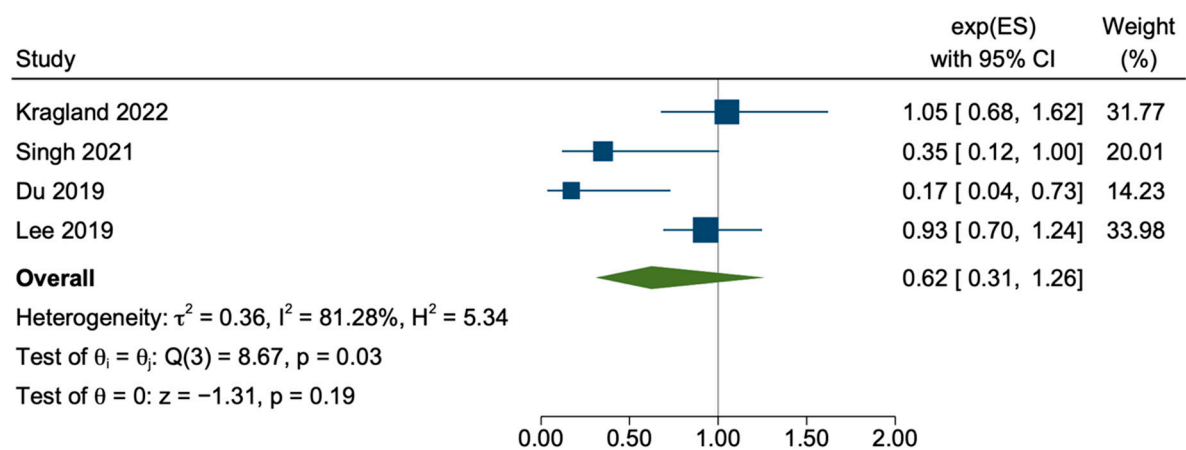


Random-effects REML model

Figure S1. Random-effects meta-analysis of the pooled case-control studies, utilising only crude unadjusted data [46–49].



Random-effects REML model

Figure S2. Subgroup random-effects meta-analysis of patients with cirrhosis, utilising only crude unadjusted data [34,37–39,44].