

Near-consistent robust estimations of moments for unimodal distributions

Tuban Lee

This manuscript was compiled on June 7, 2023

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, consistent simultaneously for both
5 a semiparametric distribution and a distinct parametric distribution,
6 is proposed. These estimators are robust to both gross errors and
7 departures from parametric assumptions,

1 Theorem .1.

2 *Proof.*

□

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