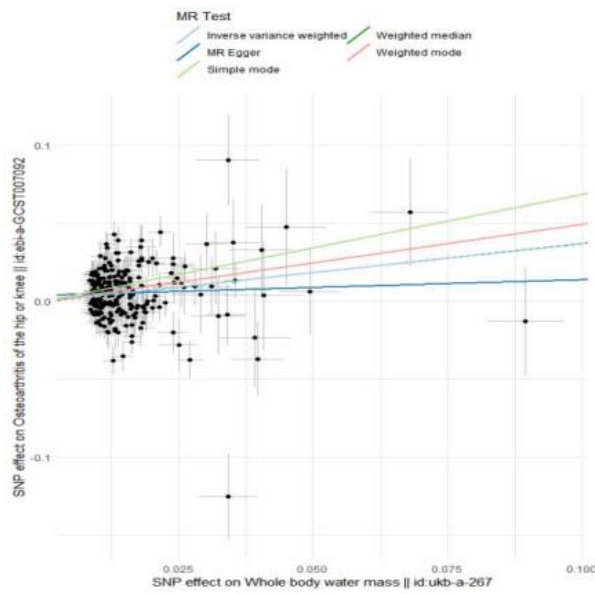
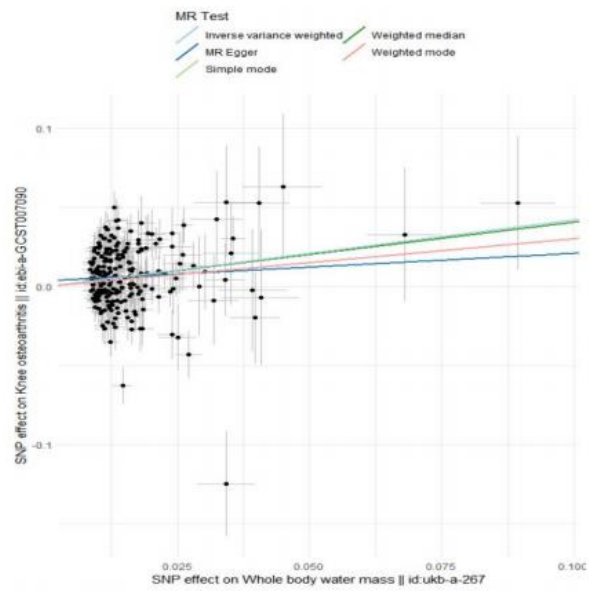


