$S_{X_1}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_2}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$
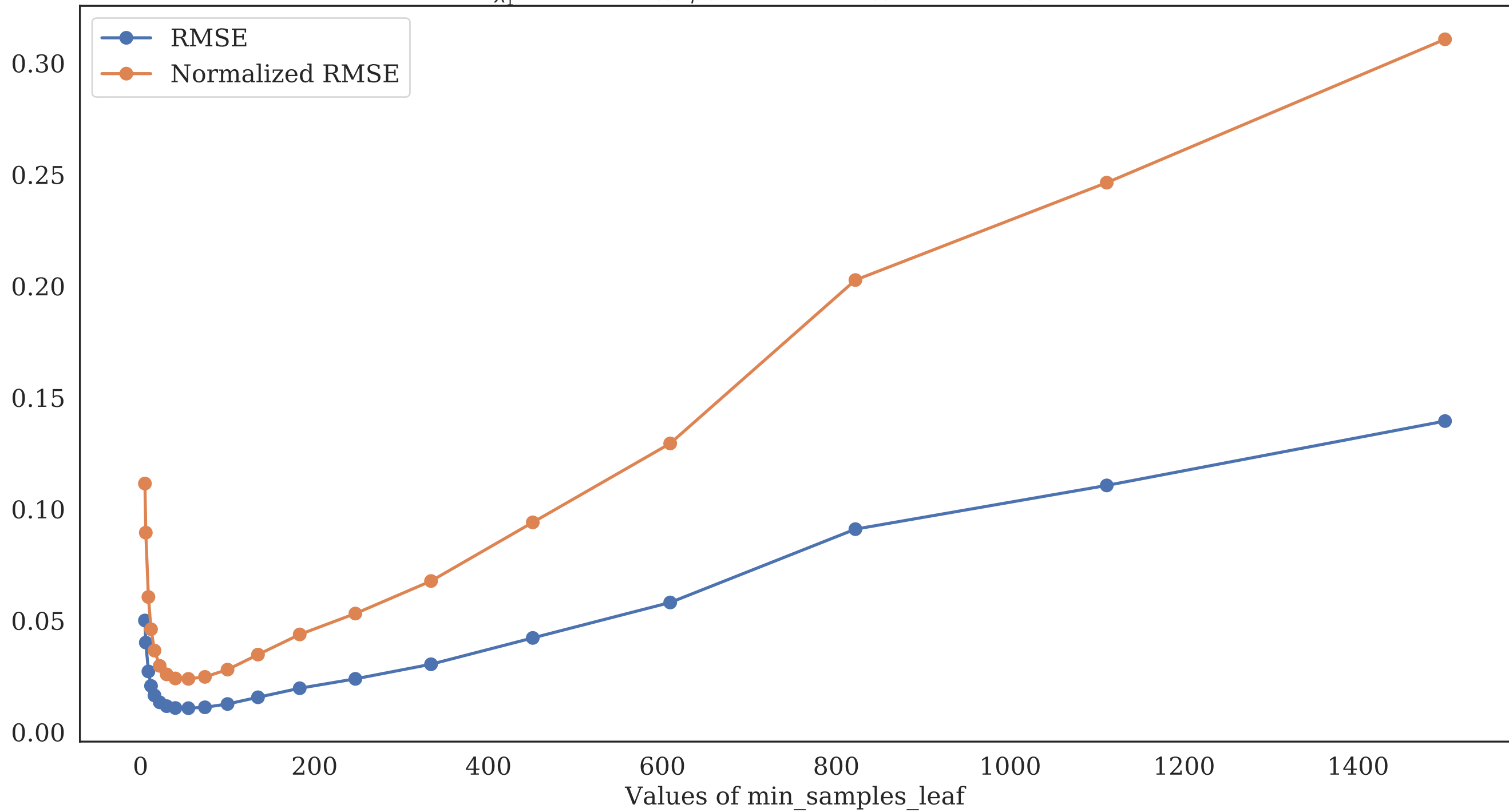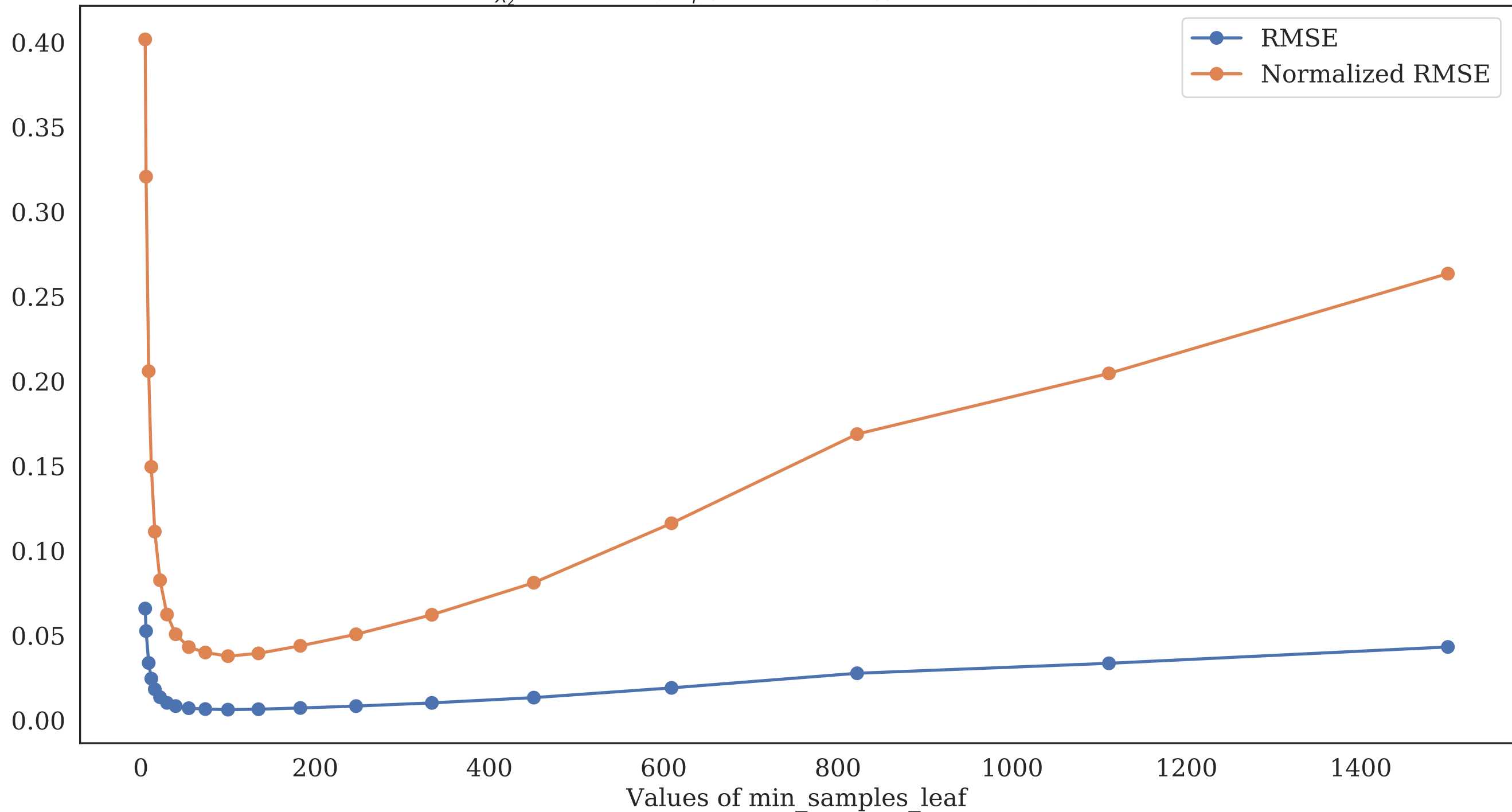
$S_{X_3}^{\alpha=0.10}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

