

Appendix E-1

Searching Performed on June 1, 2016

PubMed □ 366 Records (All Numbers Reduced After Excluding Duplication)

- Existing MeSH terms for anterior cruciate ligament:
 - anterior cruciate ligament
 - anterior cruciate ligament reconstruction
 - No terms like “acl injuries” or “acl tears”
- For title and abstract:
 - acl
 - anterior cruciate ligament
- Working terms:
 - "anterior cruciate ligament"[MeSH] OR "anterior cruciate ligament reconstruction"[MeSH] OR acl[tiab] OR "anterior cruciate ligament"[tiab]

Final Searching Terms

(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 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])

AND

("anterior cruciate ligament"[MeSH] OR "anterior cruciate ligament reconstruction"[MeSH] OR acl[tiab] OR "anterior cruciate ligament"[tiab])

AND

("patient reported" OR "patient administered" OR "self reported" OR "self administered" OR measure)

AND

(scale OR questionnaire OR index OR score OR instrument) (if specify to [tiab]then 197)

Embase □ **203 Records**

- Existing Emtree terms
 - 'anterior cruciate ligament'/exp □ 9,410
 - 'anterior cruciate ligament reconstruction'/exp □ 4,918
 - 'anterior cruciate ligament injury'/exp □ 2,172
 - 'anterior cruciate ligament injury'/exp OR 'anterior cruciate ligament reconstruction'/exp OR 'anterior cruciate ligament'/exp □ 14,204
- For title and abstract:
 - acl:ab,ti
 - 'anterior cruciate ligament':ab,ti

Final Searching Terms

'intermethod comparison'/exp OR 'intermethod comparison' OR 'data collection method'/exp OR 'data collection method' OR 'validation study'/exp OR 'validation study' OR 'feasibility study'/exp OR 'feasibility study' OR 'pilot study'/exp OR 'pilot study' OR 'psychometry'/exp OR 'psychometry' OR 'reproducibility'/exp OR 'reproducibility' OR reproducib*:ab,ti OR 'audit':ab,ti OR psychometr*:ab,ti OR clinimetr*:ab,ti OR clinometr*:ab,ti OR 'observer variation'/exp OR 'observer variation' OR 'observer variation':ab,ti OR 'discriminant analysis'/exp OR 'discriminant analysis' OR 'validity'/exp OR 'validity' OR reliab*:ab,ti OR valid*:ab,ti OR 'coefficient':ab,ti OR 'internal consistency':ab,ti OR (cronbach*:ab,ti AND ('alpha':ab,ti OR 'alphas':ab,ti)) OR 'item correlation':ab,ti OR 'item correlations':ab,ti OR 'item selection':ab,ti OR 'item selections':ab,ti OR 'item reduction':ab,ti OR 'item reductions':ab,ti OR 'agreement':ab,ti OR 'precision':ab,ti OR 'imprecision':ab,ti OR 'precise values':ab,ti OR 'test-retest':ab,ti OR ('test':ab,ti AND 'retest':ab,ti) OR (reliab*:ab,ti AND ('test':ab,ti OR 'retest':ab,ti)) OR 'stability':ab,ti OR 'interrater':ab,ti OR 'inter-rater':ab,ti OR 'intrarater':ab,ti OR 'intra-rater':ab,ti OR 'intertester':ab,ti OR 'inter-tester':ab,ti OR 'intratester':ab,ti OR 'interobserver':ab,ti OR 'inter-observer':ab,ti OR 'intraobserver':ab,ti OR

