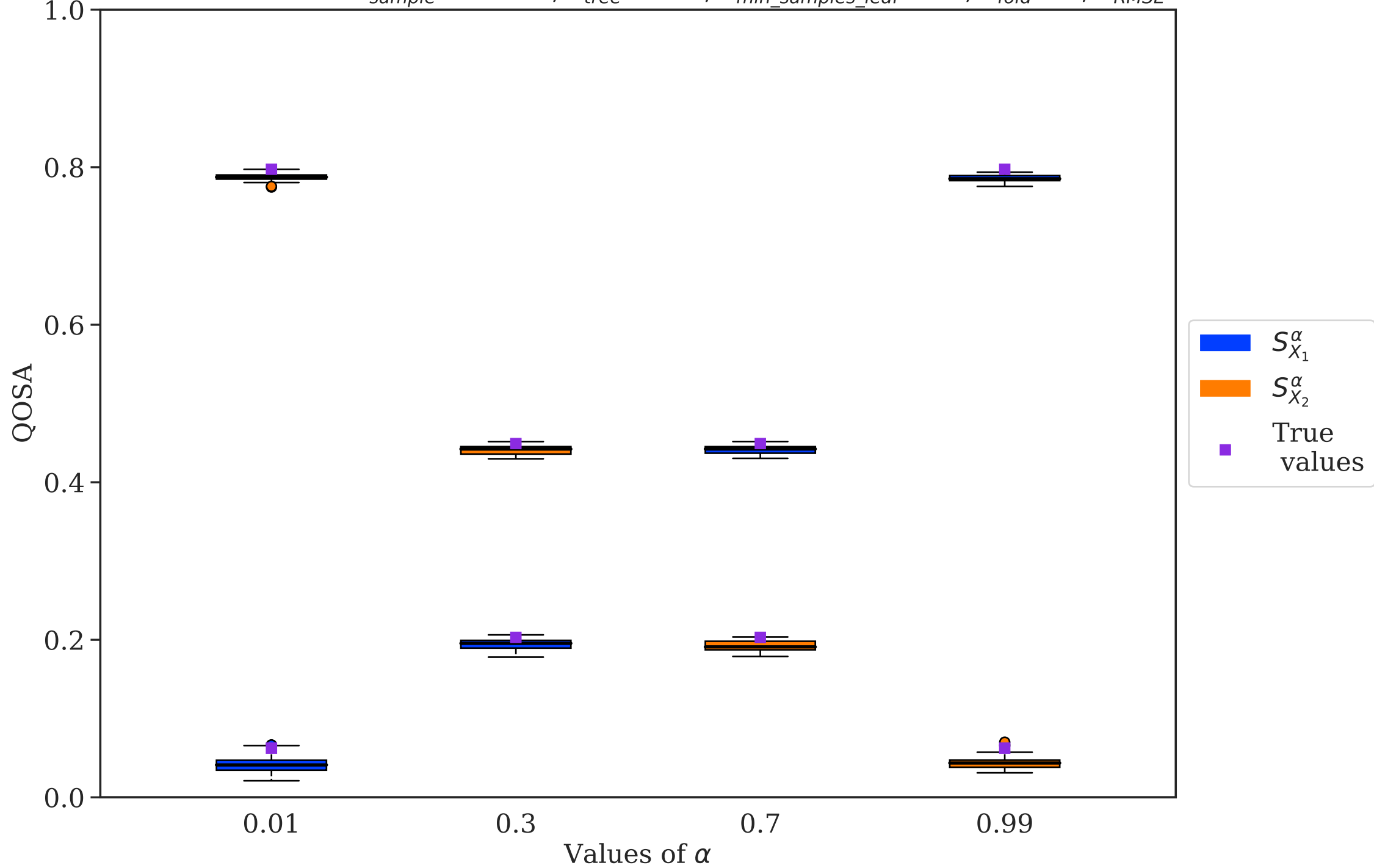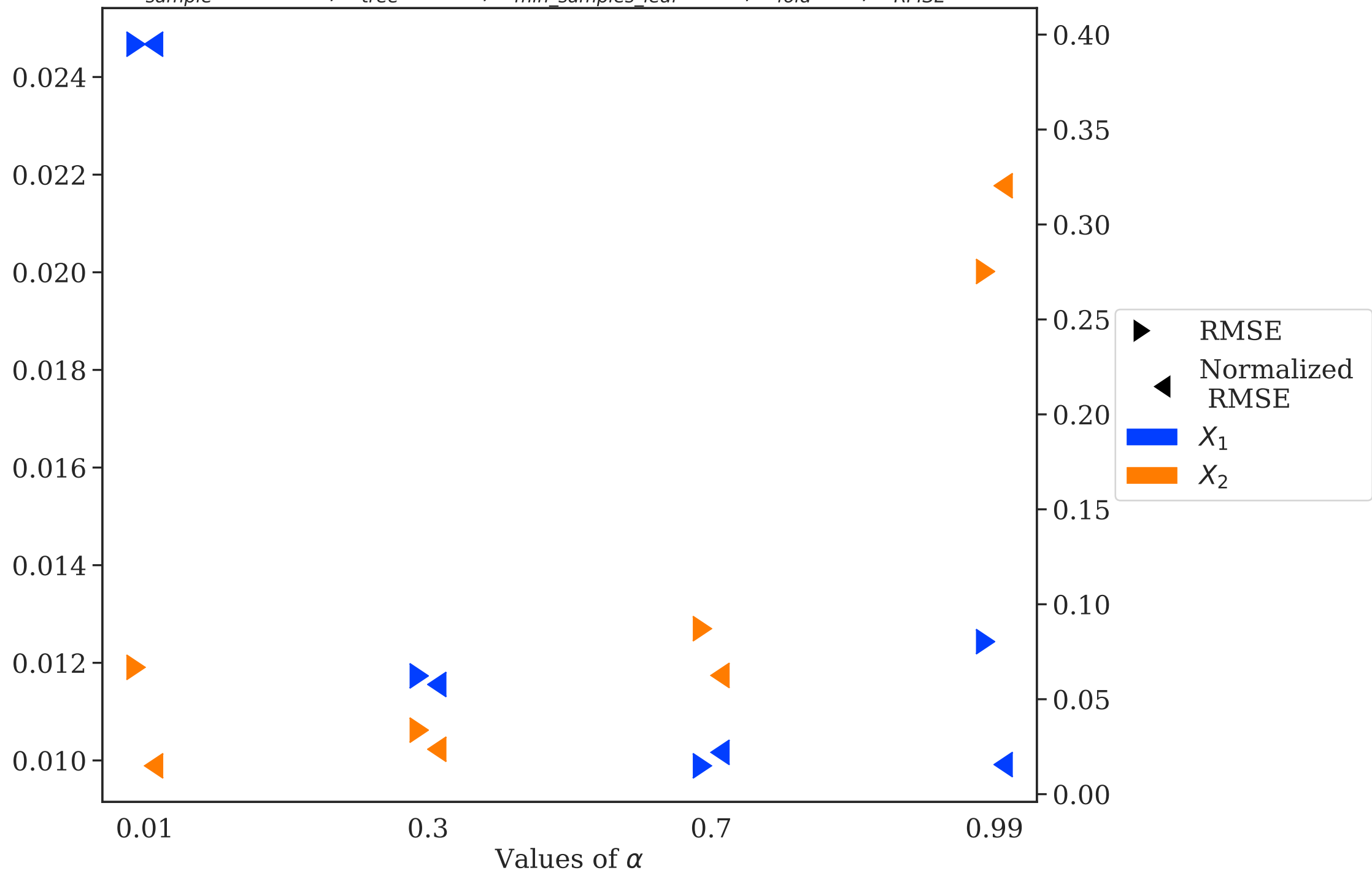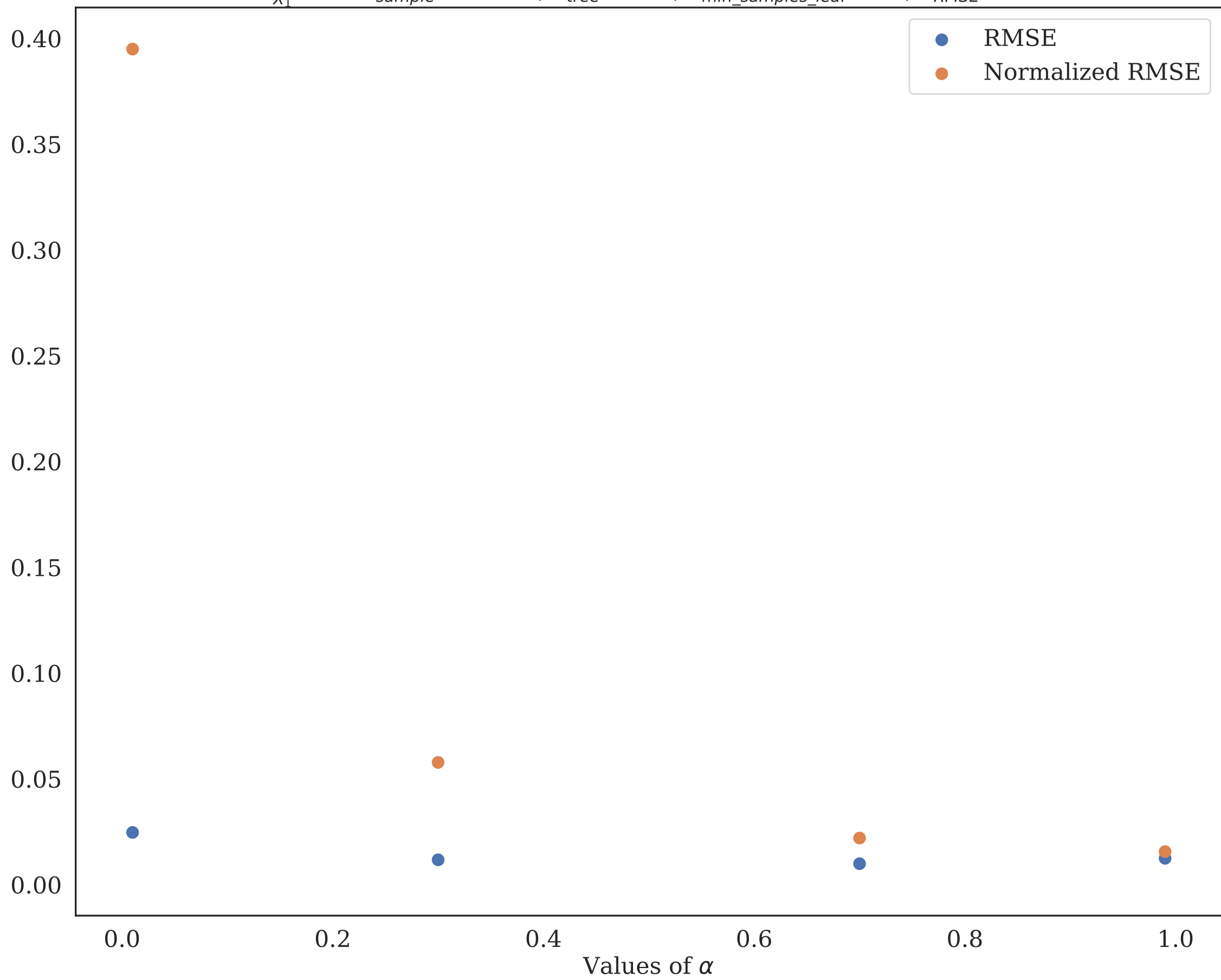Distribution of S^α with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{fold} = 3, N_{RMSE} = 20$