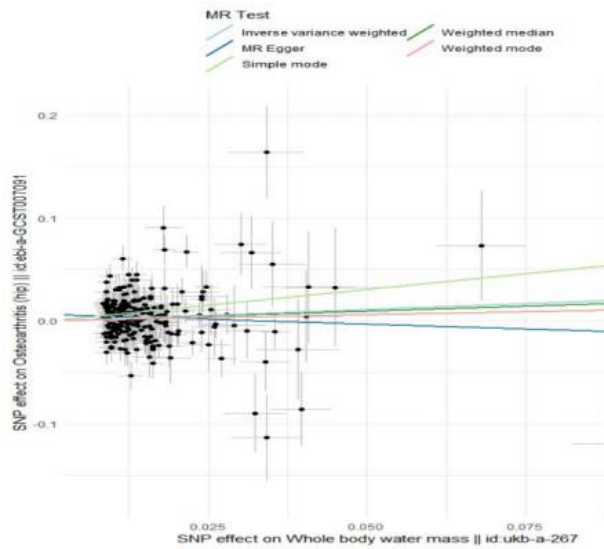
BWM for K/HOA



BWM for KOA

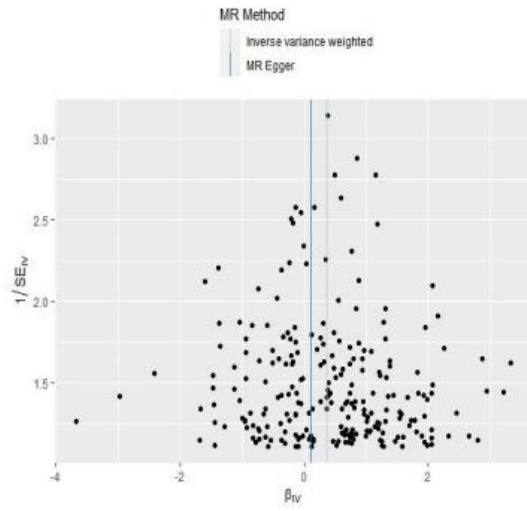


BWM for HOA

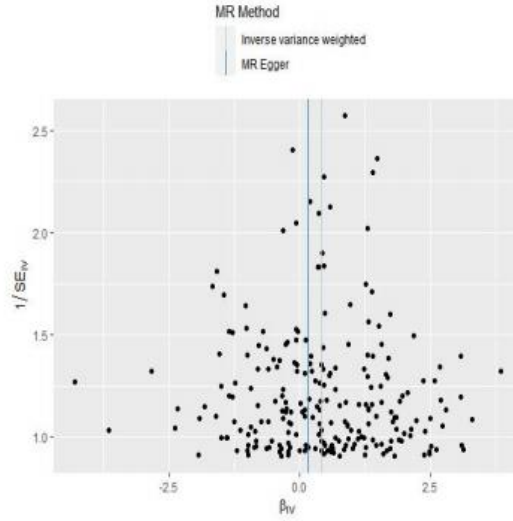


Supplementary Figure S1. Scatter plots depicting the Mendelian randomization analysis assessing the causal relationship between BWM and osteoarthritis before applying MR-PRESSO

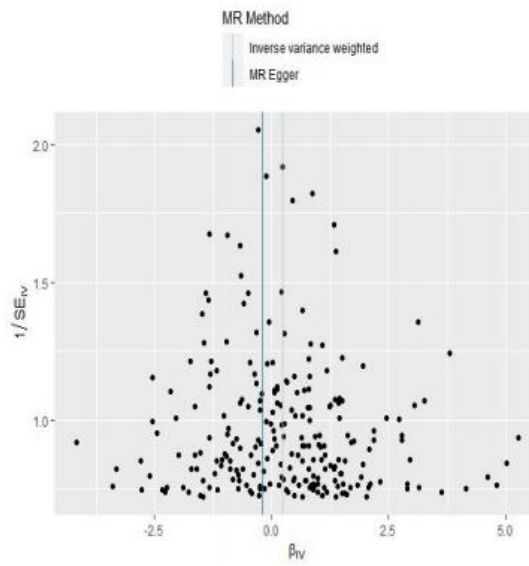
BWM for K/HOA



BWM for KOA

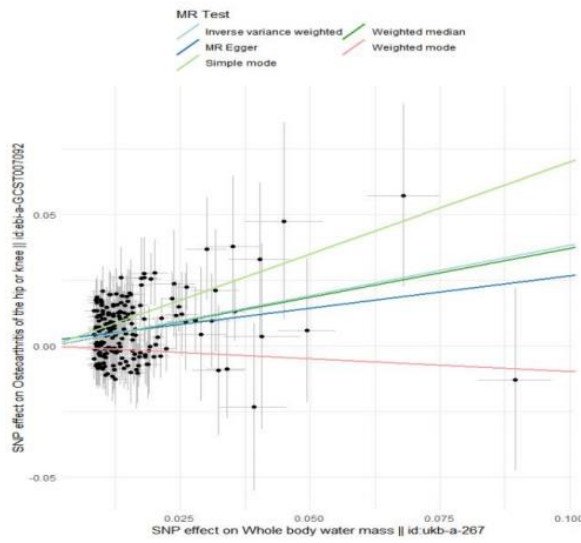


BWM for HOA

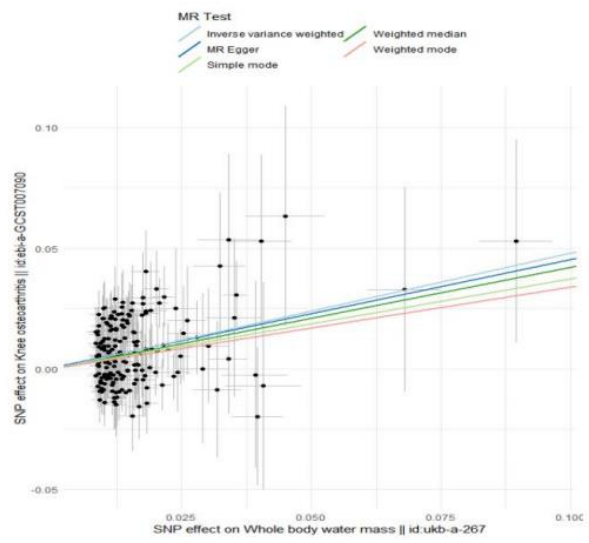


Supplementary Figure S2. Funnel plots depicting the Mendelian randomization analysis assessing the causal relationship between BWM and osteoarthritis before applying MR-PRESSO