'intertechnician':ab,ti OR 'inter-technician':ab,ti OR 'intratechnician':ab,ti OR 'interexaminer':ab,ti OR 'inter-examiner':ab,ti OR 'intraexaminer':ab,ti OR 'interassay':ab,ti OR 'inter-assay':ab,ti OR 'intraassay':ab,ti OR 'intra-assay':ab,ti OR 'interindividual':ab,ti OR 'inter-individual':ab,ti OR 'intraindividual':ab,ti OR 'intra-individual':ab,ti OR 'interparticipant':ab,ti OR 'inter-participant':ab,ti OR 'intraparticipant':ab,ti OR 'kappa':ab,ti OR 'kappas':ab,ti OR 'coefficient of variation':ab,ti OR repeatab*:ab,ti OR (replicab*:ab,ti OR 'repeated':ab,ti AND ('measure':ab,ti OR 'measures':ab,ti OR 'findings':ab,ti OR 'result':ab,ti OR 'results':ab,ti OR 'test':ab,ti OR 'tests':ab,ti)) OR generaliza*:ab,ti OR generalisa*:ab,ti OR 'concordance':ab,ti OR ('intraclass':ab,ti AND correlation*:ab,ti) OR 'discriminative':ab,ti OR 'known group':ab,ti OR 'factor analysis':ab,ti OR 'factor analyses':ab,ti OR 'factor structure':ab,ti OR 'factor structures':ab,ti OR 'dimensionality':ab,ti OR subscale*:ab,ti OR 'multitrait scaling analysis':ab,ti OR 'multitrait scaling analyses':ab,ti OR 'item discriminant':ab,ti OR 'interscale correlation':ab,ti OR 'interscale correlations':ab,ti OR ('error':ab,ti OR 'errors':ab,ti AND (measure*:ab,ti OR correlat*:ab,ti OR evaluat*:ab,ti OR 'accuracy':ab,ti OR 'accurate':ab,ti OR 'precision':ab,ti OR 'mean':ab,ti)) OR 'individual variability':ab,ti OR 'interval variability':ab,ti OR 'rate variability':ab,ti OR 'variability analysis':ab,ti OR ('uncertainty':ab,ti AND ('measurement':ab,ti OR 'measuring':ab,ti)) OR 'standard error of measurement':ab,ti OR sensitiv*:ab,ti OR responsive*:ab,ti OR ('limit':ab,ti AND 'detection':ab,ti) OR 'minimal detectable concentration':ab,ti OR interpretab*:ab,ti OR (small*:ab,ti AND ('real':ab,ti OR 'detectable':ab,ti) AND ('change':ab,ti OR 'difference':ab,ti)) OR 'meaningful change':ab,ti OR 'minimal important change':ab,ti OR 'minimal important difference':ab,ti OR 'minimally important change':ab,ti OR 'minimally important difference':ab,ti OR 'minimal detectable change':ab,ti OR 'minimal detectable difference':ab,ti OR 'minimally detectable change':ab,ti OR 'minimally detectable difference':ab,ti OR 'minimal real change':ab,ti OR 'minimal real difference':ab,ti OR 'minimally real change':ab,ti OR 'minimally real difference':ab,ti OR 'ceiling effect':ab,ti OR 'floor effect':ab,ti OR 'item response model':ab,ti OR 'irt':ab,ti OR 'rasch':ab,ti OR 'differential item functioning':ab,ti OR 'dif':ab,ti OR 'computer adaptive testing':ab,ti OR 'item bank':ab,ti OR 'cross-cultural equivalence':ab,ti

AND

(acl OR 'anterior cruciate ligament')

AND

('patient reported' OR 'patient administered' OR 'self reported' OR 'self administered' OR measure)

AND

(scale OR questionnaire OR index OR score OR instrument)

Scopus □ **235 Records**

TITLE-ABS-KEY(reproducib*) OR TITLE-ABS-KEY('audit') OR TITLE-ABS-KEY(psychometr*) OR TITLE-ABS-KEY(clinimetr*) OR TITLE-ABS-KEY(clinometr*) OR TITLE-ABS-KEY('observer') OR TITLE-ABS-KEY('observer variation') OR TITLE-ABS-KEY(reliab*) OR TITLE-ABS-KEY(valid*) OR TITLE-ABS-KEY('coefficient') OR TITLE-ABS-KEY('internal consistency') OR TITLE-ABS-KEY((cronbach*) AND ('alpha' OR 'alphas')) OR TITLE-ABS-KEY('item correlation') OR TITLE-ABS-KEY('item correlations') OR TITLE-ABS-KEY('item selection') OR TITLE-ABS-KEY('item selections') OR TITLE-ABS-KEY('item