$N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{fold} = 3, N_{RMSE} = 20$

RMSE

Normalized RMSE

X_1

X_2

Values of α

Figure: $S_{X_1}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

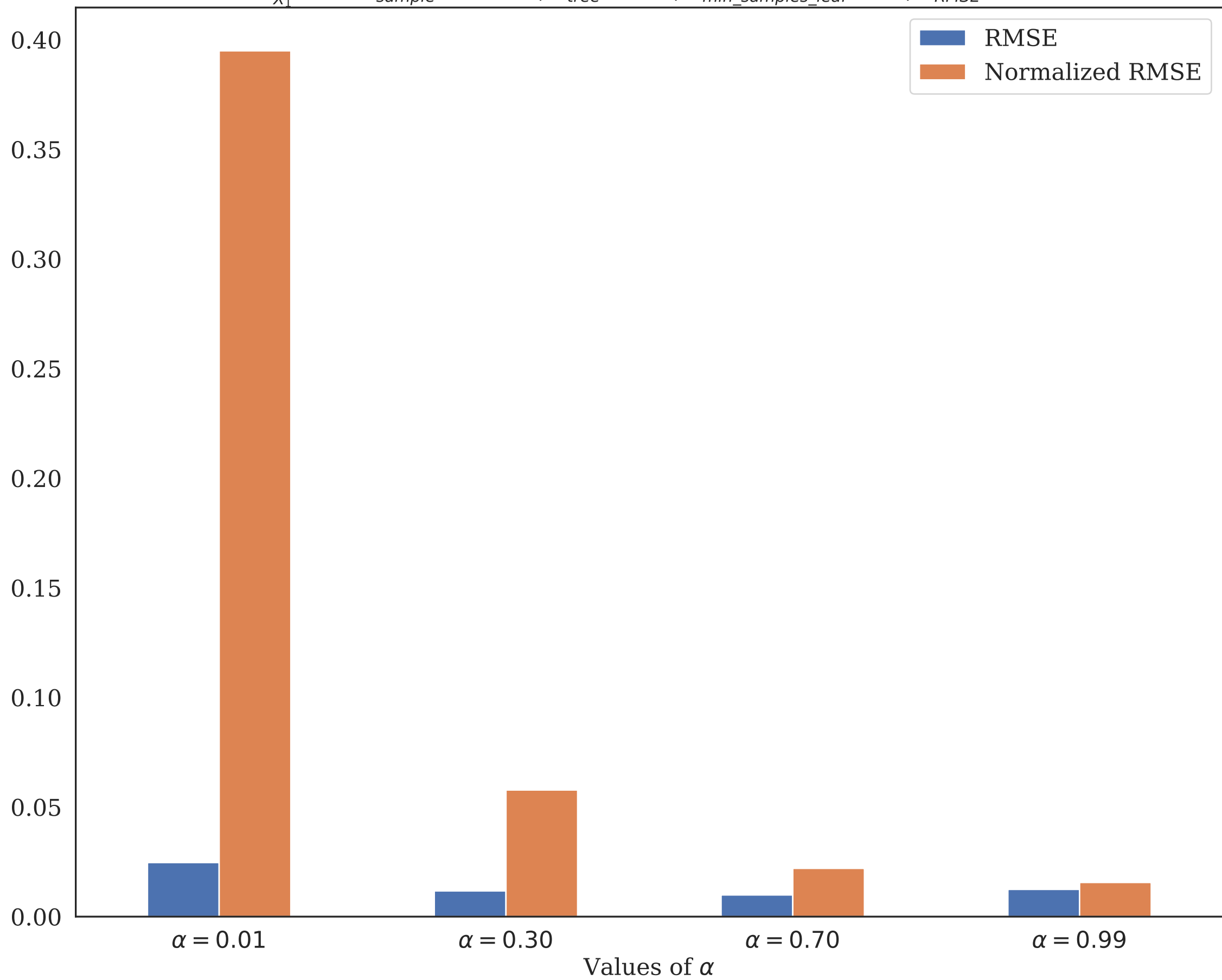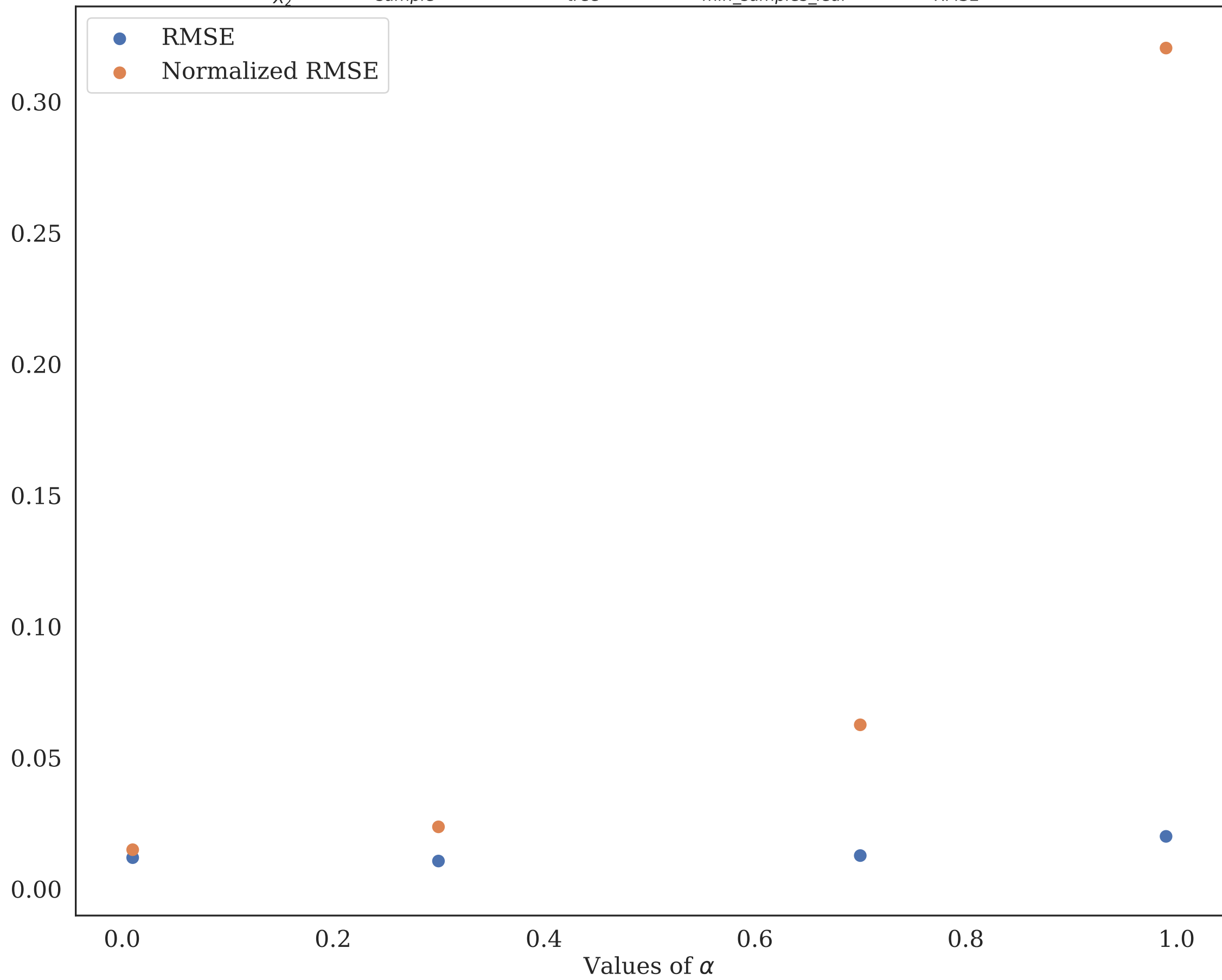$S^{\alpha}_{X_1}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

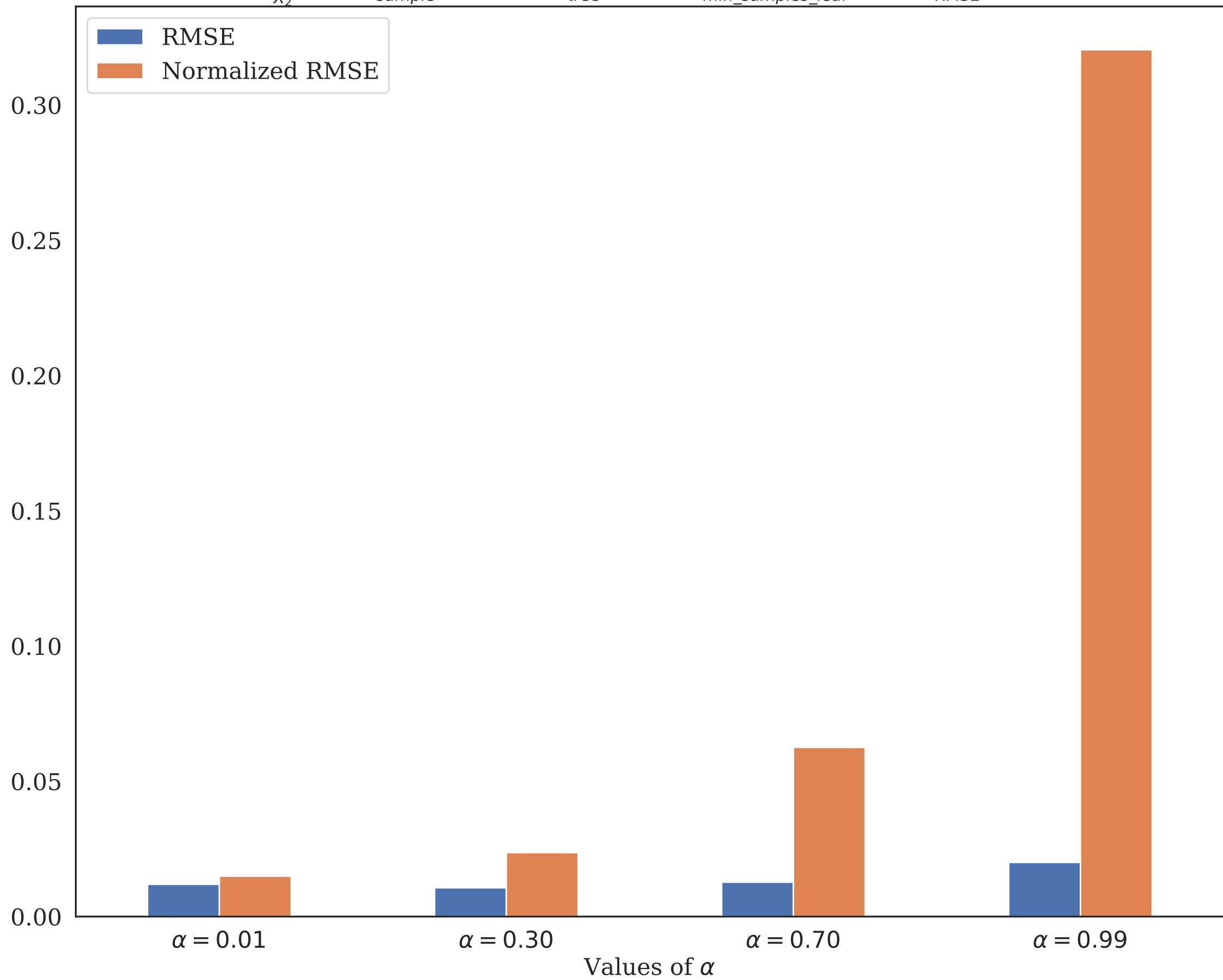$S_{X_2}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

