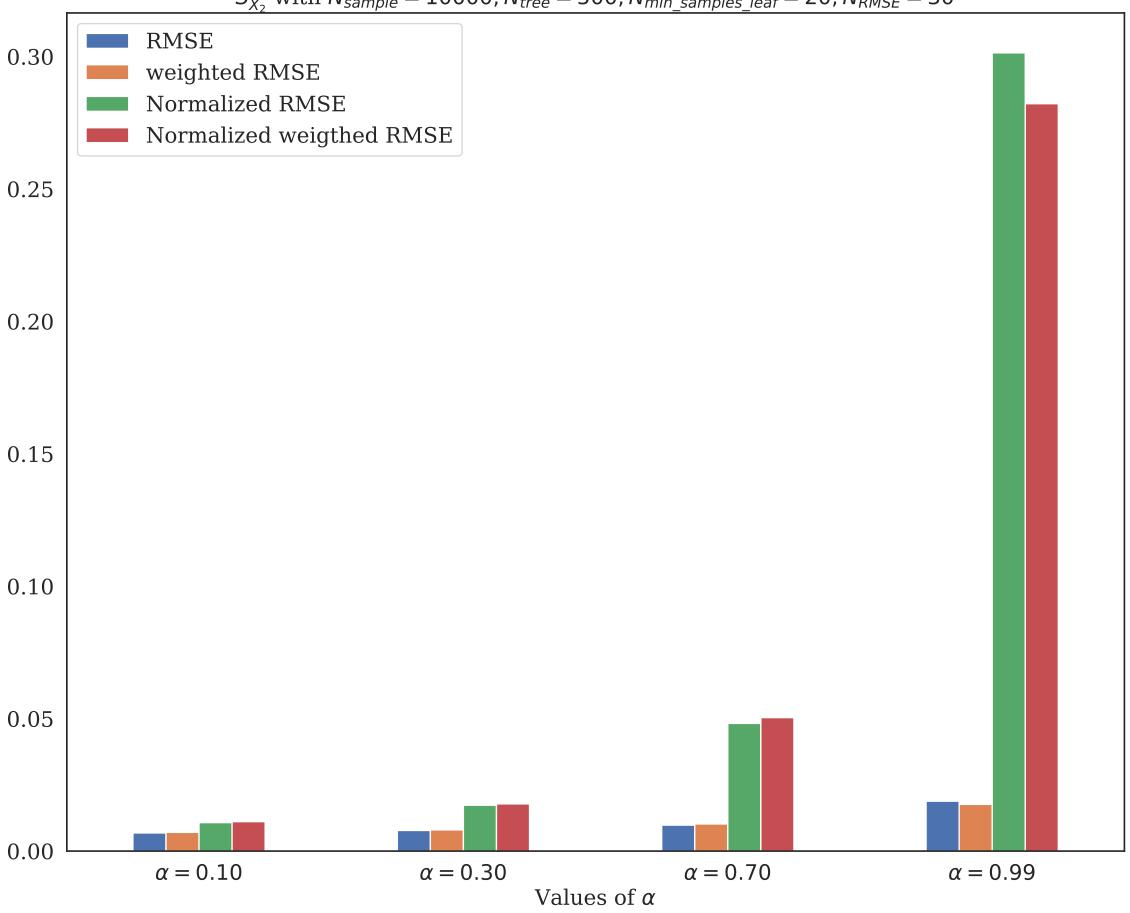
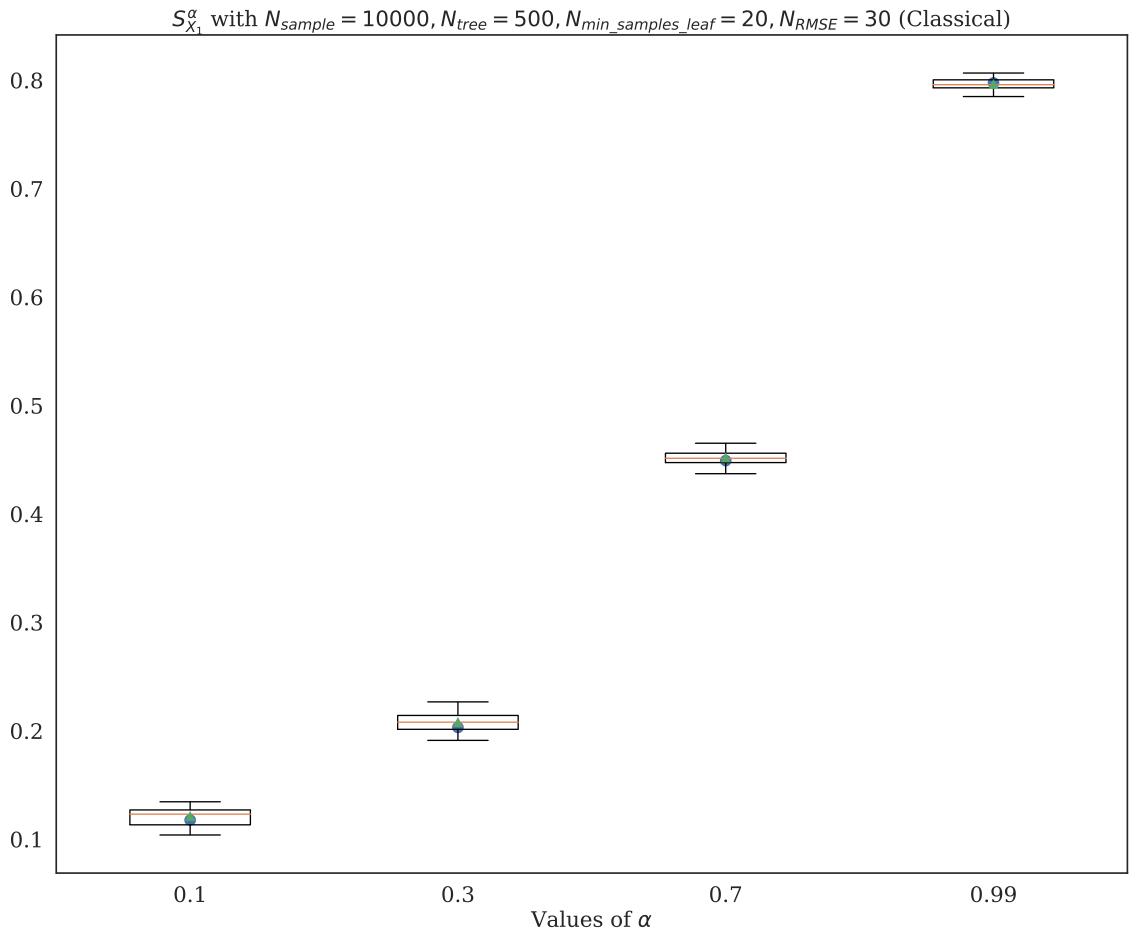
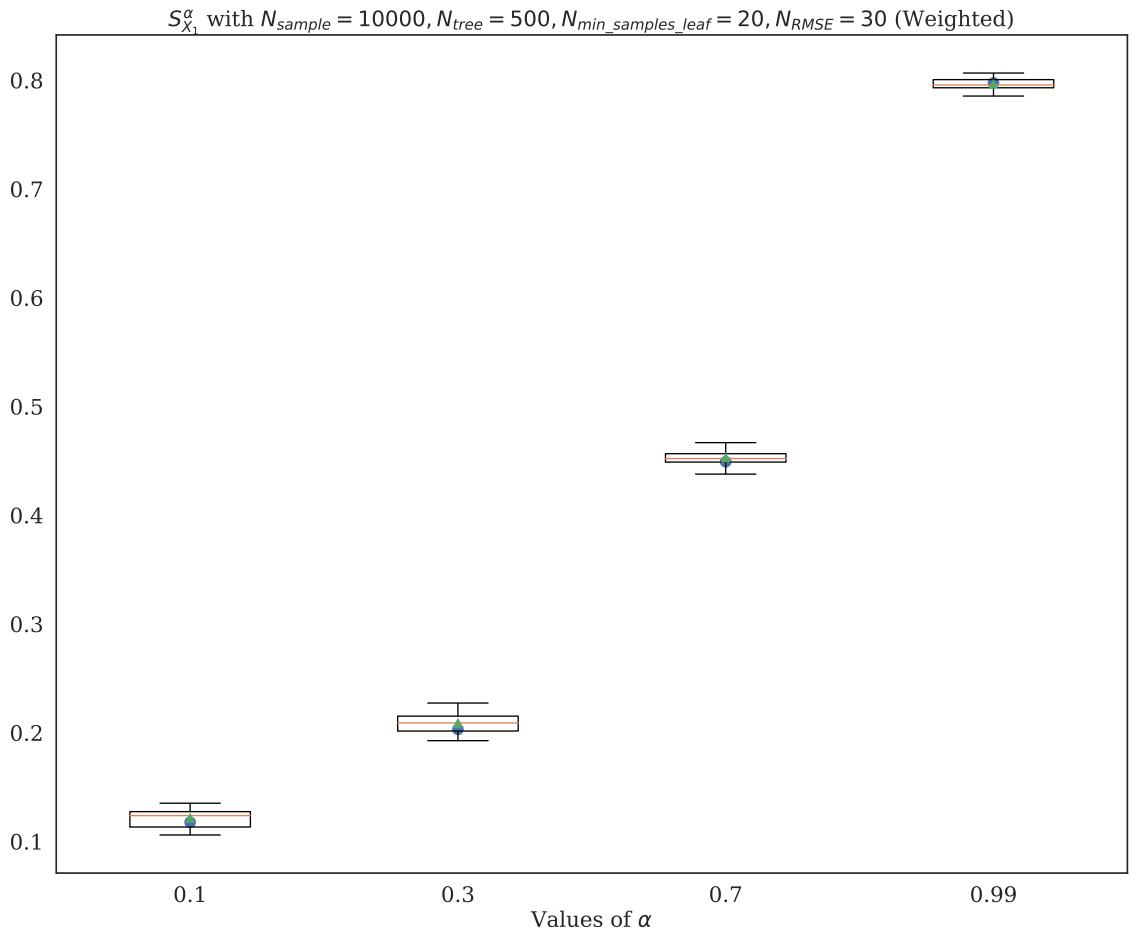
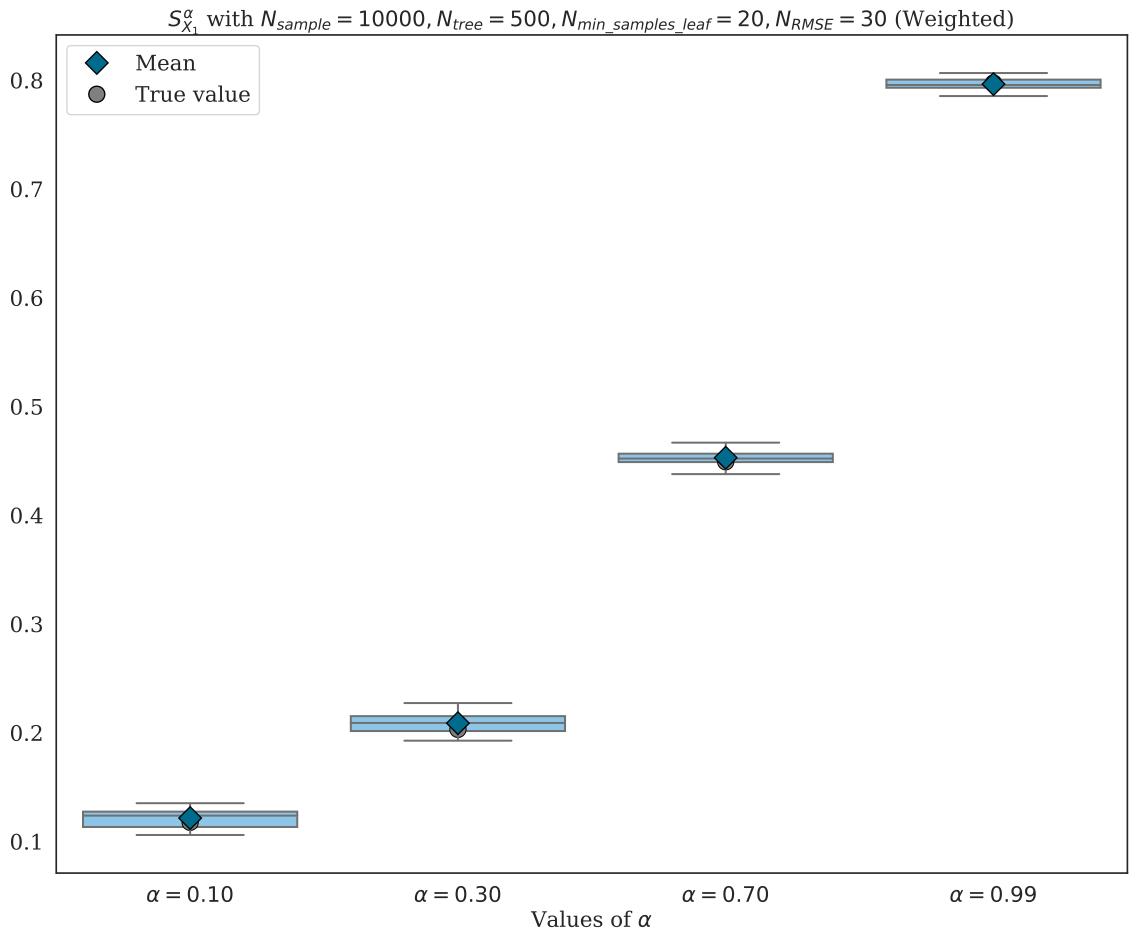


