

Review of: "Intersections of Statistical Significance and Substantive Significance: Pearson's Correlation Coefficients Under a Known True Null Hypothesis"

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Potential competing interests: No potential competing interests to declare.

Comment 1. The presentation way of the manuscript shows some mechanistic repetition of same types of figures and tables leading to several separated pages that don't make easy synthetic reading of the manuscript. The presentation quality of the manuscript could be improved by using a single integrative figure for the same type of results: for instance, integrative figures containing the five simulation results ($n=4, 30, 100, 1000, 2000$) could be prepared for the results concerning the p -, r -, z -values, etc. This helps for global vision and rapid reading of different simulation results associated with different sample sizes.

Comment 2. The manuscript could be improved by applying simulations with continuously increasing sample sizes from $n=4$ to $n=2000$ by steps of 10 or 20, followed by graphic presentation of results (e.g., proportions of (yes-yes)-cases in relation to sample size n). This will provide integrative graphics helping to globally see the variation in results with sample size. The simulations could be illustrated on some random variable pairs by focusing on the gradual and systematic variation of sample size.

Comment 3. The author could talk about the sensitivity of different correlation types (Pearson, Spearman, Kendall, etc.) to sample size from bibliographical works. By this means, the Introduction and/or discussion could be enriched.