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This paper is about developing a domain-general sequence detection method. No new data is used in this paper.

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* Statistical analysis methods should be described and justified
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* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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This has been detailed in the “Statistical Inference” section. This aims to provide reliable and robust statistical method for sequence detection. Caveats are also discussed.

(For large datasets, or papers with a very large number of statistical tests, you may upload a single table file with tests, Ns, etc., with reference to sections in the manuscript.)

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