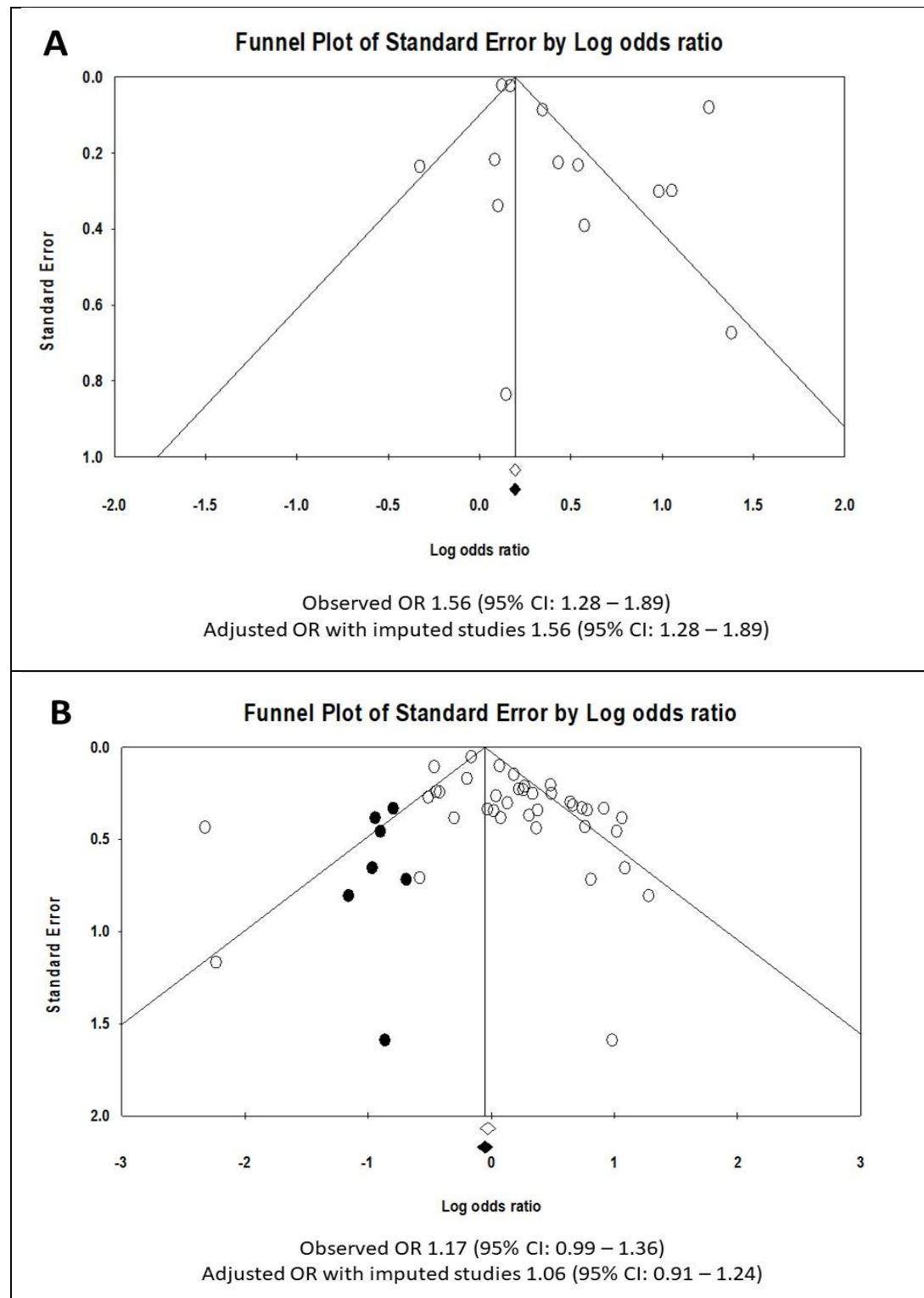
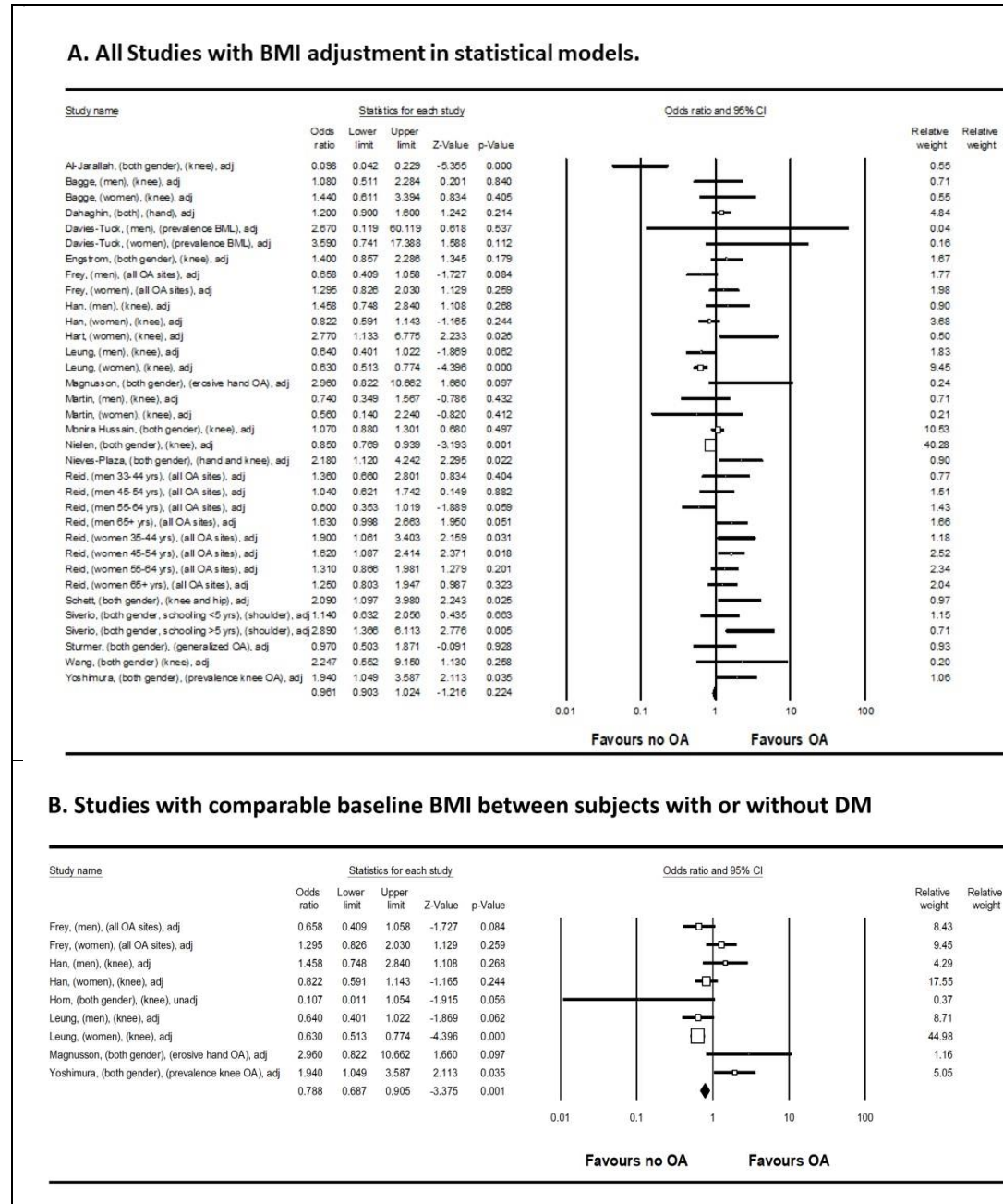


Supplementary Figure 1. Funnel plots for main meta-analysis

