Review of: "A Novel Variable Neighborhood Search Approach for Cell Clustering for Spatial Transcriptomics"

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Potential competing interests: No potential competing interests to declare.

The paper presents a novel approach utilizing variable neighborhood search for cell clustering in spatial transcriptomics, a field of increasing importance in understanding cellular behavior within tissues.

The methodology section is adequately detailed, providing a clear description of the variable neighborhood search approach employed for cell clustering. The algorithmic steps are well-defined, facilitating reproducibility and implementation.

The comparisons with existing methods provide valuable insights into the strengths of the proposed approach.

However, deeper exploration of the biological implications of the clustering results and their relevance to cellular behavior would enhance the impact of the study.

The paper is generally well-written and organized, facilitating comprehension of the methodology and results.

Overall, the paper presents a novel and potentially impactful approach to cell clustering for spatial transcriptomics using variable neighborhood search.