

Appendix 1: Comparison of search terms, which were combined one by one (in ranking order of sensitivity). For each combination of search terms, together with the Yale methodological research filter for prognosis and natural history, we calculated the comprehensiveness (%) and efficiency User friendly expressed as the Number Needed to Read (NNR). In bold the WDP-P and WDP-R. In parentheses the 95% Confidence Interval (CI).

Combination of search terms	Comprehensiveness (95% CI)	Efficiency (95% CI)
VAS	11 (7-15)	5 (3-7)
VAS OR "disability index"	31 (25-37)	4 (3-5)
VAS OR "disability index" OR disability evaluation[mh]	52 (46-59)	6 (5-8)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog"	55 (48-61)	7 (6-8)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement (WDP-P)	68 (61-74)	13 (11-15)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh]	71 (65-77)	14 (12-16)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "sick leave"	76 (70-81)	14 (12-16)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "sick leave" OR "functional outcome"	77 (77-83)	14 (12-16)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "sick leave" OR "functional outcome" OR sick	78 (72-83)	14 (13-17)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function"	78 (73-84)	14 (13-17)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life"	86 (82-91)	16 (14-19)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life" OR sick leave[mh]	86 (82-91)	16 (14-19)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life" OR "functional status"	87 (82-91)	16 (14-19)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life" OR "functional status" OR "health status"	87 (82-91)	16 (14-19)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life" OR "functional status" OR "health status" OR functioning	88 (84-93)	18 (16-21)
VAS OR "disability index" OR disability evaluation[mh] OR "visual analog" OR improvement OR recovery of function[mh] OR "functional outcome" OR sick OR "physical function" OR "quality of life" OR "functional status" OR "health status" OR functioning OR activities (WDP-R)	90 (86-94)	20 (17-34)