

Supplementary Information

Title: Sulforaphane ameliorates lipid profile in rodents: An updated systematic review and meta-analysis

Author list: Kaili Du^{1,2}, Yuxin Fan¹ and Dan Li^{1,2,#}

¹Collaborative Innovation Center of Yangtze River Delta Region Green Pharmaceuticals, College of Pharmaceutical Sciences, Zhejiang University of Technology, Hangzhou, China.

²Department of Molecular, Cellular, and Developmental Biology, University of Michigan, Ann Arbor, qMI 48109, USA

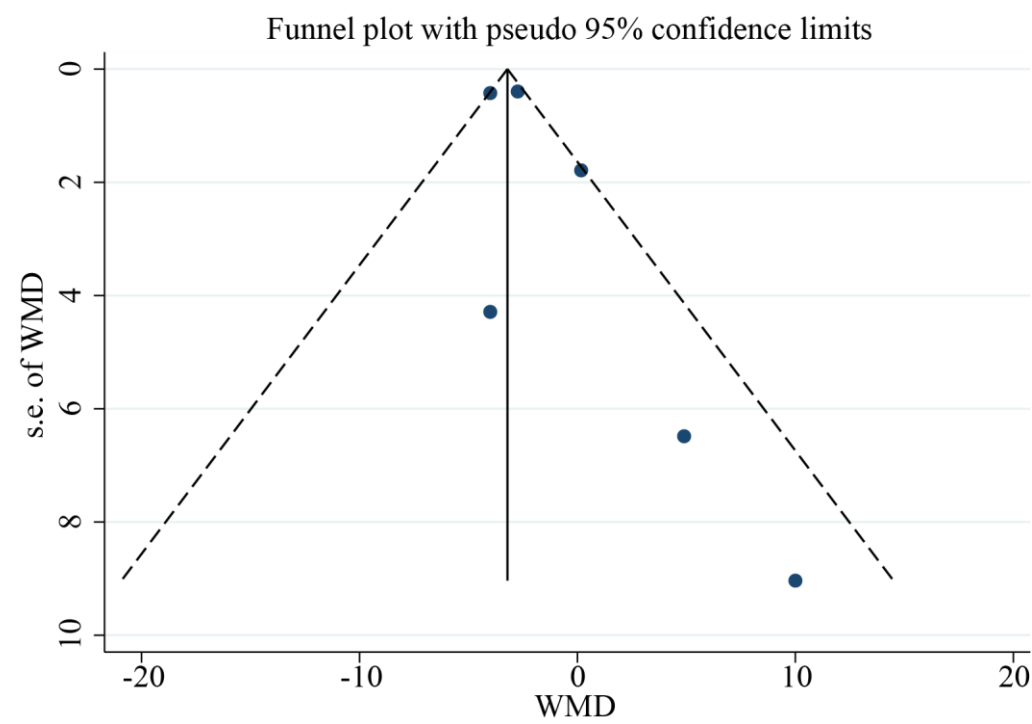
Correspondence: D. L. (Email: lidan@zjut.edu.cn)

Supplementary Table S1. Publication bias examined by Egger’slinear regression test.