reduction') OR TITLE-ABS-KEY('item reductions') OR TITLE-ABS-KEY('agreement') OR TITLE-ABS-KEY('precision') OR TITLE-ABS-KEY('imprecision') OR TITLE-ABS-KEY('precise values') OR TITLE-ABS-KEY('test-retest') OR TITLE-ABS-KEY('test' AND 'retest') OR TITLE-ABS-KEY(reliab*) AND ('test' OR 'retest') OR TITLE-ABS-KEY('stability') OR TITLE-ABS-KEY('interrater') OR TITLE-ABS-KEY('inter-rater') OR TITLE-ABS-KEY('intrarater') OR TITLE-ABS-KEY('intra-rater') OR TITLE-ABS-KEY('intertester') OR TITLE-ABS-KEY('inter-tester') OR TITLE-ABS-KEY('intratester') OR TITLE-ABS-KEY('intratester') OR TITLE-ABS-KEY('interobserver') OR TITLE-ABS-KEY('inter-observer') OR TITLE-ABS-KEY('intraobserver') OR TITLE-ABS-KEY('intraobserver') OR TITLE-ABS-KEY('intertechician') OR TITLE-ABS-KEY('inter-technician') OR TITLE-ABS-KEY('intratechnician') OR TITLE-ABS-KEY('intratechnician') OR TITLE-ABS-KEY('interexaminer') OR TITLE-ABS-KEY('inter-examiner') OR TITLE-ABS-KEY('intraexaminer') OR TITLE-ABS-KEY('intraexaminer') OR TITLE-ABS-KEY('interassay') OR TITLE-ABS-KEY('inter-assay') OR TITLE-ABS-KEY('intraassay') OR TITLE-ABS-KEY('intra-assay') OR TITLE-ABS-KEY('interindividual') OR TITLE-ABS-KEY('inter-individual') OR TITLE-ABS-KEY('intraindividual') OR TITLE-ABS-KEY('intra-individual') OR TITLE-ABS-KEY('interparticipant') OR TITLE-ABS-KEY('inter-participant') OR TITLE-ABS-KEY('intraparticipant') OR TITLE-ABS-KEY('intraparticipant') OR TITLE-ABS-KEY('kappa') OR TITLE-ABS-KEY('kappas') OR TITLE-ABS-KEY('coefficient of variation') OR TITLE-ABS-KEY(repeat*) OR TITLE-ABS-KEY((replicab* OR 'repeated') AND ('measure' OR 'measures' OR 'findings' OR 'result' OR 'results' OR 'test' OR 'tests')) OR TITLE-ABS-KEY(generaliza* OR generalisa*) OR TITLE-ABS-KEY('concordance') OR TITLE-ABS-KEY('intraclass' AND correlation) OR TITLE-ABS-KEY('discriminative') OR TITLE-ABS-KEY('known group') OR TITLE-ABS-KEY('factor analysis') OR TITLE-ABS-KEY('factor analyses') OR TITLE-ABS-KEY('factor structure') OR TITLE-ABS-KEY('factor structures') OR TITLE-ABS-KEY('dimensionality') OR TITLE-ABS-KEY(subscale*) OR TITLE-ABS-KEY('multitrait scaling analysis') OR TITLE-ABS-KEY('multitrait scaling analyses') OR TITLE-ABS-KEY('item discriminant') OR TITLE-ABS-KEY('interscale correlation') OR TITLE-ABS-KEY('interscale correlations') OR TITLE-ABS-KEY(('error' OR 'errors') AND (measure OR correlat* OR evaluat* OR 'accuracy' OR 'accurate' OR 'precision' OR 'mean')) OR TITLE-ABS-KEY('individual variability') OR TITLE-ABS-KEY('interval variability') OR TITLE-ABS-KEY('rate variability') OR TITLE-ABS-KEY('variability analysis') OR TITLE-ABS-KEY('uncertainty' AND ('measurement' OR 'measuring')) OR TITLE-ABS-KEY('standard error of measurement') OR TITLE-ABS-KEY(sensitiv*) OR TITLE-ABS-KEY(responsive*) OR TITLE-ABS-KEY('limit' AND 'detection') OR TITLE-ABS-KEY('minimal detectable concentration') OR TITLE-ABS-KEY(interpretab*) OR TITLE-ABS-KEY(small* AND ('real' OR 'detectable') AND ('change' OR 'difference')) OR TITLE-ABS-KEY('meaningful change') OR TITLE-ABS-KEY('minimal important change') OR TITLE-ABS-KEY('minimal important difference') OR TITLE-ABS-KEY('minimally important change') OR TITLE-ABS-KEY('minimally important difference') OR TITLE-ABS-KEY('minimal detectable change') OR TITLE-ABS-KEY('minimal detectable difference') OR TITLE-ABS-KEY('minimally detectable change') OR TITLE-ABS-KEY('minimally detectable difference') OR TITLE-ABS-KEY('minimal real change') OR TITLE-ABS-KEY('minimal real difference') OR TITLE-ABS-KEY('minimally real change') OR TITLE-ABS-KEY('minimally real difference') OR TITLE-

