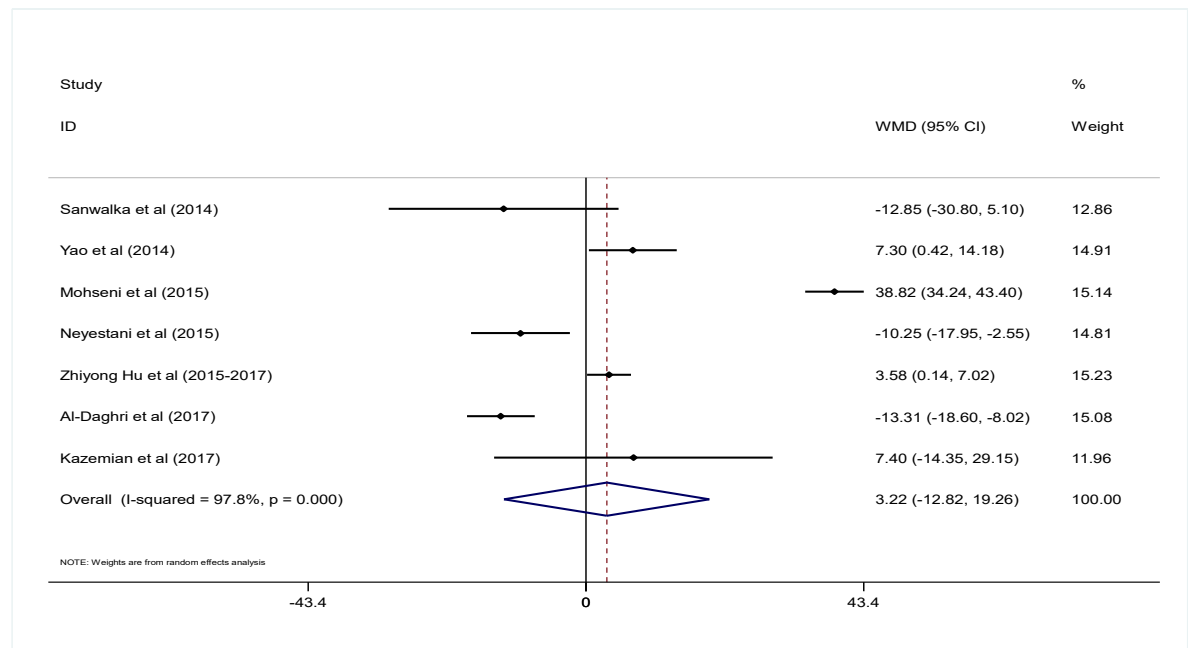


Electronic supplementary material 1, Figure 1

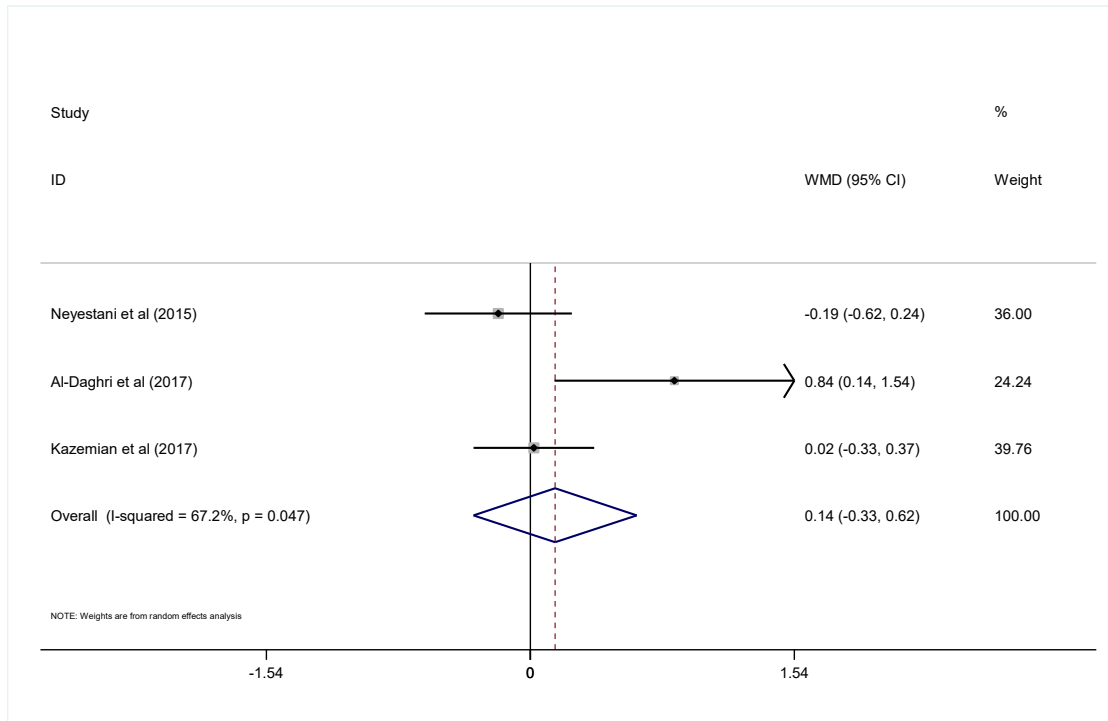
Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on serum concentrations of 25-OH vitamin D among FoKI ff vs (FF.Ff) polymorphism