$S^{\alpha}_{X_2}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

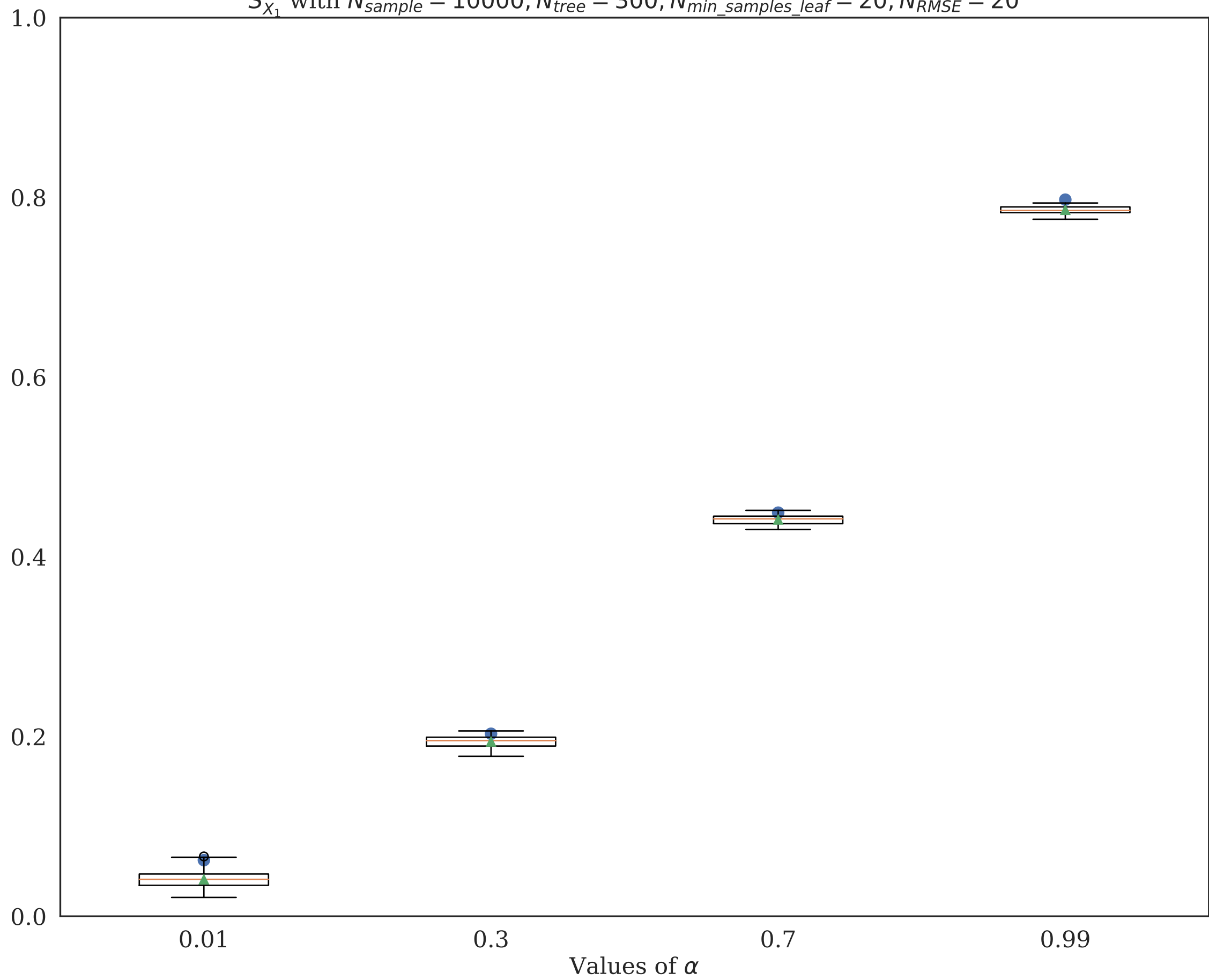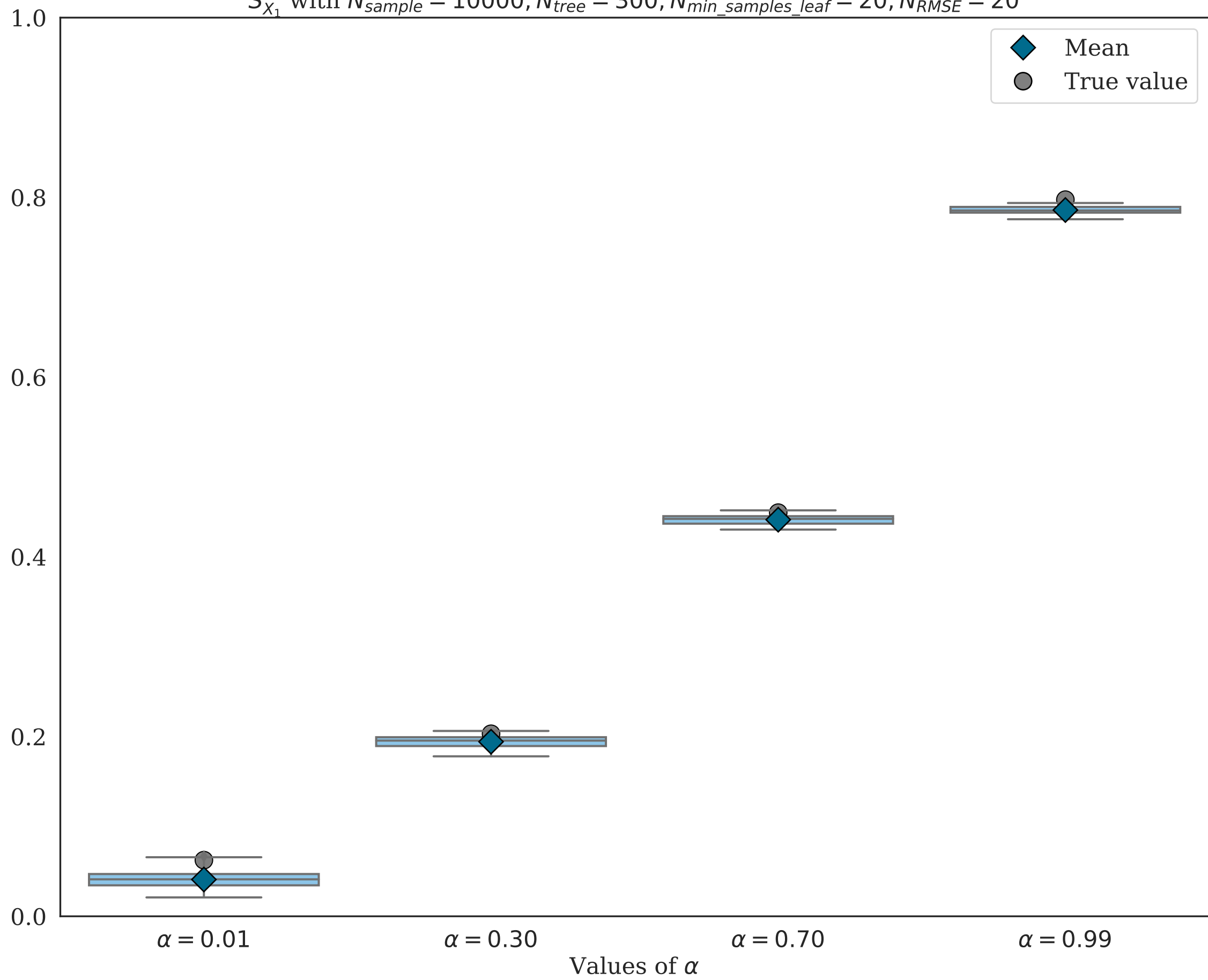$S_{X_1}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

