

2. MR Method

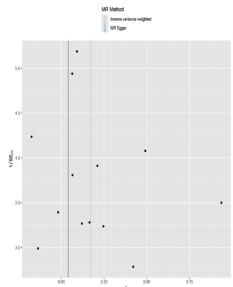


Figure T1 Funnel plot of SNPs associated with $s_Vitellogenin$ response and their risk of thyroid cancer.

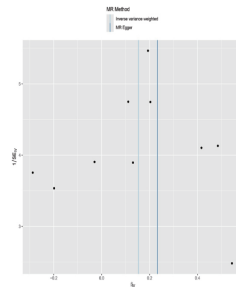


Figure T2 Funnel plot of SNPs associated with $s_Mammilonicobion$ and their risk of thyroid cancer.

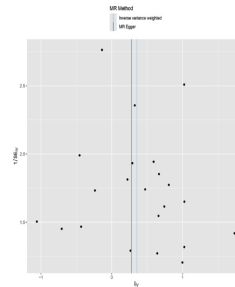


Figure T3 Funnel plot of SNPs associated with $s_Phoron\ translinens$ and their risk of thyroid cancer.

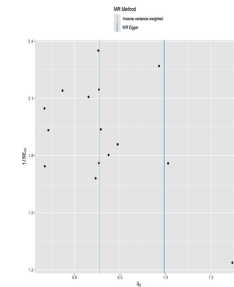


Figure T4 Funnel plot of SNPs associated with $s_Saccharomonos$ and their risk of thyroid cancer.

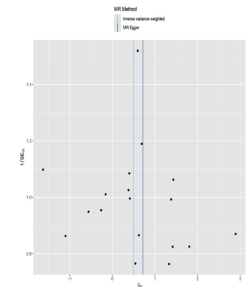


Figure T5 Funnel plot of SNPs associated with $s_Bacteroides\ stercoris$ and their risk of thyroid cancer.

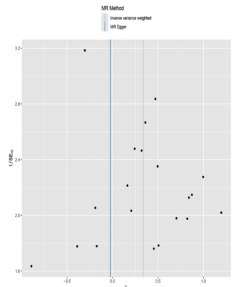


Figure T6 Funnel plot of SNPs associated with $s_Autochthonaceae$ and their risk of thyroid cancer.

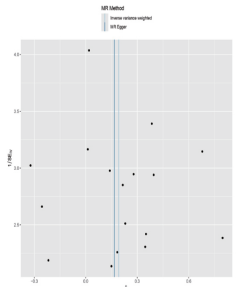


Figure T7 Funnel plot of SNPs associated with $s_LINC989MF$ and their risk of thyroid cancer.

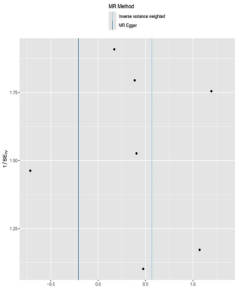


Figure T8 Funnel plot of SNPs associated with $s_Ruminococcus\ C$ and their risk of thyroid cancer.

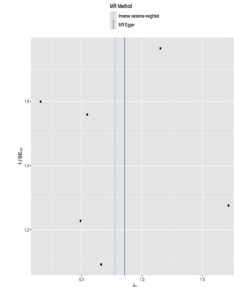


Figure T9 Funnel plot of SNPs associated with $s_Myobacteraceae$ and their risk of thyroid cancer.

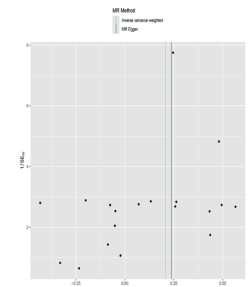


Figure T10 Funnel plot of SNPs associated with $s_Vallibacterium$ response and their risk of five more AC.

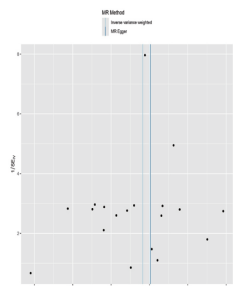


Figure T11 Funnel plot of SNPs associated with $s_Vallibacterium$ response and their risk of lgbp_CDI4-AC.

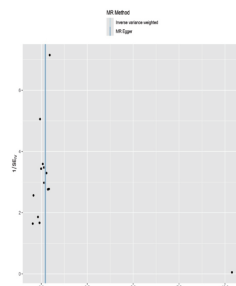


Figure T12 Funnel plot of SNPs associated with $s_Mammilonicobion$ and their risk of B cell lymphocyte.

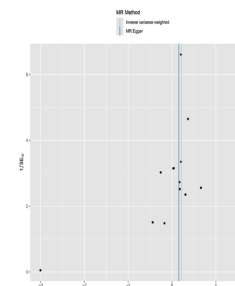


Figure T13 Funnel plot of SNPs associated with $s_Mammilonicobion$ and their risk of SSC-A on granulocyte.

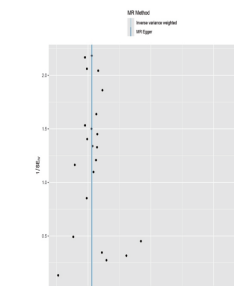


Figure T14 Funnel plot of SNPs associated with $s_Phoron\ translinens$ and their risk of CCR2 on CD14+ CD4.

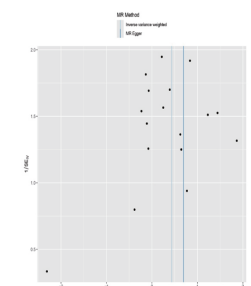


Figure T15 Funnel plot of SNPs associated with $s_Saccharomonos$ and their risk of FEM DN (CD4-CD8).

