**table S5** the results of heterogeneity and pleiotropy test

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| --- | --- | --- | --- |
| **Exposure** | **Outcome** | **First test** | **Second test** |
| **P-value of Cochran Q test** | **P-value of MR-Egger intercept test** | **P-value of Cochran Q test** | **P-value of MR-Egger intercept test** |
| Past smoking | CTS | 2.628×10-8 | 0.64 | 4.488×10-5 | 0.809 |
| Current smoking | CTS | 3.285×10-4 | 0.428 | 4.492×10-3 | 0.215 |
| Smoking initiation | CTS | 7.261×10-7 | 0.215 | 1.068×10-4 | 0.584 |
| Never smoking | CTS | 4.835×10-5 | 0.238 | 1.041×10-3 | 0.191 |