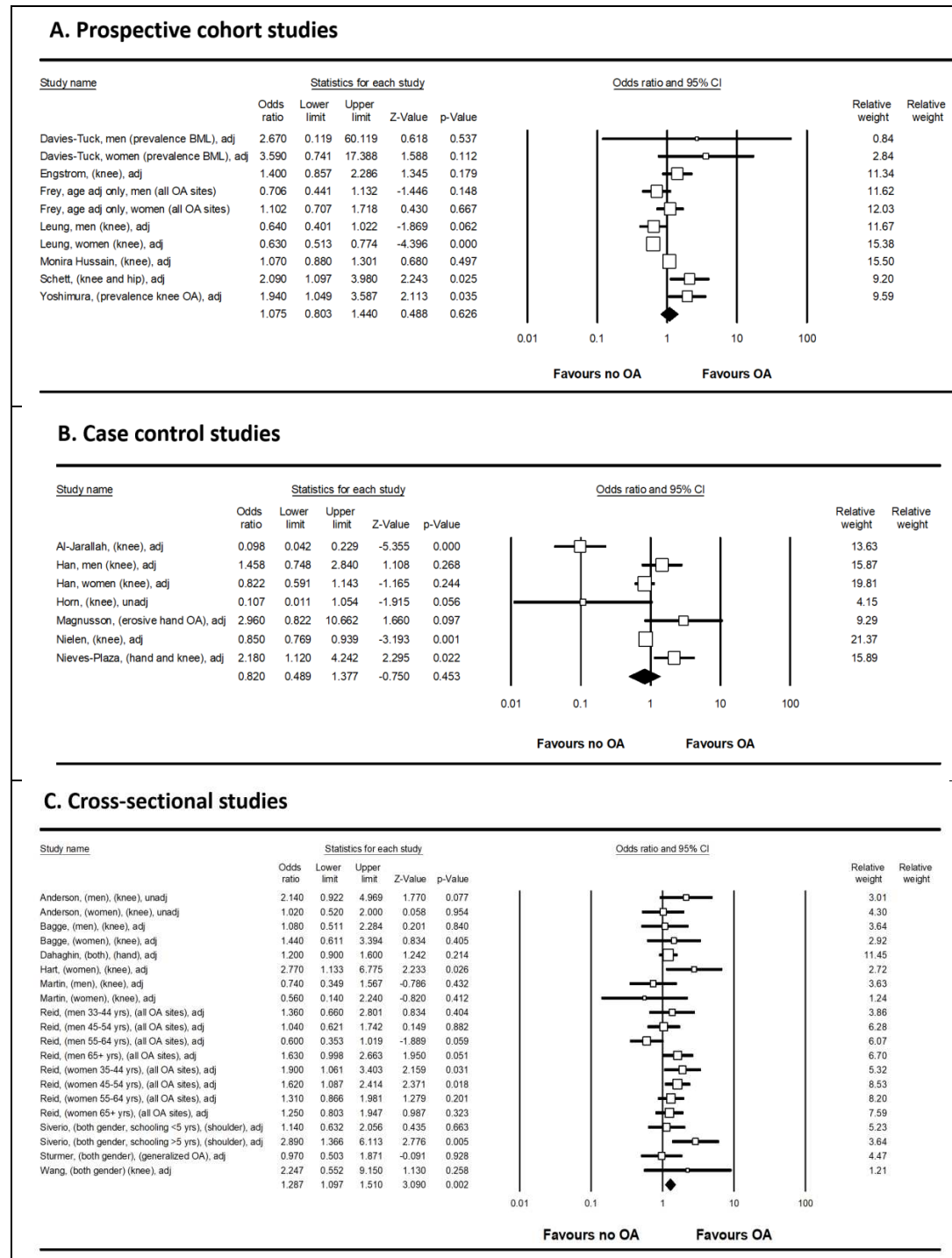


A. Funnel plot for model 1, risk of diabetes mellitus comparing subjects with to without osteoarthritis. **B.** Funnel plot for model 2, risk of osteoarthritis comparing subjects with to without diabetes mellitus. White: observed studies; Black: imputed studies adjusted for publication bias.