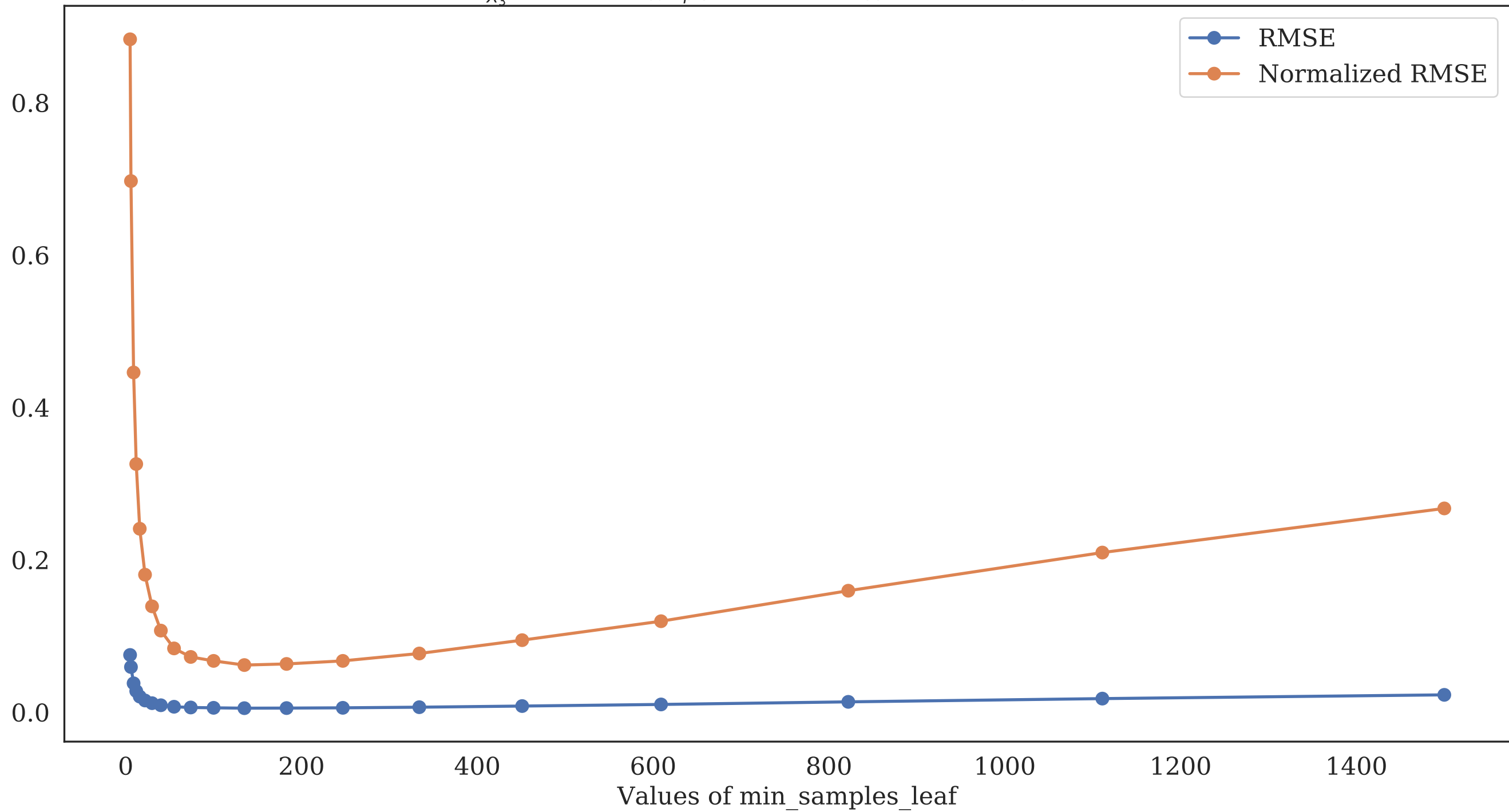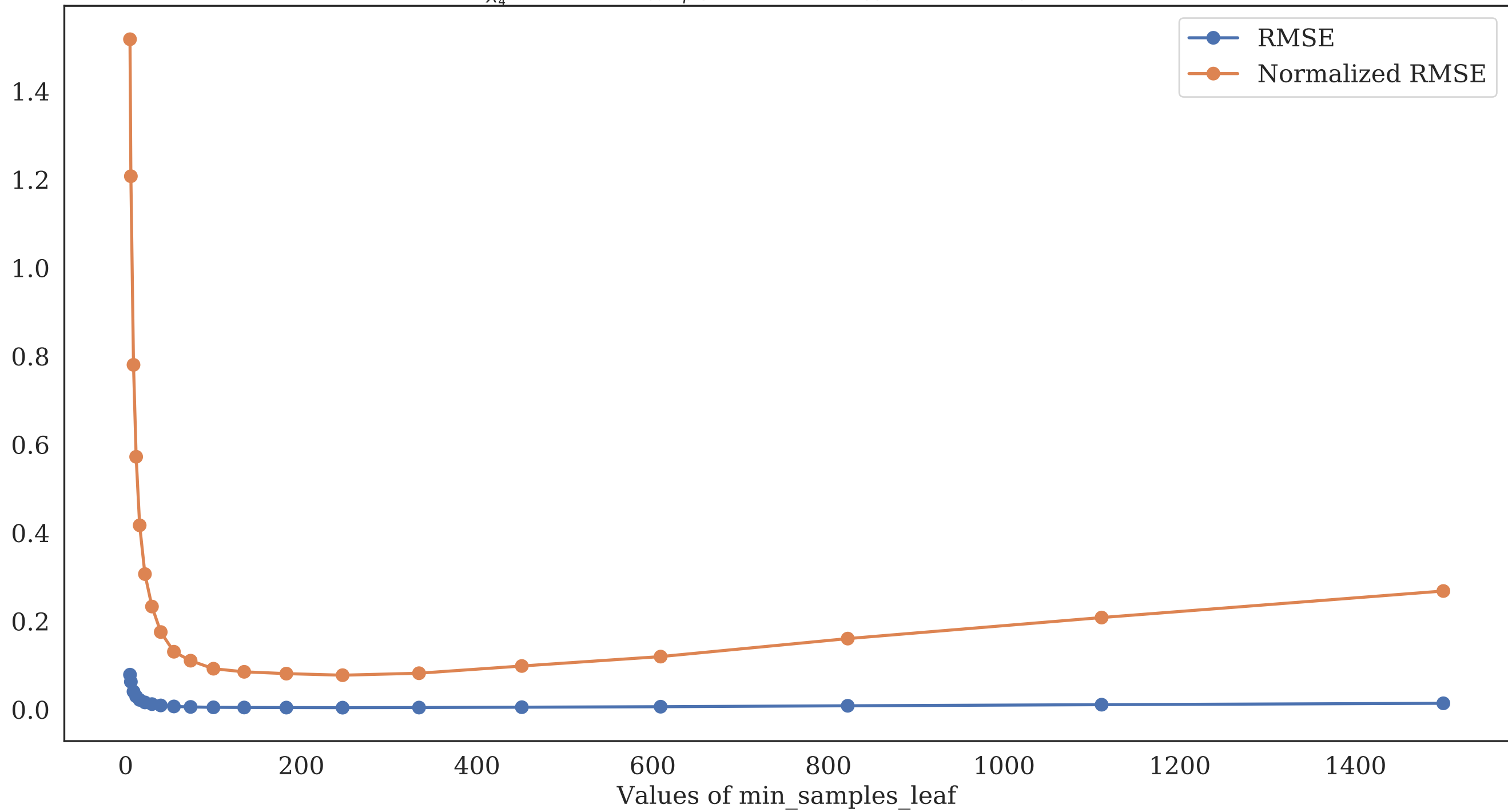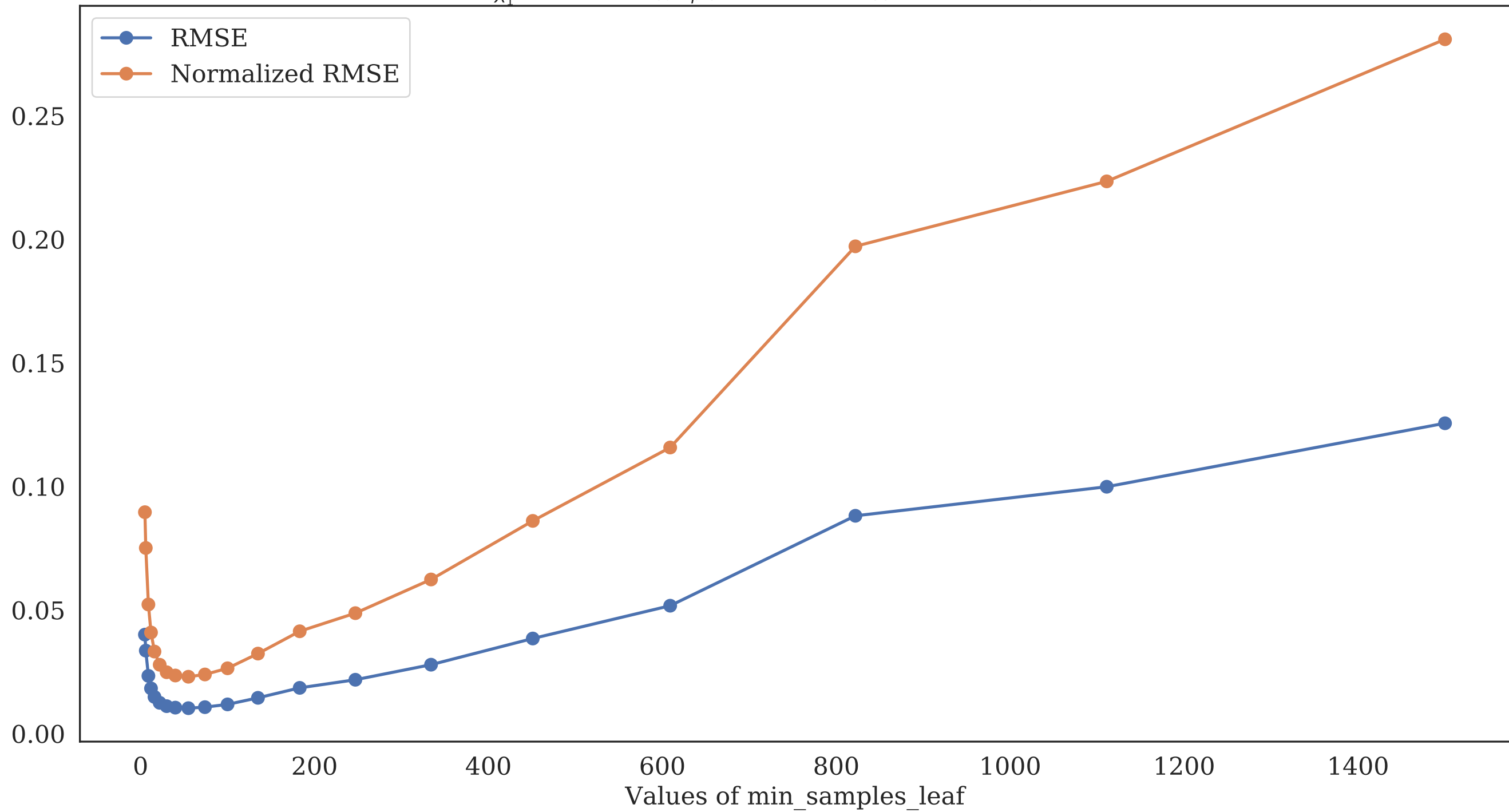Figure: $S_{X_4}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_1}^{\alpha=0.30}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

- RMSE
- Normalized RMSE

Values of min_samples_leaf
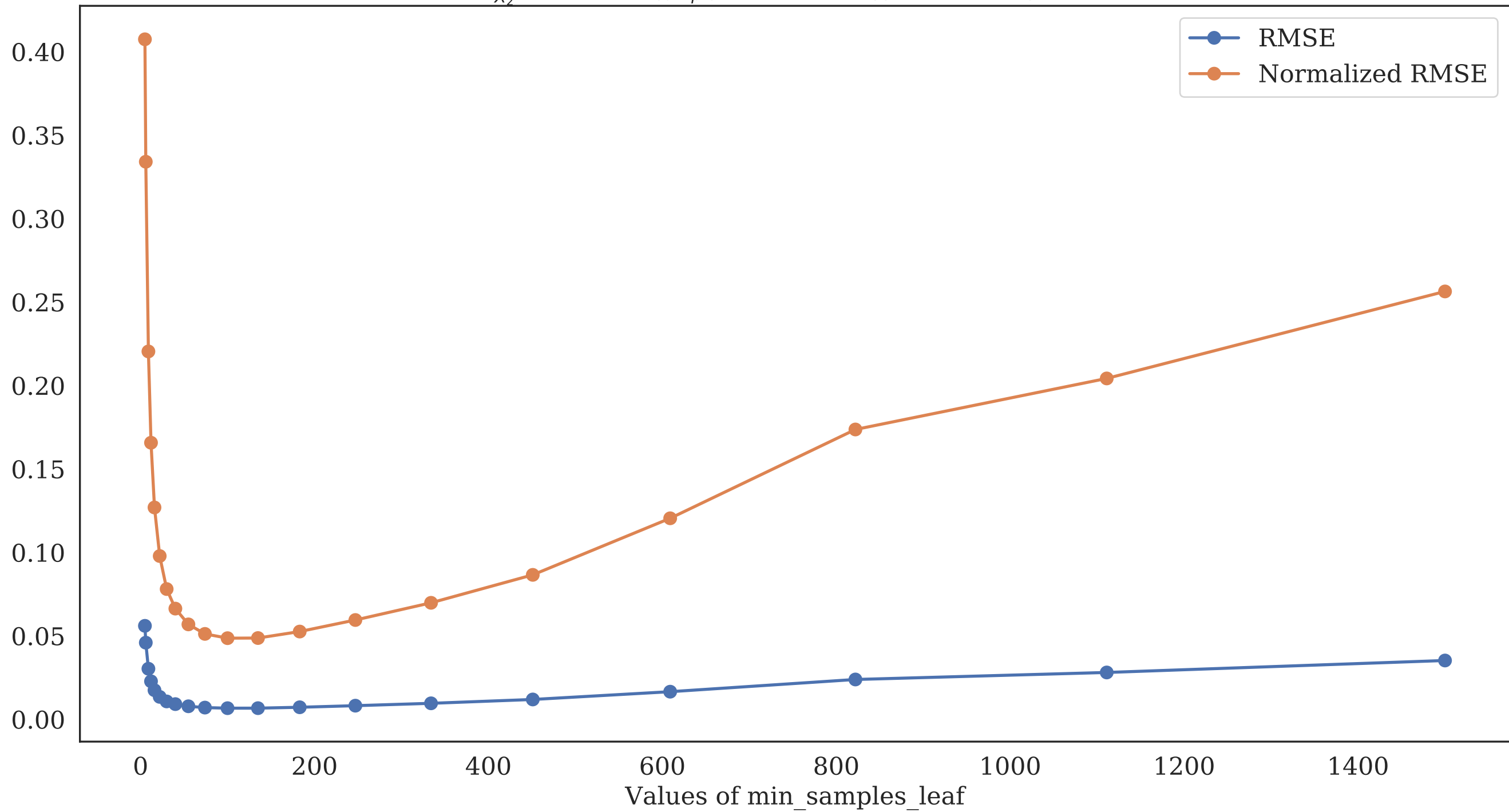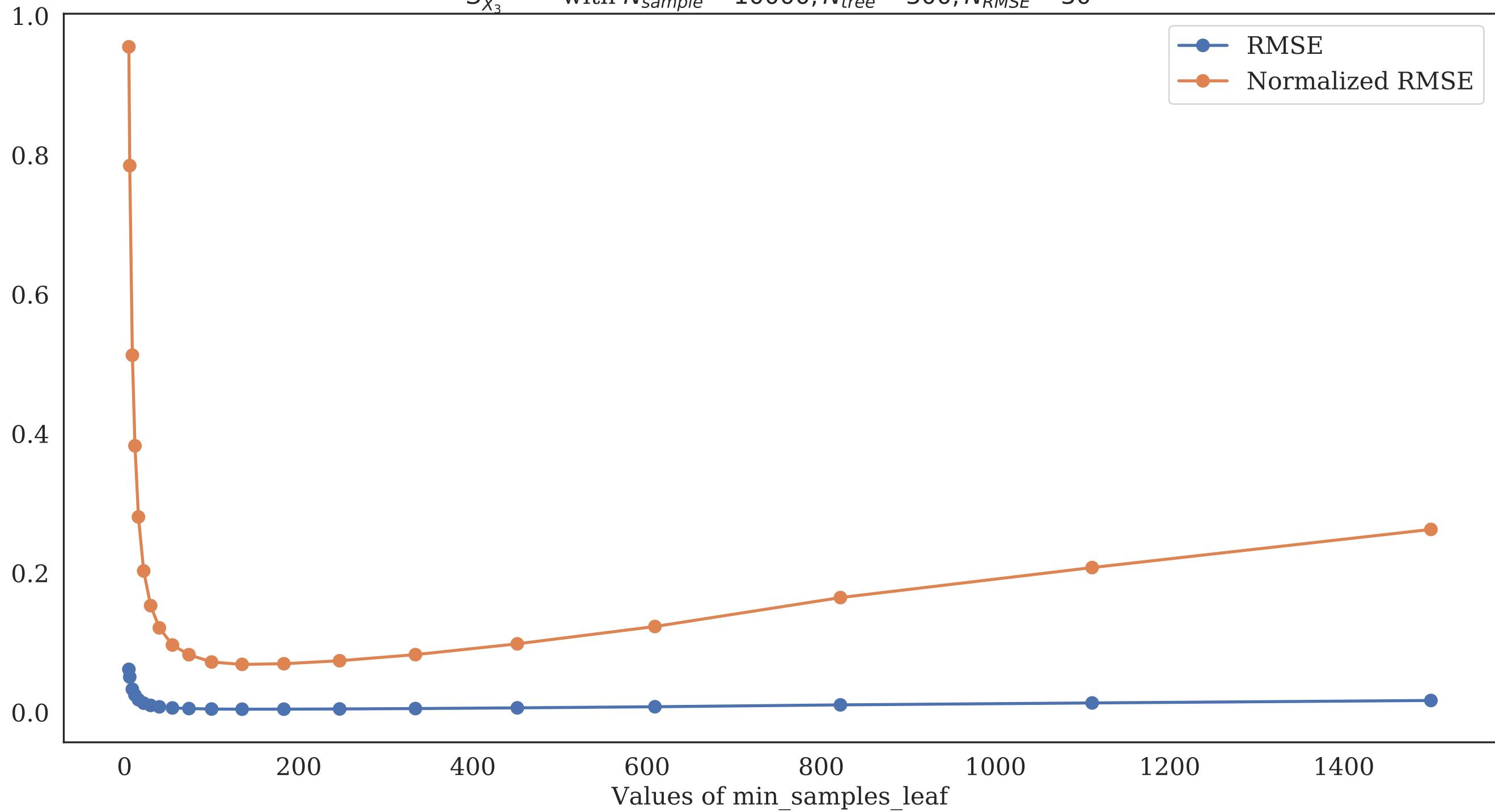
$S_{X_2}^{\alpha = 0.30}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