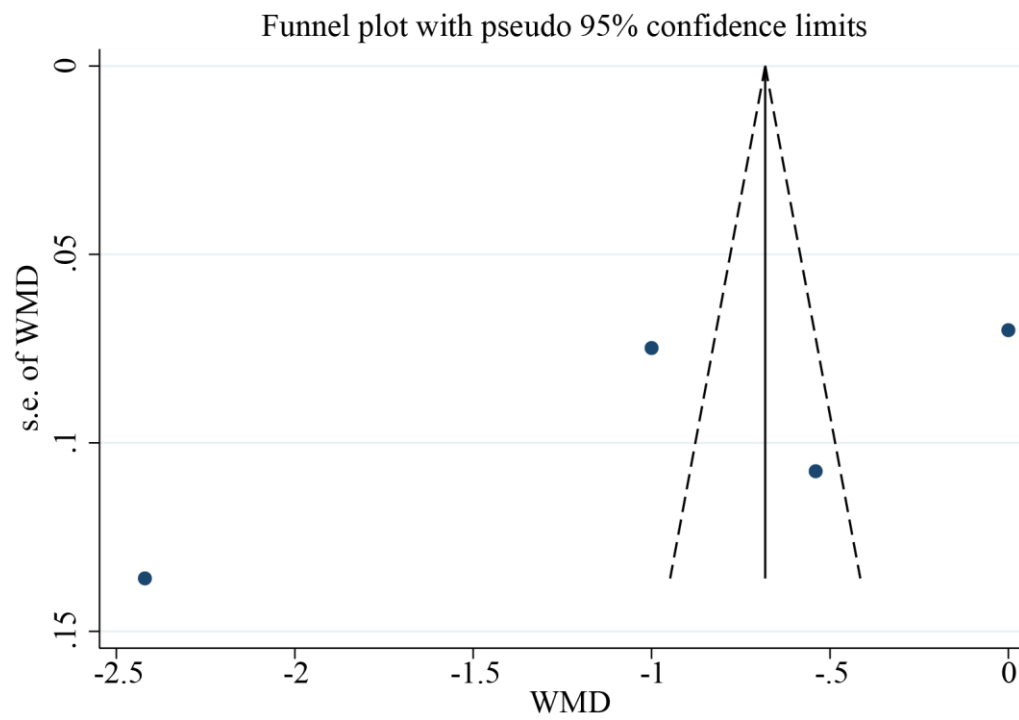
	BW	LW	TC	LDL-C	HDL-C	TG
Egger's test	0.201	0.386	0.055	0.515	0.836	0.230

Supplementary Figure S1. A. Funnel plots for body weight analysis. **B.** Funnel plots for liver weight analysis. **C.** Funnel plots for serum total cholesterol analysis. **D.** Funnel plots for serum low density lipoprotein analysis. **E.** Funnel plots for serum high density lipoprotein analysis. **F.** Funnel plots for serum triglyceride analysis.

