

**Additional file 3: Table S3** Quality assessment of included cohort studies using the Newcastle–Ottawa Scale.

Included studies First author /Year	Subject selection			Comparability Control of confounding factors	Outcome			Score	
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure		Demonstration that outcome of interest was not present at start of study	Assessment of outcome	Was follow-up long enough		Adequacy of follow up of cohorts
Sõritsa 2015[18]	1	1	1		1	1	1	1	7
Tamura 2014[19]	1	1	1		1	1	1	1	7
Ma 2008[20]	1	1	1	1	1	1	1	1	8
Nakamura 1992[21]	1	1	1		1	1	1	1	7
Wang F 2017[22]	1	1	1		1	1	1	1	7
Du H 2017[23]	1	1	1		1	1	1	1	7
Jiang YH 2016[24]	1	1	1		1	1	1	1	7
Zhang QF 2015[25]	1	1	1		1	1	1	1	7
Song N 2014[26]	1	1	1		1	1	1	1	7
Deng HL 2012[27]	1	1	1		1	1	1	1	7
Sun YL 2012[28]	1	1	1		1	1	1	1	7
Niu HY 2011[29]	1	1	1		1	1	1	1	7
Cheng D 2010[30]	1	1	1		1	1	1	1	7
Wang L 2009[31]	1	1	1		1	1	1	1	7