

Supporting Information

Causal association of sex hormones with osteoporosis:a two-sample Mendelian randomization study

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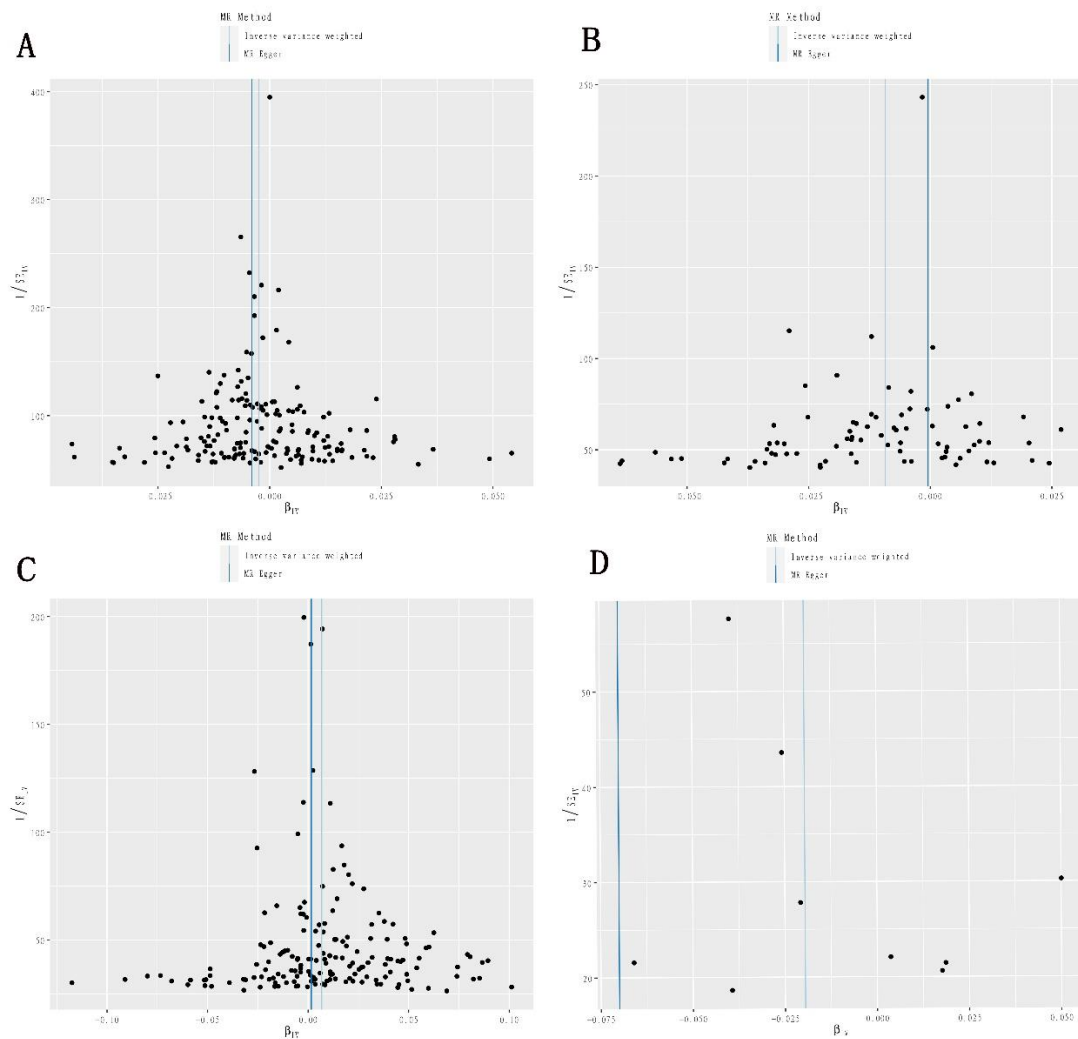


Figure S1 Funnel plots to the causal association of sex hormones on osteoporosis.

(A) Funnel plot of the causal effect of TT on osteoporosis. (B) Funnel plot of the causal effect of BAT on osteoporosis. (C) Funnel plot of the causal effect of SHBG on osteoporosis. (D) Funnel plot of the causal effect of E2 on osteoporosis.