$S_{X_3}^{\alpha=0.30}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

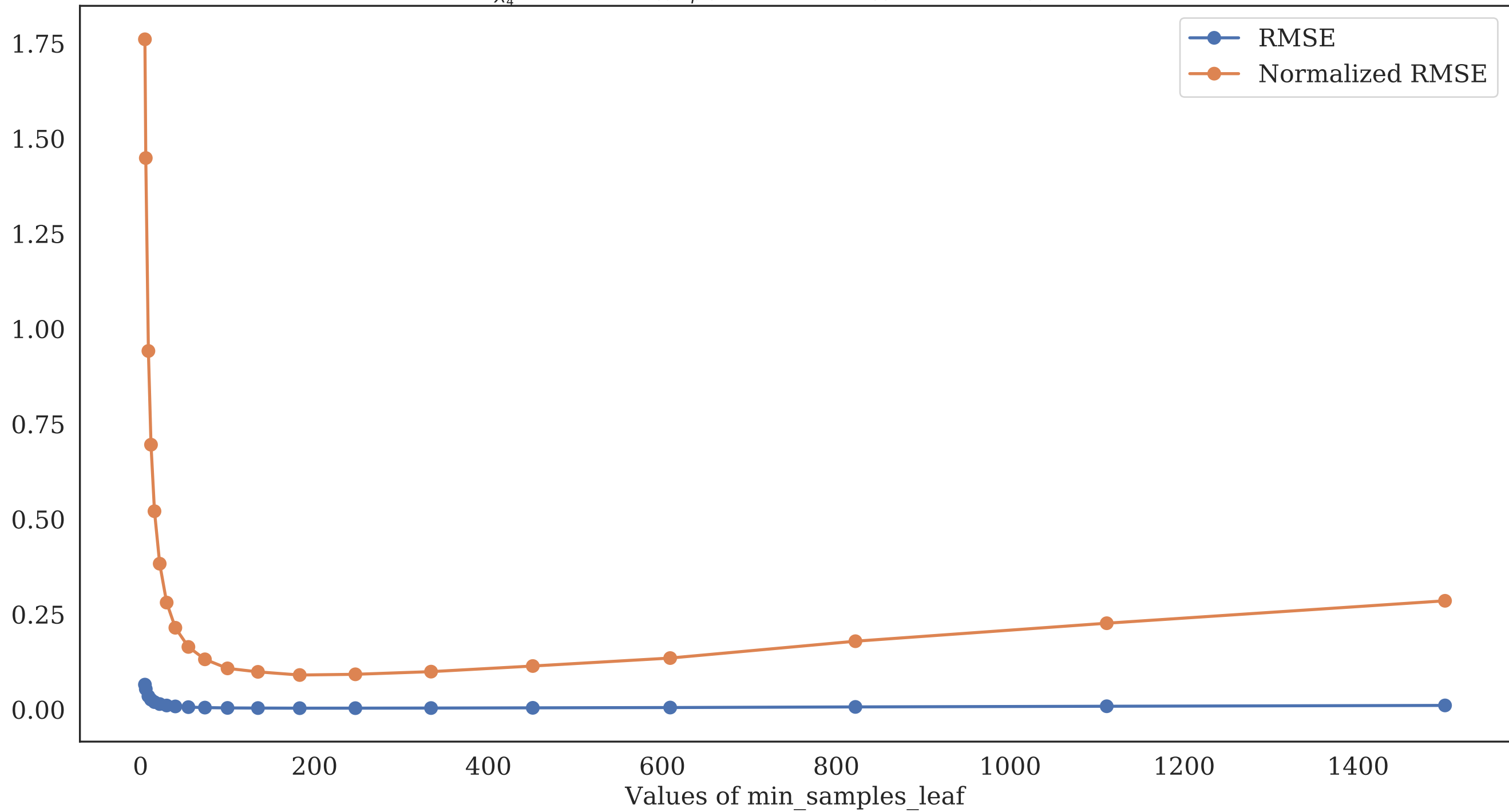$S_{X_4}^{\alpha=0.30}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Figure: $S_{X_1}^{\alpha=0.50}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

