ARISTOTLE UNIVERSITY OF THESSALONIKI FACULTY OF HEALTH SCIENCES - SCHOOL OF MEDICINE LABORATORY OF HYGIENE, SOCIAL - PREVENTIVE MEDICINE AND MEDICAL STATISTICS



Head: Prof. Theodore J. Dardavessis MD, PhD

□ University Campus A.U.TH. • Thessaloniki • GR-54124 • Greece 🖀 +30 2310 999142 🛱 +30 2310 999971 ⊕ hysoprems.med.auth.gr 🖄 hysoprems@auth.gr

Anna-Bettina Haidich, Ph.D.

Associate Professor in Medical Statistics-Epidemiology haidich@auth.gr

January 4, 2023

Dear Editor,

I am writing to you regarding the manuscript entitled "Short- versus long-course antibiotic therapy in adult patients with acute cholangitis: A systematic review, metaanalysis and evidence quality assessment". I reviewed the paper and faithfully report that the proper statistical methods were used for the quantitative synthesis of the studies. Specifically, the random effects model was appropriately used to account for the heterogeneity across trials. Furthermore, the study quality assessment was performed with the risk of bias tool recommended by Cochrane Collaboration for randomised trials and the Newcastle Ottawa scale for observational studies. Results were presented using the effect sizes followed by 95% confidence intervals. Therefore, I confirm that the statistical analyses of this manuscript are appropriate and complete, and no further clarifications or analyses are needed.

Yours sincerely,

Anna-Bettina Haidich