Values of α

$S^\alpha_{X_1}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

$S_{X_1}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$
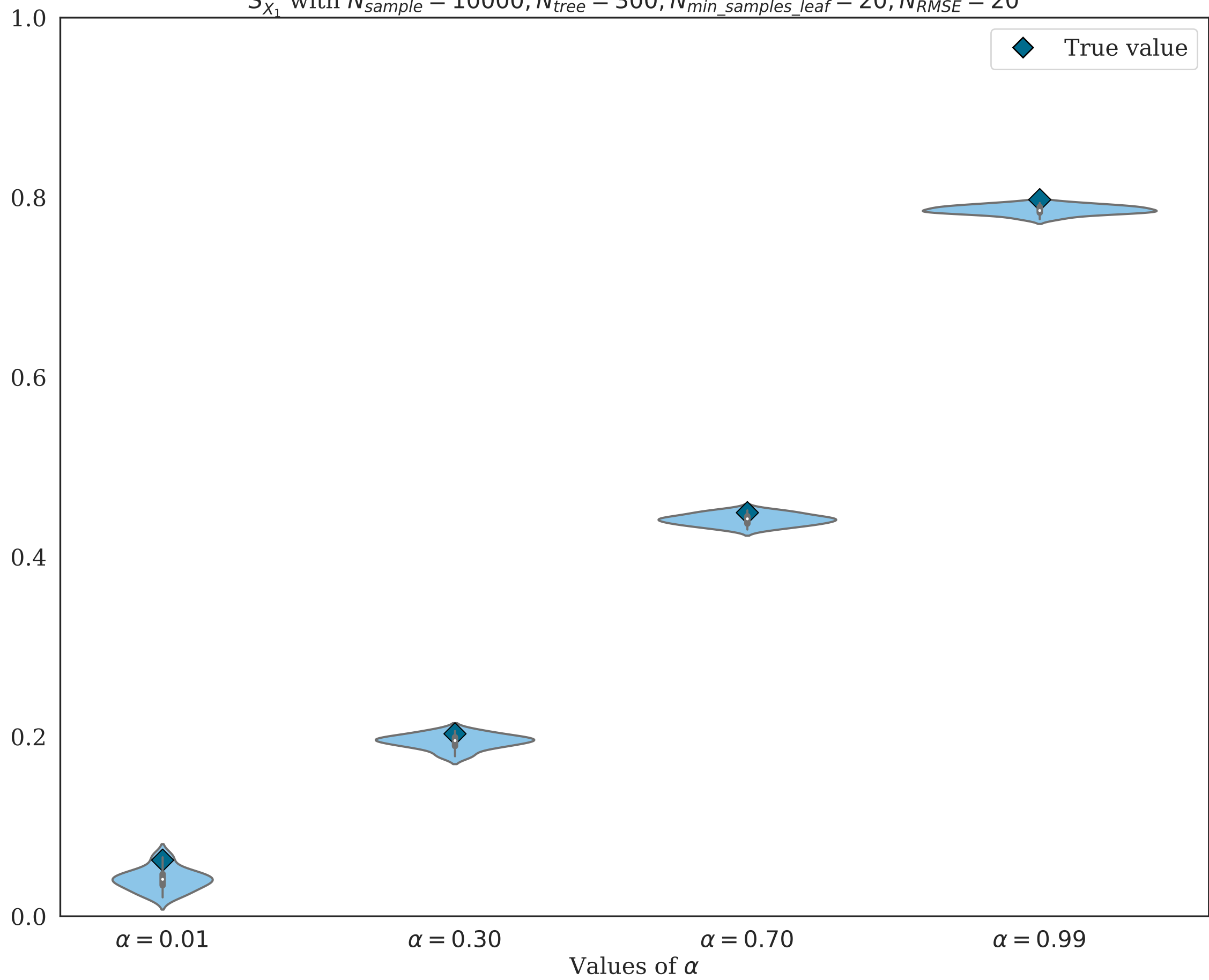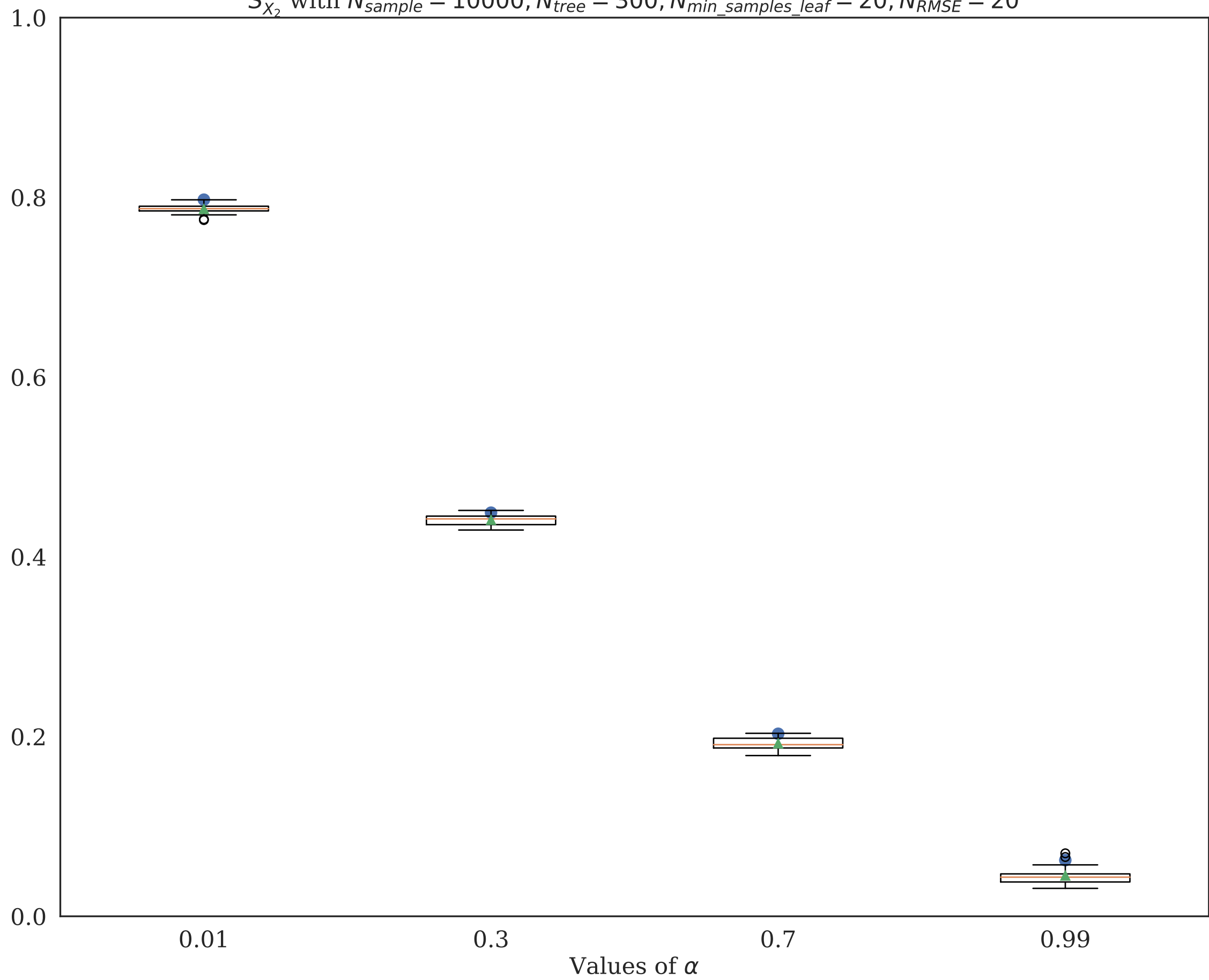
$S_{X_2}^{\alpha}$ with $N_{sample} = 10000$, $N_{tree} = 300$, $N_{min\_samples\_leaf} = 20$, $N_{RMSE} = 20$

