Supplementary Table 2. Quality assessment of studies included using the Newcastle–Ottawa Quality Assessment Scale for cohort studies

Study	Selection				Comparability	Outcome			Total score
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure	No outcome of interest at start of study	A: Study controls for age and/or BMI B: Study controls for other confounders	A: Doctor's diagnosis OR objective measurements B: Parent/self-reported doctor's diagnosis OR use of medication	Follow-up long enough for outcomes	Adequacy of follow-up of cohorts	
Capula et al. (2013) [81]	*	*	*	*	**	*	*	*	9*
Karmon et al. (2009) [82]	*	*	*	*		*	*	*	7*
Moses et al. (1995) [86]	*	*	*	*		*	*	*	7*
Waters et al. (2016) [85]	*	*	*	*	**	*	*	*	9*
Gu et al. (2019) [84]	*	*	*	*	**	*	*	*	8*
Anderberg et al. (2010) [80]	*	*	*	*	**	*	*	*	8*
Avalos et al. (2013) [79]	*	*	*	*		*	*	*	7*
Wahabi et al. (2017) [78]	*	*	*	*	**	*	*	*	9*
Meek et al. (2015) [77]	*	*	*	*	**	*	*	*	9*
Boghossian et al. (2014) [76]	*	*	*	*	**	*	*	*	9*
Kawakita et al. (2017) [75]	*	*	*	*		*	*	*	7*
Brand et al. (2018) [74]	*	*	*	*	**	*	*	*	9*
Kaul et al. (2015) [73]	*	*	*	*	**	*	*	*	9*
Chen et al. (2019) [72]	*	*	*	*	**	*	*	*	9*
Kgosidialwa et al. (2015) [70]	*	*	*	*		*	*	*	7*
Feng et al. (2017) [71]	*	*	*	*	*	*	*	*	8*
Gillespie et al. (2013) [64]	*	*	*	*	*	*	*	*	8*
Morikawa et al. (2017) [57]	*	*	*	*		*	*	*	7*
Schwartz et al. (1999) [54]	*	*	*	*		*	*	*	7*
Savona-Ventura et al. (2013) [50]	*	*	*	*		*	*	*	7*
Koivunen et al. (2017) [47]	*	*	*	*		*	*	*	7*
Donovan et al. (2017) [69]	*	*	*	*	*	*	*	*	8*
Kieffer et al. (1999) [68]	*	*	*	*	*	*	*	*	8*
Ekeroma et al. (2015) [67]	*	*	*	*	*	*	*	*	8*
Aung et al. (2015) [66]	*	*	*	*		*	*	*	6*
Gortazar et al. (2019) [63]	*	*	*	*	**	*	*	*	9*
Zamstein et al. (2018) [62]	*	*	*	*	**	*	*	*	9*
Hedderson et al. (2003) [61]	*	*	*	*	*	*	*	*	8*
Hosseini et al. (2018) [59]	*	*	*	*	*	*	*	*	8*

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Supplementary Table 2. Continued

Study	Selection				Comparability	Outcome			Total score
	Representativeness of the exposed cohort	Selection of the non-exposed cohort	Ascertainment of exposure	No outcome of interest at start of study	A: Study controls for age and/or BMI; B: Study controls for other confounders	A: Doctor's diagnosis OR objective measurements; B: Parent/self-reported doctor's diagnosis OR use of medication	Follow-up long enough for outcomes	Adequacy of follow-up of cohorts	
Hosseini et al. (2018) [60]	*	*	*	*	**	*	*	*	9*
Jain et al. (2016) [58]	*	*		*		*	*	*	6*
Leybovitz-Haleluya et al. (2018) [56]	*	*	*	*	*	*	*	*	8*
Jacobson et al. (1989) [55]	*	*	*	*		*	*	*	7*
Pan et al. (2015) [53]	*	*	*	*	*	*	*	*	8*
Son et al. (2015) [52]	*	*	*	*	**	*	*	*	9*
von Katterfeld et al. (2012) [51]	*	*	*	*	**	*	*	*	9*
Sacks et al. (2015) [49]	*	*	*	*	**	*	*	*	9*
Oster et al. (2014) [45]	*	*		*	*	*	*	*	7*
Soliman et al. (2018) [48]	*	*		*		*	*	*	6*
Xiong et al. (2001) [46]	*	*	*	*	*	*	*	*	8*
Sugaya et al. (2000) [44]	*	*	*	*		*	*	*	7*
Fraser et al. (1994) [43]	*	*	*	*	*	*	*	*	8*
Kieffer et al. (2006) [42]	*	*	*	*	*	*	*	*	8*
Mahanta et al. (2014) [41]	*	*		*		*	*	*	6*
Kong et al. (2019) [39]	*	*	*	*	**	*	*	*	9*
Sletner et al. (2017) [40]	*	*	*	*	*	*	*	*	8*
Aberg et al. (2001) [37]	*	*	*	*		*	*	*	7*
van Hoorn et al. (2002) [38]	*	*	*	*		*	*	*	7*
Su et al. (2019) [36]	*	*	*	*	**	*	*	*	9*
Metcalfe et al. (2017) [35]	*	*	*	*	*	*	*	*	8*
Carr et al. (2011) [34]	*	*	*	*	*	*	*	*	8*
Lamminpaa et al. (2016) [33]	*	*	*	*	*	*	*	*	8*
Black et al. (2010) [32]	*	*	*	*	**	*	*	*	9*

It does not need to explain both * or ** . it means one score or two score.
BMI, body mass index.