

Table SI. Search strategy for PubMed (retrieved on February 7, 2021).

Search ID	Search terms
1	obstructive sleep apnea[MeSH Terms]
2	sleep apnea syndrome[MeSH Terms]
3	((obstructive sleep apnea[Title/Abstract]) OR (sleep apnea syndrome[Title/Abstract])) OR (OSA[Title/Abstract])
4	(#1 OR #2) OR #3
5	((predict*[Title/Abstract]) OR (independent[Title/Abstract])) OR (factor*[Title/Abstract]) OR (variable*[Title/Abstract])
6	((purchas*[Title/Abstract]) OR (buy[Title/Abstract] OR bought[Title/Abstract])) OR (pay[Title/Abstract] OR paid[Title/Abstract]) OR (expend*[Title/Abstract] OR spend*[Title/Abstract])
7	(#4 AND #5) AND #6

MeSH, medical subject headings; OSA, obstructive sleep apnea.

Table SII. Search strategy for Central (retrieved on February 7, 2021).

Search ID	Search terms
1	MeSH descriptor: [Sleep Apnea Syndromes] explode all trees
2	MeSH descriptor: [Sleep Apnea, Obstructive] explode all trees
3	(obstructive sleep apnea):ti,ab,kw OR (sleep apnea syndrome):ti,ab,kw OR (OSA):ti,ab,kw
4	(#1 OR #2) OR #3
5	((predict* OR independent) OR (factor* OR variable*)):ti,ab,kw (Word variations have been searched)
6	(purchas* OR (buy OR bought) OR (pay OR paid) OR (expend* OR spend*)):ti,ab,kw
7	(#4 AND #5) AND #6

MeSH, medical subject headings; OSA, obstructive sleep apnea; ti,title; ab, abstract; kw, keywords.

Table SIII. Search strategy for ISI Web of science (retrieved on February 7, 2021).

Search ID	Search terms
1	TI = (obstructive sleep apnea)
2	AB= (obstructive sleep apnea)
3	TI=(sleep apnea syndrome*)
4	AB=(sleep apnea syndrome*)
5	TI=OSA OR AB=OSA
6	#5 OR #4 OR #3 OR #2 OR #1
7	TI=predict* OR AB=predict*
8	TI=independent OR AB=independent
9	TI=factor* OR AB=factor*
10	TI=variable* OR AB=variable*
11	#10 OR #9 OR #8 OR #7
12	TI=purchas* OR AB=purchas*
13	(TI=buy OR AB=buy) OR (TI=bought OR AB=bought)
14	(TI=pay OR AB=pay) OR (TI=paid OR AB=paid)
15	(TI=expend* OR AB=expend*) OR (TI=spend* OR AB=spend*)
16	#15 OR #14 OR #13 OR #12
17	#16 AND #11 AND #6

AB, abstract; OSA, obstructive sleep apnea; TI, title.

Table SIV. Search strategy for Scopus (retrieved on February 8, 2021).

Search area	Search terms
TITLE	Obstructive, sleep, apnea, syndrome*, osa, predict*, independent, factor*, variable*, purchas*, buy, bought, expend*, spend*, pay, paid
ABS	Obstructive, sleep, apnea, syndrome*, osa, predict*, independent, factor*, variable*, purchas*, buy, bought, expend*, spend*, pay, paid
KEY	Obstructive, sleep, apnea, syndrome*, osa, predict*, independent, factor*, variable*, purchas*, buy, bought, expend*, spend*, pay, paid
SUMMARY	((TITLE-ABS-KEY(obstructive AND sleep AND apnea) OR TITLE-ABS-KEY (sleep AND apnea AND syndrome*) OR TITLE-ABS-KEY (osa))) AND ((TITLE-ABS-KEY (predict*) OR TITLE-ABS-KEY (independent) OR TITLE-ABS-KEY(factor*) OR TITLE-ABS-KEY(variable* ))) AND ((TITLE-ABS-KEY (purchas*) OR TITLE-ABS-KEY(buy) OR TITLE-ABS-KEY( bought) OR TITLE-ABS-KEY (expend*) OR TITLE-ABS-KEY(spend*) OR TITLE-ABS-KEY ( pay) OR TITLE-ABS-KEY (paid)))

ABS, abstract; KEY: keywords.

Table SV. Search strategy for CINAHL Plus (retrieved on February 8, 2021).

Search ID	Search terms
S1	TI (obstructive sleep apnea or obstructive sleep apnoea or osa) OR AB (obstructive sleep apnea or obstructive sleep apnoea or osa)
S2	TI sleep apnea syndrome* OR AB sleep apnea syndrome*
S3	TI OSA OR AB OSA
S4	(TI OSA OR AB OSA) AND (S1 OR S2 OR S3)
S5	TI predict* OR AB predict*
S6	TI independent OR AB independent
S7	TI factor* OR AB factor*
S8	TI variable* OR AB variable*
S9	(TI variable* OR AB variable*) AND (S5 OR S6 OR S7 OR S8)
S10	TI purchas* OR AB purchas*
S11	TI ( buy OR bought ) OR AB ( buy OR bought )
S12	TI ( pay OR paid ) OR AB ( pay OR paid )
S13	TI expend* OR AB expend*
S14	TI spend* OR AB spend*
S15	(TI spend* OR AB spend*) AND (S10 OR S11 OR S12 OR S13 OR S14)
S16	((TI spend* OR AB spend*) AND (S10 OR S11 OR S12 OR S13 OR S14)) AND (S4 AND S9 AND S15)

AB, abstract; OSA, obstructive sleep apnea; TI, title.