ABS-KEY('ceiling effect') OR TITLE-ABS-KEY('floor effect') OR TITLE-ABS-KEY('item response model') OR TITLE-ABS-KEY('irt') OR TITLE-ABS-KEY('rasch') OR TITLE-ABS-KEY('differential item functioning') OR TITLE-ABS-KEY('dif') OR TITLE-ABS-KEY('computer adaptive testing') OR TITLE-ABS-KEY('item bank') OR TITLE-ABS-KEY('cross-cultural equivalence')

AND

TITLE-ABS-KEY (acl) OR TITLE-ABS-KEY ('anterior cruciate ligament')

AND

(scale OR questionnaire OR INDEX OR score OR instrument)

AND

('patient reported' OR 'patient administered' OR 'self reported' OR 'self administered' OR measure)

Cochrane Library □ ***37 Records***

([mh psychometrics] OR psychometr*:ti,ab OR clinimetr*:ti,ab OR clinometr*:ti,ab OR [mh "outcome assessment (health care)"] OR outcome assessment:ti,ab OR outcome measure*:ti,ab OR [mh "observer variation"] OR observer variation:ti,ab OR [mh "Health Status Indicators"] OR [mh "reproducibility of results"] OR reproducib*:ti,ab OR [mh "discriminant analysis"] OR reliab*:ti,ab OR unreliab*:ti,ab OR valid*:ti,ab OR coefficient:ti,ab OR homogeneity:ti,ab OR homogeneous:ti,ab OR "internal consistency":ti,ab OR (cronbach*:ti,ab AND (alpha:ti,ab OR alphas:ti,ab)) OR (item:ti,ab AND (correlation*:ti,ab OR selection*:ti,ab OR reduction*:ti,ab)) OR agreement:ti,ab OR precision:ti,ab OR imprecision:ti,ab OR "precise values":ti,ab OR test-retest:ti,ab OR (test:ti,ab AND retest:ti,ab) OR (reliab*:ti,ab AND (test:ti,ab OR retest:ti,ab)) OR stability:ti,ab OR interrater:ti,ab OR inter-rater:ti,ab OR intrarater:ti,ab OR intra-rater:ti,ab OR intertester:ti,ab OR inter-tester:ti,ab OR intratester:ti,ab OR intra-tester:ti,ab OR interobserver:ti,ab OR inter-observer:ti,ab OR intraobserver:ti,ab OR intra-observer:ti,ab OR intertechnician:ti,ab OR inter-technician:ti,ab OR intratechnician:ti,ab OR intra-technician:ti,ab OR interexaminer:ti,ab OR inter-examiner:ti,ab OR intraexaminer:ti,ab OR intra-examiner:ti,ab OR interassay:ti,ab OR inter-assay:ti,ab OR intraassay:ti,ab OR intra-assay:ti,ab OR interindividual:ti,ab OR inter-individual:ti,ab OR intraindividual:ti,ab OR intra-individual:ti,ab OR interparticipant:ti,ab OR