

Near-consistent robust estimations of moments for unimodal distributions

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1 Descriptive statistics for parametric models currently rely heavily
2 on the accuracy of distributional assumptions. Here, leveraging the
3 structures of parametric distributions and their central moment kernel
4 distributions, a class of estimators is proposed. These estimators
5 are robust to both gross errors and departures from parametric as-
6 sumptions, making them ideal for estimating the mean and central
7 moments of common unimodal distributions

1 Theorem .1.

2 *Proof.*

□

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