**Supplementary Table 3. Summary of the causal relationship between the gut microbiota (*p* < 5 × 10−6) and the risk of liver cirrhosis based on the IVW method**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Classification** | **No. of SNP** | **β** | **SE** | **OR (95% CI)** | ***p***  **value** | **Horizontal pleiotropy** | | |  | **Heterogeneity** | |
| **Egger**  **intercept** | **SE** | ***p***  **value** |  | **Cochran’s**  **Q** | ***p***  **value** |
| *Marvinbryantia* | 6 | −0.77 | 0.32 | 0.46 (0.25, 0.86) | 0.015 | −0.19 | 0.10 | 0.136 |  | 4.84 | 0.435 |

IVW, inverse variance weighting; OR, odds ratio; SE, standard error; SNP, single nucleotide polymorphism.