$S_{X_2}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

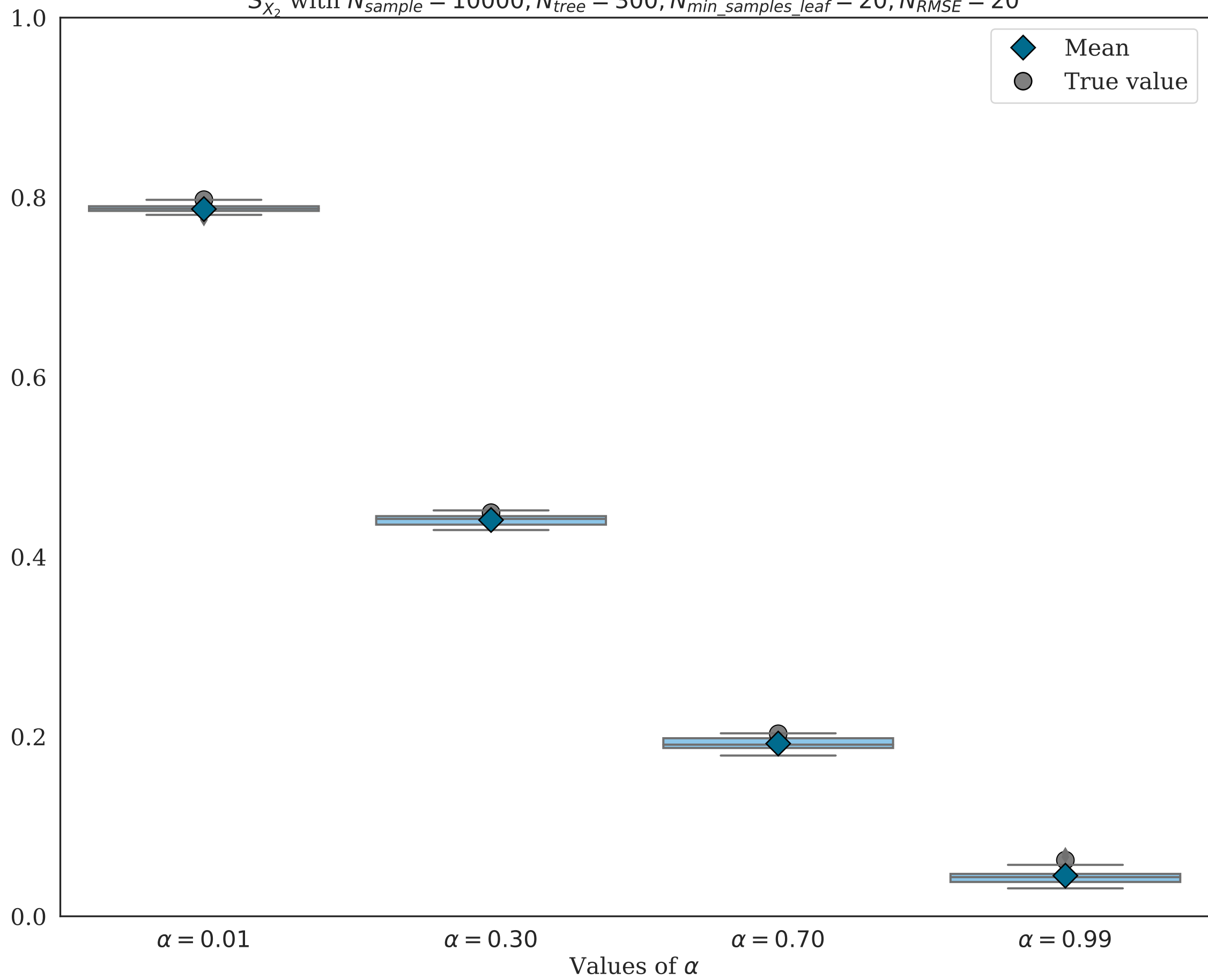$S_{X_2}^{\alpha}$ with $N_{sample} = 10000, N_{tree} = 300, N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$
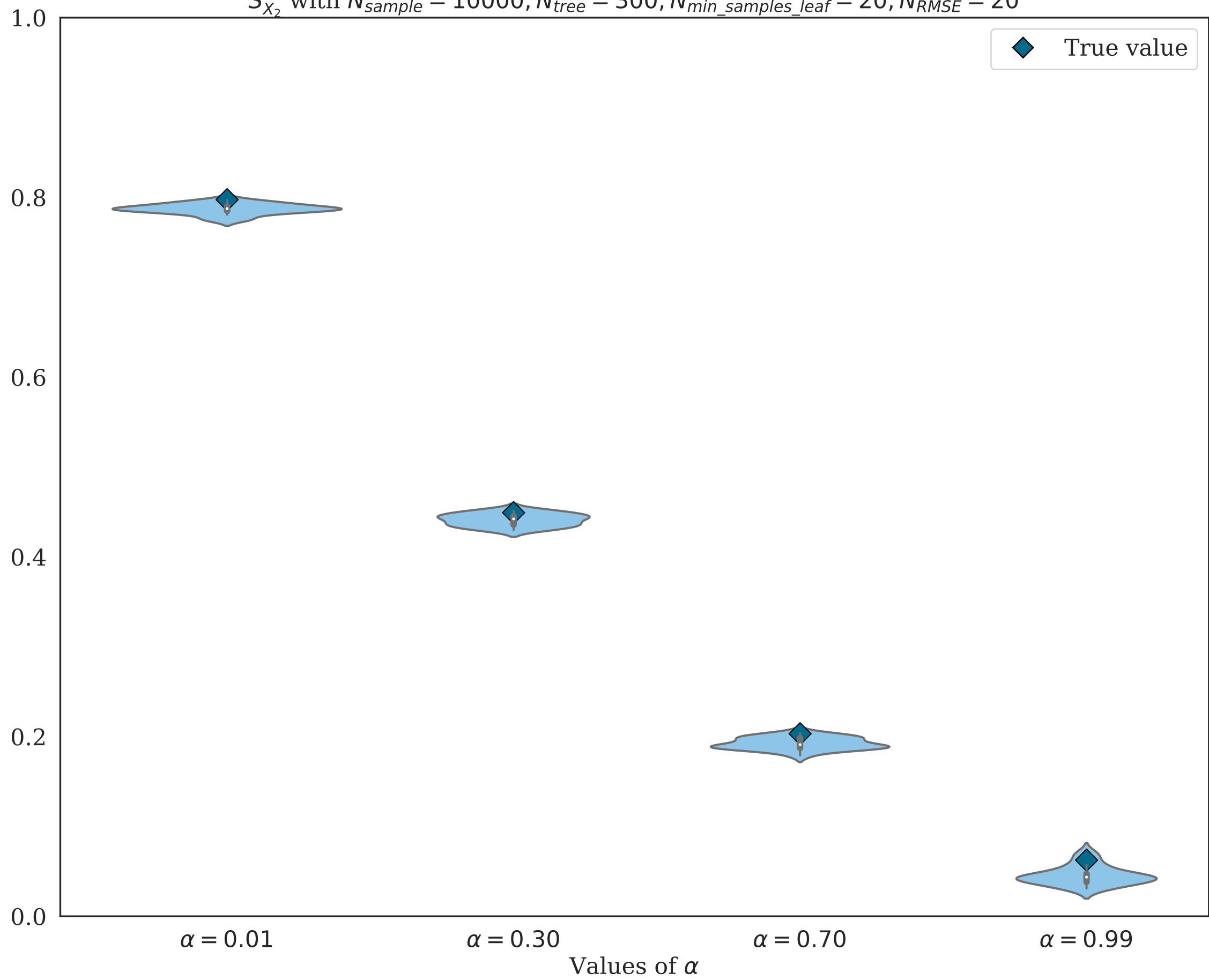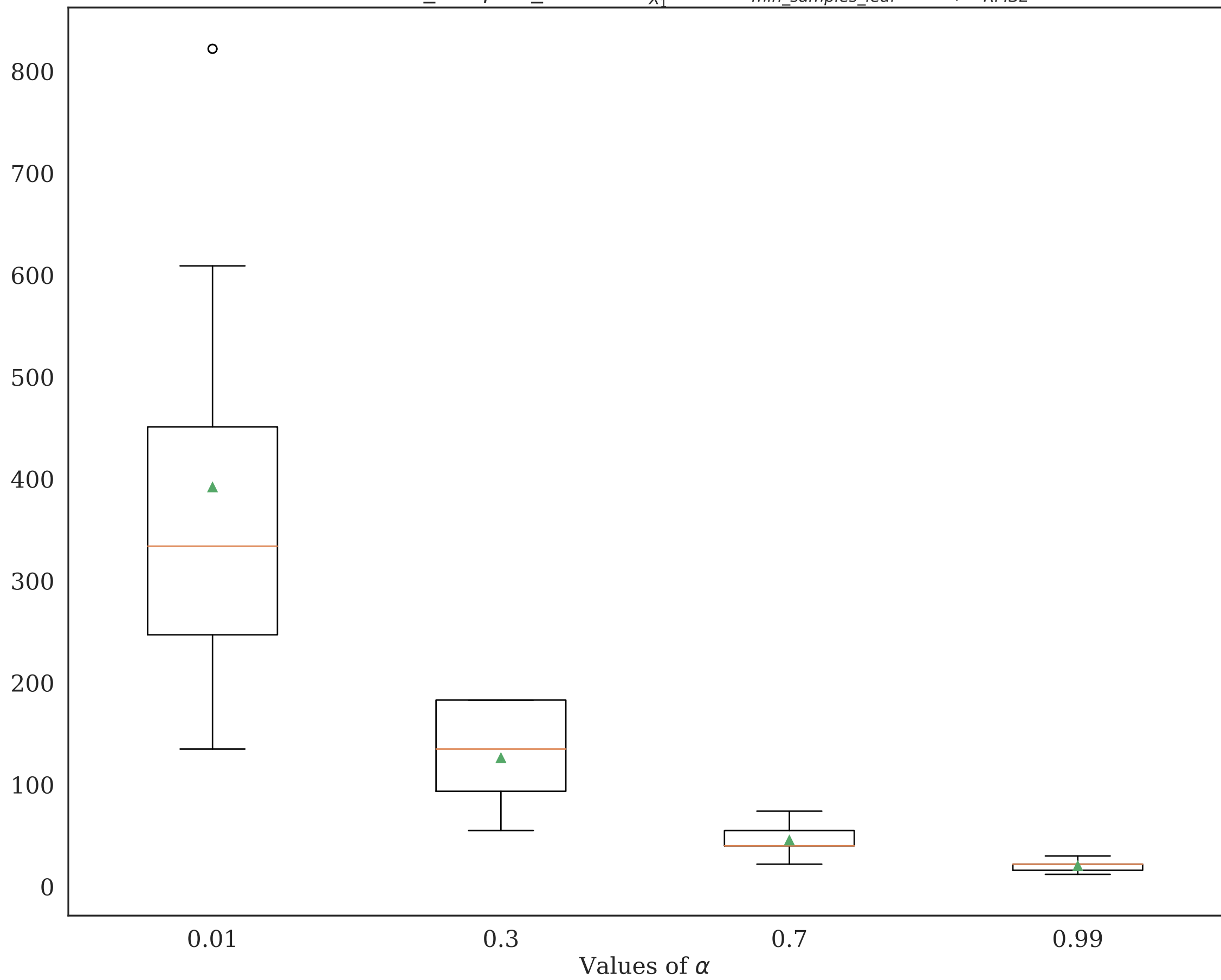