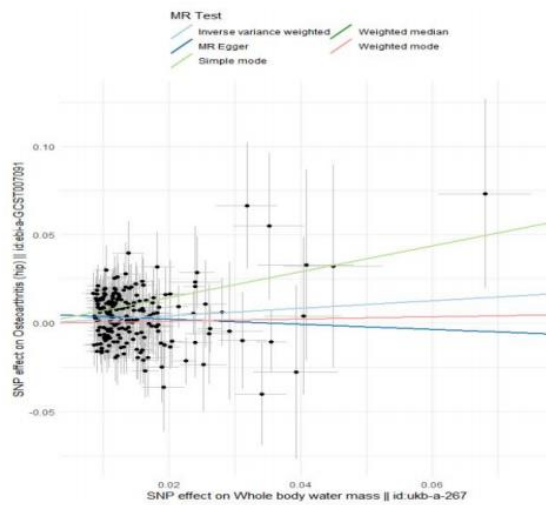
BWM for K/HOA after MRPRESSO



BWM for KOA after MRPRESSO



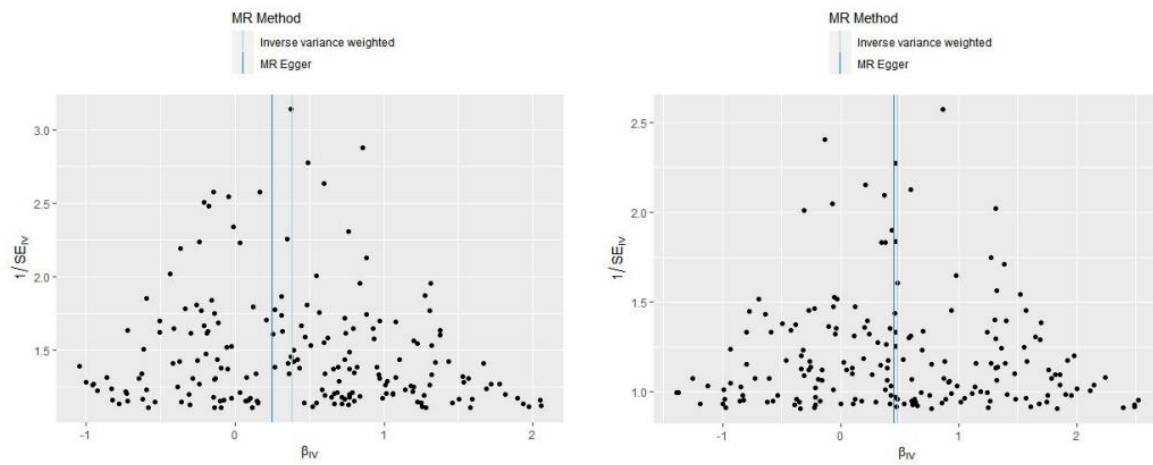
BWM for HOA after MRPRESSO



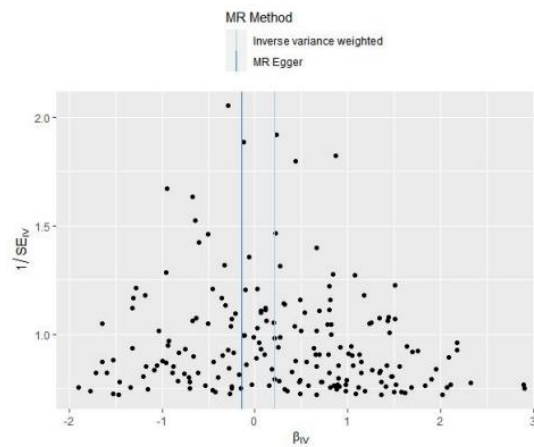
Supplementary Figure S3. Scatter plots depicting the Mendelian randomization analysis assessing the causal relationship between BWM and osteoarthritis after applying MR-PRESSO

