

# 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.

1 Theorem .1.

2 *Proof.* □

DRAFT