

## Supplementary material accompanying the publication "Minor Perturbations of Thyroid Homeostasis and Major Cardiovascular Endpoints – Physiological Mechanisms and Clinical Evidence"

Patrick Müller, Melvin Khee-Shing Leow, Johannes W. Dietrich\*

\* Correspondence: Corresponding Author: johannes.dietrich@ruhr-uni-bochum.de

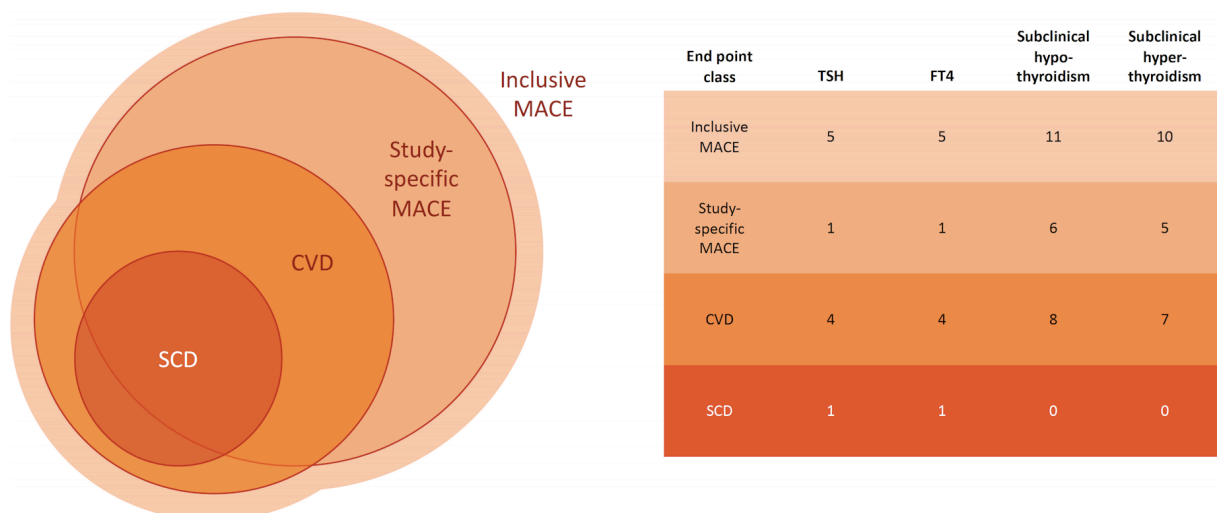
**Supplementary table 1:** Newcastle-Ottawa scores of included studies

Author	Year	S1	S2	S3	S4	C1	O1	O2	O3	NOS
Cappola et al.	2006	1	1	1	1	1	1	1	1	8
Chaker et al.	2016	1	1	1	1	1	1	1	1	8
Drechsler et al.	2014	1	1	1	1	1	1	1	1	8
Groothof et al.	2021	1	1	1	1	1	1	1	1	8
Gussekloo et al.	2004	1	1	1	1	1	1	1	1	8
Iervasi et al.	2007	1	1	1	1	1	1	1	1	8
Ittermann et al.	2010	1	1	1	1	1	1	1	1	8
Kannan et al.	2018	1	1	1	1	1	1	1	1	8
Kim et al.	2020	0	1	1	1	1	1	1	1	7
Langén et al.	2018	1	1	1	1	1	1	1	1	8
Müller et al.	2020	0	1	1	1	1	1	1	1	7
Pearce et al.	2016	1	1	1	1	1	1	1	1	8
Rodondi et al.	2005	1	1	1	1	1	1	1	1	8
Schultz et al.	2011	1	1	1	1	1	1	1	1	8
Selmer et al.	2014	1	1	1	1	0	1	1	1	7
Sgarbi et al.	2010	1	1	1	1	1	1	1	1	8
Walsh et al.	2005	1	1	1	1	1	1	1	1	8
Yang et al.	2020	0	1	1	1	1	1	1	0	5

