

Partial Identification with a Mixed Logit Model

Simulating Bounds on Average Elasticity

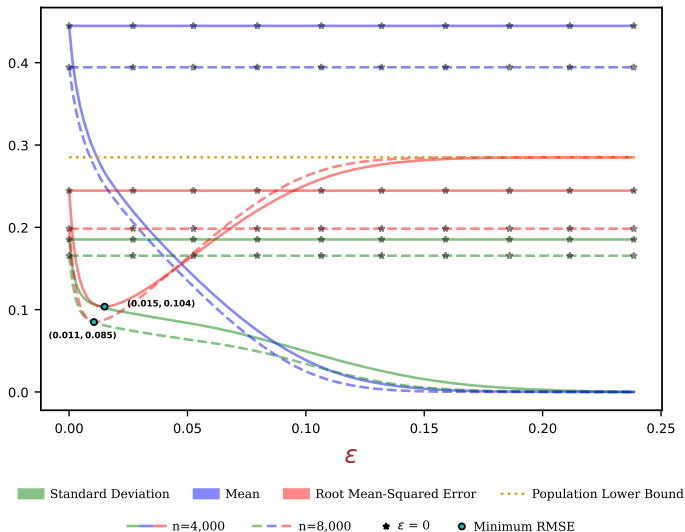
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Lower Bounds

Constraint: Hard

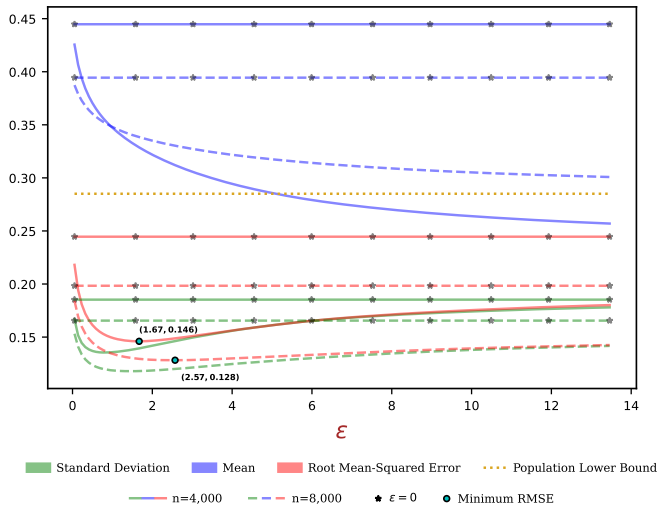
$\hat{T}_{lb}^H(\varepsilon)$ with 1-norm