 $S_{X_1}^{\alpha}$  with  $N_{sample} = 10000$ ,  $N_{tree} = 500$ ,  $N_{min\_samples\_leaf} = 20$ ,  $N_{RMSE} = 30$ **RMSE** 80.0 weighted RMSE Normalized RMSE Normalized weighhed RMSE 0.07 0.06 0.05 0.04 0.03 0.02 0.01 0.00  $\alpha = 0.10$  $\alpha = 0.30$  $\alpha = 0.70$  $\alpha = 0.99$ 









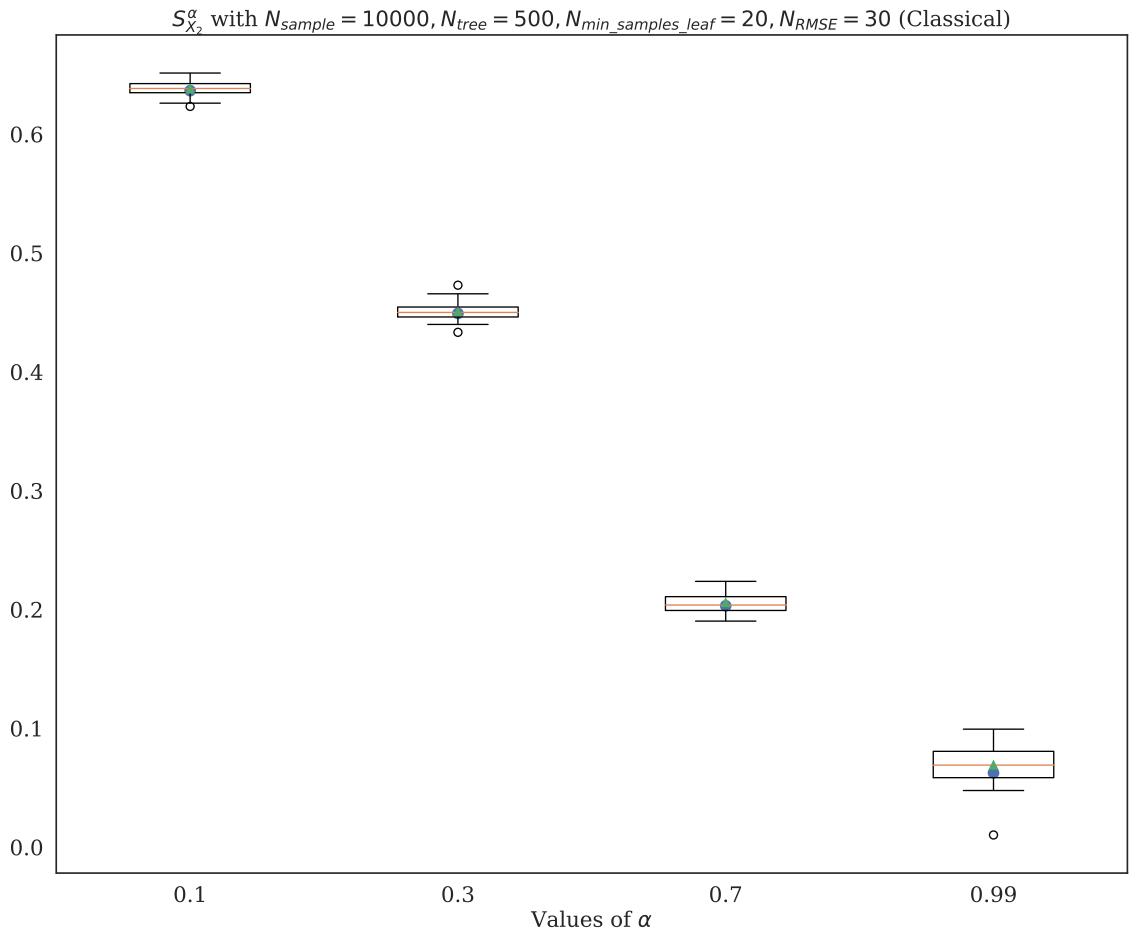
