Supplemental table 6 Quality appraisal of studies examining psychometric properties of pain assessment tools

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study | Was an internal consistency statistic calculated for each unidimensional scale or subscale separately  | For continuous scores: Was Cronbach’s alpha or omega calculated? | For dichotomous scores: Was Cronbach’s alpha or KR‐20 calculated? | For IRT‐based scores: Was standard error of the theta(SE (θ)) or reliability coefficient of estimated latenttrait value (index of (subject or item) separation)calculated? | Were there any other important flaws in the designor statistical methods of the study? | Is it clear what the comparator instrument(s) measure(s)? | Were the measurement properties of the comparator instrument(s) sufficient?  | Was the statistical method appropriate for the hypotheses to be tested | Were there any other important flaws in the design or statistical methods of the study? |
| Benromano et al.19 | NA | NA | NA | NA | NA | adequate | adequate | adequate | doubtful |
| Boldingh et al.58 | adequate | adequate | NA | NA | inadequate | adequate | inadequate | adequate | inadequate |
| Jensen et al.57 | NA | NA | NA | NA | NA | adequate | inadequate | adequate | inadequate |
| Tyler et al.59 | adequate | adequate | NA | NA | inadequate | adequate | inadequate | doubtful | doubtful |