Appendix 1. Search strategies

Performed October 25th 2018.

Suggested by Terwee et al:	**Search Strategy Pubmed:**	**Number of articles**
#1: construct	((((((((((pain measurement[MeSH Terms]) OR pain[Title/Abstract]) OR mouth opening[Title/Abstract]) OR range of motion[MeSH Terms]) OR range of motion[Title/Abstract]) OR quality of life[MeSH Terms]) OR quality of life[Title/Abstract]) OR stability[Title/Abstract]) OR coordination[Title/Abstract]) OR muscle performance[Title/Abstract]) OR function impairment[Title/Abstract]) OR diagnosis[Title/Abstract]	2603868
#2: population	((((((primary headache disorder[MeSH Terms]) OR secondary headache disorder[MeSH Terms]) OR cervicogenic headache[MeSH Terms]) OR disorder, migraine[MeSH Terms]) OR tension type headache[MeSH Terms]) OR headache[Title/Abstract]) OR migraine[Title/Abstract]	87490
#3: instrument	(((((questionnaire[MeSH Terms]) OR questionnaire[Title/Abstract]) OR physical examination[MeSH Terms]) OR physical examination[Title/Abstract]) OR performance based[Title/Abstract]) OR physical test[Title/Abstract]	2305843
#4: filter	(((instrumentation[sh] OR methods[sh] OR Validation Studies[pt] OR Comparative Study[pt] OR "psychometrics"[MeSH] OR psychometr*[tiab] OR clinimetr*[tw] OR clinometr*[tw] OR "outcome assessment (health	8757688

	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[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[tiab] OR precision[tiab] OR imprecision[tiab] OR "precise values"[tiab] 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*[tiab] OR	

	((replicab*[tiab] OR repeated[tiab]) AND (measure[tiab] OR measures[tiab] OR findings[tiab] OR result[tiab] OR results[tiab] OR test[tiab] OR tests[tiab])) 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 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 (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 ((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]))	
#5:	#1 AND #2 AND #3 AND #4	4652
#6: NOT filter	((("addresses"[Publication Type] OR "biography"[Publication Type] OR "case reports"[Publication Type] OR	12975051

	"comment"[Publication Type] OR "directory"[Publication Type] OR "editorial"[Publication Type] OR "festschrift"[Publication Type] OR "interview"[Publication Type] OR "lectures"[Publication Type] OR "legal cases"[Publication Type] OR "legislation"[Publication Type] OR "letter"[Publication Type] OR "news"[Publication Type] OR "newspaper article"[Publication Type] OR "patient education handout"[Publication Type] OR "popular works"[Publication Type] OR "congresses"[Publication Type] OR "consensus development conference"[Publication Type] OR "consensus development conference, nih"[Publication Type] OR "practice guideline"[Publication Type]) NOT ("animals"[MeSH Terms] NOT "humans"[MeSH Terms]) OR (cancer[sb] OR veterinary[sb] OR aids[sb] OR bioethics[sb] OR jsubsetd OR jsubsets OR jsubsete OR jsubsetq OR jsubsetqis)))	
#7	#5 NOT #6	3631
Suggested by Terwee et al:	**Search Strategy Cinahl:**	**Number of articles**
S1	MM pain OR AB pain OR AB mouth opening OR MM range of motion OR AB range of motion OR MM quality of life OR AB quality of life OR AB stability OR AB coordination OR AB muscle performance OR AB function impairment OR AB diagnosis	488267
S2	MJ headache OR TI headache OR AB headache OR TI migraine OR AB migraine	27971

