**S5 Table.** Assessing heterogeneity of single nucleotide polymorphism effect estimates in inverse-variance weighted (IVW) and MR Egger regression for primary analysis

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Exposure** | **Exposure dataset** | **Q IVW** | **df** | **P** | **Q MR Egger** | **df** | **P** |
| HMGCR | GLGC24 | 2.75 | 4 | 0.60 | 2.73 | 3 | 0.44 |
| NPC1L1 | GLGC24 | 0.76 | 4 | 0.94 | 0.52 | 3 | 0.92 |
| CETP | GLGC24 | 1.99 | 5 | 0.85 | 1.92 | 4 | 0.75 |
| PCSK9 | GLGC24 | 4.61 | 5 | 0.47 | 4.60 | 4 | 0.33 |
| LDLR | GLGC24 | 2.33 | 2 | 0.31 | 1.18 | 1 | 0.28 |

Abbreviations: Q, Q-statistic; df, degrees of freedom; P, p-value.