Qeios

Peer Review

Review of: "Data Integrity vs. Inference Accuracy in Large AIS Datasets"

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This research paper focuses on data integrity issues in Automatic Ship Identification Systems (AIS) and their impact on classification accuracy. The study specifically examines tanker vessel data from the Baltic Sea region, using a comprehensive database purchased from S&P Global/IHS Markit containing over 225 ship indicators. The paper makes a valuable contribution to the field by highlighting specific data integrity challenges in AIS systems and demonstrating their potential impact on maritime operations. However, future research could expand upon this work by including multiple vessel types and developing specific methodologies for improving data quality.

Declarations

Potential competing interests: No potential competing interests to declare.