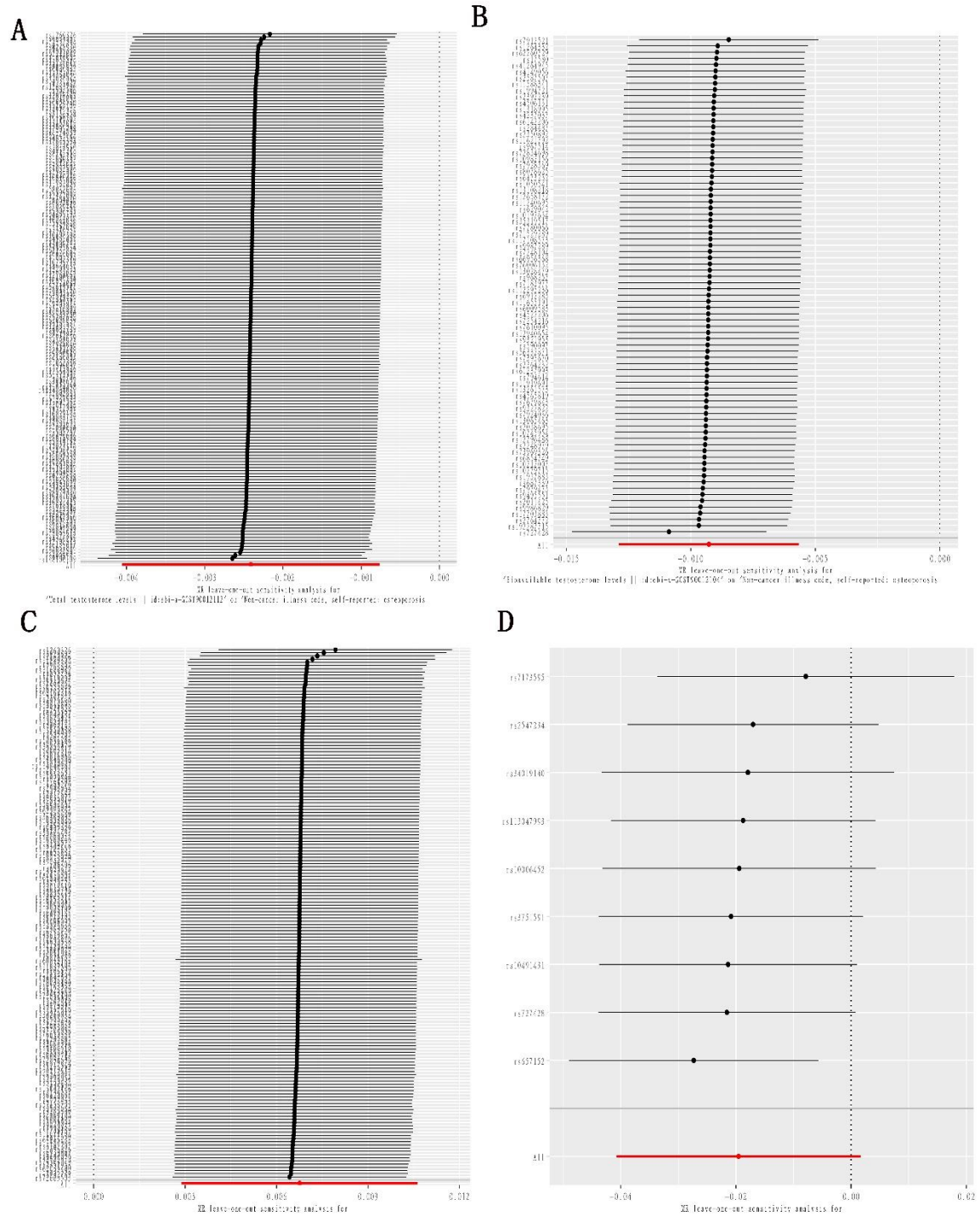


Figure S2 Forest map of the analysis results using the "leave one out". (A) Leave-one

-out analysis plots for TT on the risk of OP. (B) Leave-one-out analysis plots for BAT on the risk of OP. (C) Leave-one-out analysis plots for SHBG on the risk of OP. (D) Leave-one-out analysis plots for E2 on the risk of OP