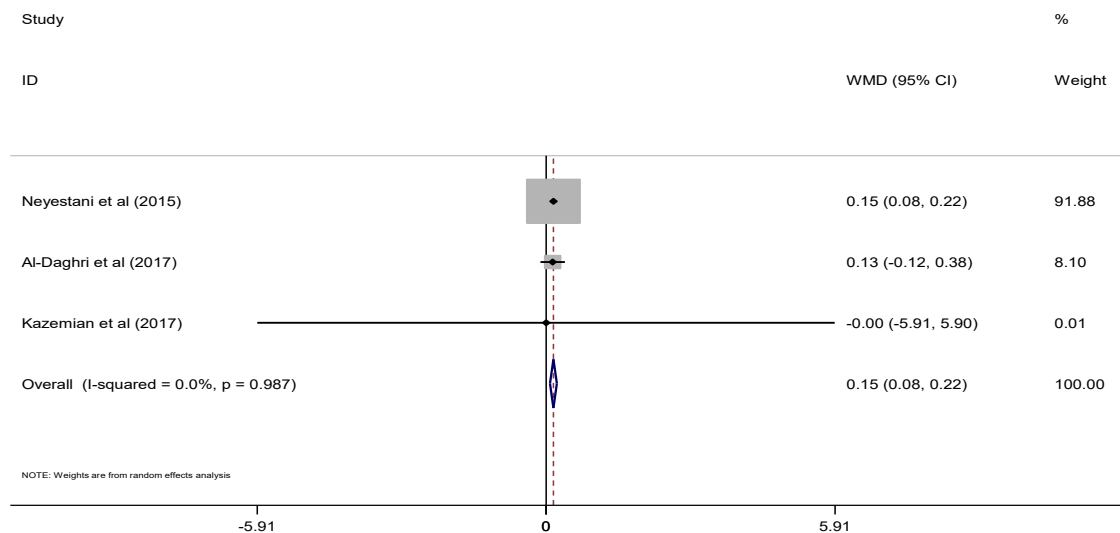
Electronic supplementary material 1, Figure 2

Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on body mass index (BMI), High-density lipoprotein cholesterol (HDL-C), Low-density lipoprotein cholesterol (LDL-C), total cholesterol (TC) and triglycerides (TG) among FoKI ff vs (FF.Ff) polymorphism