inter-participant:ti,ab OR intraparticipant:ti,ab OR intra-participant:ti,ab OR kappa:ti,ab OR kappa's:ti,ab OR kappas:ti,ab OR repeatab*:ti,ab OR ((replicab*:ti,ab OR repeated:ti,ab) AND (measure:ti,ab OR measures:ti,ab OR findings:ti,ab OR result:ti,ab OR results:ti,ab OR test:ti,ab OR tests:ti,ab)) OR generaliza*:ti,ab OR generalisa*:ti,ab OR concordance:ti,ab OR (intraclass:ti,ab AND correlation*:ti,ab) OR discriminative:ti,ab OR "known group":ti,ab OR factor analysis:ti,ab OR factor analyses:ti,ab OR dimension*:ti,ab OR subscale*:ti,ab OR (multitrait:ti,ab AND scaling:ti,ab AND (analysis:ti,ab OR analyses:ti,ab)) OR item discriminant:ti,ab OR interscale correlation*:ti,ab OR error:ti,ab OR errors:ti,ab OR "individual variability":ti,ab OR (variability:ti,ab AND (analysis:ti,ab OR values:ti,ab)) OR (uncertainty:ti,ab AND (measurement:ti,ab OR measuring:ti,ab)) OR "standard error of measurement":ti,ab OR sensitiv*:ti,ab OR responsive*:ti,ab OR ((minimal:ti,ab OR minimally:ti,ab OR clinical:ti,ab OR clinically:ti,ab) AND (important:ti,ab OR significant:ti,ab OR detectable:ti,ab) AND (change:ti,ab OR difference:ti,ab)) OR (small*:ti,ab AND (real:ti,ab OR detectable:ti,ab) AND (change:ti,ab OR

difference:ti,ab)) OR meaningful change:ti,ab OR "ceiling effect":ti,ab OR "floor effect":ti,ab OR "Item response model":ti,ab OR IRT:ti,ab OR Rasch:ti,ab OR "Differential item functioning":ti,ab OR DIF:ti,ab OR "computer adaptive testing":ti,ab OR "item bank":ti,ab OR "cross-cultural equivalence":ti,ab)

AND

(acl OR "anterior cruciate ligament")

AND

(scale or questionnaire or index or score or instrument)

AND

("patient reported" or "patient administered" or "self reported" or "self administered" or measure)

CINAHL (277) + SPORTDiscus (77) + PsychINFO (102) (using EBSCOhost)

- For title and abstract: typing in “anterior cruciate ligament” only retrieves 7,000 or so articles, so no need to specify to title or abstract
(scale OR index OR questionnaire OR score OR instrument)

AND

("patient reported" OR "self reported" OR "patient administered" OR "self administered" OR measure)

AND

(acl OR "anterior cruciate ligament")