$S_{X_2}^{\alpha=0.50}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

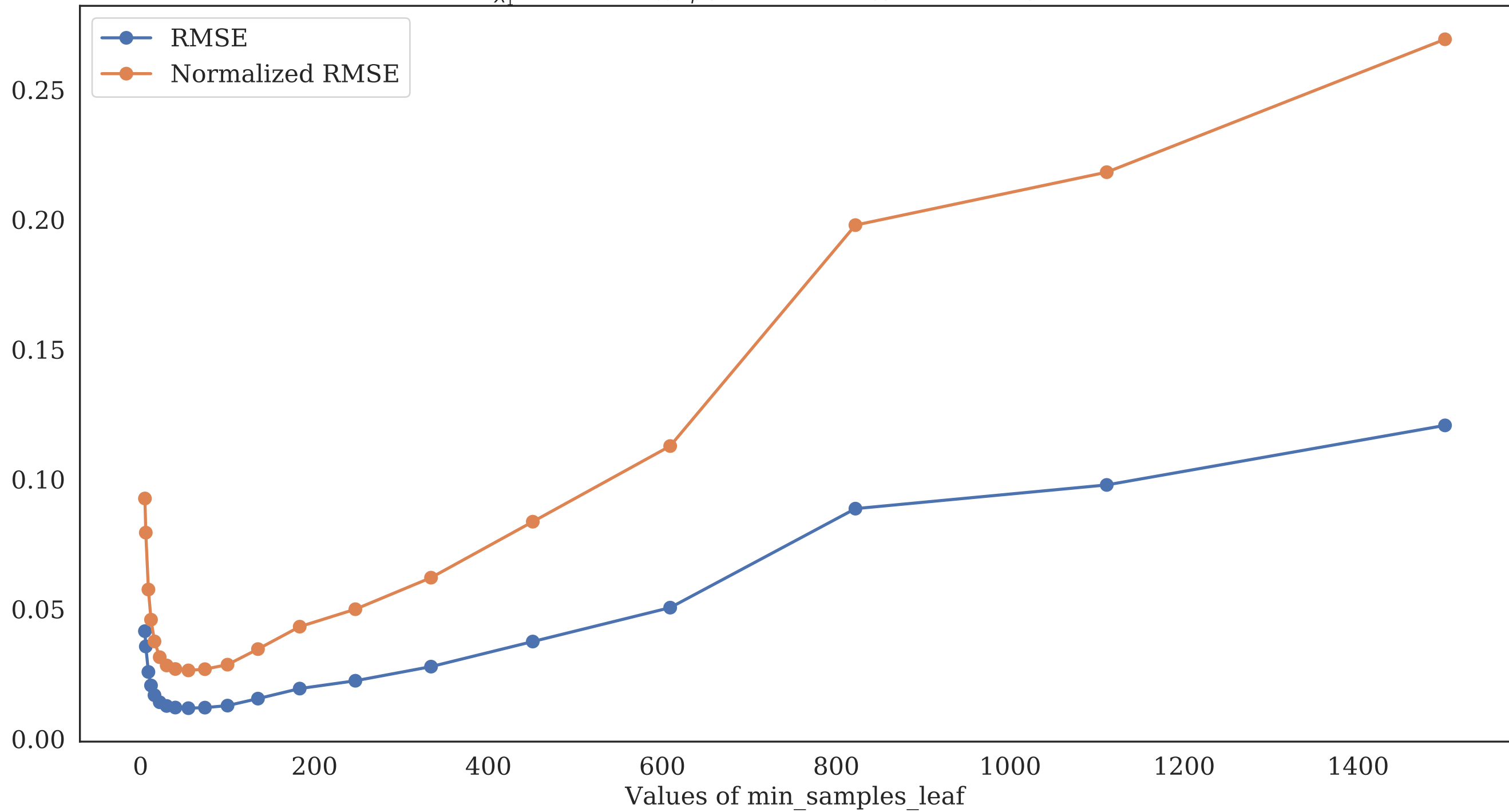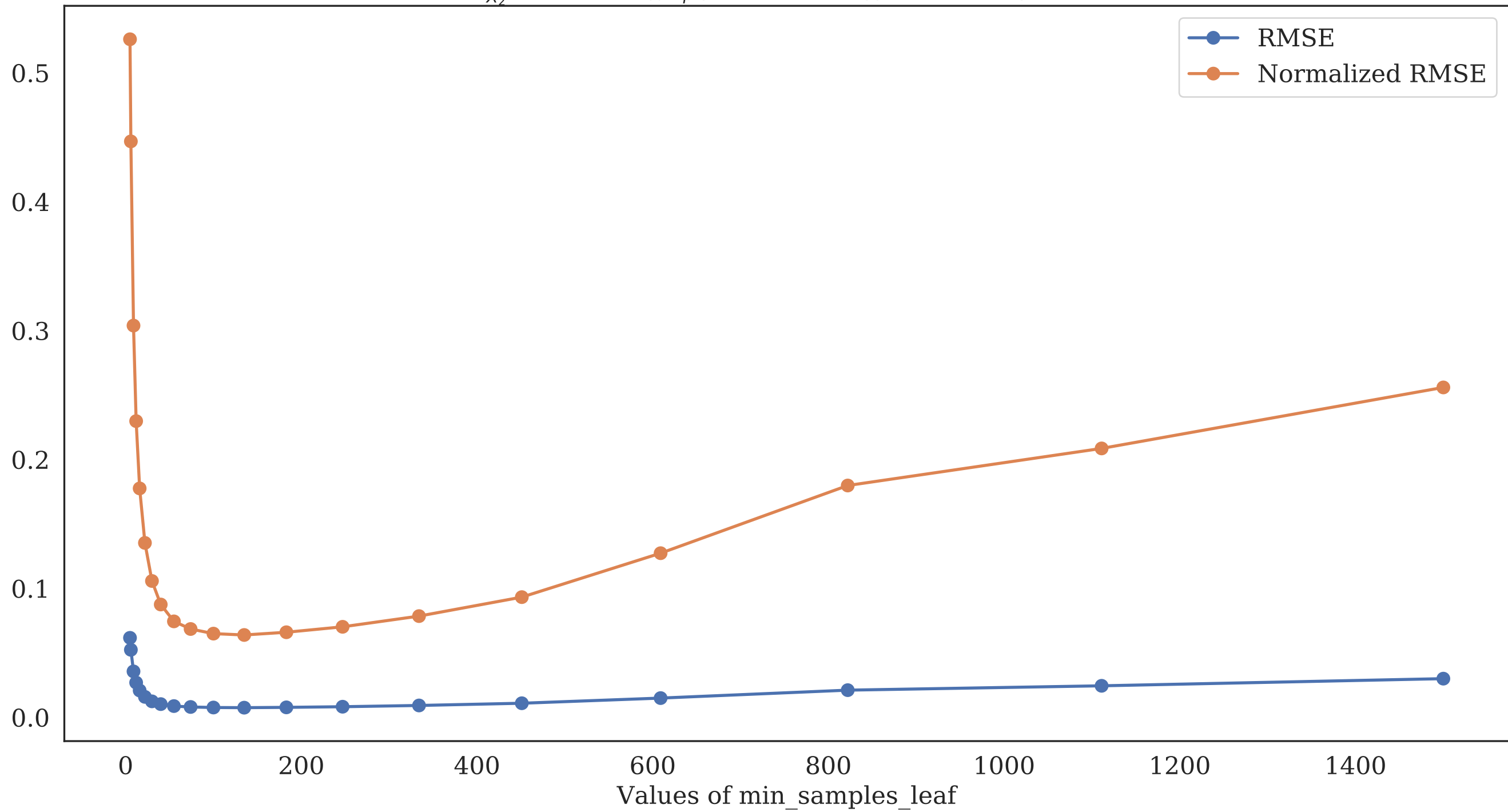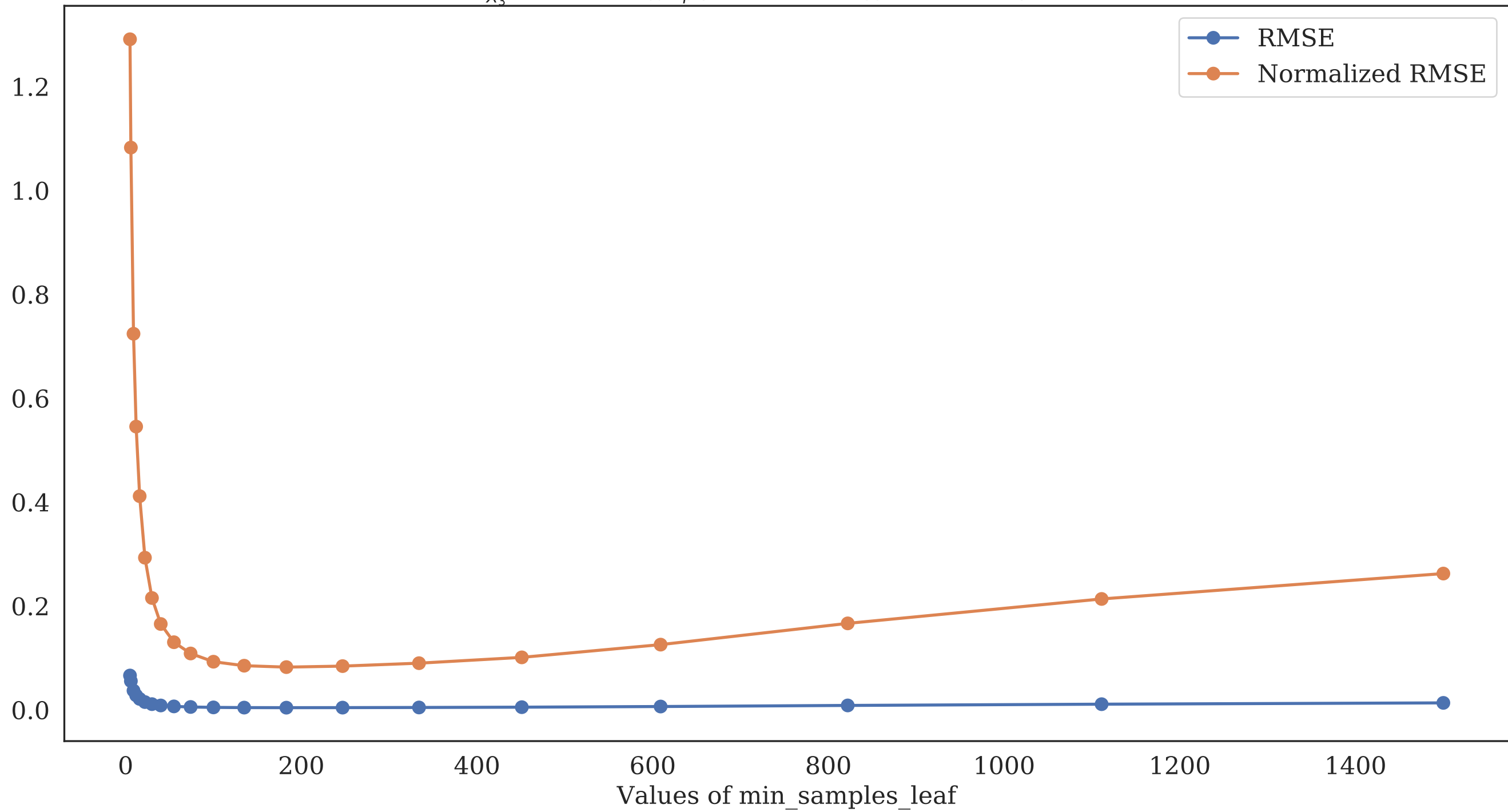$S_{X_3}^{\alpha=0.50}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_4}^{\alpha=0.50}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

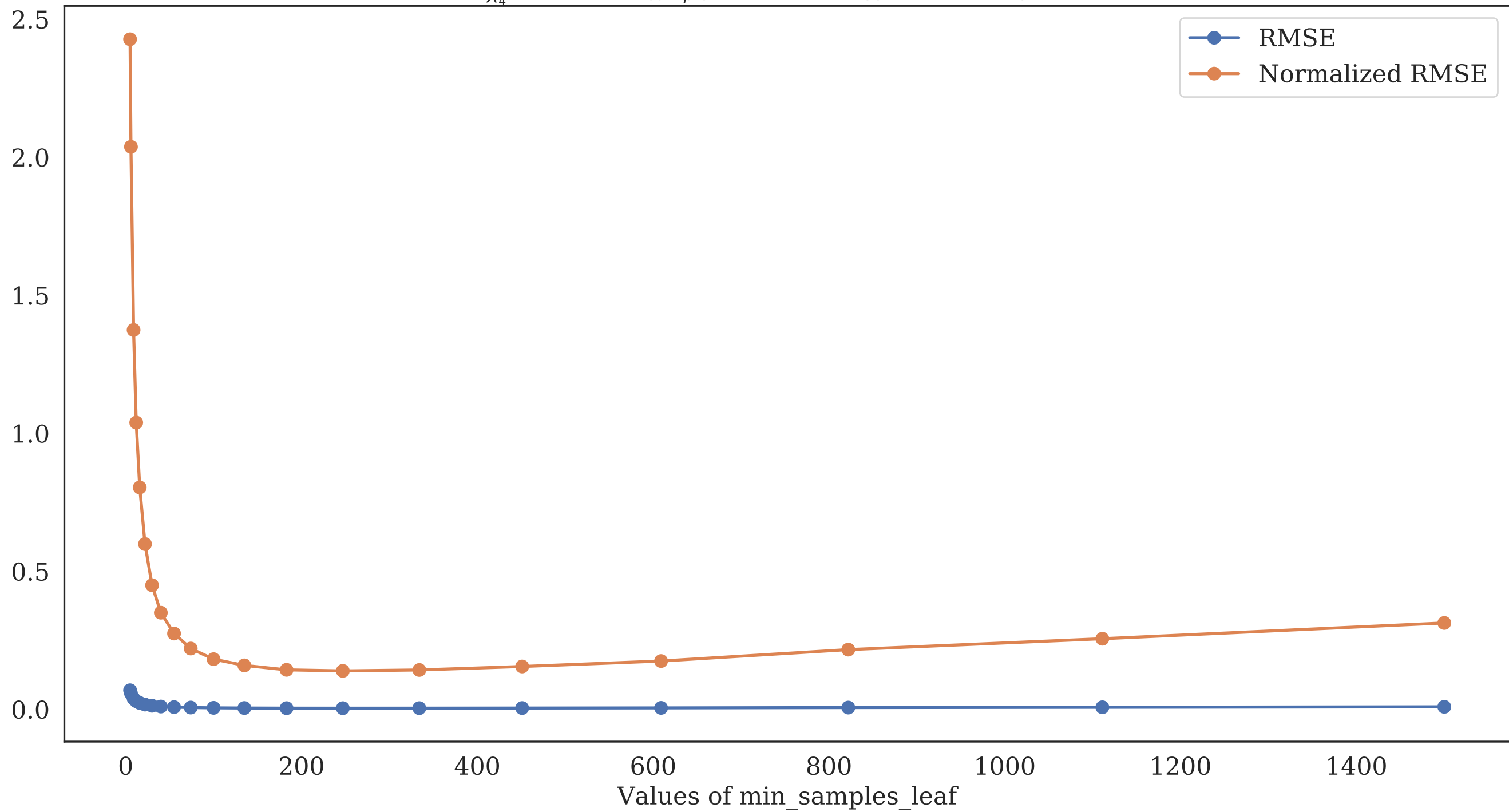Figure: $S_{X_1}^{\alpha=0.70}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