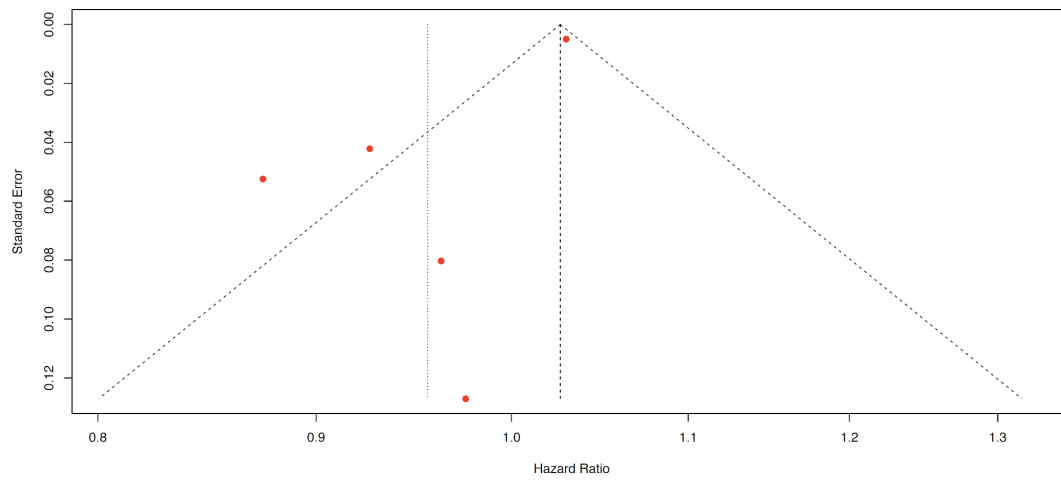
Case definition adequate? Representativeness of exposed cohort?	Representativeness of cases? Selection of non-exposed cohort?	Selection of controls Ascertainment of exposure	Definition of controls Demonstration that outcome not present at start	Comparability of cases and control	Assessment of outcome	Follow-up long enough?	Adequacy of follow-up?
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**Supplementary figure 1:** Numbers of studies included in the meta-analyses with respect to different end-point criteria. Inclusive MACE: CVD or other major endpoints.