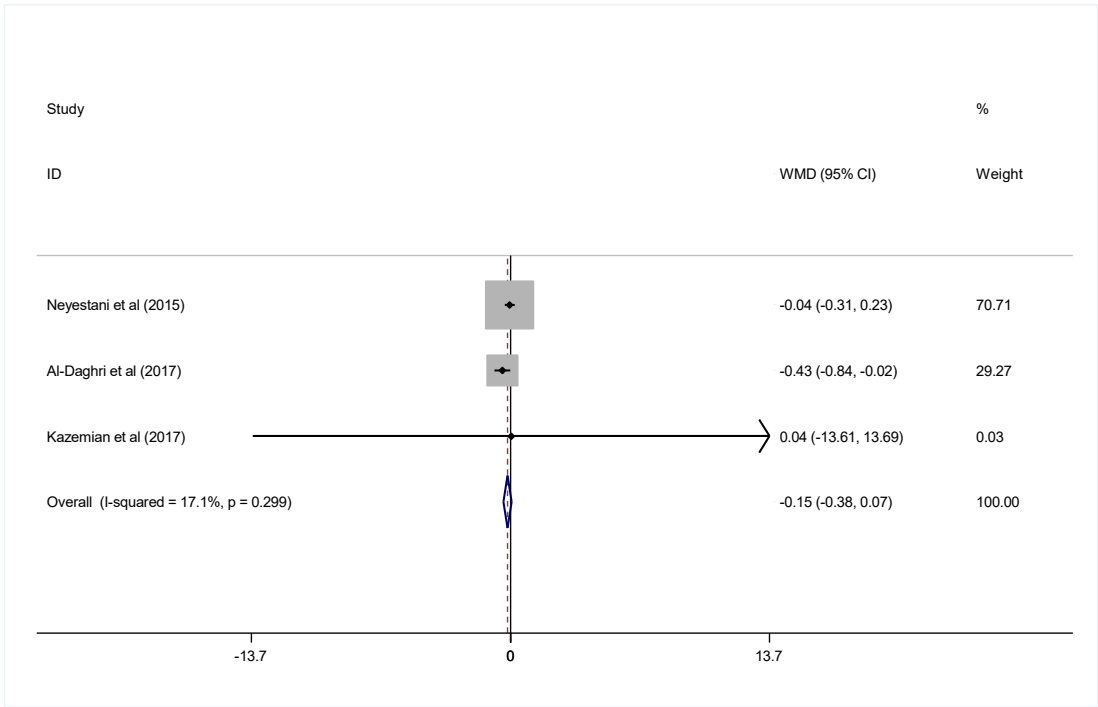
BMI



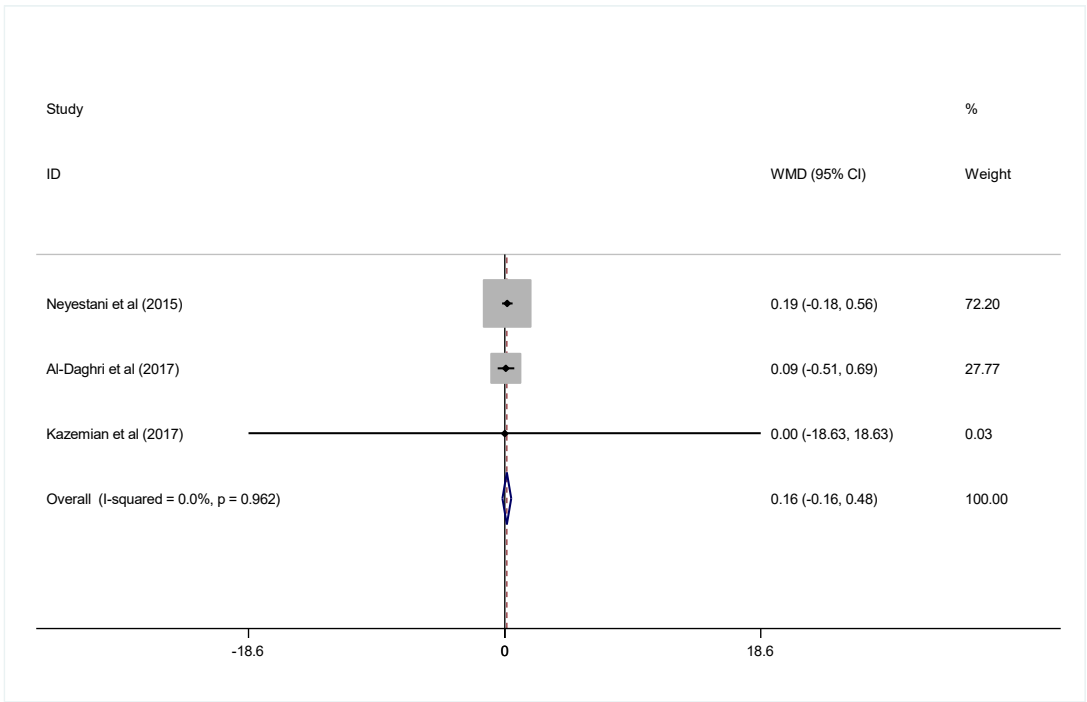
HDL



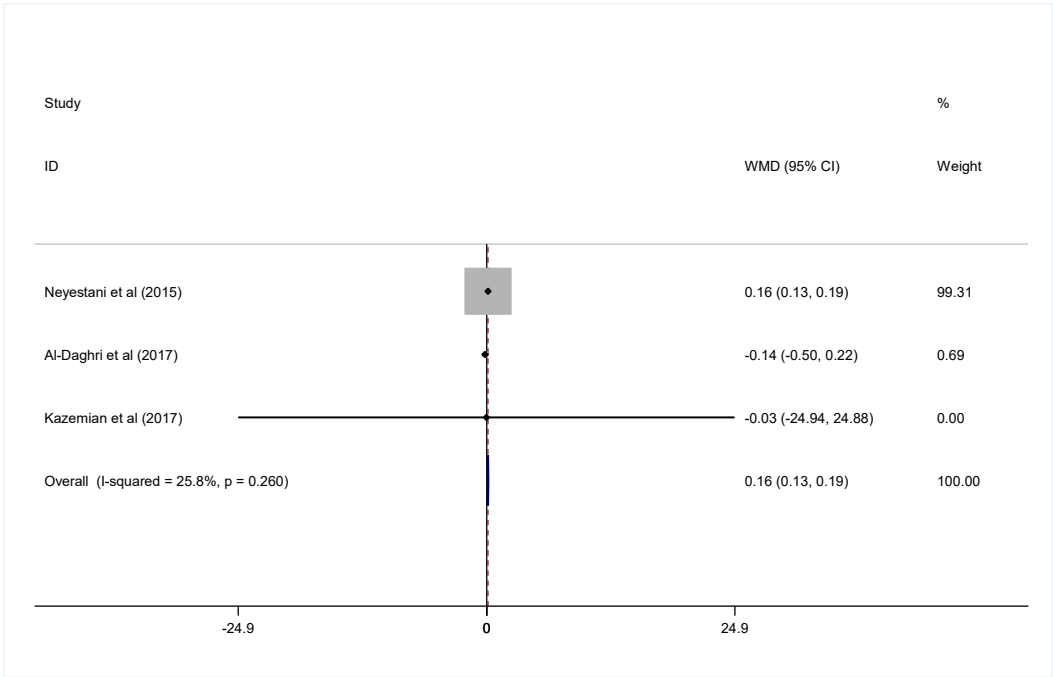
LDL



