

Title: Measurement Properties of a Client Self-report for Treatment Planning and Documenting Therapy Outcomes

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Major Finding: Preliminary findings suggest that the OSA may be used as a valid and reliable evaluation tool and outcome measure detailing clients' perceptions and values concerning their competence and the impact of the environment on their occupational behavior.

Participants:

- 167 female, 135 male
- Age: 16-94 years; Mean=45.45 years
- Diagnostic Condition: 95 physically disabled, 112 psychiatrically disabled, 95 non-disabled
- Country of origin: 95 USA, 53 Japan, 39 Hong Kong, 26 Denmark, 26 Germany, 25 UK, 16 Finland, 12 Sweden, 9 New Zealand, 1 Italy

Method: Individuals from around the world representing a range of languages, cultures, disability statuses, and ages completed the OSA.

Analysis: Rasch analysis

Findings:

- All items were found to measure the corresponding construct for each of the four scales.
- All scales were found to be valid for 95% or more of the participants measured.
- Participants did not sufficiently discriminate amongst value ratings for either scale, supporting the need to change the "importance" rankings to increase differentiation of responses.
- Results indicate that there may be universal "occupational values" organized in the order of importance from having capacity, to managing life, to having a quality of life.

Conclusion: This study provides preliminary evidence for the OSA's reliability and validity as a client self-report tool that can be used to guide intervention.

Implications for future research: Additional research should further verify the hierarchy of values on the competence scale, the use of the OSA as a measure of client change from admission to discharge, and measurement properties of the OSA in different languages. Rating scales should be revised.

Evidence- based practice implications:

- **The OSA can be used in a valid and reliable way across languages and countries.**
- **The importance clients assign to their occupational competence may be indicative of their ability to adapt in different situations.**
- **Clinicians should consider both the difficulty clients encounter in the environment and how important aspects of the environment are when treatment planning.**

