**Table 1** Summary for directional horizontal pleiotropy tests

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group | AAM | | | | Schooling years | | BMI | | Current smoking | |
| UK Biobank | | ReproGen consortium | |
| Egger Regression | Egger intercept | p | Egger intercept | p | Egger intercept | p | Egger intercept | p | Egger intercept | p |
| 0.01 | 0.27 | -0.02 | 0.07 | 0.005 | 0.94 | -0.02 | 0.01 | \ | \ |

AAM: early age at menarche; BMI: body mass index