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

Inequalities related to weighted averages

- 2 So far, it seems plausible that the bias of a reasonable weighted
- $_{\mbox{\scriptsize 3}}$ average should be related to its degree of robustness in a
- $_{\rm 4}$ $\,$ semiparametric distribution, since it is a linear combination
- 5 of quantile averages.
- 6 Data Availability. Data for Figure ?? are given in SI Dataset
- ⁷ S1. All codes have been deposited in GitHub.
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