Constraint: Hard

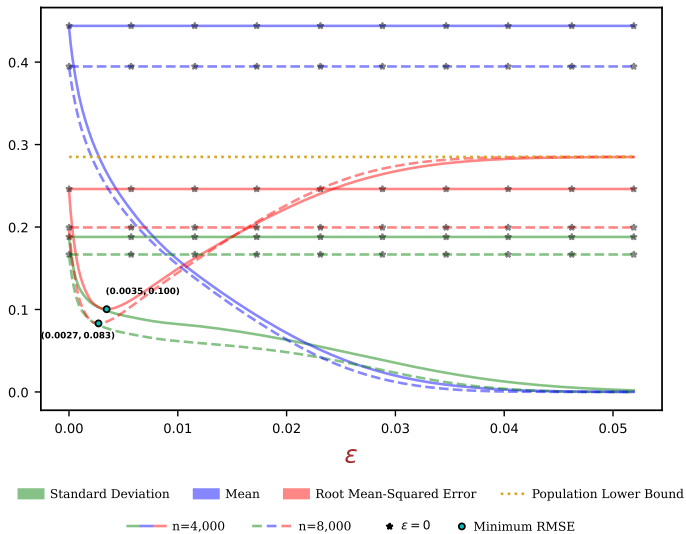
ϵ enters in multiplicatively

$\hat{T}_{lb}^H(\epsilon)$ with 1-norm



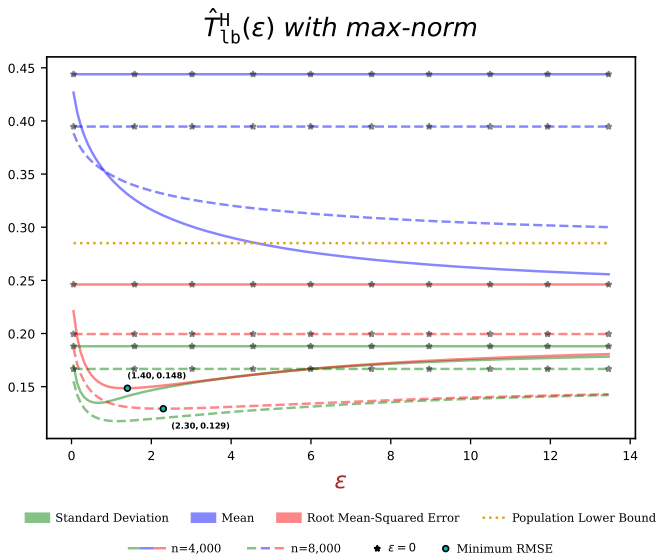
Constraint: Hard

$\hat{T}_{lb}^H(\varepsilon)$ with *max-norm*



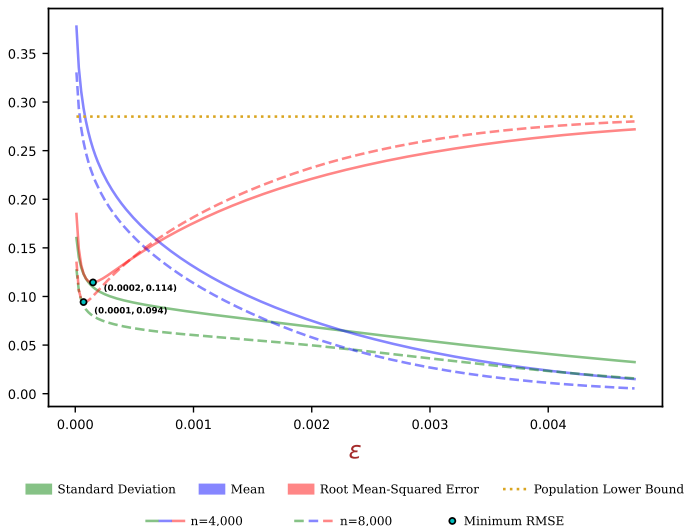
Constraint: Hard

ϵ enters in multiplicatively



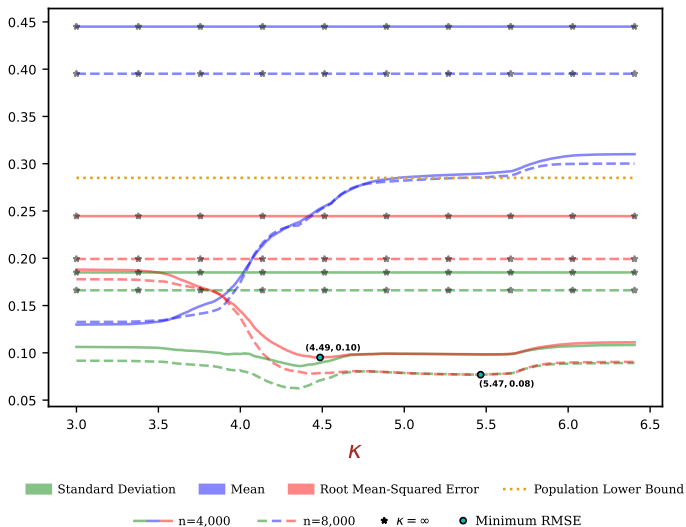
