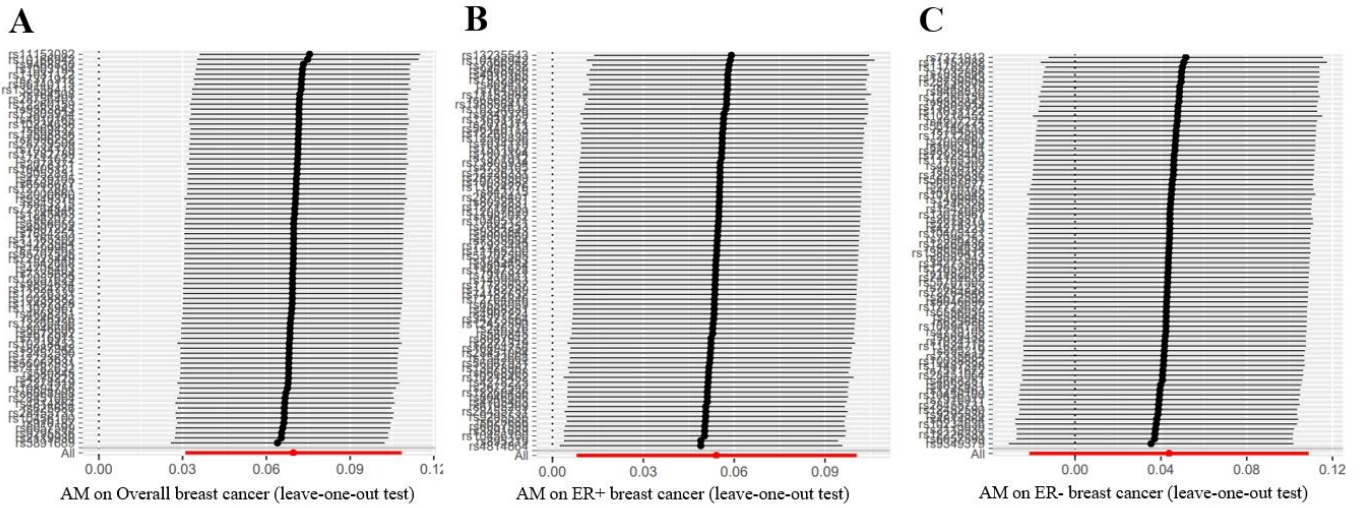
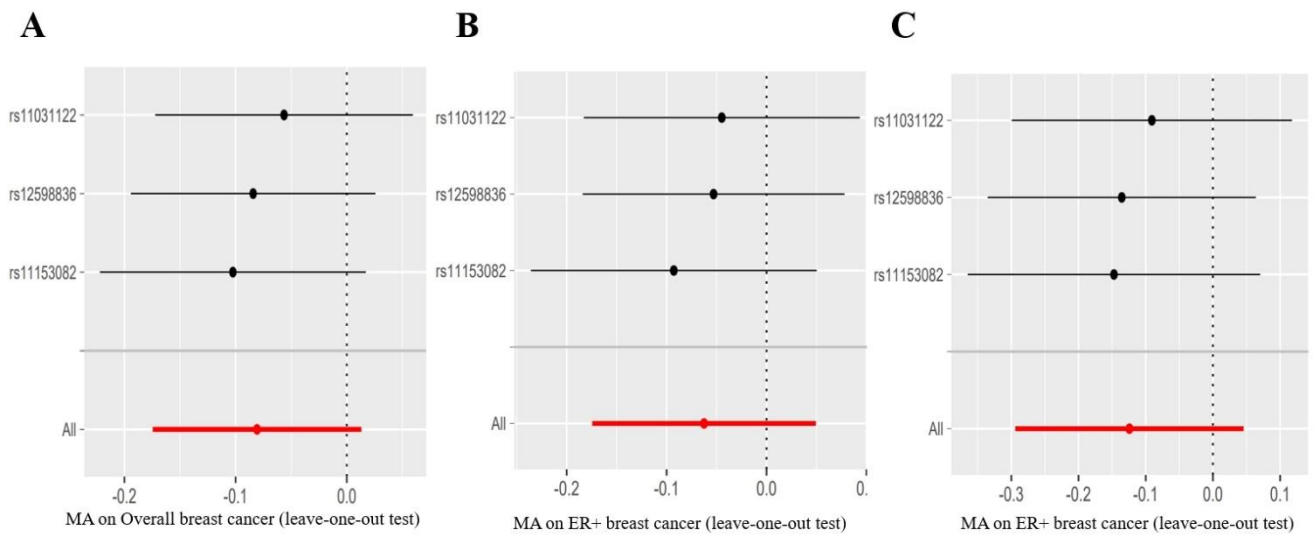


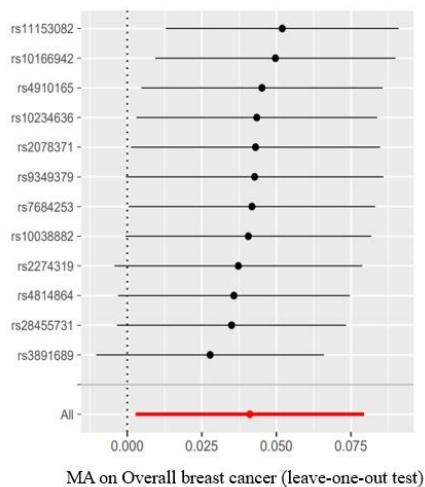
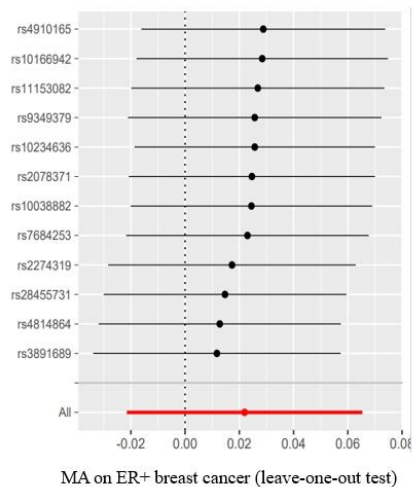
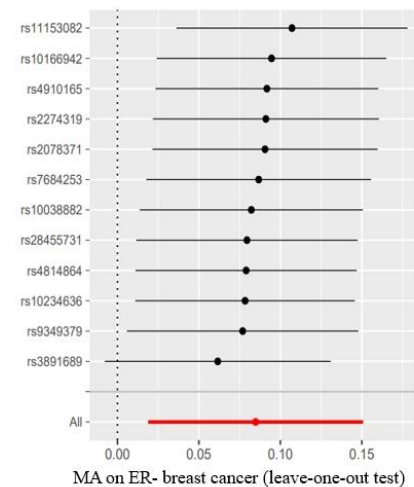
Supplementary Figure 1: Flow chart about the analytical methods and how the MR analysis was performed step-by-step.



Supplementary Figure 2. Leave-one-out plots in the Mendelian randomization analysis of AM on overall breast cancer (A), ER+ breast cancer (B) and ER- breast cancer risk.



Supplementary Figure 3. Leave-one-out plots in the Mendelian randomization analysis of MA on overall breast cancer (A), ER+ breast cancer (B) and ER- breast cancer risk.

A**B****C**

Supplementary Figure 4. Leave-one-out plots in the Mendelian randomization analysis of MO on overall breast cancer (A), ER+ breast cancer (B) and ER- breast cancer risk.