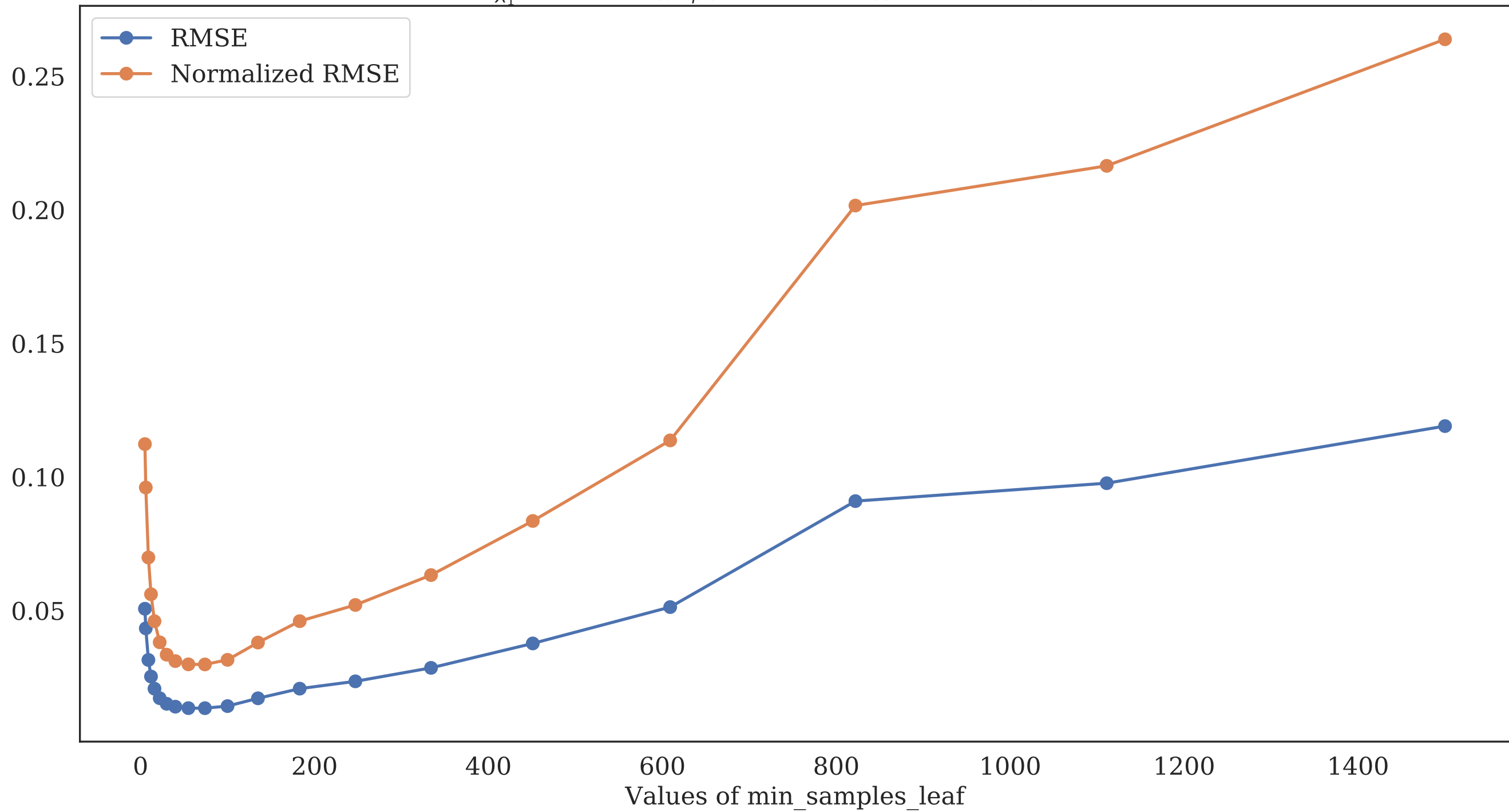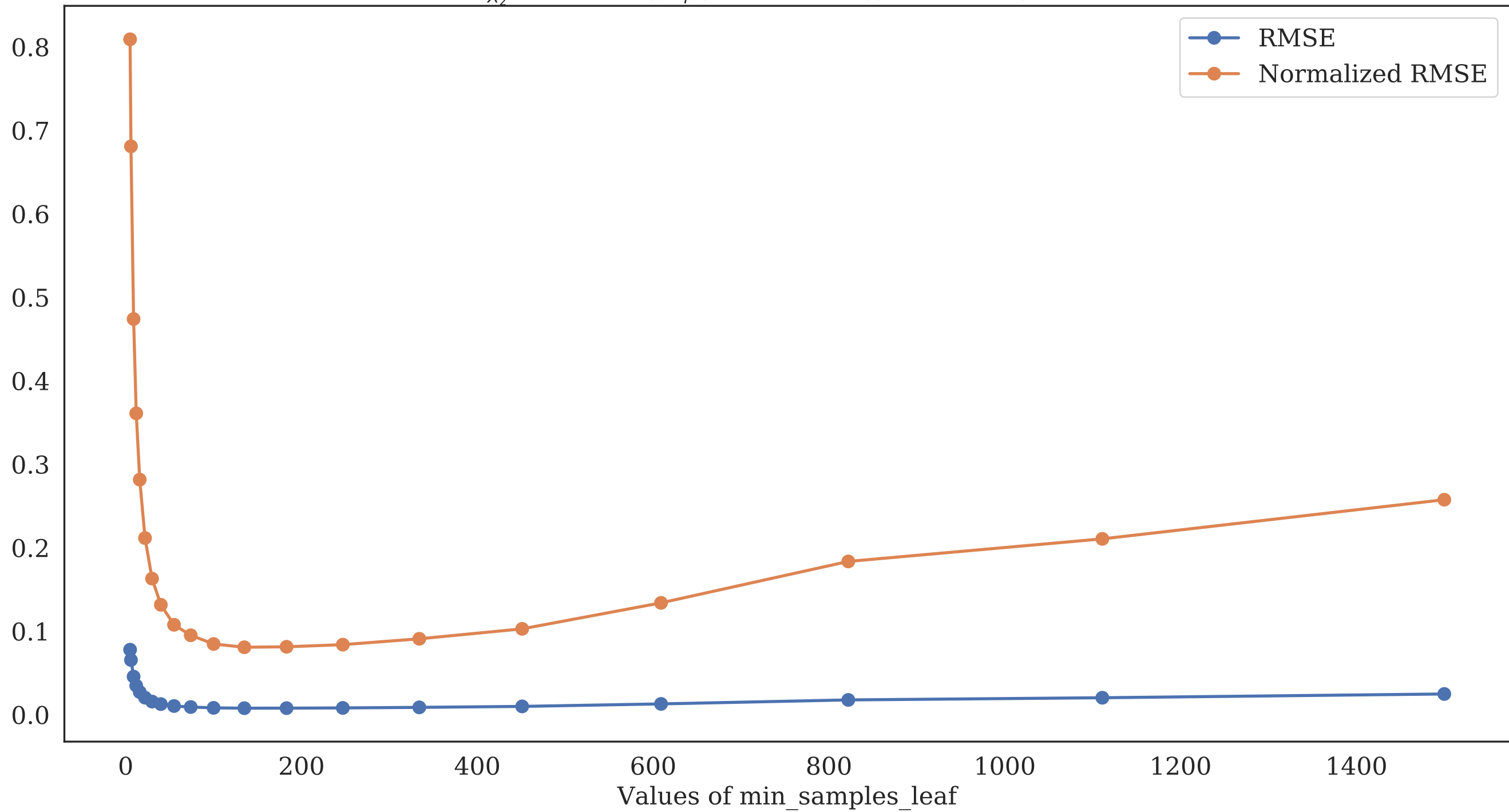$S_{X_2}^{\alpha=0.70}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_3}^{\alpha=0.70}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