 $S_{X_1}^{\alpha}$  with  $N_{sample} = 10000$ ,  $N_{tree} = 500$ ,  $N_{min\_samples\_leaf} = 20$ ,  $N_{RMSE} = 30$  (Classical) True value 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1

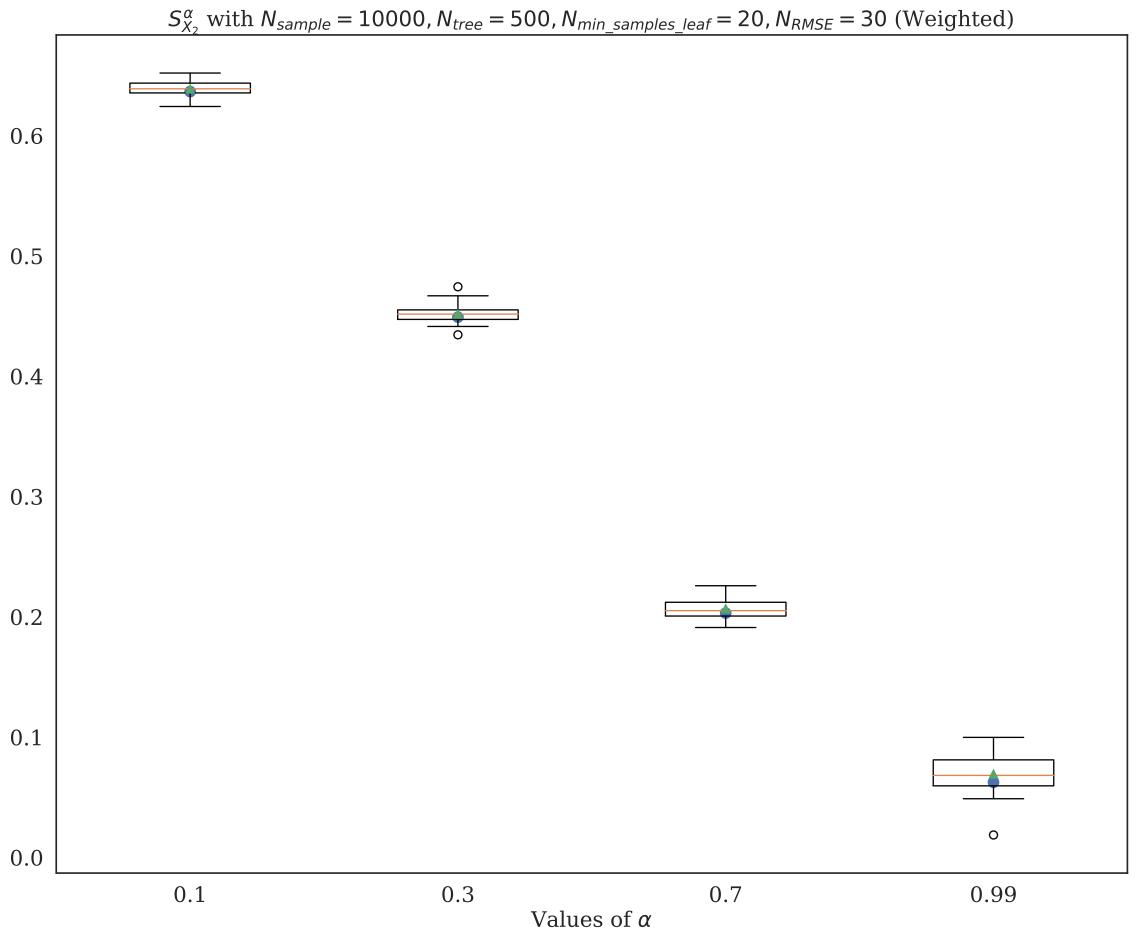
 $\alpha = 0.30$ 

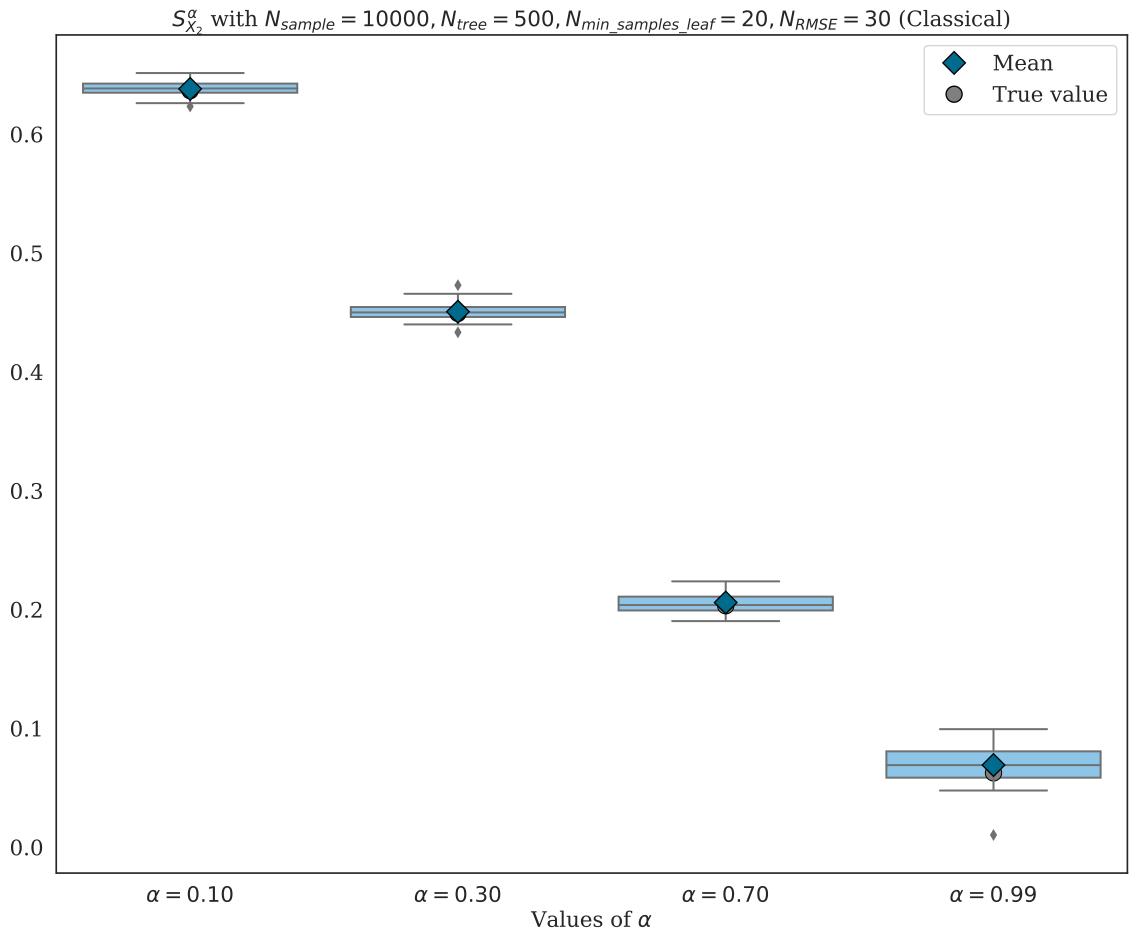
 $\alpha = 0.10$ 

