Appendix 1 Full Search Strategy

MEDLINE (OvidSP) search strategy (searched 9/3/16)

1	exp Patient Readmission/
2	rehospitali*.tw.
3	readmission*.tw.
4	(hospital adj10 readmission*).tw.
5	(unplanned adj10 readmission*).tw.
6	(patient adj5 readmi*).tw.
7	readmit*.tw.
8	re-admission*.tw.
9	(repeat* adj5 hospital*).tw.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	predictive factor*.tw.
12	predict*.tw.
13	exp "Predictive Value of Tests"/
14	exp ROC Curve/
15	roc.tw.
16	c-statistic*.tw.
17	exp "Sensitivity and Specificity"/
18	(sensitivity adj5 specificity).tw.
19	model*.tw.
20	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19
21	10 and 20
22	limit 21 to yr="2010 - 2015"

Embase (OvidSP) search strategy (searched 9/3/16)

1	exp hospital readmission/
2	rehospitali*.tw.
3	readmission*.tw.
4	(hospital adj10 readmission*).tw.
5	(unplanned adj10 readmission*).tw.
6	(patient adj5 readmi*).tw.
7	readmit*.tw.
8	re-admission*.tw.
9	(repeat* adj5 hospital*).tw.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	predictive factor*.tw.
12	predict*.tw.
13	exp roc curve/ or exp receiver operating characteristic/
14	roc.tw.
15	c-statistic*.tw.
16	exp "sensitivity and specificity"/
17	(sensitivity adj5 specificity).tw.
18	exp model/
19	model*.tw.
20	exp predictive value/ or exp predictive validity/
21	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20
22	10 and 21
23	limit 22 to yr="2010 - 2015"

CINAHL (EBSCO) search strategy (search 9/3/16)

S18	S11 AND S17	Limiters - Published Date: 20100101-20151231
S17	S12 OR S13 OR S14 OR S15 OR S16	
S16	re-admission*	
S15	readmit*	
S14	readmission*	
S13	rehospitali*	
S12	(MH "Readmission")	
S11	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10	
S10	(MH "Predictive Value of Tests")	
S9	(MH "Predictive Validity")	
S8	predict*	
S7	predictive factor*	
S6	(MH "Sensitivity and Specificity")	
S5	sensitiv* n5 specific*	
S4	"model*"	
S3	c-statistic*	
S2	"ROC"	
S1	(MH "ROC Curve")	