$S_{X_4}^{\alpha=0.70}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

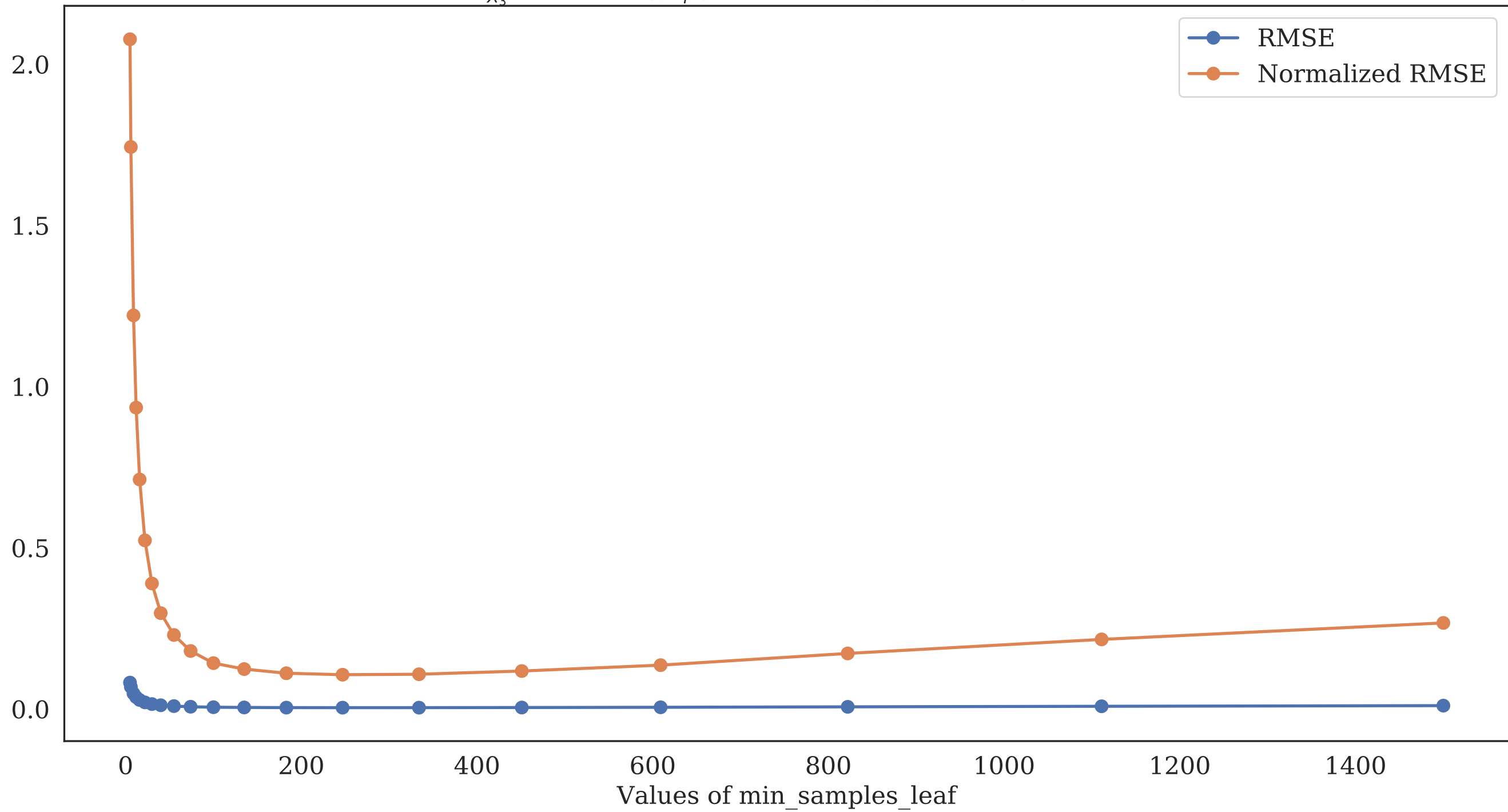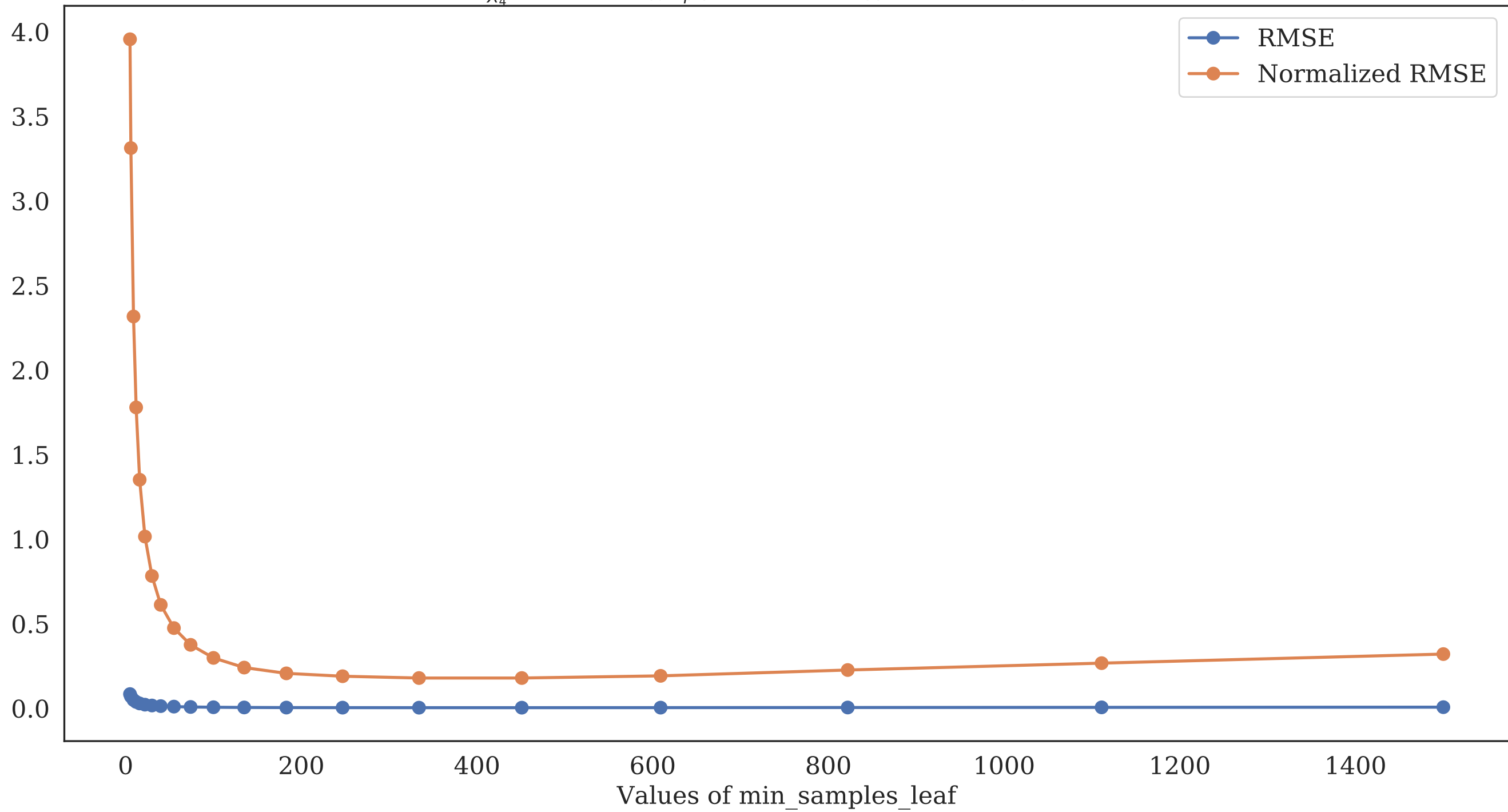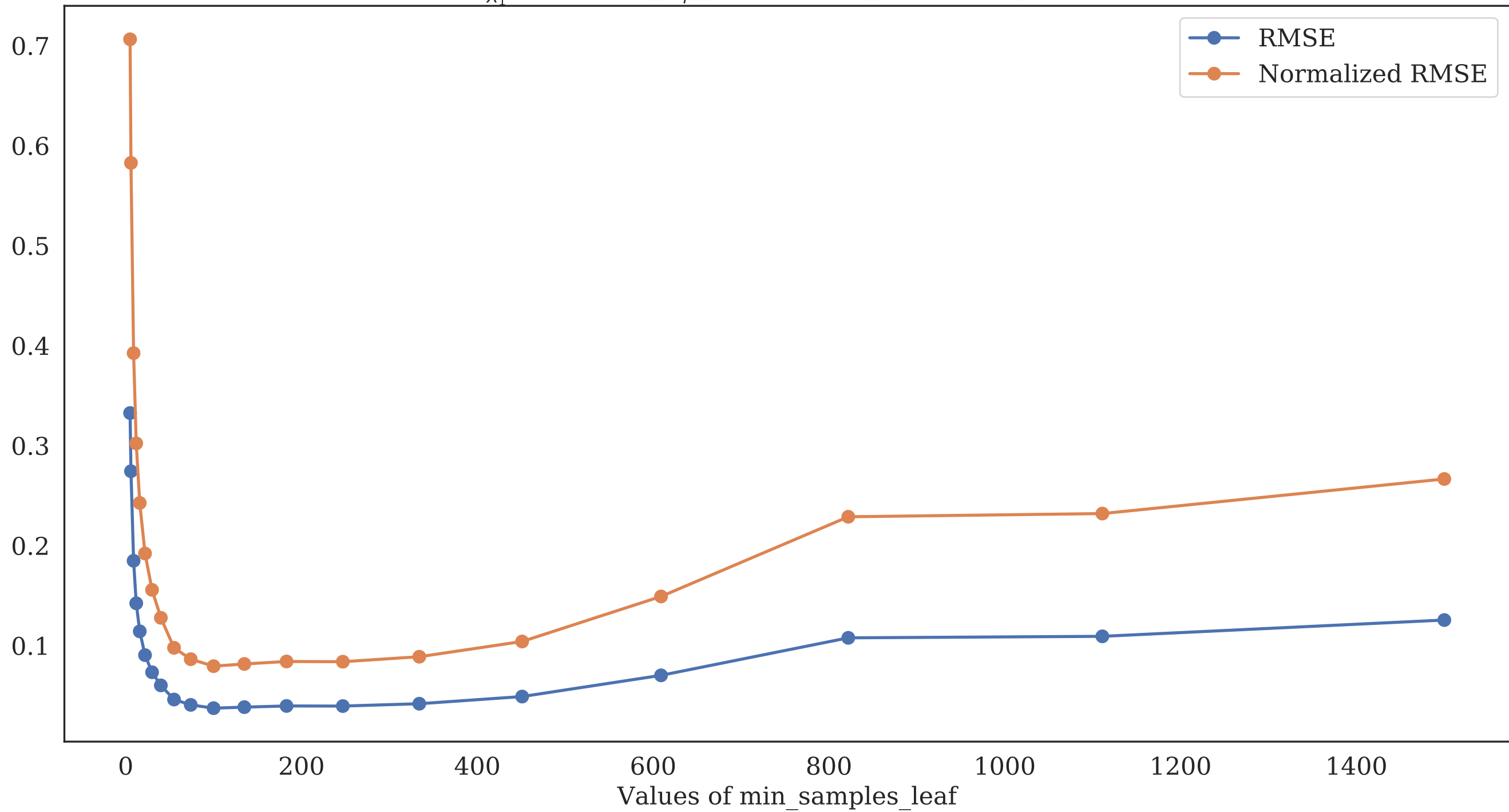$S_{X_1}^{\alpha=0.99}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