BWM for K/HOA after MRPRESSO

BWM for KOA after MRPRESSO

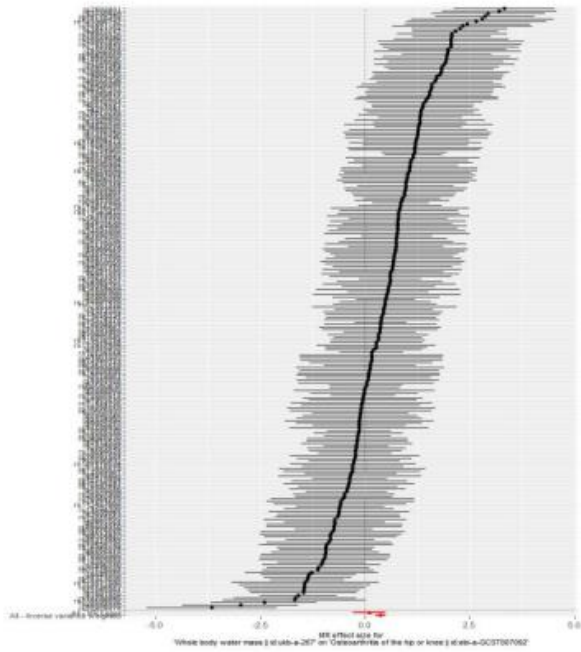


BWM for HOA after MRPRESSO

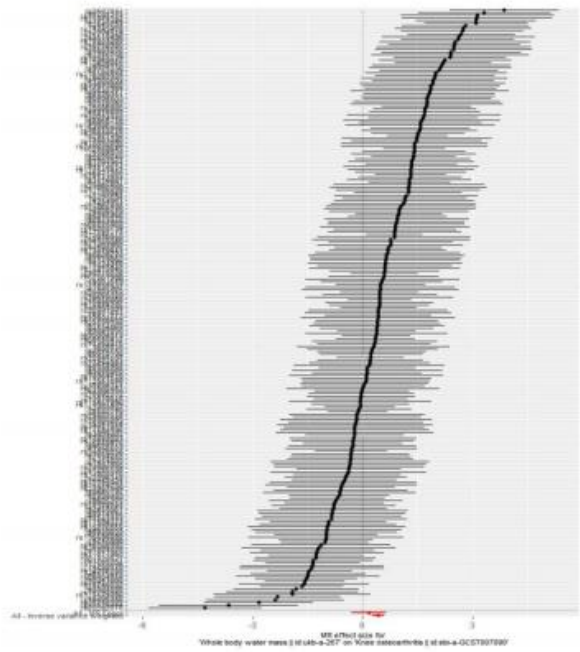


Supplementary Figure S4. Funnel plots depicting the Mendelian randomization analysis assessing the causal relationship between BWM and osteoarthritis after applying MR-PRESSO

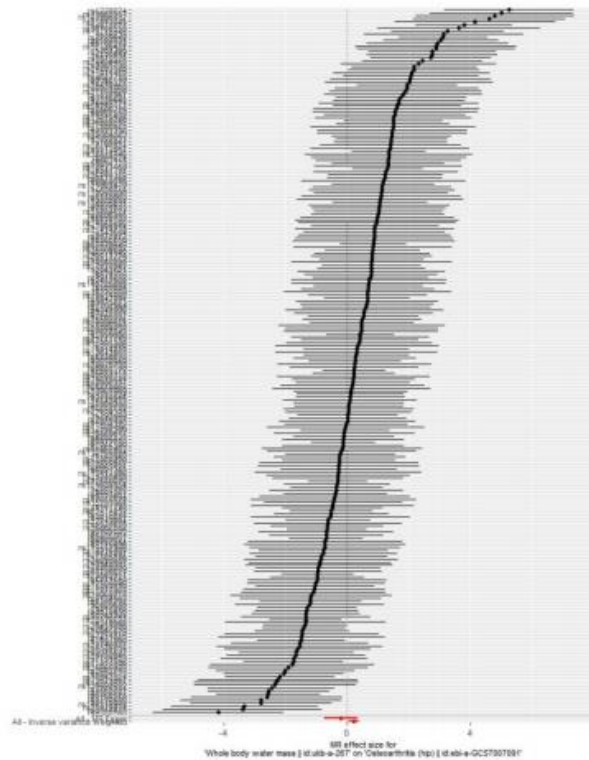
BWM for K/HOA



BWM for K/HOA



BWM for K/HOA



Supplementary Figure S5. Forest plots and leave-one-out analysis depicting the Mendelian randomization analysis assessing the causal relationship between BWM and osteoarthritis after applying MR-PRESSO

