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

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This manuscript was compiled on July 10, 2023

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

- $\square$  Proof.
- Inequalities Related to Weighted Averages
- 3 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.