Supplementary file - Search strategy

1. Search strategy for MEDLINE (OVID interface)	
1. Low back pain	low back pain/
2. Recurrence / Persistence	recurren* or remiss* or repeat* or episod* or relapse
3. Prediction	predict* or prognos* or risk factor* or associat*
4. Cohort studies	longitudinal or cohort or follow up or prospective
5.	1 and 2 and (3 or 4)

2. Search strategy for EMBASE (OVID interface)	
1. Low back pain	low back pain/
2. Recurrence / Persistence	(recurren* or remiss* or repeat* or episod* or relapse).mp
3. Prediction	(predict* or prognos* or risk factor* or associat*).mp
4. Cohort studies	(longitudinal or cohort or follow up or prospective).mp
5.	1 and 2 and 3 and 4

3. Search strategy for APA PsycInfo (OVID interface)	
1. Low back pain	low back pain/
2. Recurrence / Persistence	(recurren* or remiss* or repeat* or episod* or relapse).mp
3. Prediction	(predict* or prognos* or risk factor* or associat*).mp
4. Cohort studies	(longitudinal or cohort or follow up or prospective).mp
5.	1 and 2 and (3 or 4)

4. Search strategy for PubMed

1. Low back pain	low back pain [MesH]
2. Recurrence / Persistence	recurrence [MeSH] OR recurrent OR remission OR repeat OR episod* OR relapse
3. Prediction	predict* OR prognosis [MeSH] OR risk factor [MeSH] OR associat*
4. Cohort studies	longitudinal OR cohort OR follow up OR prospective
5.	#1 AND #2 AND (#3 OR #4)

5. Search strategy for Cinahl Plus

1. Low back pain	(MH "Low Back Pain") OR (MH "Back Pain")
2. Recurrence / Persistence	recurren* OR remiss* OR repeat* OR episod* OR relapse
3. Prediction	predict* OR prognos* OR risk factor* OR associat*
4. Cohort studies	longitudinal OR cohort OR follow up OR prospective
5.	S1 AND S2 AND (S3 OR S4)

6. Search strategy for Web of science

(((TS=(low back pain)) AND TS=(recurren* OR remiss* OR repeat* OR episod* OR relapse)) AND TS=(predict* OR prognos* OR risk factor* OR associat*)) AND TS=(longitudinal OR cohort OR follow up OR prospective)

Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)

BMJ Open

7. Search strategy for Scopus

TITLE-ABS-KEY ("Low Back Pain") AND TITLE-ABS-KEY (recurren* OR remiss* OR repeat* OR episod* OR relapse) AND TITLE-ABS-KEY (predict* OR prognos* OR "risk factor*" OR "associat*") AND TITLE-ABS-KEY (longitudinal OR cohort OR "follow up" OR prospective) AND (LIMIT-TO (DOCTYPE , "ar")) AND (LIMIT-TO (LANGUAGE , "English"))