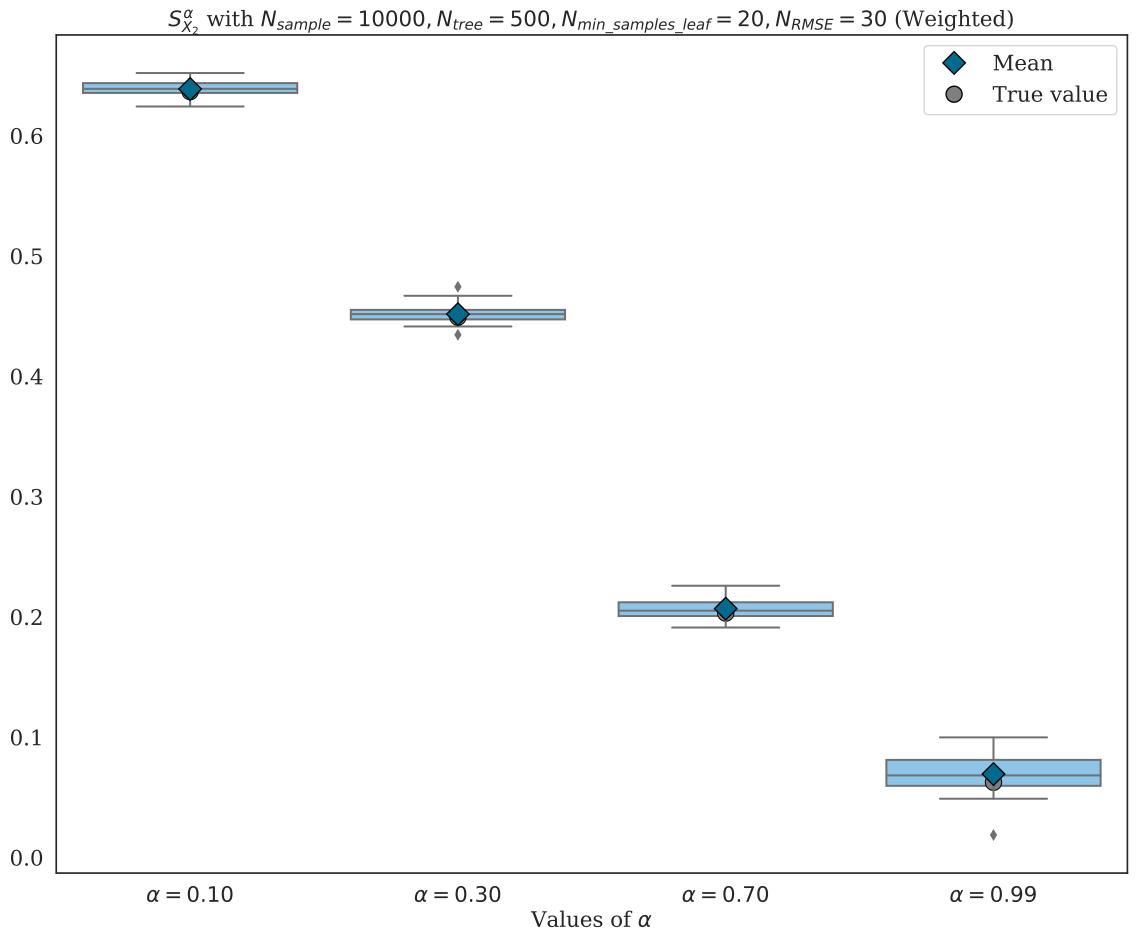
 $\alpha = 0.70$   $\alpha = 0.99$  Values of  $\alpha$ 

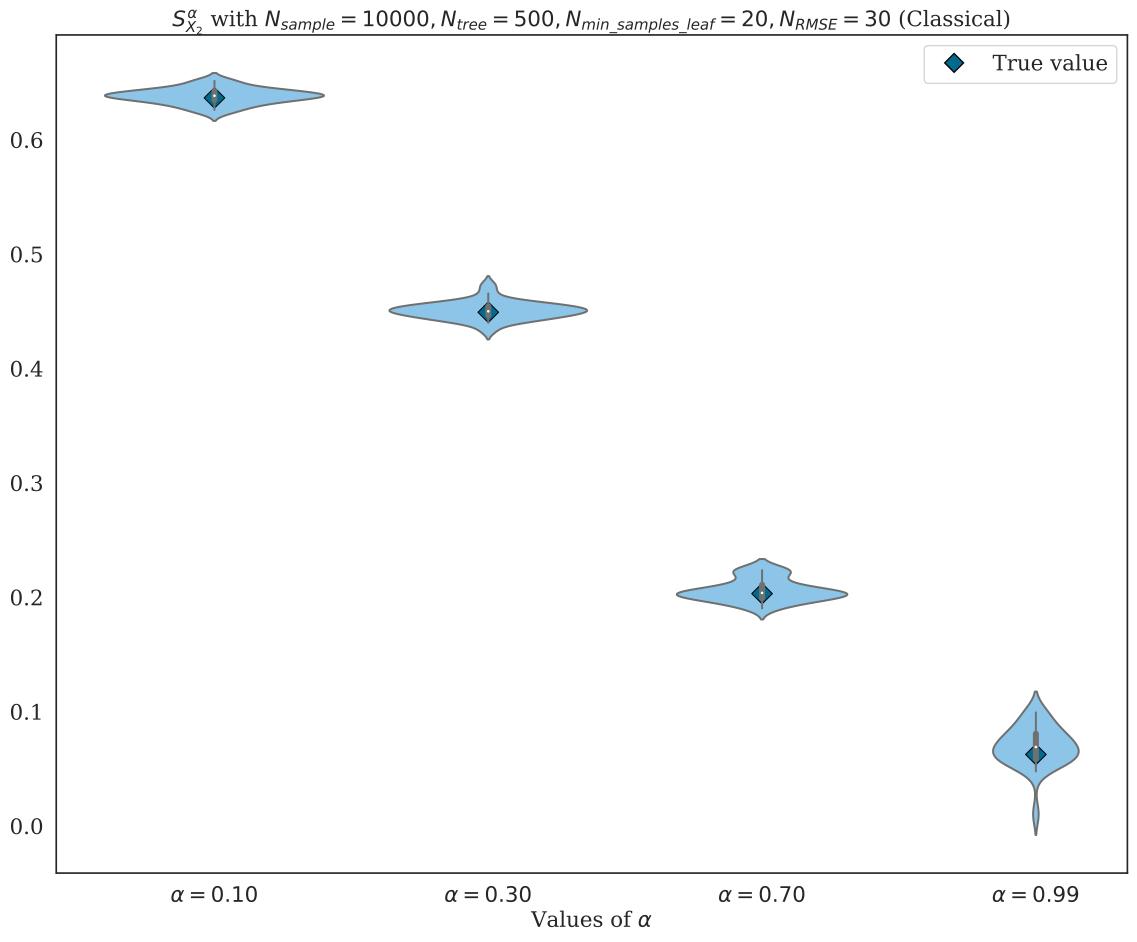
 $S_{X_1}^{\alpha}$  with  $N_{sample}=10000$ ,  $N_{tree}=500$ ,  $N_{min\_samples\_leaf}=20$ ,  $N_{RMSE}=30$  (Weighted) True value 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1  $\alpha = 0.10$  $\alpha = 0.70$  $\alpha = 0.99$  $\alpha = 0.30$ 

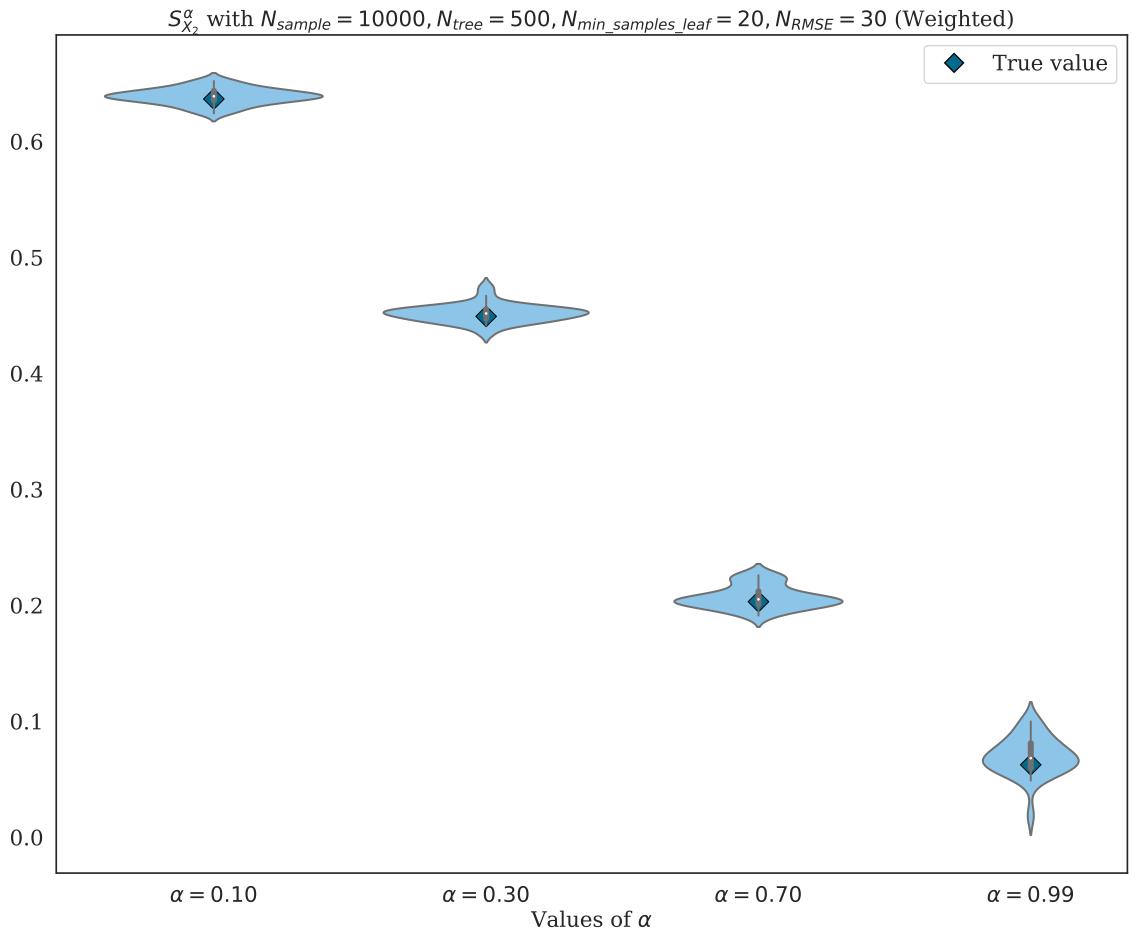


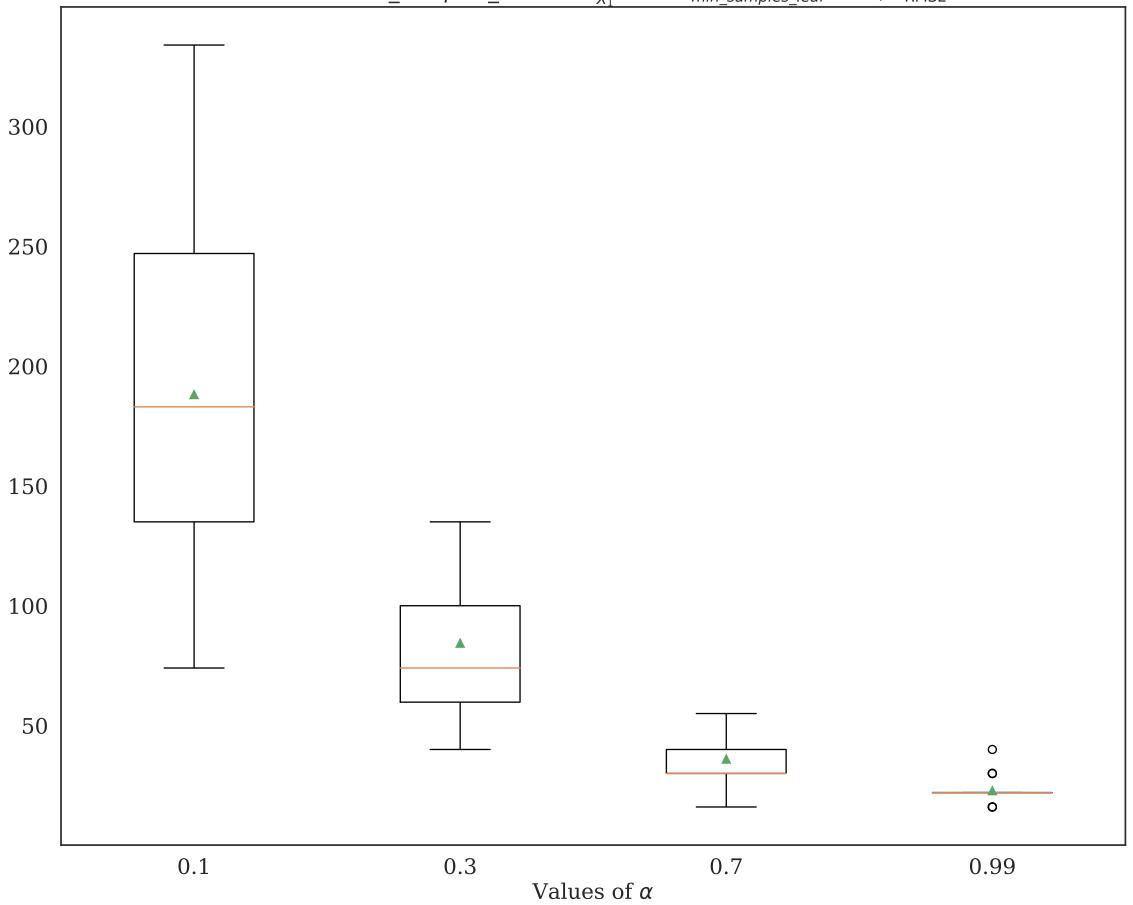












 $\alpha = 0.10$ 

