

Supplementary File 2

Search strategy - second stage

Appendix 1 – Search strategy two (FORMATTED FOR PUBMED)

PROM - (identified from search one)

AND ***POPULATION OF INTEREST***

“Early onset scoliosis”

OR “early-onset scoliosis”

OR “infantile scoliosis”

OR “juvenile scoliosis”

OR “congenital scoliosis”

OR “syndromic scoliosis”

OR “neuromuscular scoliosis”

AND ***MEASUREMENT PROPERTY FILTER*[1]**

“measurement propert*”

OR “Validation Studies”

OR “Comparative Study”

OR “psychometrics”

OR psychometr*[tiab]

OR clinimetr*[tw]

OR clinometr*[tw]

OR “outcome assessment (health care)”[MeSH]

OR “outcome assessment”[tiab]

OR “outcome measure”[tw]

OR “observer variation”[MeSH]

OR “observer variation”[tiab]

OR “Health Status Indicators”[Mesh]

OR “reproducibility of results”[MeSH]

OR reproducib*[tiab]

OR “discriminant analysis”[MeSH]

OR reliab*[tiab]

OR unreliab*[tiab]

OR valid*[tiab]

OR “coefficient of variation”[tiab]

OR coefficient[tiab]

OR homogeneity[tiab]

OR homogeneous[tiab]

OR “internal consistency”[tiab]

OR (cronbach*[tiab] AND (alpha[tiab]

OR alphas[tiab]))

OR (item[tiab] AND (correlation*[tiab] OR selection*[tiab] OR reduction*[tiab]))

OR agreement[tw]

OR precision[tw]

OR imprecision[tw]

OR "precise values"[tw]
OR test-retest[tiab]
OR (test[tiab] AND retest[tiab])
OR (reliab*[tiab] AND (test[tiab] OR retest[tiab]))
OR stability[tiab]
OR interrater[tiab]
OR inter-rater[tiab]
OR intrarater[tiab]
OR intra-rater[tiab]
OR intertester[tiab]
OR inter-tester[tiab]
OR intratester[tiab]
OR intra-tester[tiab]
OR interobserver[tiab]
OR inter-observer[tiab]
OR intraobserver[tiab]
OR intra-observer[tiab]
OR intertechnician[tiab]
OR inter-technician[tiab]
OR intratechnician[tiab]
OR intra-technician[tiab]
OR interexaminer[tiab]
OR inter-examiner[tiab]
OR intraexaminer[tiab]
OR intra-examiner[tiab]
OR interassay[tiab]
OR inter-assay[tiab]
OR intraassay[tiab]
OR intra-assay[tiab]
OR interindividual[tiab]
OR inter-individual[tiab]
OR intraindividual[tiab]
OR intra-individual[tiab]
OR interparticipant[tiab]
OR inter-participant[tiab]
OR intraparticipant[tiab]
OR intra-participant[tiab]
OR kappa[tiab]
OR kappa's[tiab]
OR kappas[tiab]
OR repeatab*[tw]
OR ((replicab*[tw]
OR repeated[tw]) AND (measure[tw] OR measures[tw] OR findings[tw] OR result[tw] OR
results[tw] OR test[tw] OR tests[tw]))
OR generaliza*[tiab]
OR generalisa*[tiab]
OR concordance[tiab]

OR (intraclass[tiab] AND correlation*[tiab])
OR discriminative[tiab]
OR "known group"[tiab]
OR "factor analysis"[tiab]
OR "factor analyses"[tiab]
OR "factor structure"[tiab]
OR "factor structures"[tiab]
OR dimension*[tiab]
OR subscale*[tiab]
OR (multitrait[tiab] AND scaling[tiab] AND (analysis[tiab] OR analyses[tiab]))
OR "item discriminant"[tiab]
OR "interscale correlation*" [tiab]
OR error[tiab]
OR errors[tiab]
OR "individual variability"[tiab]
OR "interval variability"[tiab]
OR "rate variability"[tiab]
OR (variability[tiab] AND (analysis[tiab] OR values[tiab]))
OR (uncertainty[tiab] AND (measurement[tiab] OR measuring[tiab]))
OR "standard error of measurement"[tiab]
OR sensitiv*[tiab]
OR responsive*[tiab]
OR (limit[tiab] AND detection[tiab])
OR "minimal detectable concentration"[tiab]
OR interpretab*[tiab]
OR ((minimal[tiab] OR minimally[tiab] OR clinical[tiab] OR clinically[tiab]) AND (important[tiab] OR significant[tiab] OR detectable[tiab]) AND (change[tiab] OR difference[tiab]))
OR (small*[tiab] AND (real[tiab] OR detectable[tiab]) AND (change[tiab] OR difference[tiab]))
OR "meaningful change"[tiab]
OR "ceiling effect"[tiab]
OR "floor effect"[tiab]
OR "Item response model"[tiab]
OR IRT[tiab]
OR Rasch[tiab]
OR "Differential item functioning"[tiab]
OR DIF[tiab]
OR "computer adaptive testing"[tiab]
OR "item bank"[tiab]
OR "cross-cultural equivalence"[tiab])

NOT

("addresses"[tiab]
OR "biography"[tiab]
OR "case reports"[tiab])

OR "comment"[tiab]
OR "directory"[tiab]
OR "editorial"[tiab]
OR "festschrift"[tiab]
OR "interview"[tiab]
OR "lectures"[tiab]
OR "legal cases"[tiab]
OR "legislation"[tiab]
OR "letter"[tiab]
OR "news"[tiab]
OR "newspaper article"[tiab]
OR "patient education handout"[tiab]
OR "popular works"[tiab]
OR "congresses"[tiab]
OR "consensus development conference"[tiab]
OR "consensus development conference, nih"[tiab]
OR "practice guideline"[tiab]
OR "animals"[MeSH Terms])

1 **Terwee CB, Jansma EP, Riphagen II, *et al. Development of a methodological PubMed search filter for finding studies on measurement properties of measurement instruments. *Qual Life Res* 2009;**18**:1115–23. doi:10.1007/s11136-009-9528-5