Dear Editor(s),

I am writing to submit our paper, titled “Phi, Fei, Fo, Fum: Effect Sizes for Categorical Data that Use the Chi-Squared Statistic" for consideration in the upcoming special issue, *Advances in Statistical Computing,* on applied mathematics and statistics. The paper presents a new effect size, Fei, and its application in R, which we believe will be of interest to the readers of the journal.

Our work introduces a novel approach to measuring the size of an effect in statistical analyses for 1-dimesional contingency tables. Traditional effect size measures for such analyses, such as Cohen's w, have limitations that are discussed in the manuscript. Our proposed effect size overcomes these limitations by taking into account the variability of the data and the magnitude of the effect being measured.

We believe that this new effect size has the potential to make a significant impact in the field of applied mathematics and statistics, particularly in areas where effect sizes are critical for decision-making, such as in medical research or social sciences.

Our paper provides a detailed description of the new effect size, its properties, and its advantages over existing measures. We also present examples to demonstrate its usefulness and validity.

We are confident that our work is a valuable contribution to the field of applied mathematics and statistics, and we believe it would be a good fit for the special issue. We appreciate your time and consideration, and we look forward to hearing from you soon.

Thank you for your consideration.

Sincerely,

Mattan S. Ben-Shachar, PhD