**Supplemental Digital Content Table 1. Quality Criteria for Measurement Properties**

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| --- | --- | --- |
| **Property** | **Rating**  | **Criteria**  |
| **Reliability** |  |  |
| Internal consistency | + | (Sub)scale unidimensional AND .70 ≤ Cronbach's α﹤.95 |
| ? | Dimensionality not known OR Cronbach's a not determined |
| ﹣ | (Sub)scale not unidimensional OR Cronbach's α﹤.70 OR Cronbach's α ≥ .95 |
| Test-retest reliability  | + | ICC/weighted kappa ≥ .70 OR Pearson *r* ≥ .80 |
| ? | Neither ICC/weighted kappa nor Pearson *r* determined |
| ﹣ | ICC/weighted kappa﹤.70 OR Pearson﹤.80 |
| Measurement error | + | SDC, OR both upper and lower limit of agreement (absolute value)﹤20% |
| ? | SDC OR LoA not determined |
| ﹣ | SDC, OR both upper and lower limit of agreement (absolute value) ≥ 20% |
| **Validity**  |  |  |
| Structural validity | + | Factors should explain ≥ 50% of the variance |
| ? | Explained variance not mentioned |
| ﹣ | Factors explain﹤50% of the variance |
| Content validity | + | All items are considered to be relevant for the construct to be measured, for the target population, and for the purpose of the measurement AND the questionnaire is considered to be comprehensive |
| ? | Not enough information available |
| ﹣ | Not all items are considered to be relevant for the construct to be measured, for the target population, and for the purpose of the measurement OR the questionnaire is considered not to be comprehensive |
| Hypothesis testing | + | Correlations with instruments measuring the same construct ≥ .50 OR correlations with instruments measuring unrelated constructs﹤.50 OR at least 75% of the results are in accordance with the hypotheses AND correlations with related constructs are higher than with unrelated constructs |
| ? | Solely correlations determined with unrelated constructs |
| ﹣ | Correlations with instruments measuring the same construct﹤.50 OR correlations with instruments measuring unrelated constructs ≥ .50 OR ﹤75% of the results are in accordance with the hypotheses AND correlations with related constructs are lower than with unrelated constructs |
| Cross-cultural validity  | + | No differences in factor structure OR no important DIF between language versions |
| ? | Multiple group factor analysis not applied AND DIF not assessed |
| ﹣ | Differences in factor structure OR important DIF between language versions |
| **Responsiveness** | + | Correlation with changes on instruments measuring the same construct ≥ .50 OR correlations with changes on instruments measuring unrelated constructs﹤.50 OR at least 75% of the results are in accordance with the hypotheses OR ES or SRM greater in “improved” patients compared with “not improved” patients OR AUC ≥ .70 AND correlations with changes in related constructs are higher than with unrelated constructs |
| ? | Solely correlations determined with unrelated constructs |
| ﹣ | Correlations with changes on instruments measuring the same construct﹤.50 OR correlations with changes in instruments measuring unrelated constructs ≥ .50 OR﹤75% of the results are in accordance with the hypotheses OR ES or SRM greater in “improved” patients compared with “not improved” patients OR AUC﹤.70 AND correlations with changes in related constructs are lower than with unrelated constructs |

*SDC, smallest detectable change; ICC, intraclass correlation coefficient; DIF, differential item functioning; AUC, area under the curve; ES. effect size; SRM, standardized response mean; LoA, limit of agreement.*

*"+"=positive rating, "?"= unknown, "–"=negative rating.*

**Supplemental Digital Content Table 2. Levels of Evidence for Overall Quality of Measurement Property**

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| --- | --- | --- |
| Level  | Rating  | Criteria |
| Strong | ﹢or﹣ | Consistent findings in multiple studies of good methodological quality OR in one study of excellent methodological quality |
| Moderate | ﹢or﹣ | Consistent findings in multiple studies of fair methodological quality OR in one study of good methodological quality |
| Limited | ﹢or﹣ | One study of fair methodological quality |
| Conflicting | ﹢/﹣ | Conflicting findings |
| Unknown | ? | Only studies of poor methodological quality |

*"﹢", positive rating; "–", negative rating; "﹢/﹣", indeterminate rating; "?", unknown.*