TC

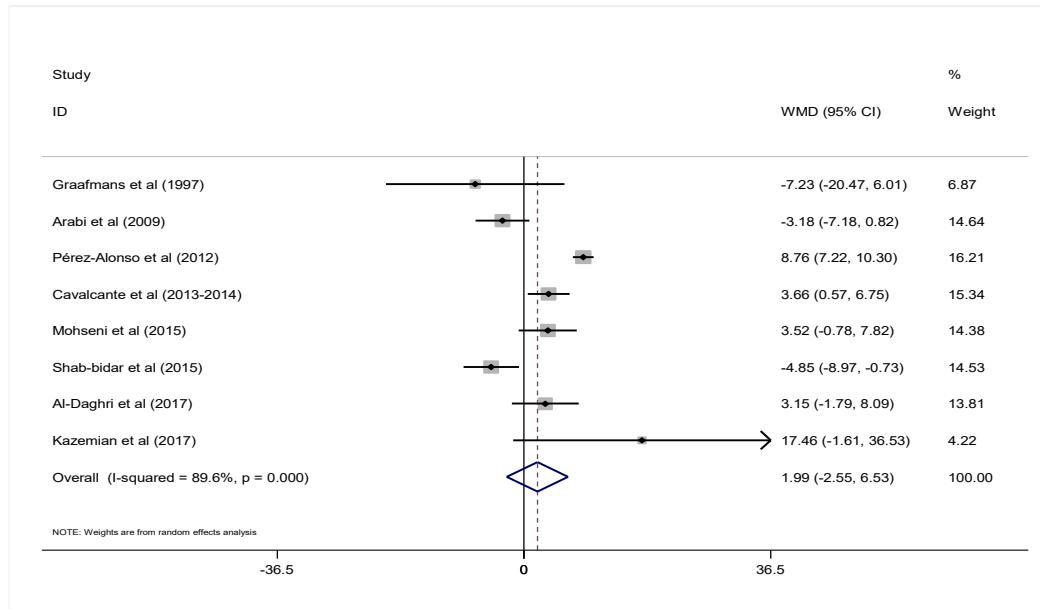


TG



Electronic supplementary material 1, Figure 3

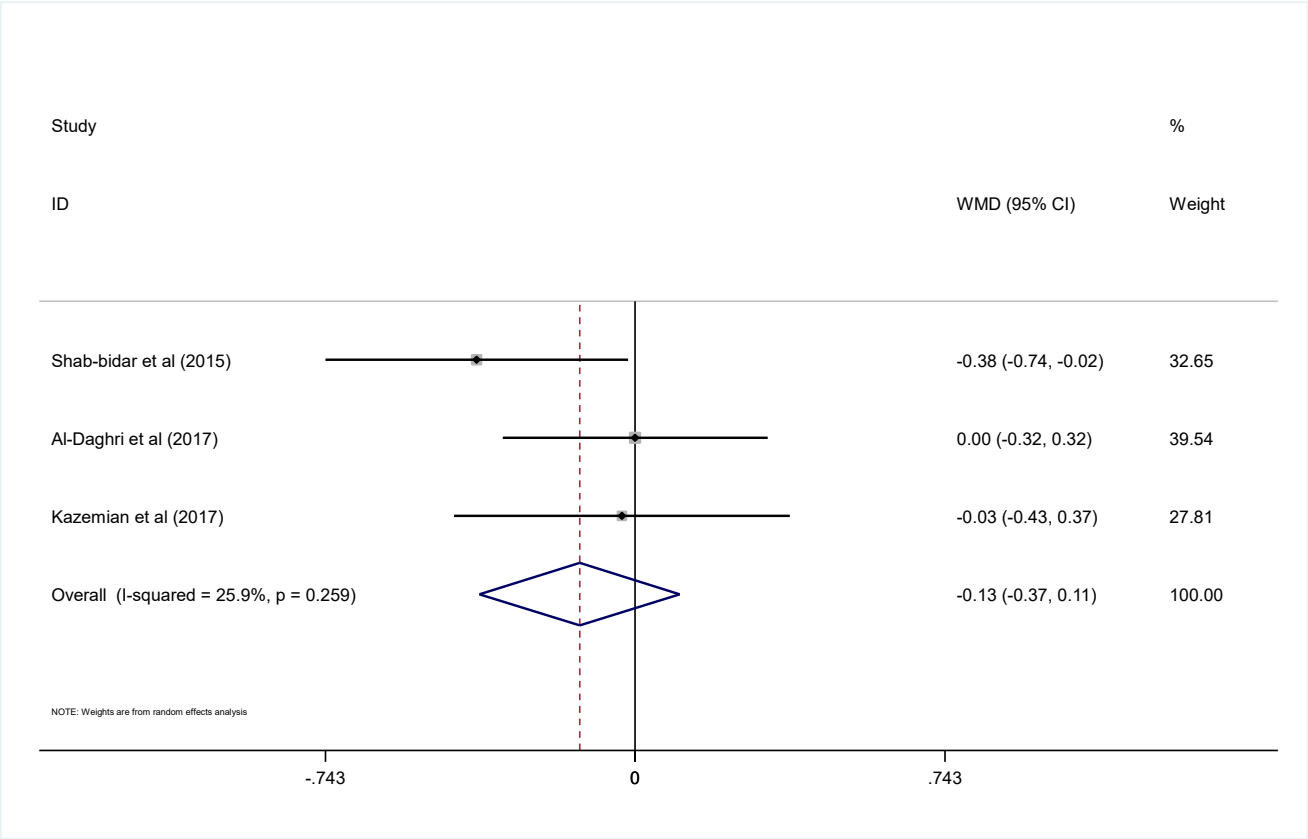
Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on serum concentrations of 25-OH vitamin D among BsmI polymorphism (BB, Bb) vs bb



