Supplementary Table 6. The outcome, heterogeneity and pleiotropy of MR (id: bbj-a-153, bbj-a-148).

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Outcome |  |  |  |  |  |  |  |  |  |
|  | id.exposure | id.outcome | outcome | exposure | method | nsnp | b | se | pval |
| 1 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | MR Egger | 145 | -0.24964 | 0.10177 | 0.01537 |
| 2 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | Weighted median | 145 | -0.16355 | 0.04203 | 1E-04 |
| 3 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | Inverse variance weighted | 145 | -0.21652 | 0.04123 | 1.5E-07 |
| 4 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | Simple mode | 145 | -0.25089 | 0.09956 | 0.01283 |
| 5 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | Weighted mode | 145 | -0.17178 | 0.06273 | 0.00696 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| heterogeneity | |  |  |  |  |  |  |  |
|  | id.exposure | id.outcome | outcome | exposure | method | Q | Q\_df | Q\_pval |
| 1 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | MR Egger | 384.298 | 143 | 5.5E-24 |
| 2 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | Inverse variance weighted | 384.639 | 144 | 8.1E-24 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| pleiotropy | |  |  |  |  |  |  |
|  | id.exposure | id.outcome | outcome | exposure | egger\_intercept | se | pval |
| 1 | bbj-a-153 | bbj-a-148 | Prostate cancer || id:bbj-a-148 | Type 2 diabetes || id:bbj-a-153 | 0.00295 | 0.00827 | 0.72221 |