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

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

- $\Gamma$  Proof.
- $_{2}$   $\epsilon,\gamma$ -Binomial Mean and Weighted Inequalities
- 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
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- 7 and merit of this paper.