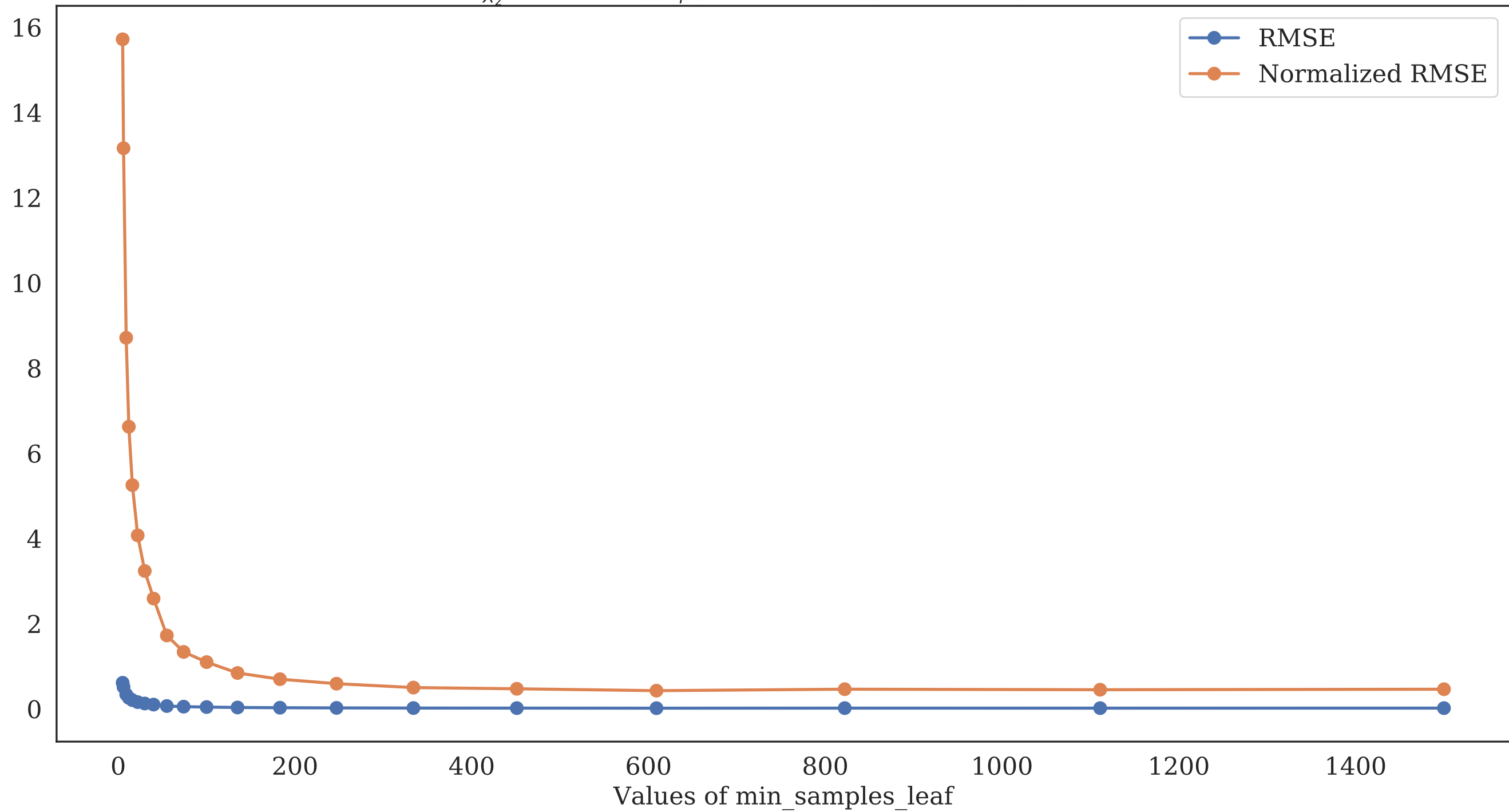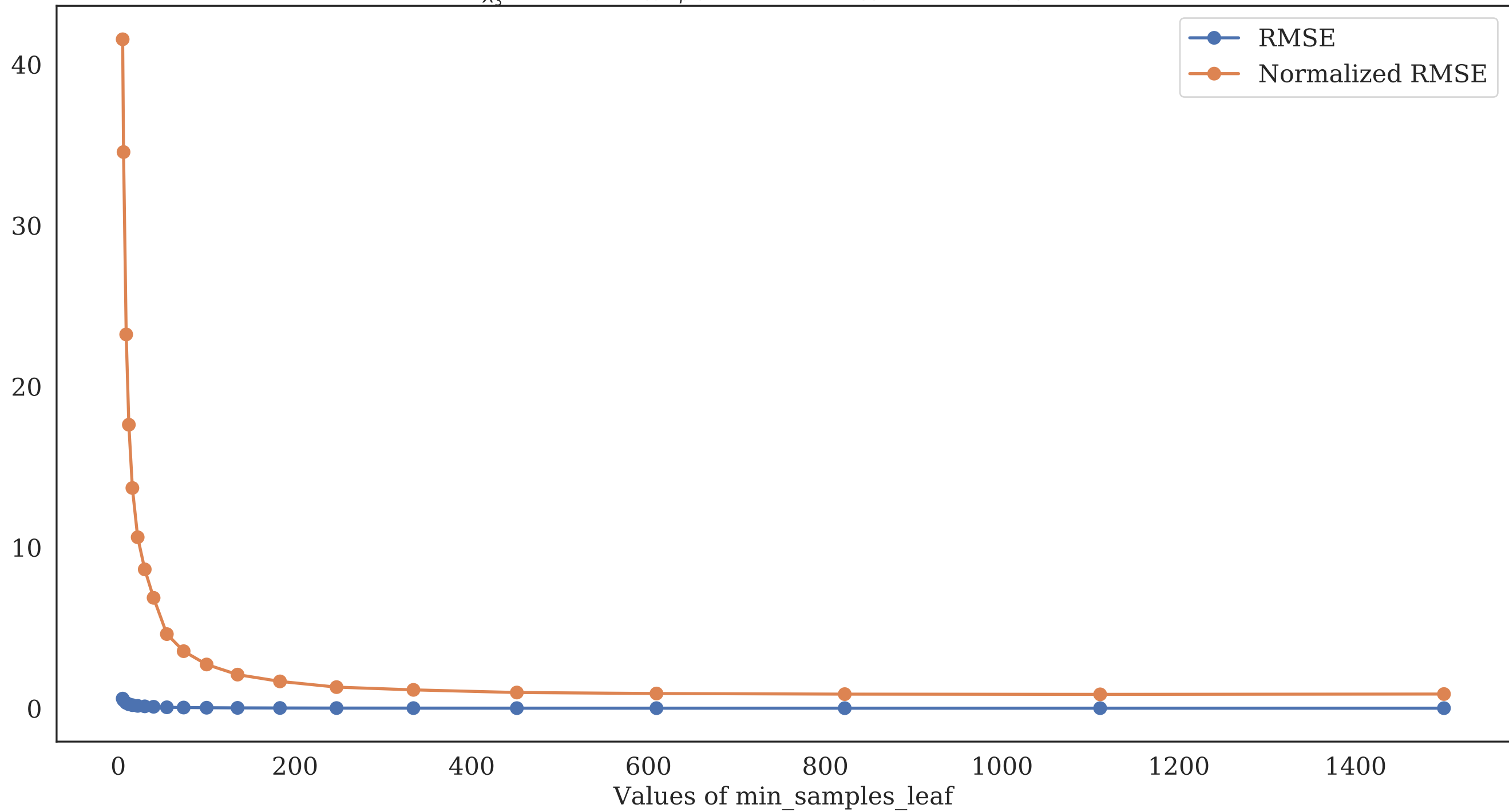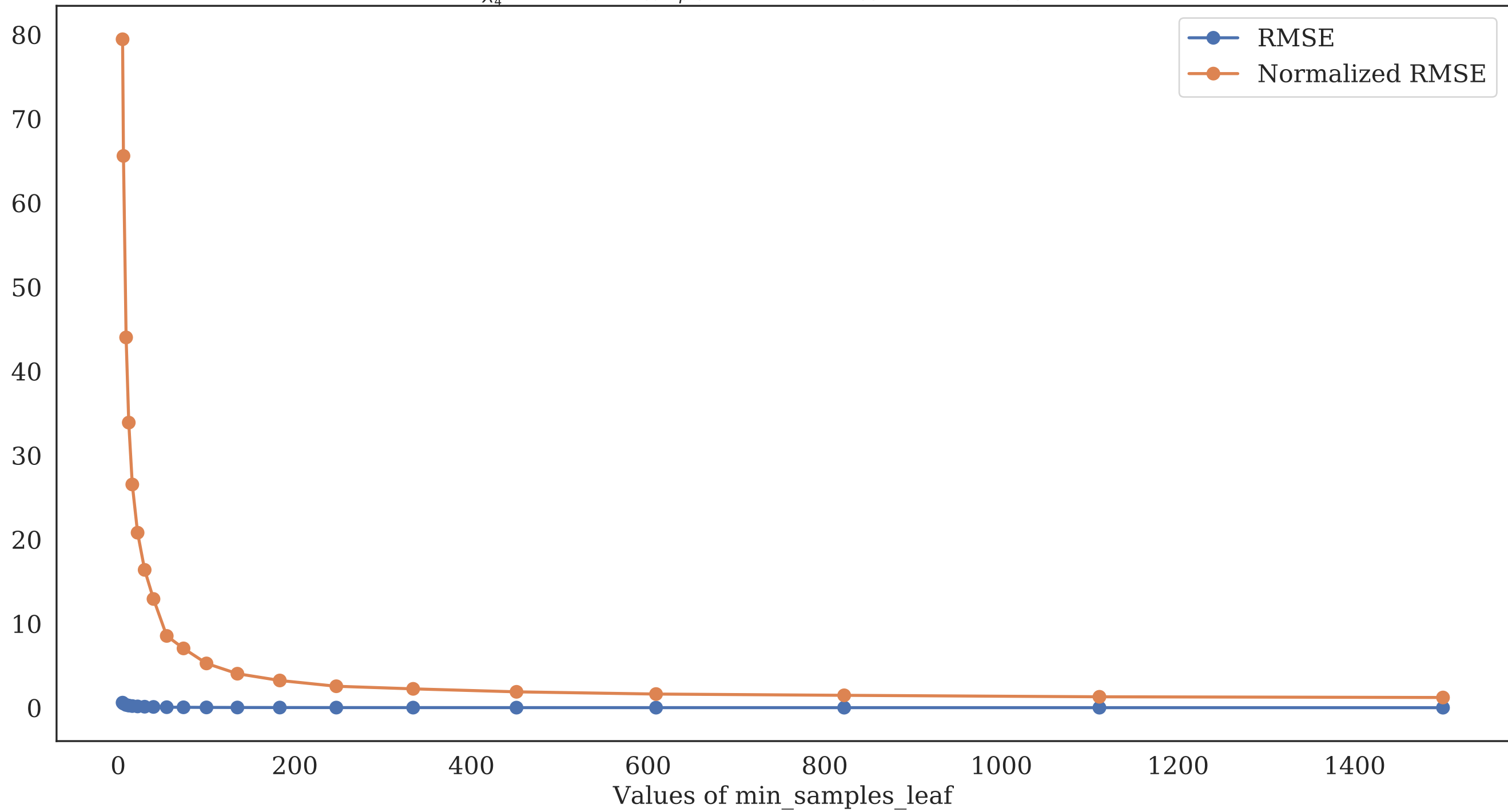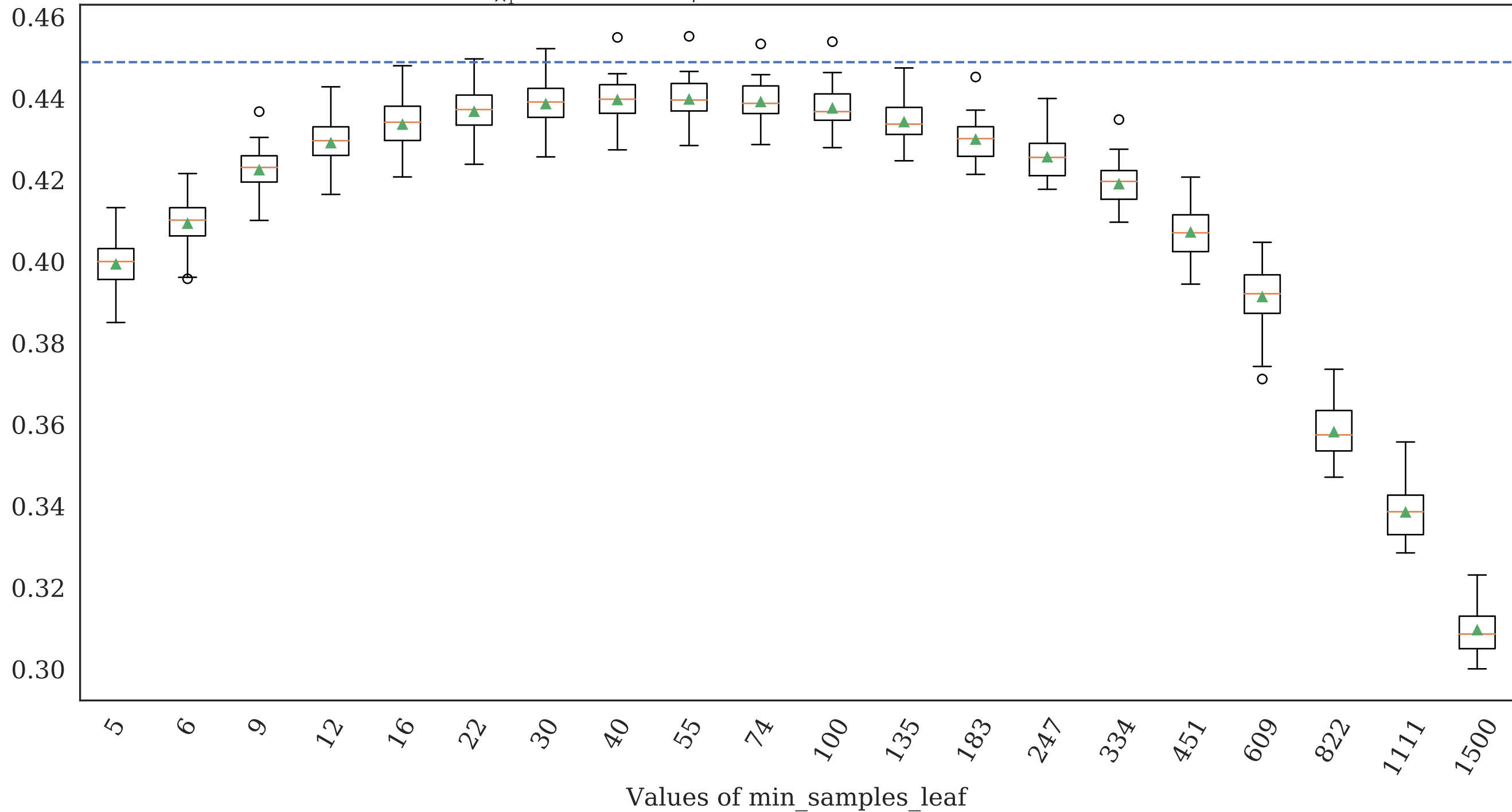Figure: $S_{X_2}^{\alpha = 0.99}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