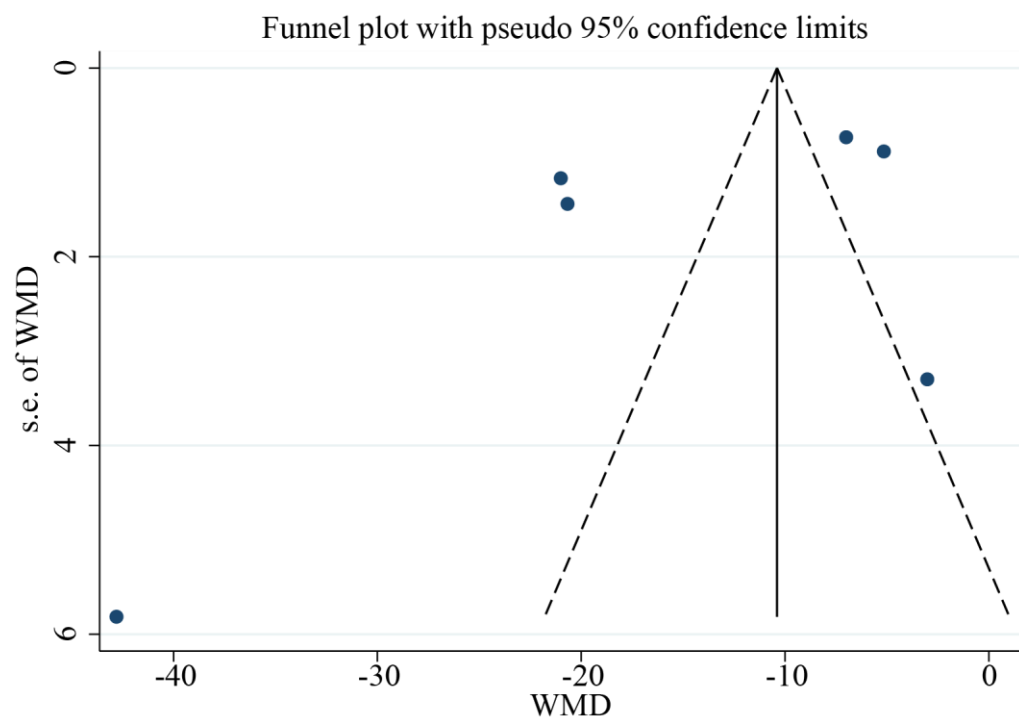
A



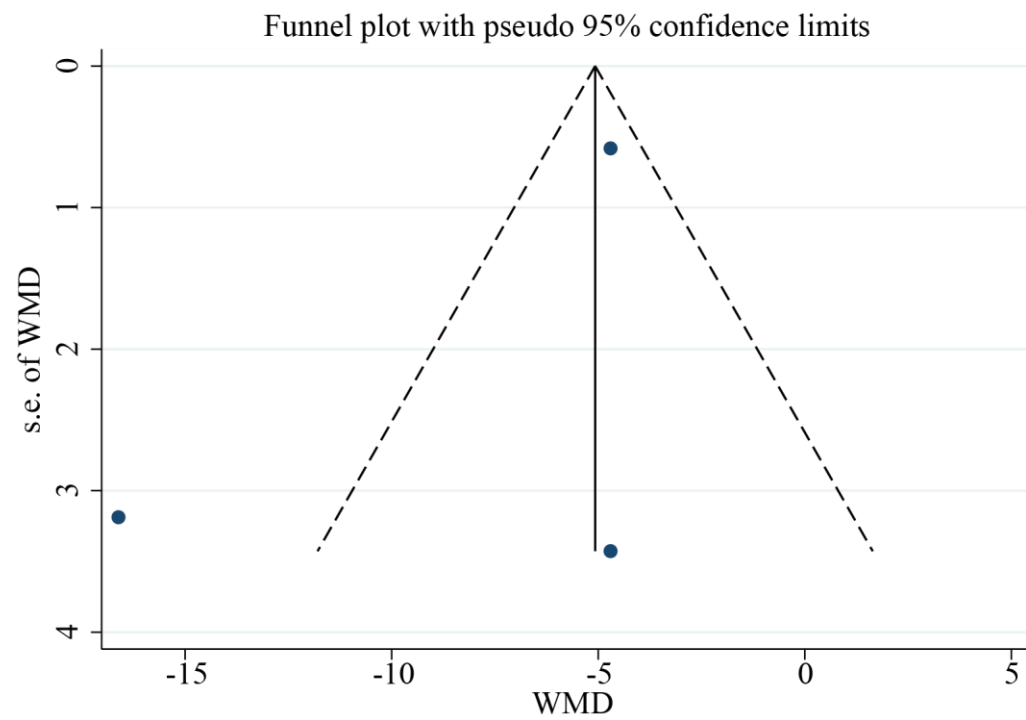
B



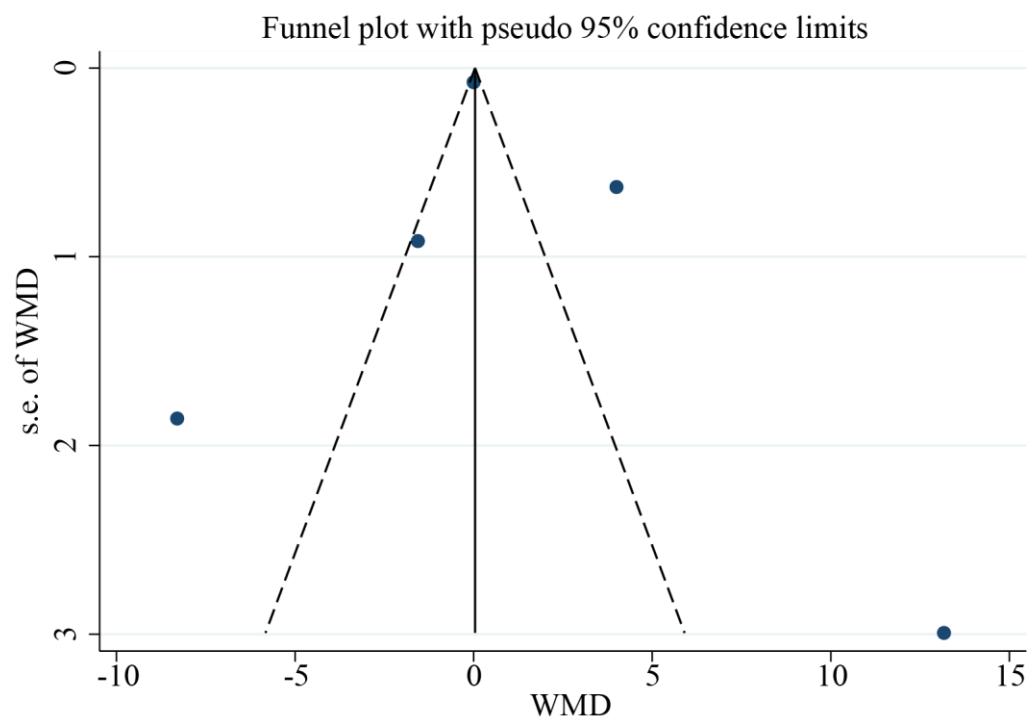
C



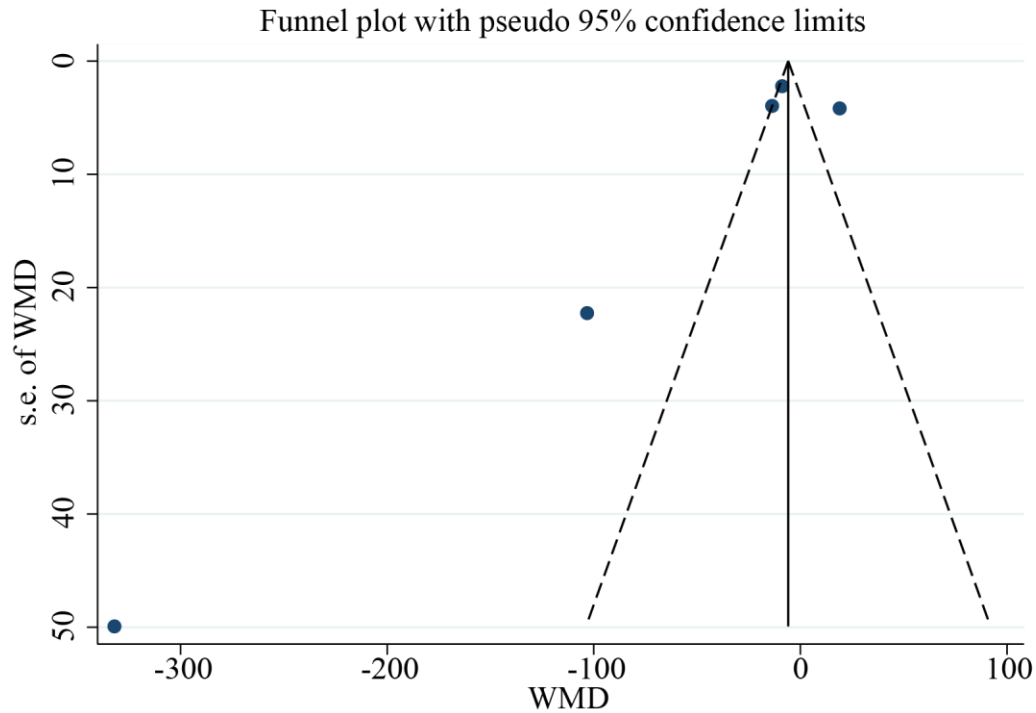
D



E

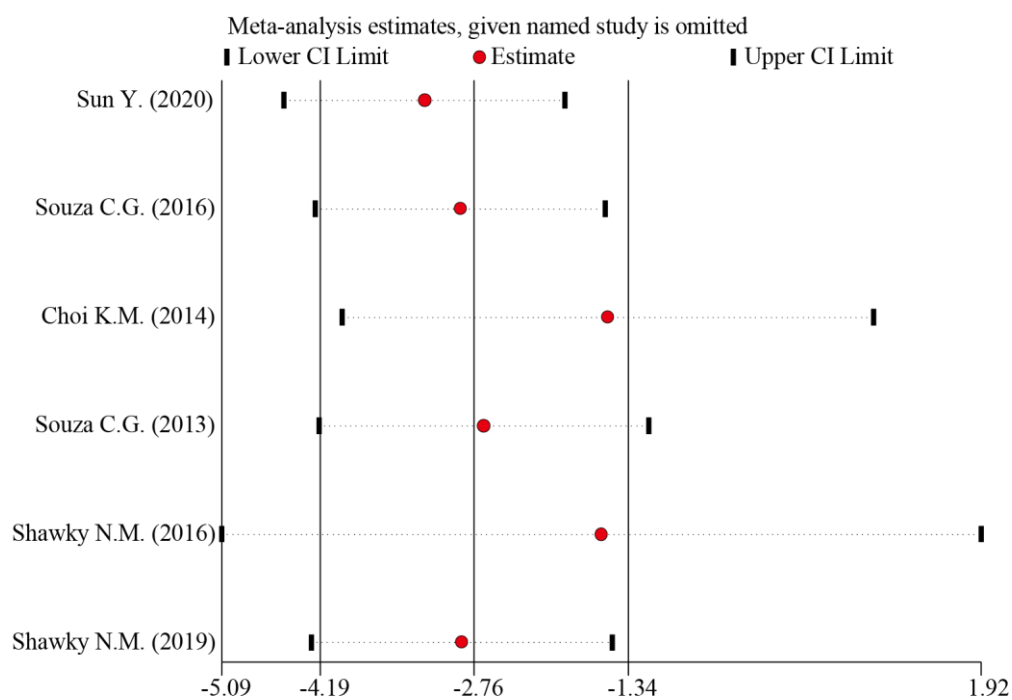


F

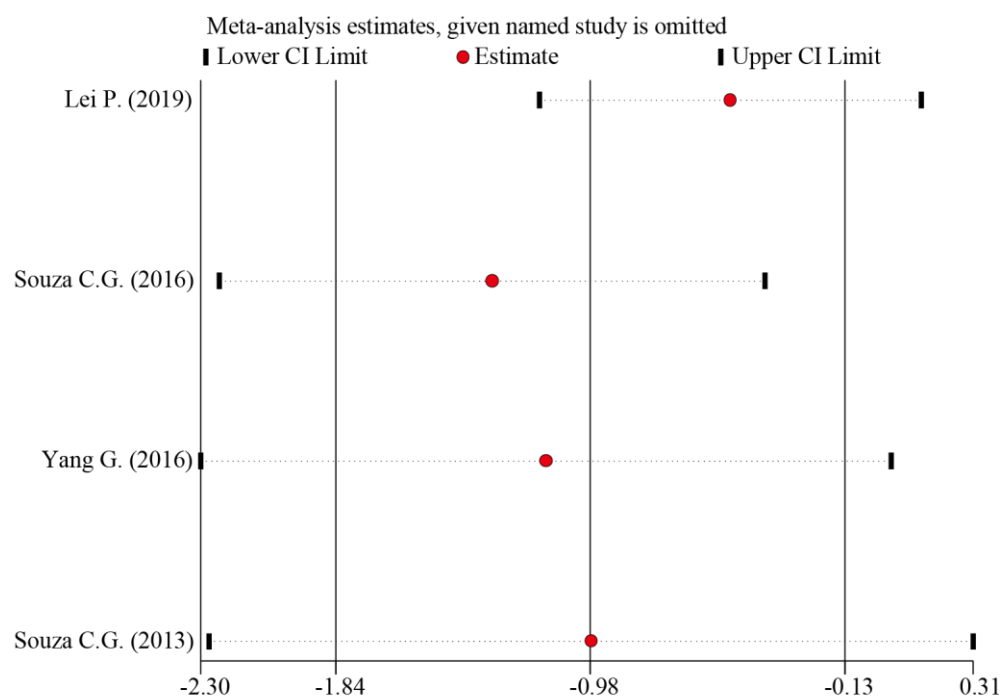


Supplementary Figure S2. A. Sensitivity analysis for the association between SFN supplement and body weight. **B.** Sensitivity analysis for the association between SFN supplement and liver weight. **C.** Sensitivity analysis for the association between SFN supplement and serum total cholesterol. **D.** Sensitivity analysis for the association between SFN supplement and serum low density lipoprotein levels. **E.** Sensitivity analysis for the association between SFN supplement and serum high density lipoprotein levels. **F.** Sensitivity analysis for the association between SFN supplement and serum triglyceride.

