

SUPPLEMENTARY TABLE

Supplementary Table 1. Quality scores of prospective cohort studies using Newcastle-Ottawa scale.

Study	Selection			Comparability		Outcome		NOS	
	Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of subclinical thyroid dysfunction	Demonstration that outcomes was not present at start of study	Comparability on the basis of the design or analysis	Assessment of outcome	Adequate follow-up duration	Adequate follow-up rate	Overall score
Rotterdam 2000 [16]	*	*	*	*	**	*	—	*	*****
SOF 2001 [17]	*	*	*	*	**	*	—	*	*****
Birmingham 2001 [18]	*	*	*	*	*	*	—	*	*****
RERF 2004 [19]	*	*	*	*	*	*	*	*	*****
Sheffield 2008 [20]	-	*	*	*	**	*	*	*	*****
CHS 2010 [21]	*	*	*	*	**	*	*	*	*****
OPUS 2010 [22]	*	*	*	*	*	*	-	*	*****
PROSPER 2012 [23]	*	*	*	*	**	*	-	*	*****
DNPR 2012 [24]	*	*	*	*	*	*	-	*	*****
MrOS-US 2013 [25]	*	*	*	*	**	*	*	*	*****
HUNT 2013 [26]	*	*	*	*	*	*	*	*	*****
WHI-OS 2013 [27]	*	*	*	*	**	*	-	*	*****
OPENTHYRO 2014 [28]	*	*	*	*	**	*	-	*	*****
Ansung cohort study 2014 [29]	*	*	*	*	*	*	*	*	*****
General Hospital Vienna 2015 [30]	*	*	*	*	*	*	—	*	*****
LDO 2015 [31]	*	*	*	*	**	*	—	*	*****
USRT 2017 [32]	*	*	*	*	**	*	*	*	*****
HIMS 2018 [33]	*	*	*	*	**	*	—	*	*****
US veterans 2018 [34]	*	*	*	*	**	*	—	*	*****
Taiwan NHI 2018 [35]	*	*	*	*	**	*	—	*	*****
THIN 2019 [36]	*	*	*	*	*	*	—	*	*****
NHANES 2020 [37]	*	*	*	*	**	*	—	*	*****
Korean NHI 2020 [38]	*	*	*	*	*	*	*	*	*****
MrOS-Sweden 2021 [39]	*	*	*	*	**	*	—	*	*****