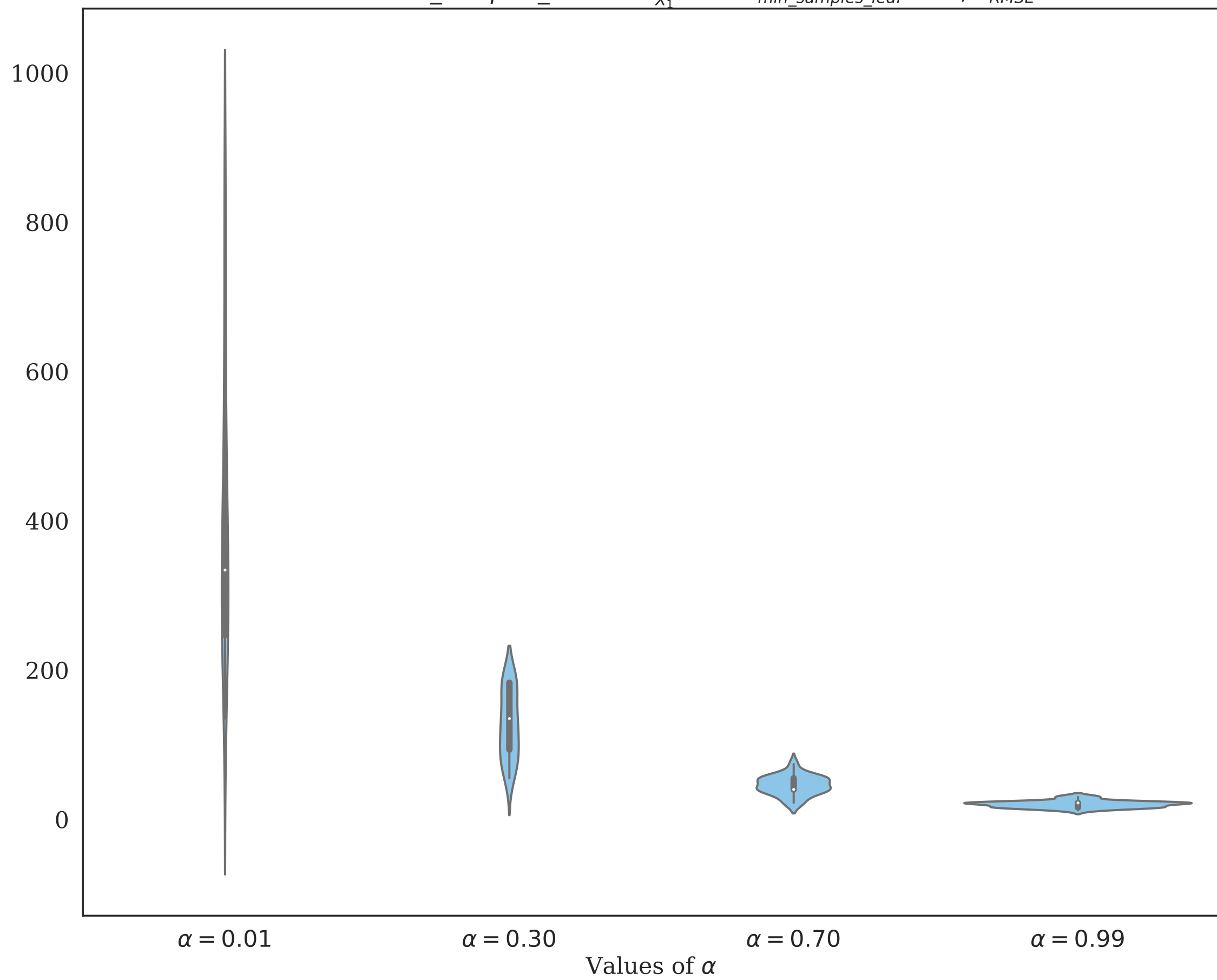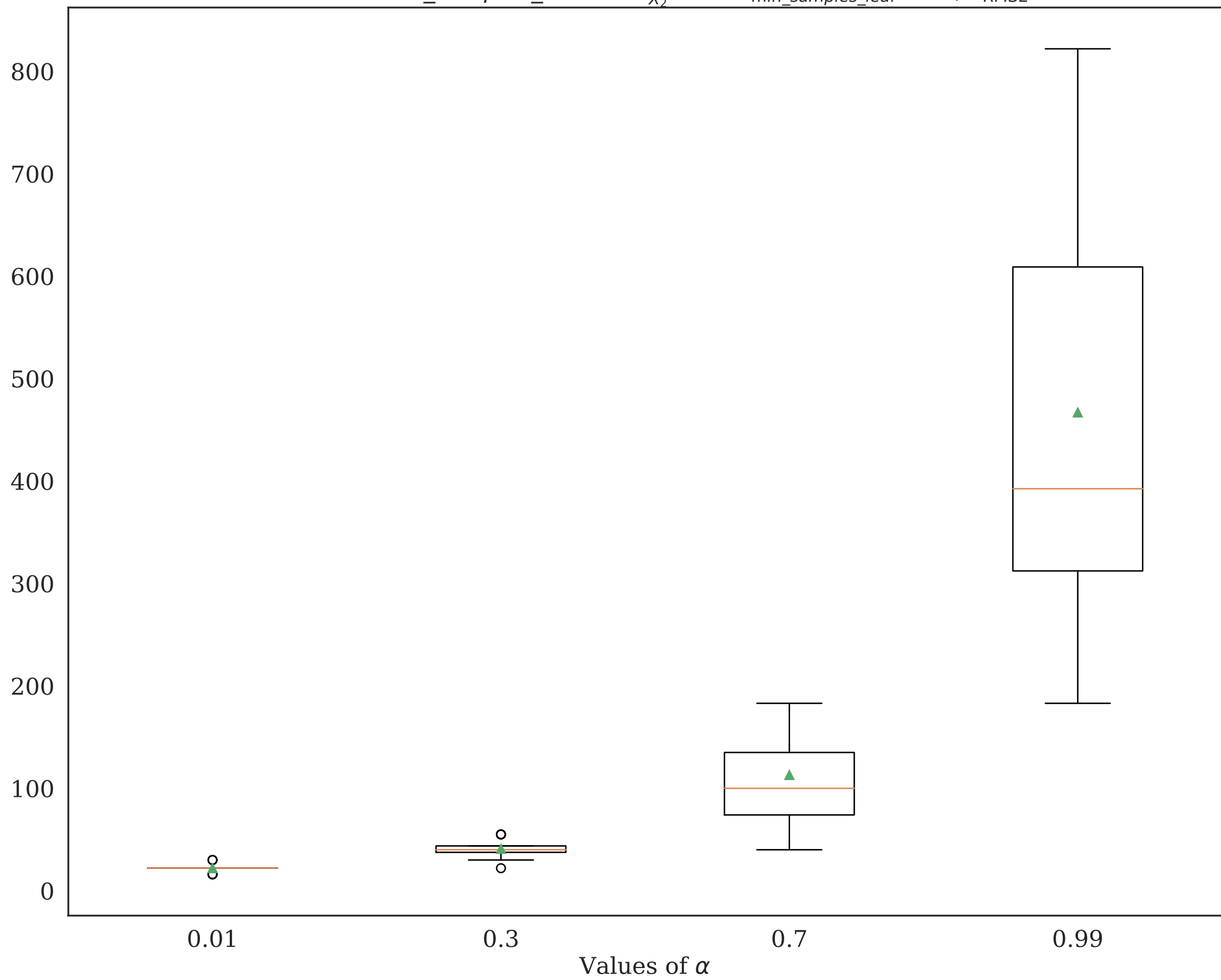
Distribution of $min\_samples\_leaf$ for $S_{X_1}^{\alpha}$ with $N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

Distribution of *min_samples_leaf* for $S_{X_1}^{\alpha}$ with $N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

Distribution of *min_samples_leaf* for $S_{X_2}^{\alpha}$ with $N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$

Distribution of *min_samples_leaf* for $S_{X_2}^{\alpha}$ with $N_{min\_samples\_leaf} = 20, N_{RMSE} = 20$