Constraint: Hard

$\hat{T}_{lb}^H(\epsilon)$ with Euclidean norm



Constraint: Soft

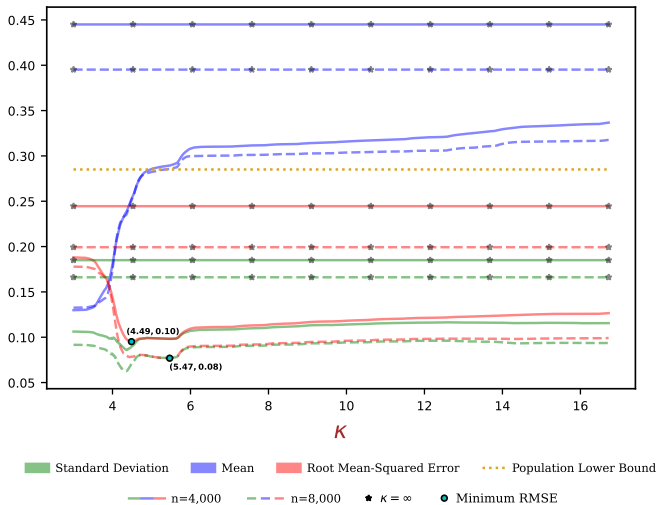
$\hat{T}_{lb}^S(\kappa)$ with 1-norm



Constraint: Soft

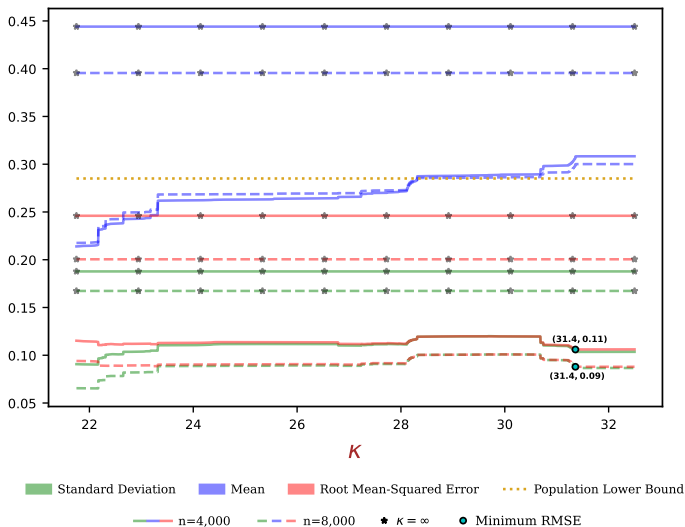
κ slight extention

$\hat{T}_{lb}^S(\kappa)$ with 1-norm



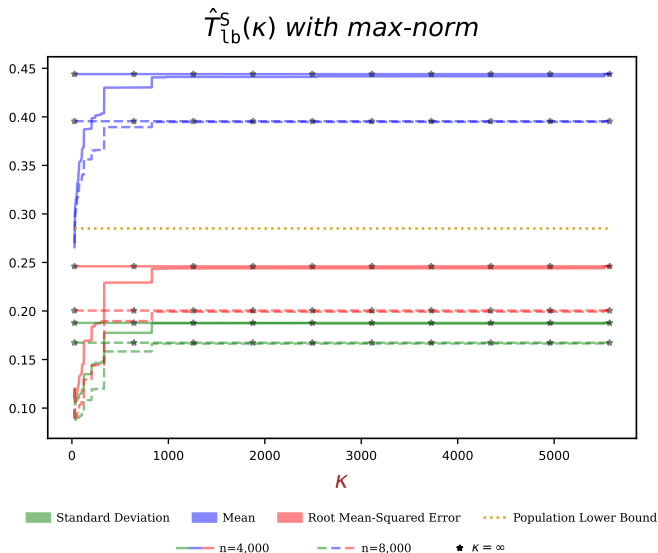