AND

(TI psychometr* OR TI observer variation OR TI reproducib* OR TI reliab* OR TI unreliab* OR TI valid* OR TI coefficient OR TI homogeneity OR TI homogeneous OR TI "internal consistency" OR AB psychometr* OR AB observer variation OR AB reproducib* OR AB reliab* OR AB unreliab* OR AB valid* OR AB coefficient OR AB homogeneity OR AB homogeneous OR AB "internal consistency" OR (TI cronbach* OR AB cronbach* AND (TI alpha OR AB alpha OR TI alphas OR AB alphas)) OR (TI item OR AB item AND (TI correlation* OR AB correlation* OR TI selection* OR AB selection* OR TI reduction* OR AB reduction*)) OR TI agreement OR TI precision OR TI imprecision OR TI "precise values" OR TI test-retest OR AB agreement OR AB precision OR AB imprecision OR AB "precise values" OR AB test-retest OR (TI test OR AB test AND TI retest OR AB retest) OR (TI reliab* OR AB reliab* AND (TI test OR AB test OR TI retest or AB retest)) OR TI stability OR TI interrater OR TI interrater OR TI intrarater OR TI intra-rater OR TI intertester OR TI inter-tester OR TI intratester OR TI intra-tester OR TI interobserver OR TI inter-observer OR TI intraobserver OR TI intra-observer OR TI intertechnician OR TI inter-technician OR TI intratechnician OR TI intra-technician OR TI interexaminer OR TI inter-examiner OR TI intraexaminer OR TI intra-examiner OR TI interassay OR TI inter-assay OR TI intraassay OR TI intra-assay OR TI interindividual OR TI inter-individual OR TI intraindividual OR TI intra-individual OR TI interparticipant OR TI inter-participant OR TI intraparticipant OR TI intra-participant OR TI kappa OR TI kappa's OR TI kappas OR TI repeatab* OR AB stability OR AB interrater OR AB inter-rater OR AB intrarater OR AB intra-rater OR AB intertester OR AB inter-tester OR AB intratester OR AB intra-tester OR AB interobserver OR AB inter-observer OR AB intraobserver OR AB intra-observer OR AB intertechnician OR AB inter-technician OR AB intratechnician

OR AB intra-technician OR AB interexaminer OR AB inter-examiner OR AB intraexaminer OR AB intra-examiner OR AB interassay OR AB inter-assay OR AB intraassay OR AB intra-assay OR AB interindividual OR AB inter-individual OR AB intraindividual OR AB intra-individual OR AB interparticipant OR AB inter-participant OR AB intraparticipant OR AB intra-participant OR AB kappa OR AB kappa's OR AB kappas OR AB repeatab* OR ((TI replicab* OR AB replicab* OR TI repeated OR AB repeated) AND (TI measure OR AB measure OR TI measures OR AB measures OR TI findings OR AB findings OR TI result OR AB result OR TI results OR AB results OR TI test OR AB test OR TI tests OR AB tests)) OR TI generaliza* OR TI generalisa* OR TI concordance OR AB generaliza* OR AB generalisa* OR AB concordance OR (TI intraclass OR AB intraclass AND TI correlation* or AB correlation*) OR TI discriminative OR TI "known group" OR TI factor analysis OR TI factor analyses OR TI dimension* OR TI subscale* OR AB discriminative OR AB "known group" OR AB factor analysis OR AB factor analyses OR AB dimension* OR AB subscale* OR (TI multitrait OR AB multitrait AND TI scaling OR AB scaling AND (TI analysis OR AB analysis OR TI analyses OR AB analyses)) OR TI item discriminant OR TI interscale correlation* OR TI error OR TI errors OR TI "individual variability" OR AB item discriminant OR AB interscale correlation* OR AB error OR AB errors OR AB "individual variability" OR (TI variability OR AB variability AND (TI analysis OR AB analysis OR TI values OR AB values)) OR (TI uncertainty OR AB uncertainty AND (TI measurement OR AB measurement OR TI measuring OR AB measuring)) OR TI "standard error of measurement" OR TI sensitiv* OR TI responsive* OR AB "standard error of measurement" OR AB sensitiv* OR AB responsive* OR ((TI minimal OR TI minimally OR TI clinical OR TI clinically OR AB minimal OR AB minimally OR AB clinical OR AB clinically) AND (TI important OR TI significant OR TI detectable OR AB important OR AB significant OR AB detectable) AND (TI change OR AB change OR TI difference OR AB difference)) OR (TI small* OR AB small* AND (TI real OR AB real OR TI detectable OR AB detectable) AND (TI change OR AB change OR TI difference OR AB difference)) OR TI meaningful change OR TI "ceiling effect" OR TI "floor effect" OR TI "Item response model" OR TI IRT OR TI Rasch OR TI "Differential item functioning" OR TI DIF OR TI "computer adaptive testing" OR TI "item bank" OR TI "cross-cultural equivalence" OR TI outcome assessment OR AB meaningful change OR AB "ceiling effect" OR AB "floor effect" OR AB "Item response model" OR AB IRT OR AB Rasch OR AB "Differential item functioning" OR AB DIF OR AB "computer adaptive testing" OR AB "item bank" OR AB "cross-cultural equivalence" OR AB outcome assessment)

