## Semiparametric robust mean estimations based on the orderliness of quantile averages

## **Tuban Lee**

This manuscript was compiled on July 4, 2023

semiparametric | mean-median-mode inequality | asymptotic | unimodal | Hodges–Lehmann estimator

- 1 Proof.
- <sup>2</sup> Mean estimators based on the  $\nu$ th  $\gamma$ -orderliness
- Data Availability. Data for Figure ?? are given in SI Dataset
- 4 S1. All codes have been deposited in GitHub.
- $_{5}$   $\,$  ACKNOWLEDGMENTS.  $\,$  I sincerely acknowledge the insightful
- $\epsilon$  comments from the editor which considerably elevated the lucidity
- 7 and merit of this paper.