Biostatistics Review Statement

The statistical methods used in the manuscript entitled “Burnout and Endoscopy-Specific Workload among Gastroenterologists and Gastroenterology Fellows in Turkey: A National Cross-Sectional Survey” were planned, performed, and reviewed by the author team.

Yavuz Özden was responsible for data curation, statistical analysis, and interpretation of the results. Rasim Eren Cankurtaran, Çağlayan Keklikkıran, and Çağdaş Erdoğan reviewed the statistical approach, interpretation of the findings, and consistency of the reported results with the study design and objectives.

The study is a national cross-sectional survey. The statistical methods included descriptive analyses, assessment of distributional normality, non-parametric group comparisons, trend analysis across ordered on-call categories, Spearman correlation analyses, and multivariable logistic regression for factors associated with clinically relevant personal burnout. Missing data were handled using available-case analysis, and denominators were reported where item-level missingness occurred.

The authors confirm that the statistical methods are appropriate for the observational cross-sectional design and that the findings are interpreted with appropriate caution, considering the use of professional network-based recruitment, snowball sampling, self-reported data, and the inability to calculate a formal response rate.

Reviewed and approved by:

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