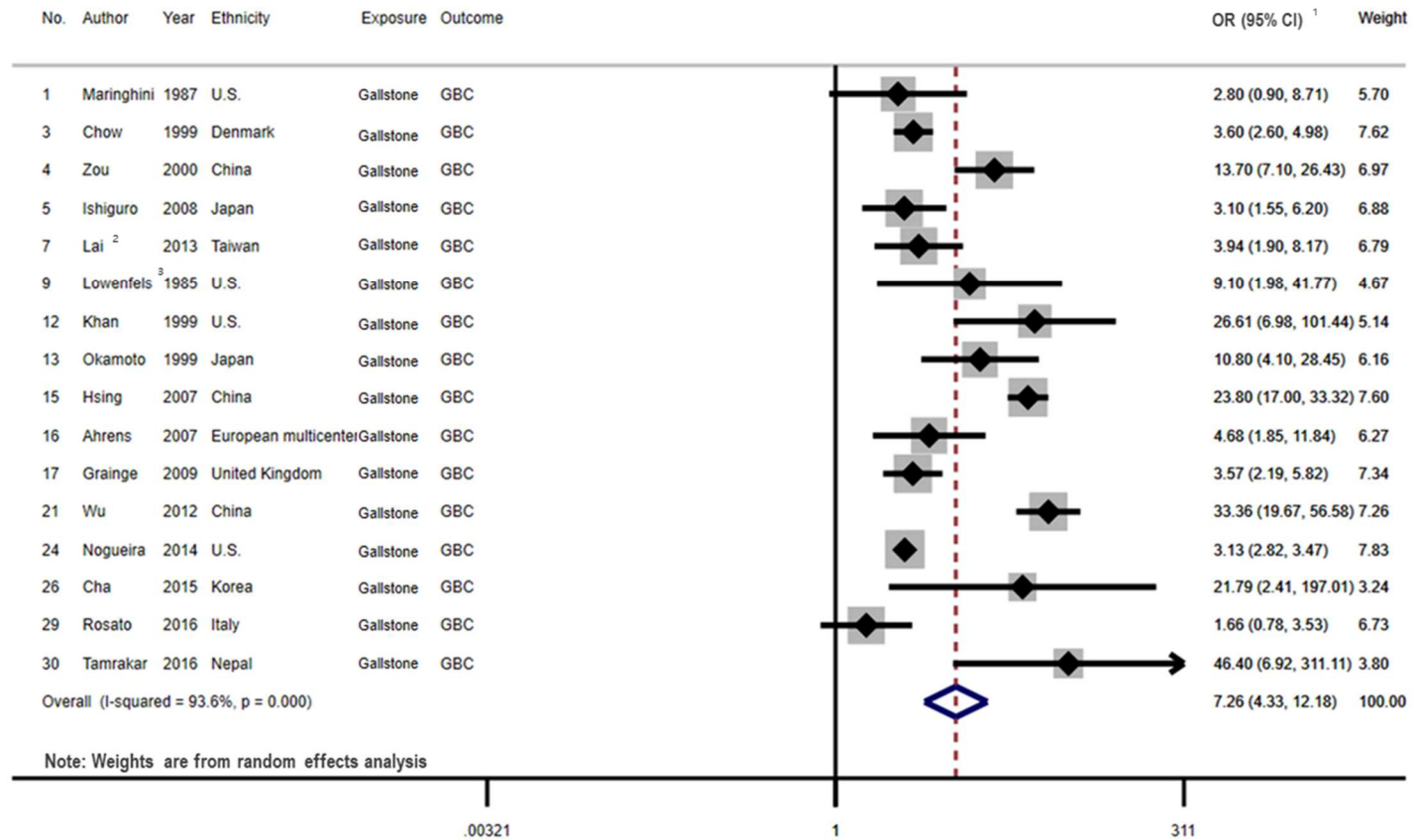
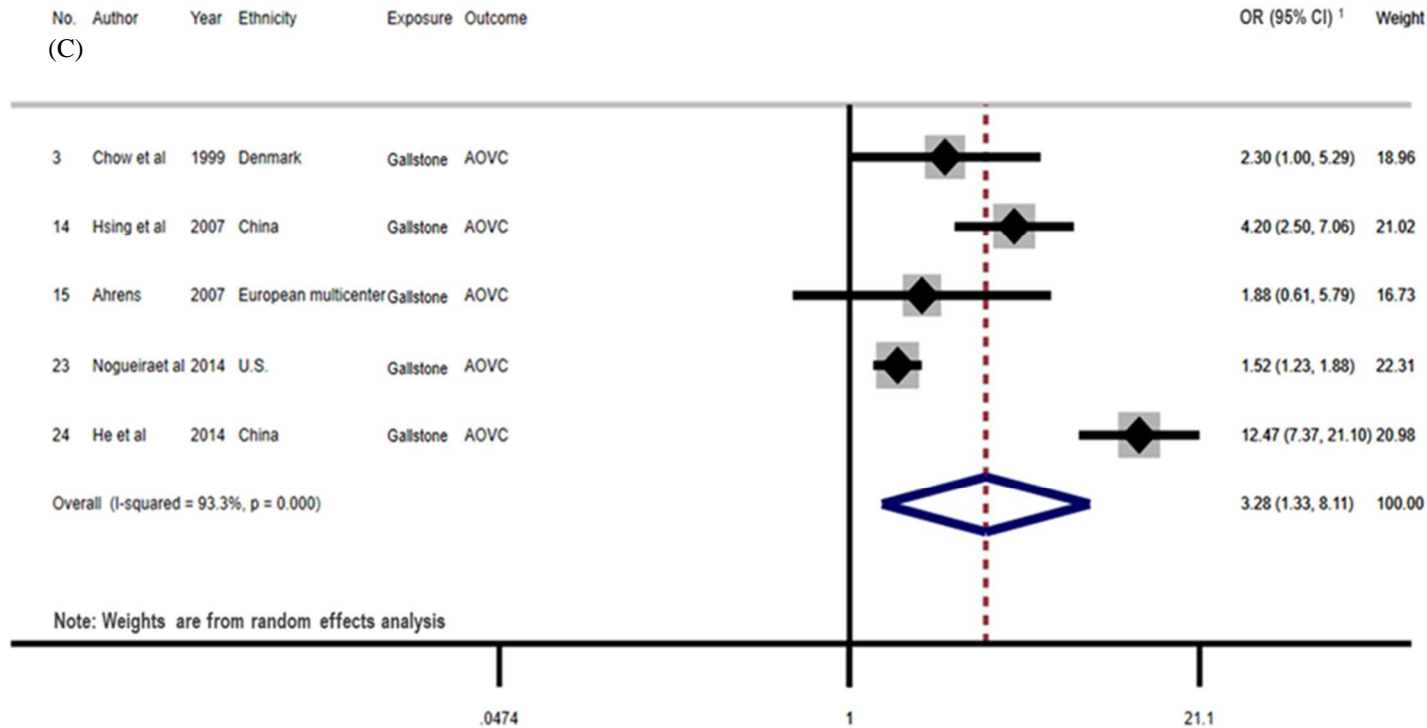


SUPPLEMENTARY MATERIALS

(A)





Supplementary Material 1. Forest plot showing the relationship between presence of gallstone and the risk of (A) GBC, (B) EBDC, and (C) AVOC. ¹OR (95% CI) refers to the estimate of effects included in a random effects model. ²Effect size of Lai et al. [27] was calculated by pooling the results of DM group and non-DM group. ³ Effect size of Lowenfels et al. [29] was calculated by pooling the results of indian and non-indian. ⁴Pooled the risk estimates of cholecystolithiasis and choledocholithiasis group. ⁵Pooled the risk estimates of CCA and EBDC group. The numbers are arranged in the order of Table 1. OR, odds ratio; CI, confidence interval; GBC, gallbladder cancer; BTC, biliary tract cancer; EBDC, extrahepatic bile duct cancer; AOVC, ampulla of Vater cancer.