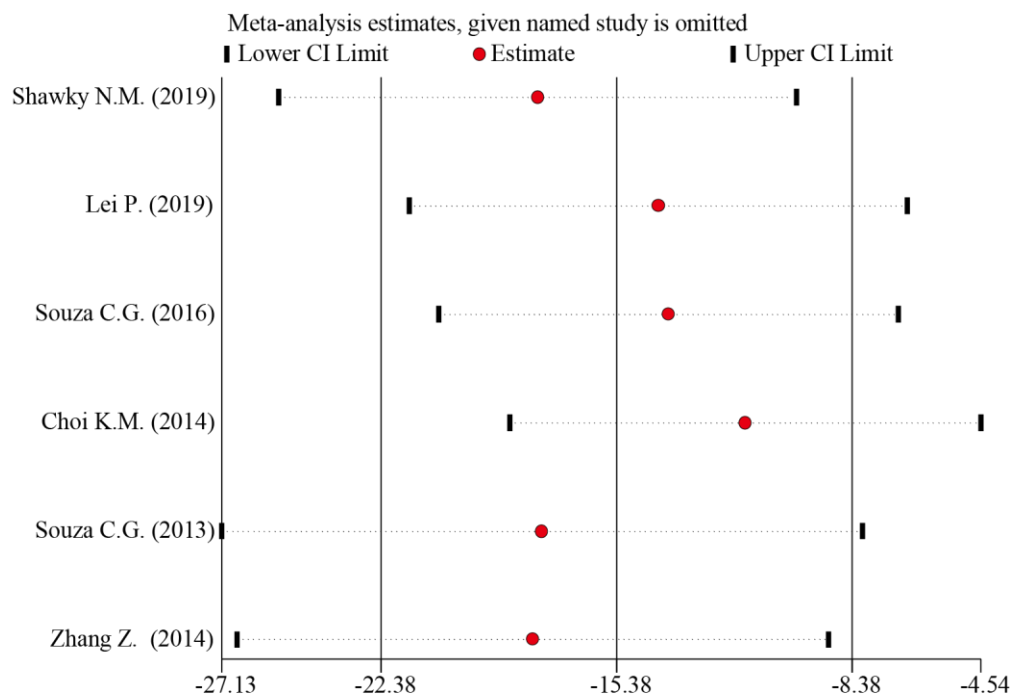
A



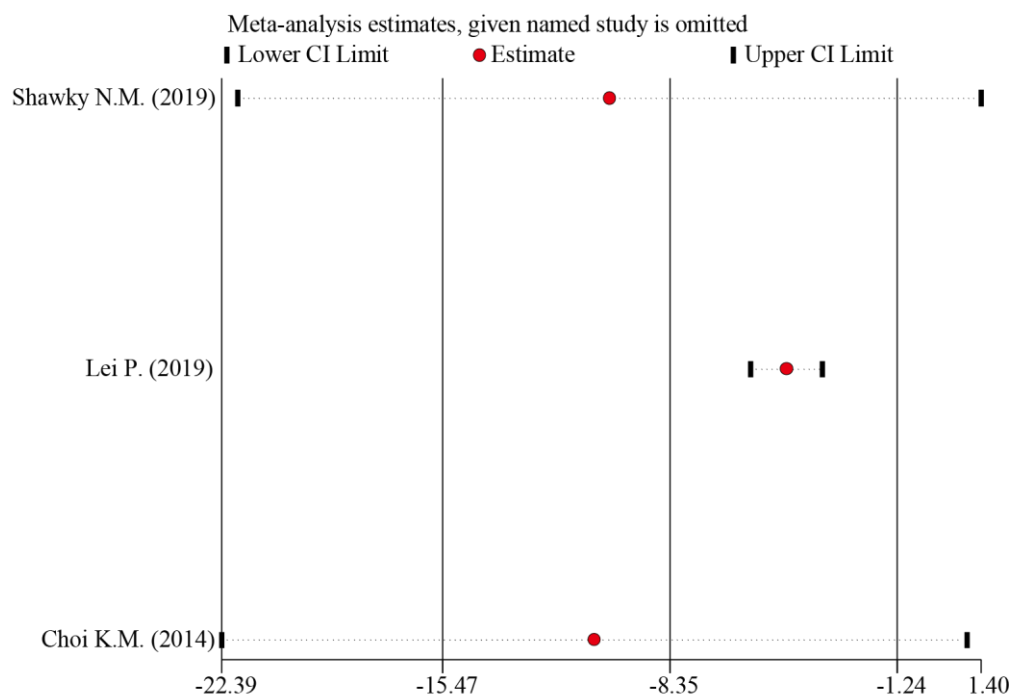
B



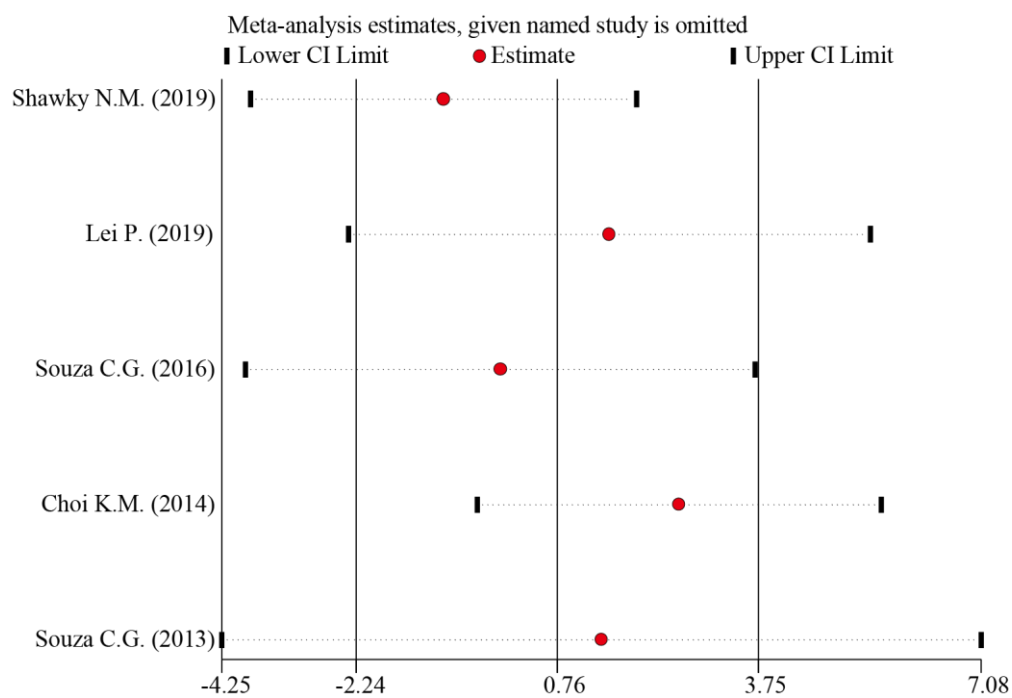
C



D



E



F