Constraint: Soft

$\hat{T}_{lb}^s(\kappa)$ with max-norm



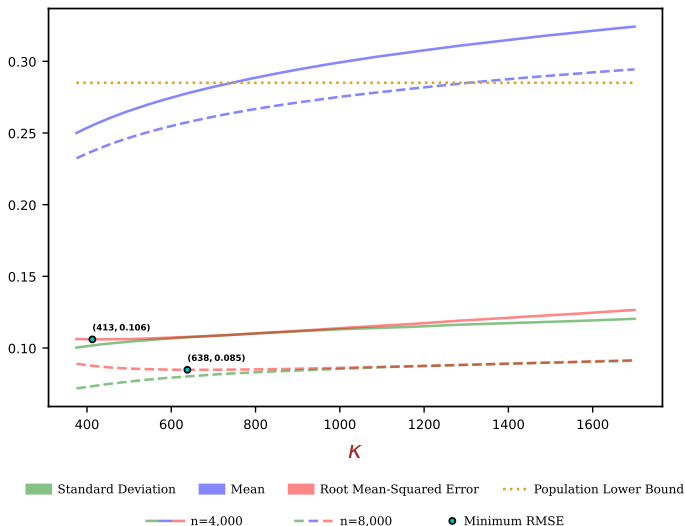
Constraint: Soft

κ extended



Constraint: Soft

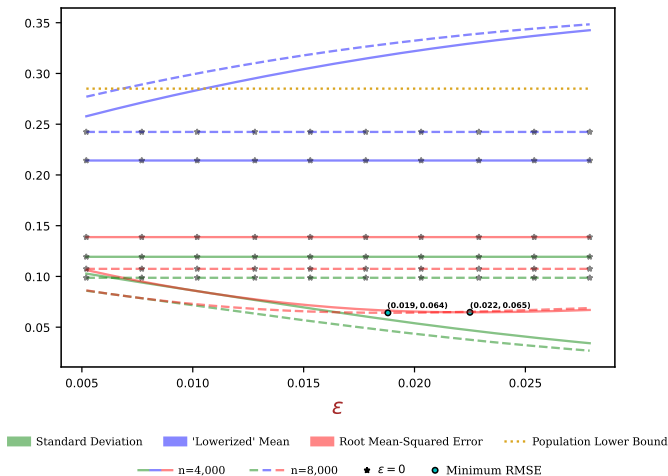
$\hat{T}_{lb}^S(\kappa)$ with Euclidean norm



Upper Bounds

Constraint: Hard

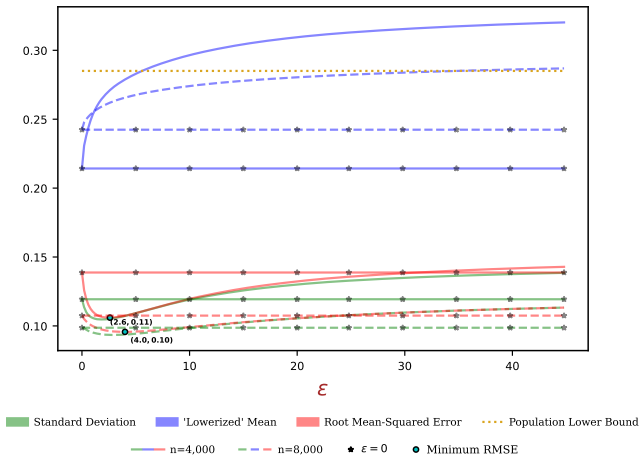
$\hat{T}_{ub}^H(\varepsilon)$ with 1-norm