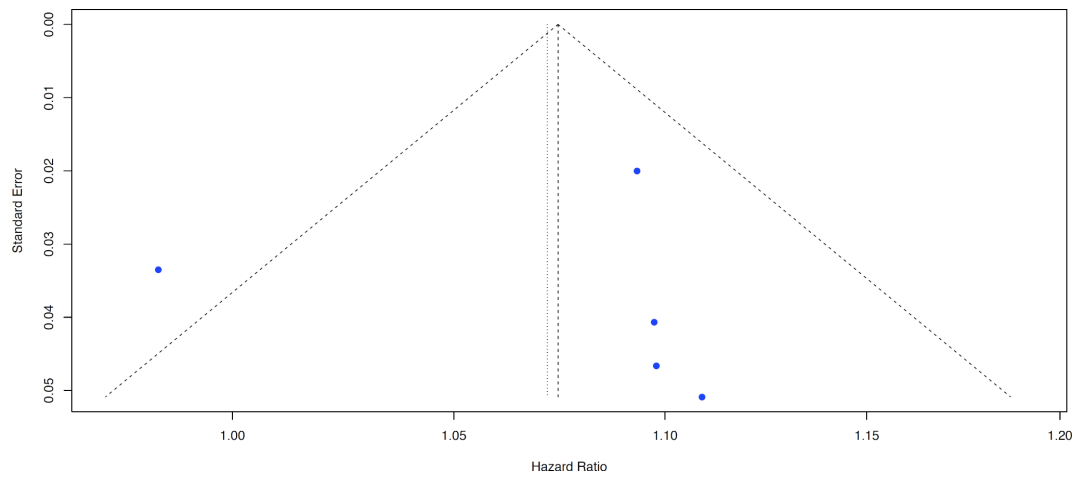


**Supplementary figure 2:** Funnel plots of meta-analyses with five or more studies

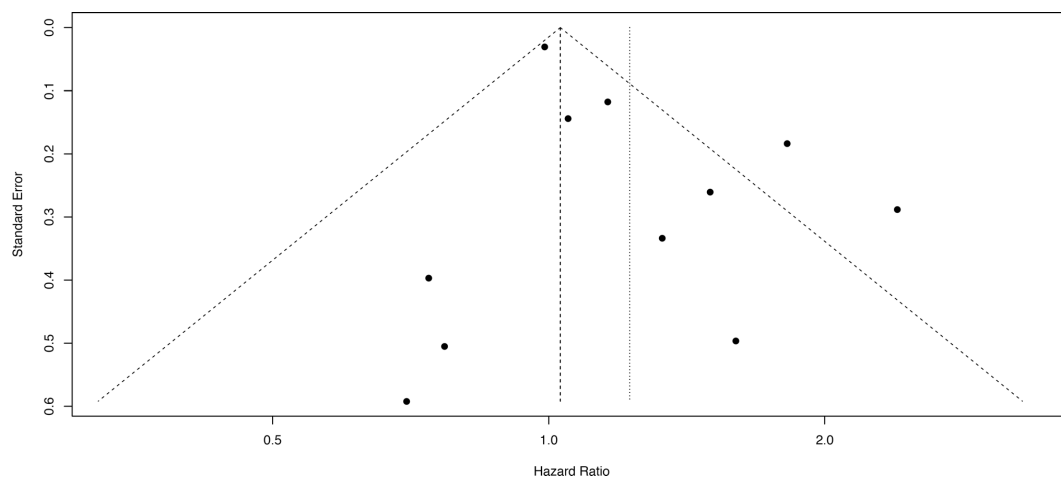
**A:** Inclusive MACE ~ TSH concentration:



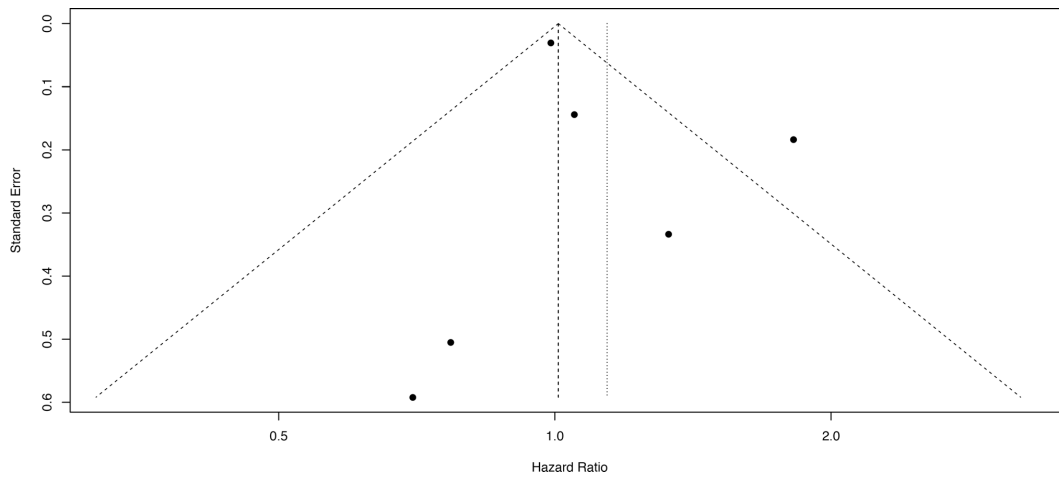
**B:** Inclusive MACE ~ FT4 concentration:



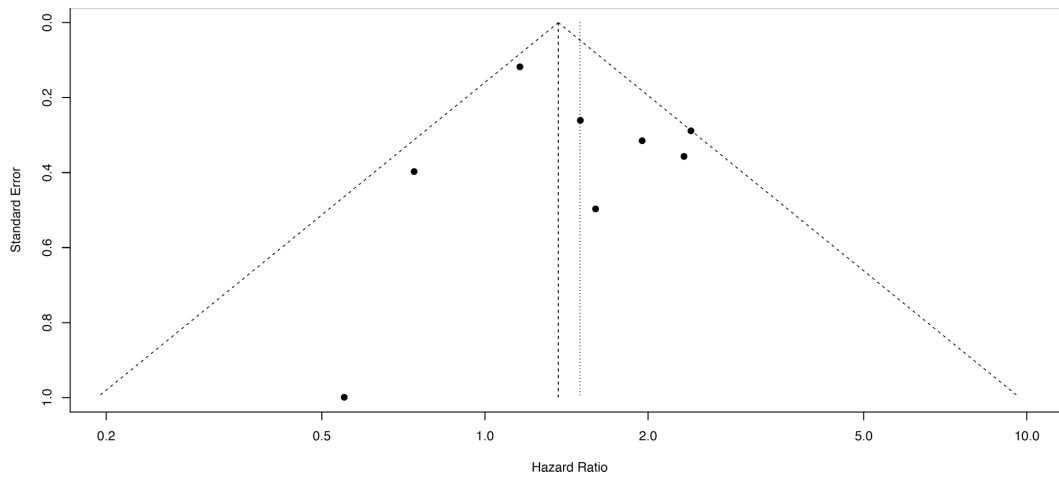
**C:** Inclusive MACE ~ Subclinical hypothyroidism:



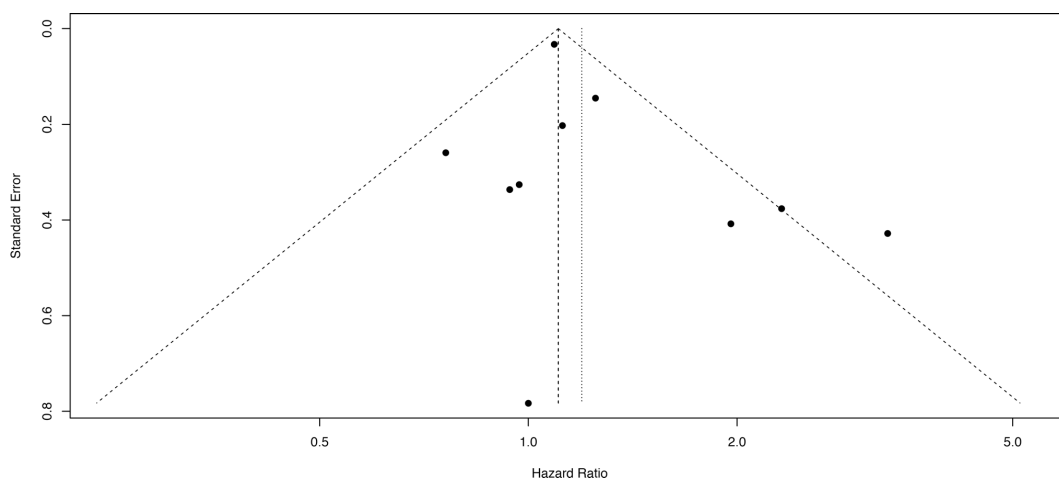
**D: Study-specific MACE ~ Subclinical hypothyroidism:**



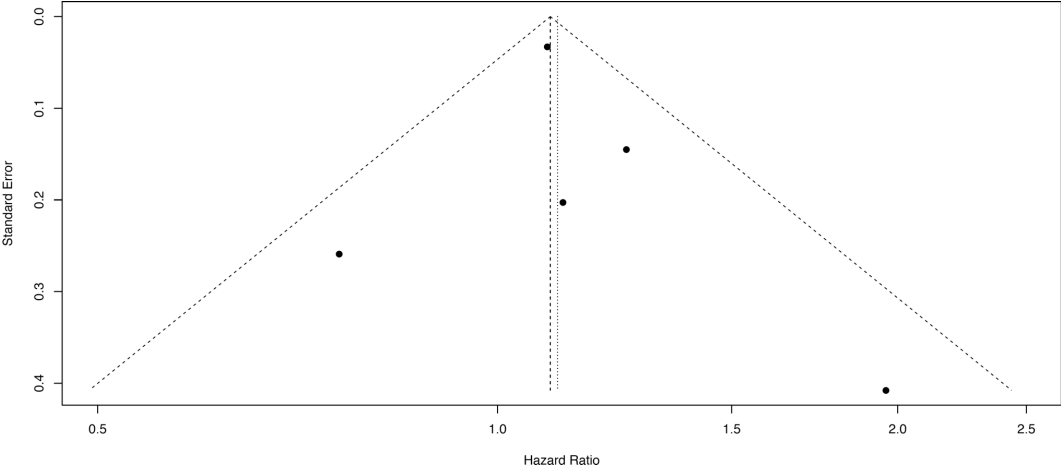
**E: CVD ~ Subclinical hypothyroidism:**



**C: Inclusive MACE ~ Subclinical hyperthyroidism:**



D: Study-specific MACE ~ Subclinical hyperthyroidism:



E: CVD ~ Subclinical hyperthyroidism:

