| | method | | nsnp | b | | se | | | pval | | |
|-----|---------------|--------------------------|------------------|----------|--------------------|----------------------------|------------------------|------------|--------------------|------------------|--|
| 1 | | MR Egger | Egger 109 0.0992 | | | 992221551228962 0.06593863 | | 304074423 | | 0.13533065975548 | |
| 2 | V | Veighted median 109 | | | 0.110488386975457 | | 0.0464848850811506 | | 0.0174603848866062 | | |
| 3 | Invers | nverse variance weighted | | 109 | 0.0678350823560078 | | 0.0291856265800352 | | 0.0201113835579495 | | |
| 4 | | Simple mode 1 | | 109 | 0.170412737962948 | | 0.103605109576674 | | 0.102912635580547 | | |
| 5 | Weighted mode | | | 109 | 0.153515886 | 0.0706540290221476 | | | 0.031982244142049 | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | type | | met | thod | | Q | Q_df | | Q_pval | |
| 9 | 1 | heterogeneity | | MR I | Egger | 115.305 | 146530304 298705839 | 107 108 | 0.2 | 7459443700574 | |
| - 1 | 2 | heterogeneity | Inver | se varia | nce weighted | 115.609 | | | 0.29 | 00753438753989 | |
| 10 | 3 | | | | | | | | | | |
| 11 | 1 | | | | | | | | | | |

| 11 | | | | | | | | |
|-------------------|----------------------|---------------|---------------|--------------|------------|-----------------|-------------|-----------|
| type | | ех | posure | | | egger_intercept | se | pval |
| 1 pleiotropy_test | Hypothyroidism or my | xoedema (Firt | h correction) | id:ebi-a-GCS | ST90013893 | -0.003390113 | 0.006381182 | 0.5963348 |
| 14 | 7 | | | | | | | |
| 15 | 5 8 | | | | | | | |
| 16 | $\frac{3}{9}$ | | | | | | | |
| 17 | 10 | | | | | | | |
| 18 | 3 | | | | | | | |
| 19 |) | | | | | | | |
| 20 |) | | | | | | | |
| 21 | | | | | | | | |
| 22 | | | | | | | | |
| 23 | 3 | | | | | | | |
| 24 | 1 | | | | | | | |
| 25 | 5 | | | | | | | |