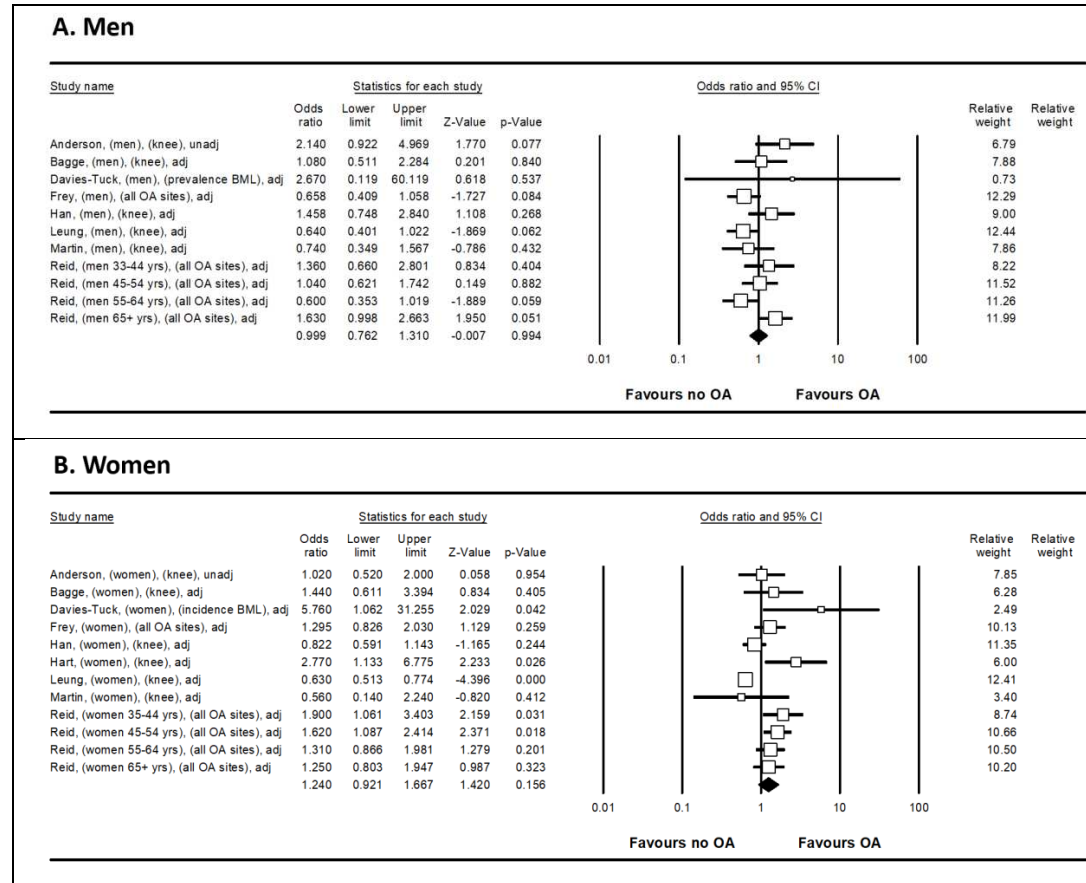
Supplementary Figure 2. Forest plots for risk of OA comparing DM to non-DM, sensitivity analysis stratified by BMI compatibility



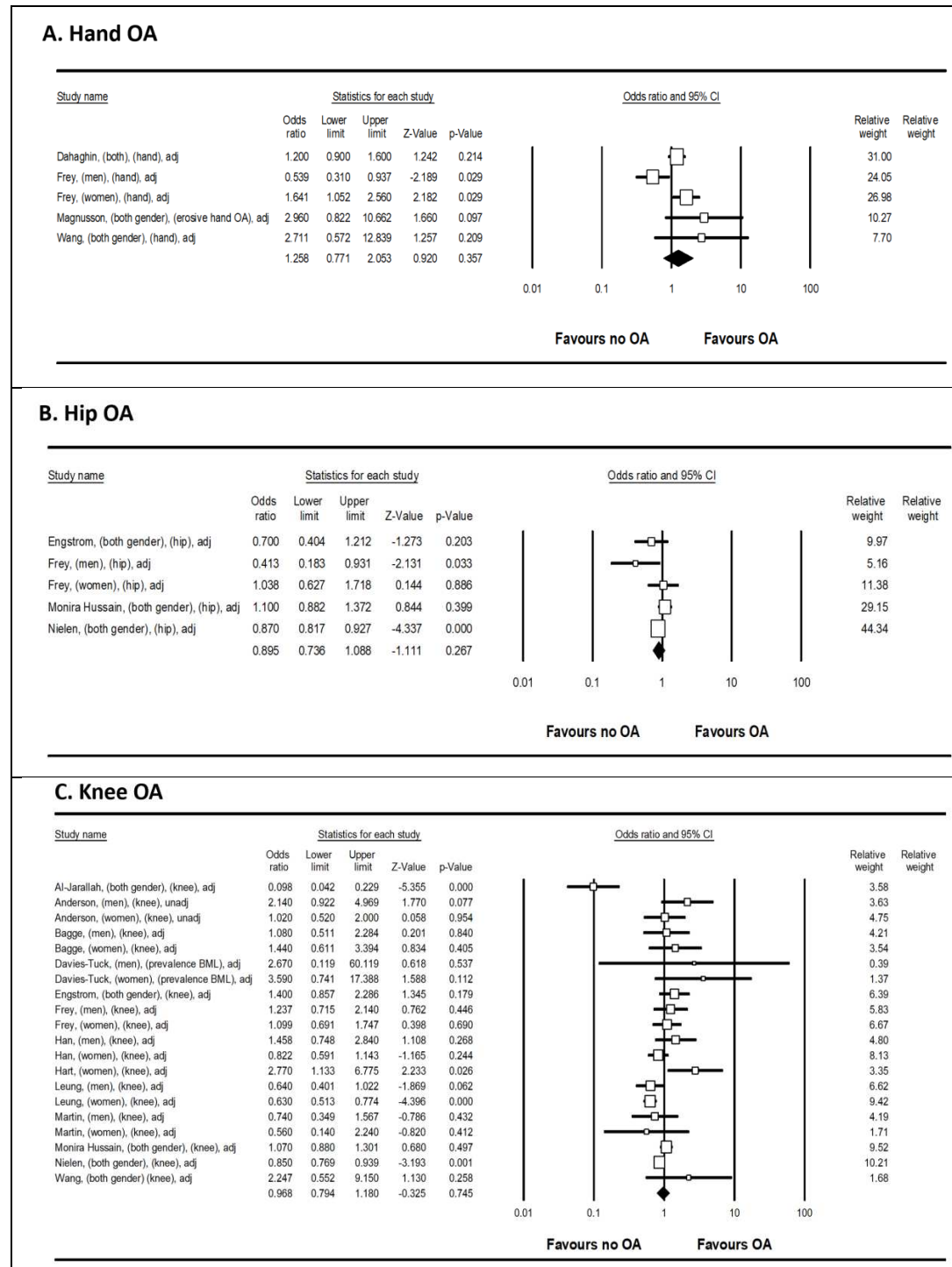
Supplementary Figure 3. Forest plots for risk of OA comparing DM to