

Peer Review

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

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Ensuring the accurate quality validation of AIS data is a crucial aspect.

1. Focusing solely on tanker vessels appears to be a rather narrow approach. Tankers are a type of vessel that generally adheres well to predefined routes, which may limit the generalizability of the findings.
2. While the study analyzes vessel SOG, it would be beneficial to also consider static information included in AIS data, such as vessel specifications, which can provide additional insights.
3. In addition to plotting AIS data on a map, visualizing vessel trajectories would further enhance the effectiveness of the analysis by providing a clearer representation of movement patterns.

## Declarations

**Potential competing interests:** No potential competing interests to declare.