Constraint: Hard

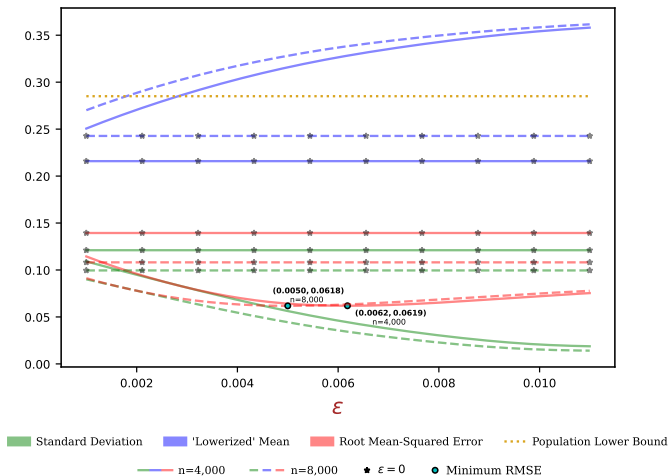
ϵ enters in multiplicatively

$\hat{T}_{ub}^H(\epsilon)$ with 1-norm



Constraint: Hard

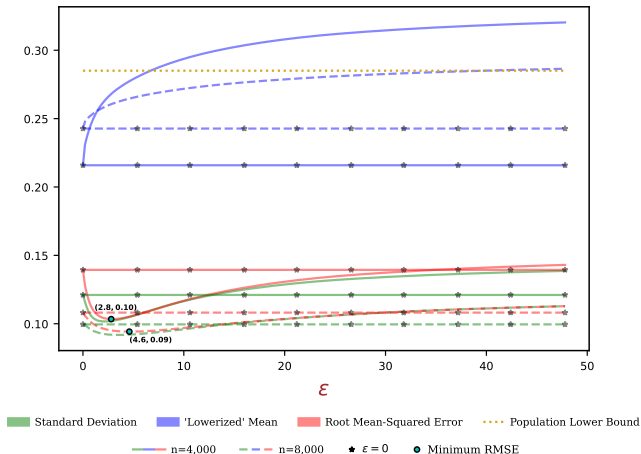
$\hat{T}_{ub}^H(\epsilon)$ with max-norm