S3	MH questionnaire OR AB questionnaire OR MH physical examination OR AB physical examination OR AB performance based test OR AB physical test	193293
S4	(MH "Psychometrics") or (TI psychometr* or AB psychometr*) or (TI clinimetr* or AB clinimetr*) or (TI clinometr* OR AB clinometr*) or (MH "Outcome Assessment") or (TI outcome assessment or AB outcome assessment) or (TI outcome measure* or AB outcome measure*) or (MH "Health Status Indicators") or (MH "Reproducibility of Results") or (MH "Discriminant Analysis") or ((TI reproducib* or AB reproducib*) or (TI reliab* or AB reliab*) or (TI unreliab* or AB unreliab*)) or ((TI valid* or AB valid*) or (TI coefficient or AB coefficient) or (TI homogeneity or AB homogeneity)) or (TI homogeneous or AB homogeneous) or (TI "coefficient of variation" or AB "coefficient of variation") or (TI "internal consistency" or AB "internal consistency") or (MH "Internal Consistency+") or (MH "Reliability+") or (MH "Measurement Error+") or (MH "Content Validity+") or "hypothesis testing" or "structural validity" or "cross-cultural validity" or (MH "Criterion-Related Validity+") or "responsiveness" or "interpretability" or (TI reliab* or AB reliab*) and ((TI test or AB test) OR (TI retest or AB retest)) or (TI stability or AB stability) or (TI interrater or AB interrater) or (TI inter-rater or AB inter-rater) or (TI intrarater or AB intrarater) or (TI intra-rater or AB intrarater) or (TI intertester or AB intertester) or (TI inter-tester or AB inter-tester) or (TI intratester or AB intratester) or (TI intra-tester or AB intra-tester) or (TI interobserver or AB	496904

	interobserver) or (TI inter-observer or AB inter-observer) or (TI intraobserver or AB intraobserver) or (TI intra-observer or AB intra-observer) or (TI intertechnician or AB intertechnician) or (TI inter-technician or AB inter-technician) or (TI intratechnician or AB intratechnician) or (TI intra-technician or AB intra-technician) or (TI interexaminer or AB interexaminer) or (TI inter-examiner or AB inter-examiner) or (TI intraexaminer or AB intraexaminer) OR (TI intra-examiner or AB intra-examiner) or (TI intra-examiner or AB intraexaminer) or (TI interassay or AB interassay) or (TI inter-assay or AB inter-assay) or (TI intraassay or AB intraassay) or (TI intra-assay or AB intra-assay) or (TI interindividual or AB interindividual) or (TI inter-individual or AB inter-individual) OR (TI intraindividual or AB intraindividual) or (TI intra-individual or AB intra-individual) or (TI interparticipant or AB interparticipant) or (TI inter-participant or AB inter-participant) or (TI intraparticipant or AB intraparticipant) or (TI intra-participant or AB intra-participant) or (TI kappa or AB kappa) or (TI kappa's or AB kappa's) or (TI kappas or AB kappas) or (TI repeatab* or AB repeatab*) or (TI responsive* or AB responsive*) or (TI interpretab* or AB interpretab*)	
S5	**S1 AND S2 AND S3 AND S4**	388
Suggested by Terwee et al:	**Search Strategy Cochrane:**	**Number of articles**

#1	"pain":ti,ab,kw or "mouth opening" or "range of motion":ti,ab,kw or "quality of life":ti,ab,kw or "stability" or "coordination":ti,ab,kw or "muscle performance" or "function impairment":ti,ab,kw (Word variations have been searched)	191444
#2	"headache":ti,ab,kw or "migraine":ti,ab,kw (Word variations have been searched)	25131
#3	"questionnaire":ti,ab,kw or "test":ti,ab,kw or "performance test":ti,ab,kw or "physical examination":ti,ab,kw (Word variations have been searched)	215482
#4	"validation studies" or "validation study":ti,ab,kw or "psychometrics":ti,ab,kw or "clinimetrics":ti,ab,kw or "Outcome and Assessment Information Set":ti,ab,kw or "outcome measure":ti,ab,kw (Word variations have been searched) or observer variation:ti,ab,kw or "reproducability":ti,ab,kw or "reliability":ti,ab,kw or standard error of measurement:ti,ab,kw (Word variations have been searched)	33005
#5	#1 AND #2 AND #3 AND #4	110