non-DM, sensitivity analysis stratified by study design



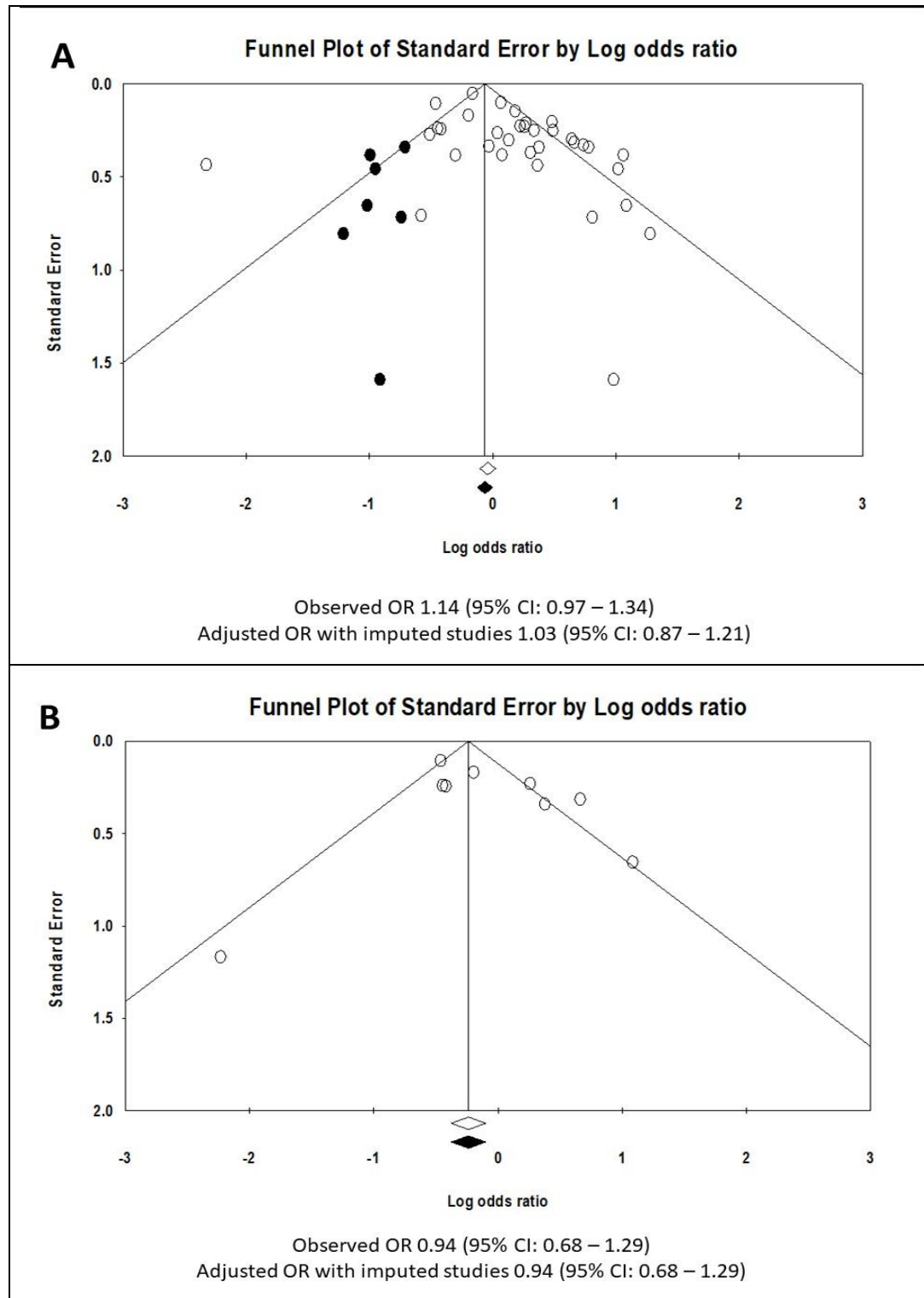
Supplementary Figure 4. Forest plots for risk of OA comparing DM to non-DM, sensitivity analysis stratified by genders



Supplementary Figure 5. Forest plots for risk of OA comparing DM to non-DM, sensitivity analysis stratified by site of OA



Supplementary Figure 6. Funnel plots for sensitivity analysis stratified by BMI adjustment



A. Funnel plot for studies with comparable baseline BMI between comparison groups. **B.** Funnel plot for studies with any form of adjustment of BMI.