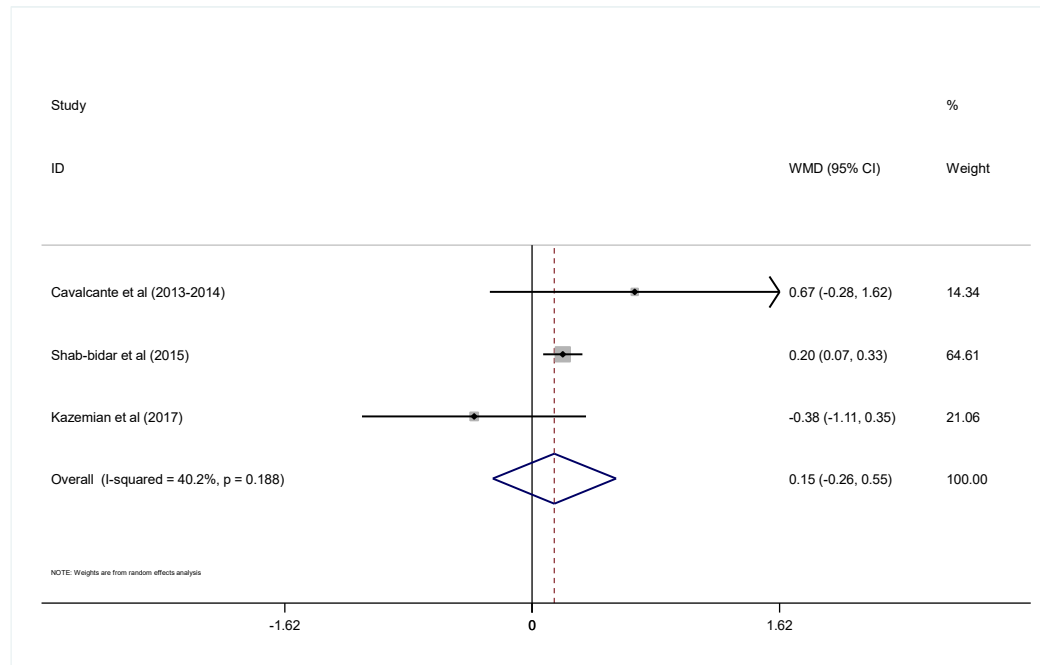
Electronic supplementary material 1, Figure 4

Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on body mass index (BMI), Malondialdehyde (MDA), and Tumor Necrosis Factor-alpha (TNF-α) among BsmI polymorphism (BB, Bb) vs bb