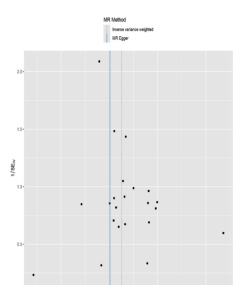


Figure T16 Funnel plot of SNPs associated with $s_Bacteroides\ stercoris$ and their risk of CD38+ DN (CD4-CD8) AC.

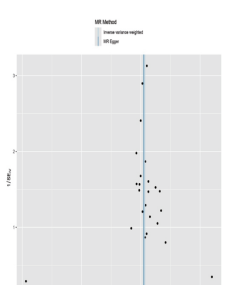


Figure T17 Funnel plot of SNPs associated with $s_Autochthonaceae$ and their risk of CD1+ on myeloid DC.

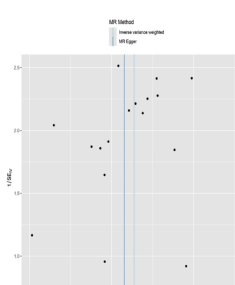


Figure T18 Funnel plot of SNPs associated with $s_LINC989MF$ and their risk of CD39+ CD4+.

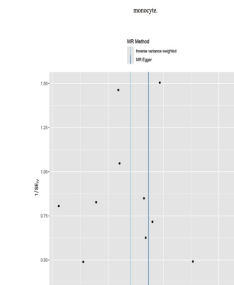


Figure T19 Funnel plot of SNPs associated with $s_Ruminococcus\ C$ and their risk of CD11b on Mo-MDC.

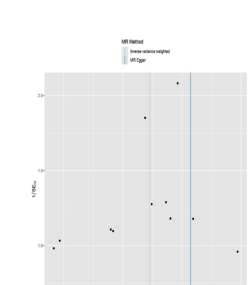


Figure T20 Funnel plot of SNPs associated with $s_Myobacteraceae$ and their risk of B cell lymphocyte.

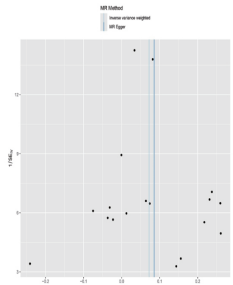


Figure T21 Funnel plot of SNPs associated with five more AC and their risk of thyroid cancer.

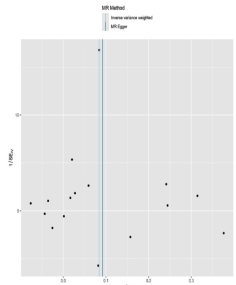


Figure T22 Funnel plot of SNPs associated with lgbp_CDI4-AC and their risk of thyroid cancer.

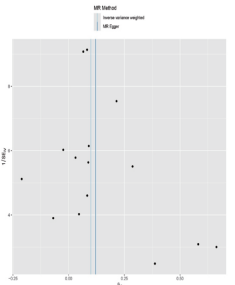


Figure T23 Funnel plot of SNPs associated with EM DN (CD4-CD8) AC and their risk of thyroid cancer.

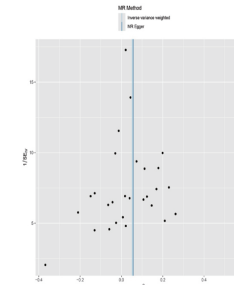


Figure T24 Funnel plot of SNPs associated with B cell lymphocyte and their risk of thyroid cancer.

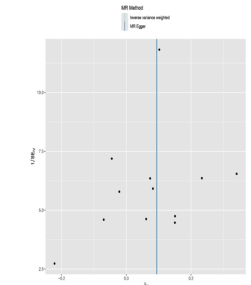


Figure T25 Funnel plot of SNPs associated with CD38+ DN (CD4-CD8) AC and their risk of thyroid cancer.

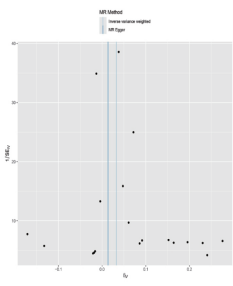


Figure T26 Funnel plot of SNPs associated with CD32+ CD39+ CD34+ and their risk of thyroid cancer.

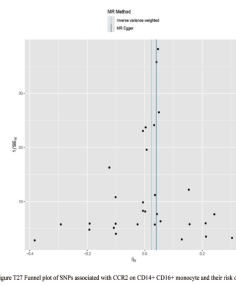


Figure T27 Funnel plot of SNPs associated with CCR2 on CD14+ CD16+ monocyte and their risk of thyroid cancer.

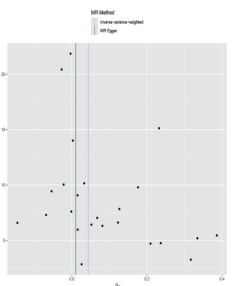


Figure T28 Funnel plot of SNPs associated with SSC-A on granulocyte.

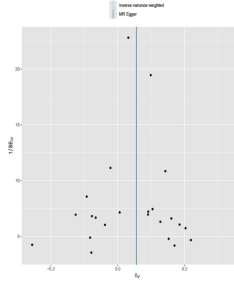


Figure T29 Funnel plot of SNPs associated with CD11c on myeloid DC and their risk of thyroid cancer.

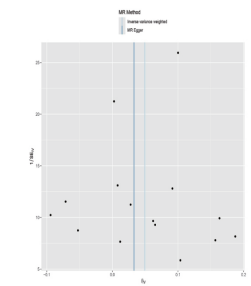


Figure T30 Funnel plot of SNPs associated with CD11b on Mo-MDC and their risk of thyroid cancer.