Good | good | New, few items |
| All Items | .961 (81 Items) | Very good | | |

Note. The [internal consistency](#) of the Outcomes questionnaire was very good; Cultural and Integrative are new domains and both have few items, which makes those results more fragile than for the other scales → [very good construction of the questionnaire](#); only 1-2 subscales need to be dropped or revised for the long version (Items under 1.6 & 2.2).

Results of Factor Analysis

- Screeplot for ALL items:
Six dimensions result with a variance explanation of 56,2 using the Kaiser-Guttman criterion (excluding Eigenvalues smaller than 1,0)

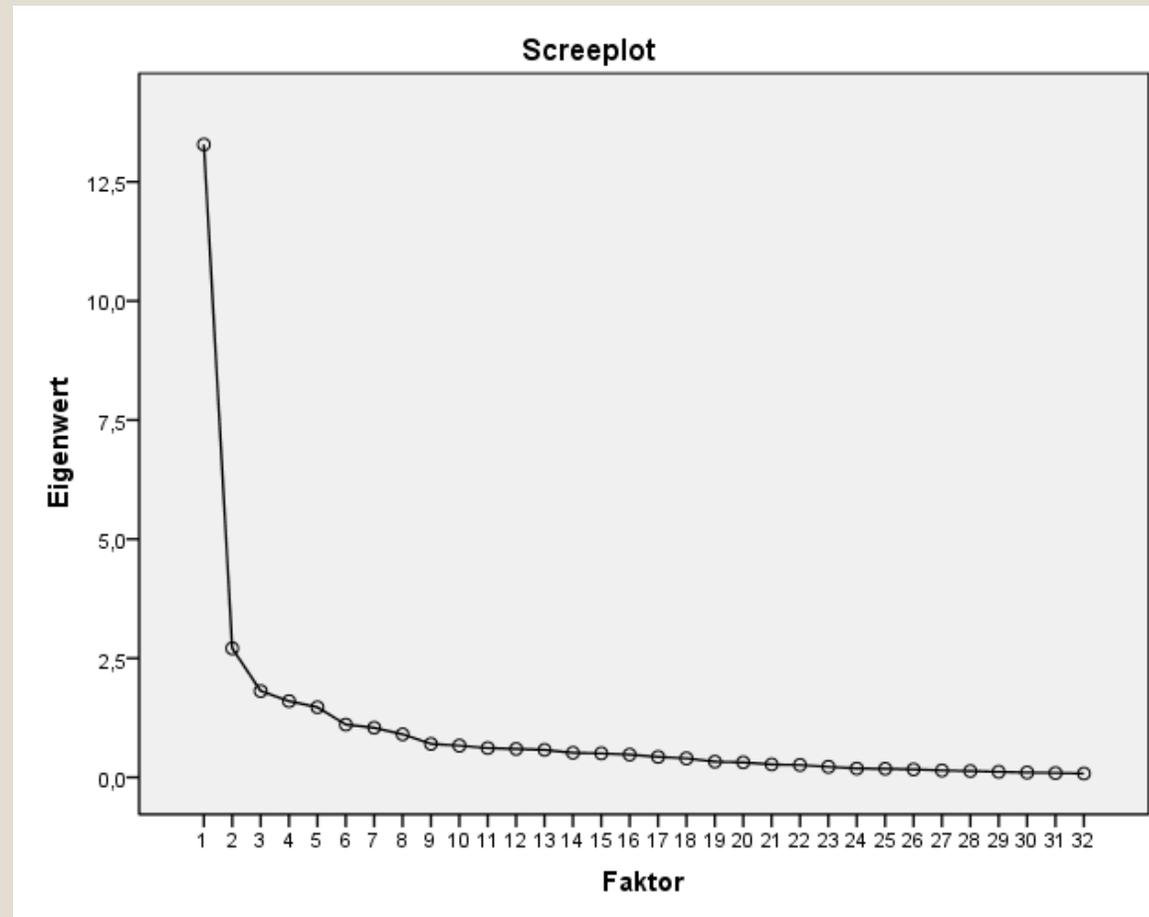
Components are interpretable in terms of the theoretical categories put into the scale



FA of Subdomain 1: Physical

- The six subdimensions of the *Physical Domain* clearly resulted in the FA (7 resulted, but interpretable); With a cumulative variance explanation of 71.9

Similar for the *other subdomains* (we mostly used the Kaiser-Guttman criterion to decide on the dimensionality)



Concluding

- The Outcomes Framework is a very **well developed scale** that holds for psychometric testing with a few minor adaptations
- A **short form** of the Outcomes Framework is on the way, possibly just with the six items of the domains (one item per domain), to have a generic scale that all DMT therapists can use as a basis module for the purpose of this short version being compared across clients and contexts (in development) → **training**
- My initial scepticism with the Outcomes Framework was greatly reduced; it is now important to **intelligently apply the questionnaire** in the context of assessments with MARA (in development), and beyond it.

Thank you for your attention!