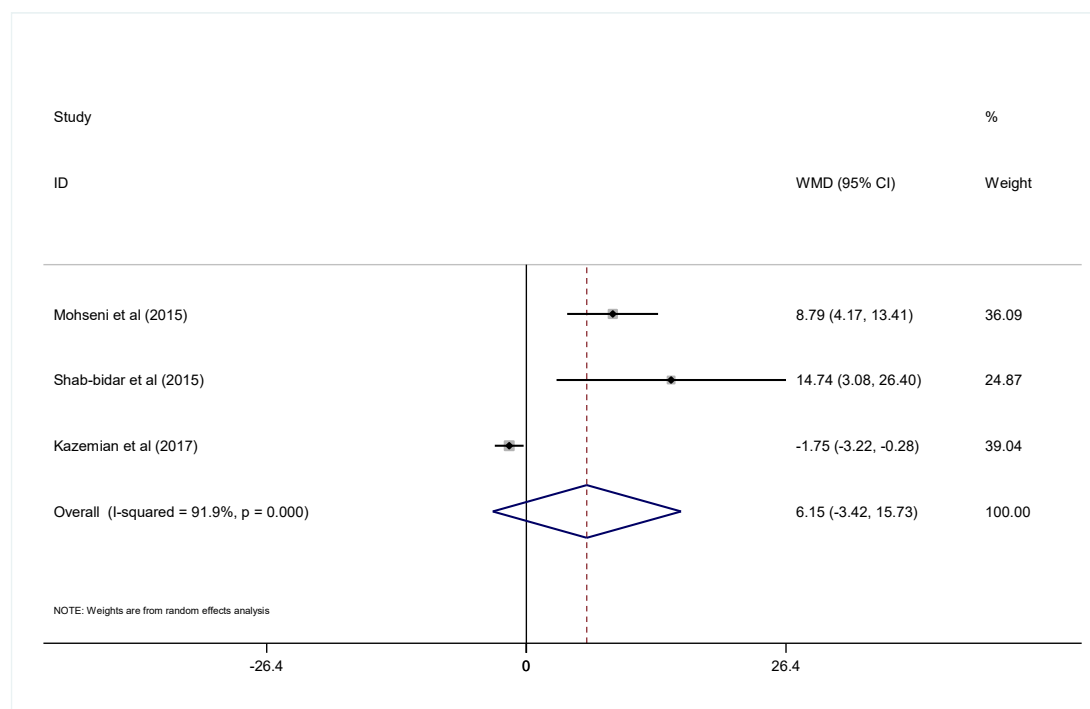
BMI



MDA

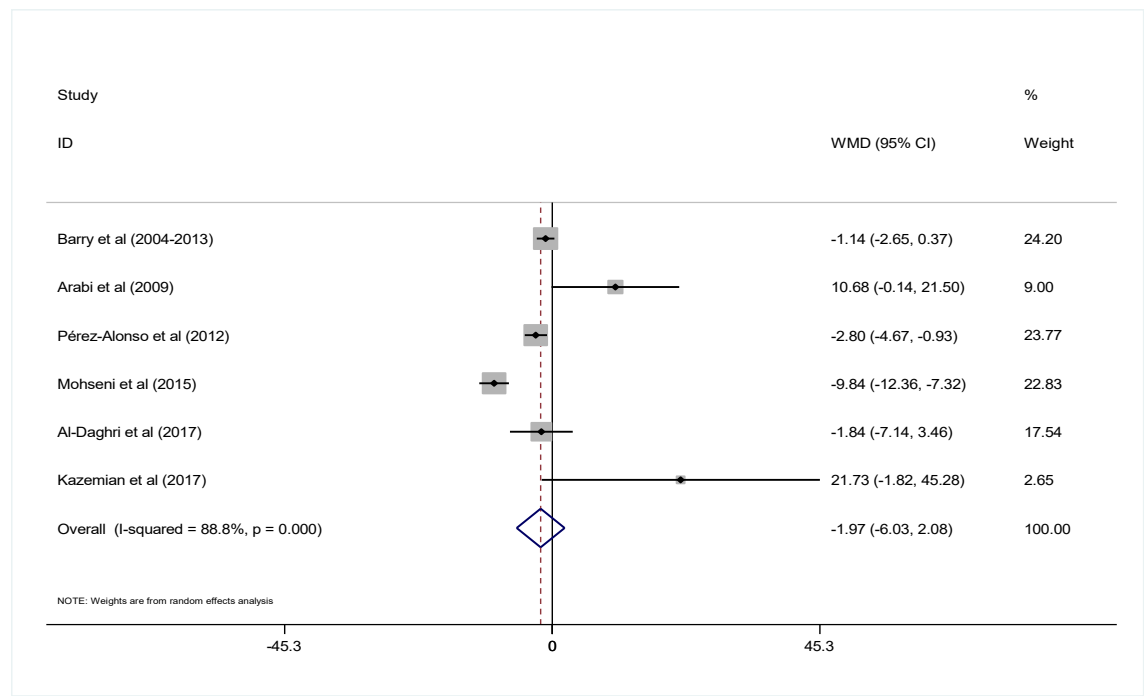


TNF- α



Electronic supplementary material 1, Figure 5

Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on serum concentrations of 25-OH vitamin D among TaqI polymorphism (TT, Tt) vs tt



Electronic supplementary material 1, Figure 6

Forest plot detailing weighted mean difference and 95% confidence intervals (CIs) for the effect of vitamin D supplementation on serum concentrations of 25-OH vitamin D among ApaI polymorphism (AA, Aa) vs aa

