Appendix 1 – search strategy Pubmed

# 1
PROMIS[tiab] OR Patient-Reported Outcomes Measurement Information System*[tiab] OR "item response model*[tiab] OR IRT[tiab] OR Rasch[tiab] OR "Differential item functioning"[tiab] OR DIF[tiab] OR computer adaptive test*[tiab] OR "item bank*[tiab] AND (PROMIS[tw] OR Patient-Reported Outcomes Measurement Information System*[tw])

# 2
("Physical Fitness"[Mesh] OR "Disable Evaluation"[Mesh] OR "Exercise"[Mesh] OR physical function*[tiab] OR PF[tiab] OR physical health*[tiab] OR upper extremity*[tiab] OR mobility*[tiab])

# 3
[instrumentation][sh] OR methods[sh] OR "Validation Studies"[pt] OR "Comparative Study"[pt] OR psychometrics*[MeSH] OR psychométr*[tiab] OR clinimétr*[tw] OR clinimétrie*[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 reproductive[tiab] OR "discriminant analysis*[MeSH] OR rebias*[tiab] OR unrebias*[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 alpha[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 (relbias*[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 (inter[tiab] OR intra[tiab] OR interobserver[tiab] OR intraobserver[tiab] OR interexaminer[tiab] OR intraexaminer[tiab] OR inter-technician[tiab] OR intra-technician[tiab] OR interexaminer[tiab] OR intraexaminer[tiab] OR inter-technician[tiab] OR intra-technician[tiab] OR interassay[tiab] OR intra-assay[tiab] OR intra-assay[tiab] OR inter-assay[tiab] OR inter-individual[tiab] OR intra-individual[tiab] OR intra-individual[tiab] OR inter-participant[tiab] OR intra-participant[tiab] OR intra-participant[tiab] OR intra-participant[tiab] OR intra-individual[tiab] OR inter-individual[tiab] OR inter-participant[tiab] OR intra-participant[tiab] OR intra-individual[tiab] OR inter-individual[tiab] OR inter-participant[tiab] OR intra-participant[tiab] OR intra-participant[tiab] OR kappa[tiab] OR kappa's[tiab] OR kappas[tiab] OR reatab*[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 generalis*[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 "sensitivity*[tiab] OR "sensitivity*[tiab] OR "specificity*[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])

# 4
"Netherlands*[Mesh] OR Netherlands[tiab] OR Dutch[tiab] OR "Belgium*[Mesh] OR Belgium[tiab] OR Flemish[tiab]

# 5: Exclusion filter
("addresses*[Publication Type] OR "biography*[Publication Type] OR "case reports*[Publication Type] OR "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])