Web of Science □ **555 Records**

- Tips: Topics include titles, abstracts,
(TS=psychometr* OR TS="outcome assessment" OR TS="observer variation" OR TS=reproducib* OR TS=reliab* OR TS=unreliab* OR TS=valid* OR TS=coefficient OR TS=homogeneity OR TS=homogeneous OR TS="internal consistency" OR TS=(cronbach* AND (alpha OR alphas)) OR TS=(item AND (correlation* OR selection* OR reduction*)) OR TS=agreement OR TS=precision OR TS=imprecision OR TS=(precise values) OR TS=test-retest OR TS=(test AND retest) OR TS=(reliab* AND (test OR retest)) OR TS=stability OR TS=interrater OR TS=inter-rater OR TS=intrarater OR TS=intra-rater OR TS=intertester OR TS=inter-tester OR TS=intratester OR TS=intra-tester OR TS=interobserver OR TS=inter-

observer OR TS=intraobserver OR TS=intra-observer OR TS=intertechnician OR TS=inter-technician OR TS=intratechnician OR TS=intra-technician OR TS=interexaminer OR TS=inter-examiner OR TS=intraexaminer OR TS=intra-examiner OR TS=interassay OR TS=inter-assay OR TS=intraassay OR TS=intra-assay OR TS=interindividual OR TS=inter-individual OR TS=intraindividual OR TS=intra-individual OR TS=interparticipant OR TS=inter-participant OR TS=intraparticipant OR TS=intra-participant OR TS=kappa OR TS=kappa's OR TS=kappas OR TS=repeatab* OR TS=((replicab* OR repeated) AND (measure OR measures OR findings OR result OR results OR test OR tests)) OR TS=generaliza* OR TS=generalisa* OR TS=concordance OR TS=(intraclass AND correlation*) OR TS=discriminative OR TS=(known group) OR TS="factor analysis" OR TS="factor analyses" OR TS=dimension* OR TS=subscale* OR TS=(multitrait AND scaling AND (analysis OR analyses)) OR TS="item discriminant" OR TS="interscale correlation*" OR TS=(error OR errors) OR TS="individual variability" OR TS=(variability AND (analysis OR values)) OR TS=(uncertainty AND (measurement OR measuring)) OR TS="standard error" OR TS="of measurement" OR TS=sensitiv* OR TS=responsive* OR TS=((minimal OR minimally OR clinical OR clinically) AND (important OR significant OR detectable) AND (change OR difference)) OR TS=(small* AND (real OR detectable) AND (change OR difference)) OR TS="meaningful change" OR TS="minimal important change" OR TS="minimal important difference" OR TS="minimally important change" OR TS="minimally important difference" OR TS="minimal detectable change" OR TS="minimal detectable difference" OR TS="minimally detectable change" OR TS="minimally detectable difference" OR TS="minimal real change" OR TS="minimal real difference" OR TS="minimally real change" OR TS="minimally real difference" OR TS="ceiling effect" OR TS="floor effect" OR TS="Item response model" OR TS=IRT OR TS=Rasch OR TS="Differential item functioning" OR TS=DIF OR TS="computer adaptive testing" OR TS="item bank" OR TS="cross-cultural equivalence")
AND
TS=("anterior cruciate ligament" OR acl)
AND
TS=(scale OR index OR score OR questionnaire OR instrument)
AND
TS=("patient reported" OR "self administered" OR "self reported" OR "patient administered" OR measure)