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| **Supplementary Table 1** Summary data of GWAS enrolled in the MR study. | | | | | |
| **Items** | **GWAS ID** | **PMID** | **Sample size** | **nSNP** | **Population** |
| copper | ieu-a-1073 | 23720494 | 2603 | 2543646 | Europeans |
| Anti-*H. pylori* IgG seropositivity | ebi-a-GCST90006910 | 33204752 | 8734 | 9170312 | Europeans |
| GWAS: Genome-wide association study; MR: Mendelian randomization; nSNP, number of Single nucleotide polymorphisms. | | | | | |