Constraint: Hard

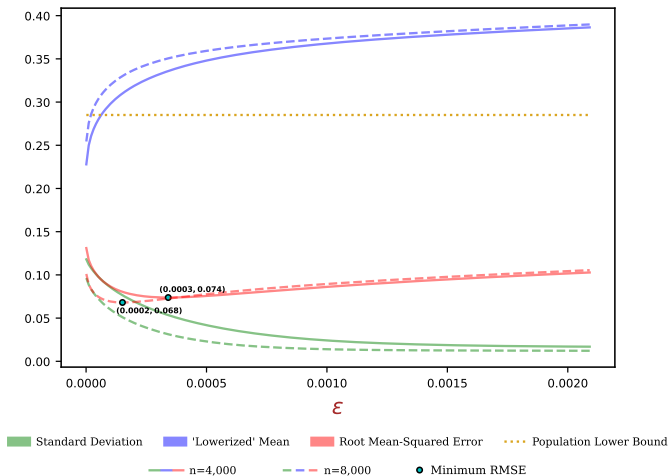
ϵ enters in multiplicatively

$\hat{T}_{ub}^H(\epsilon)$ with max-norm



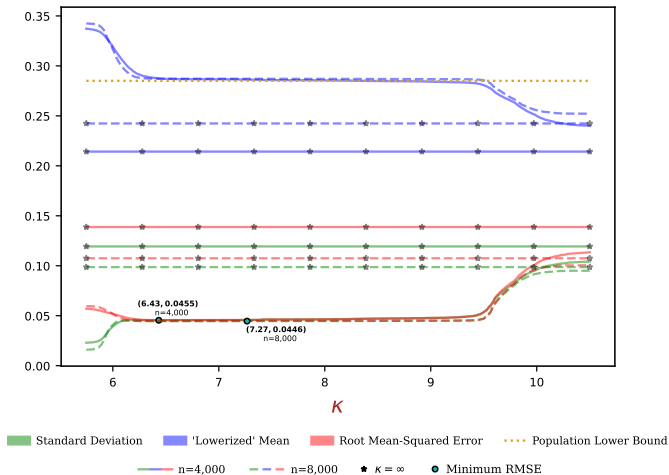
Constraint: Hard

$\hat{T}_{ub}^H(\epsilon)$ with Euclidean norm



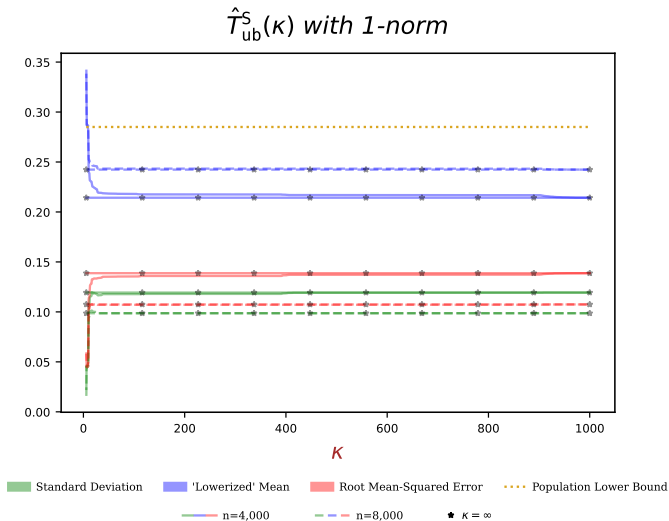
Constraint: Soft

$\hat{T}_{ub}^S(\kappa)$ with 1-norm

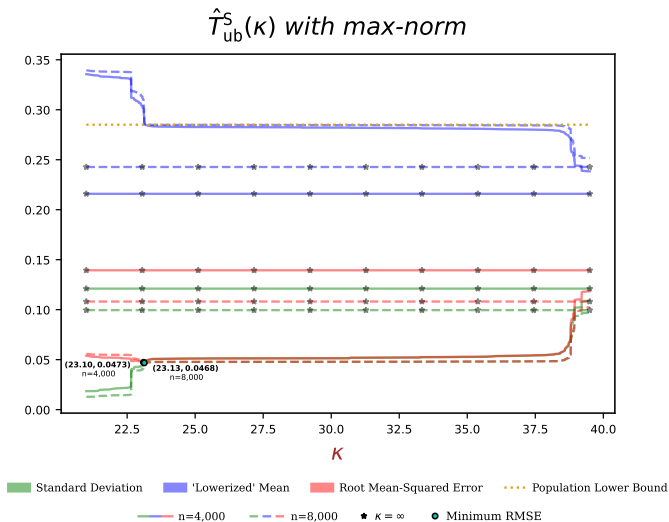


Constraint: Soft

κ extended



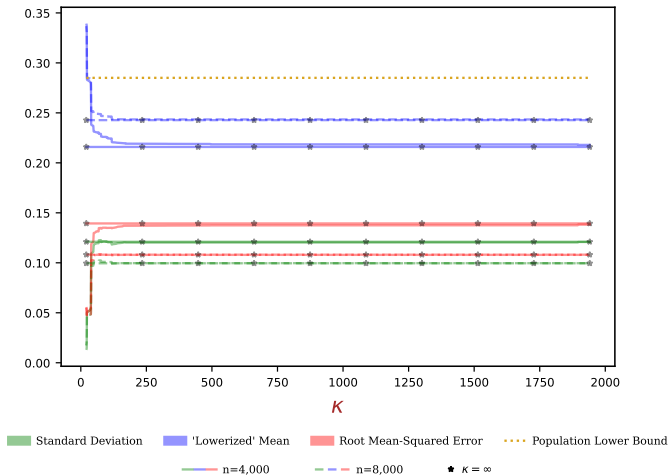
Constraint: Soft



Constraint: Soft

κ extended

$\hat{T}_{ub}^s(\kappa)$ with *max-norm*



Constraint: Soft

$\hat{T}_{ub}^S(\kappa)$ with Euclidean norm

