

## Additional file 6. Quality Assessment form

Study ID	A.1	A.2	A.3	A.4	B.1	C.1	C.2	C.3	Score
Citation details	Method of derivation of the cohort and details on the representativeness of the cohort of the source population.	Details on representativeness of the analysis sample of the full initial cohort.	Details on ascertainment of exposures.	Details on demonstration of presence/absence outcome at baseline.	Details on main analysis confounder adjustment.	Details on ascertainment of MHO/MetS in an obese group.	Details on follow-up duration of the study.	Details on the follow-up of the cohort.	Section A: 1)NS/(*) 2)NS/(*) 3)NS/(*) 4)NS/(*) Section B: 1)NS/(*) Section C: 1)NS/(*) 2)NS/(*) 3)NS/(*)
	a)/b)/c)/d)/e) -NS/(*)	a)/b)/c) -NS/(*)	a)/b)/c)/d)/e)/f)/g) -NS/(*)	a)/b)/c) -NS/(*)	a)/b)/c) -NS/(*)	a)/b)/c)/d)/e) -NS/(*)	a)/b)/c) – NS/(*)	a)/b)/c)/d)/e) -NS/(*)	Quality: Poor/fair/Good