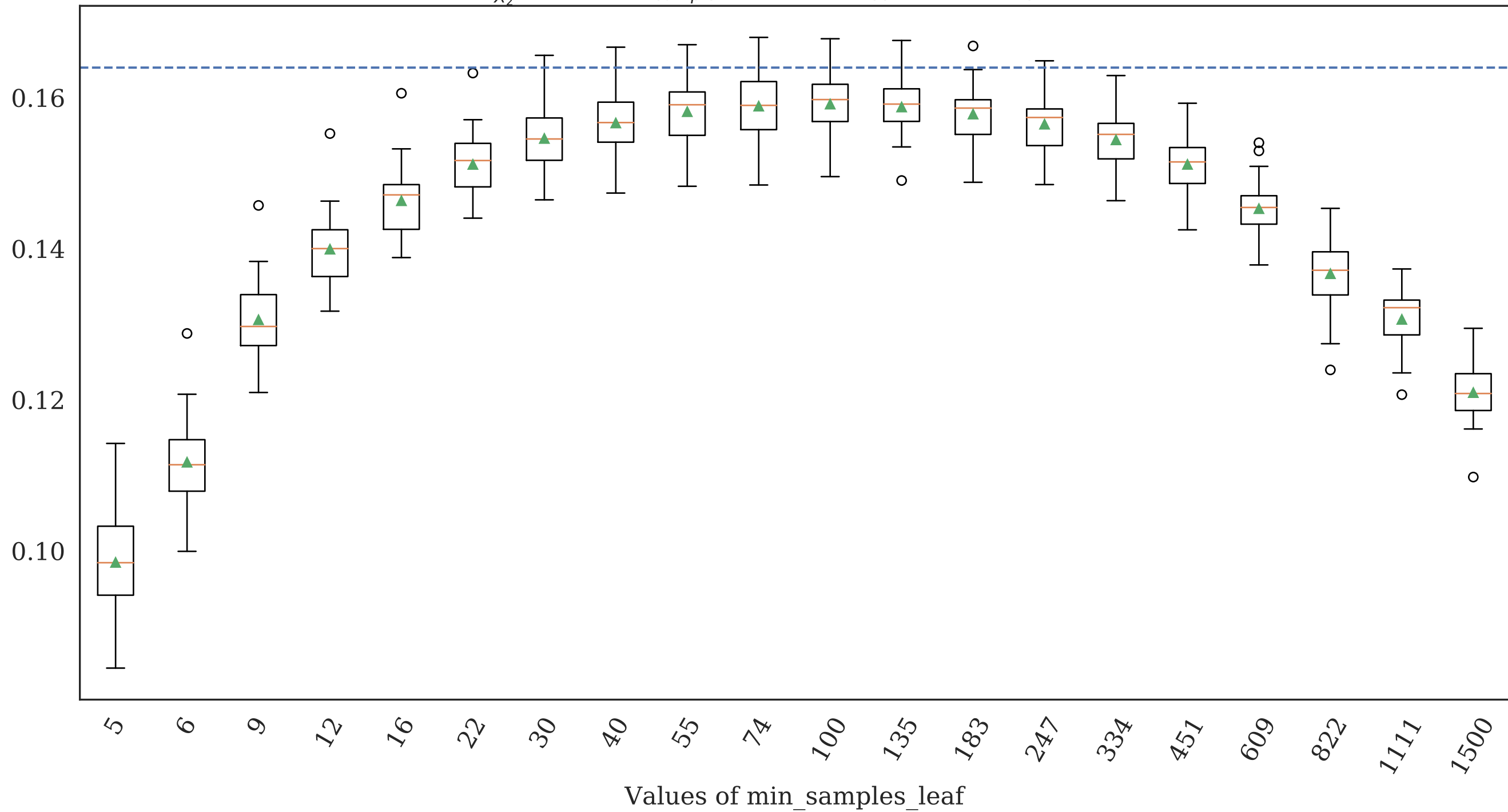$S_{X_3}^{\alpha=0.99}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$
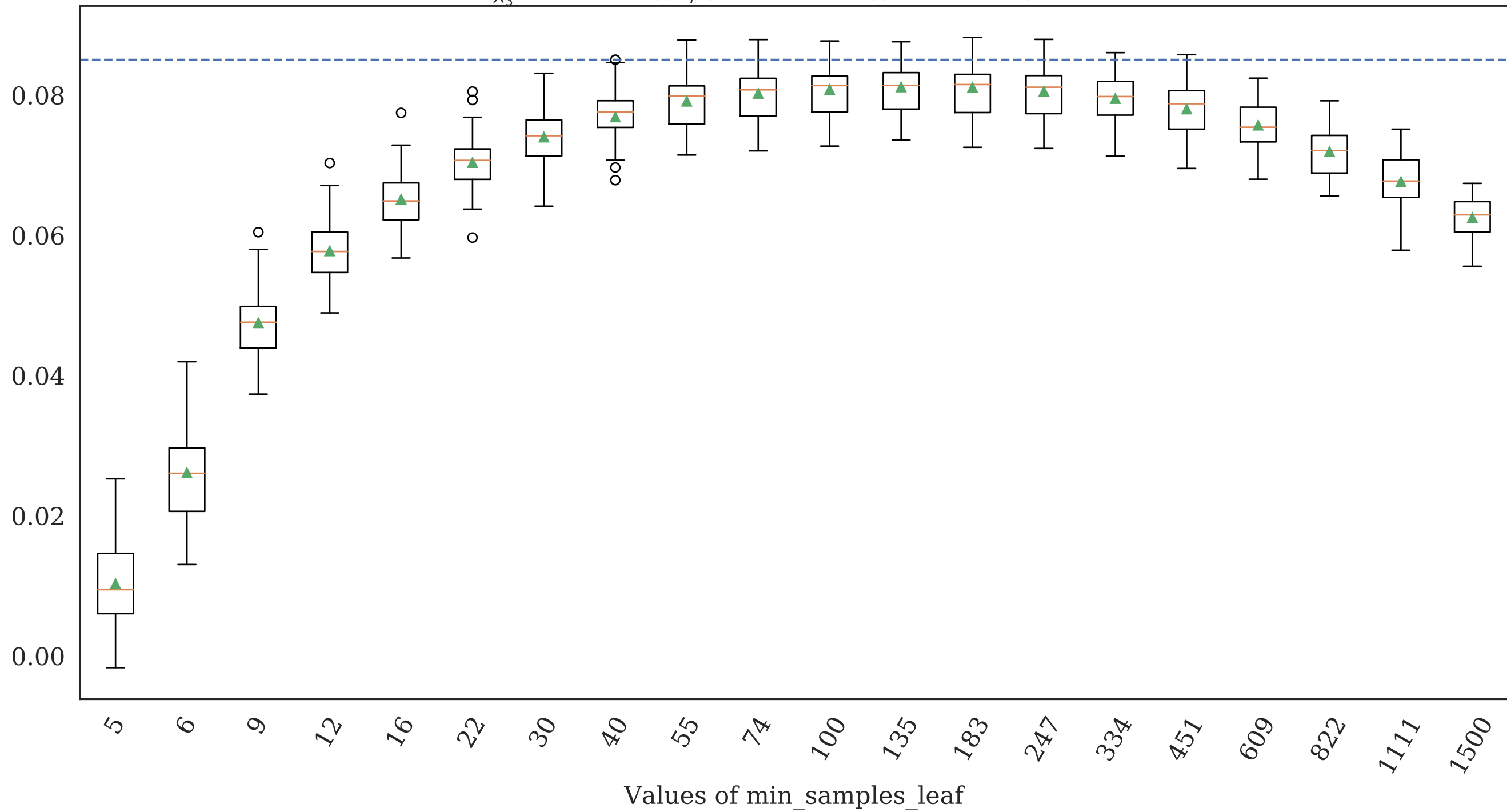
$S_{X_4}^{\alpha=0.99}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_1}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_2}^{\alpha=0.10}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

Values of min_samples_leaf

$S_{X_3}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_4}^{\alpha=0.10}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_1}^{\alpha = 0.30}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

Values of min_samples_leaf

Figure: $S_{X_2}^{\alpha=0.30}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_3}^{\alpha=0.30}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

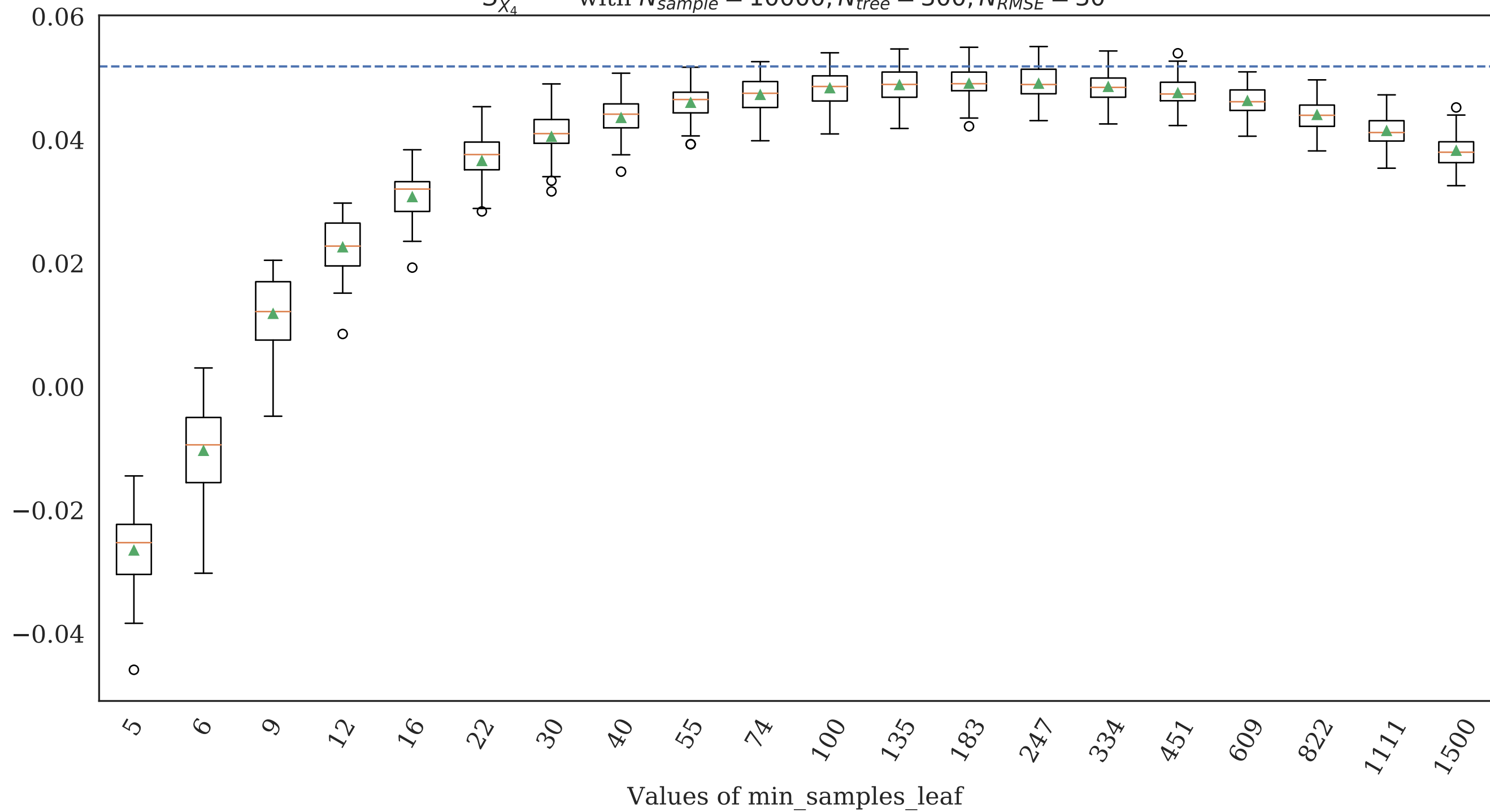$S_{X_4}^{\alpha=0.30}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_1}^{\alpha=0.50}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

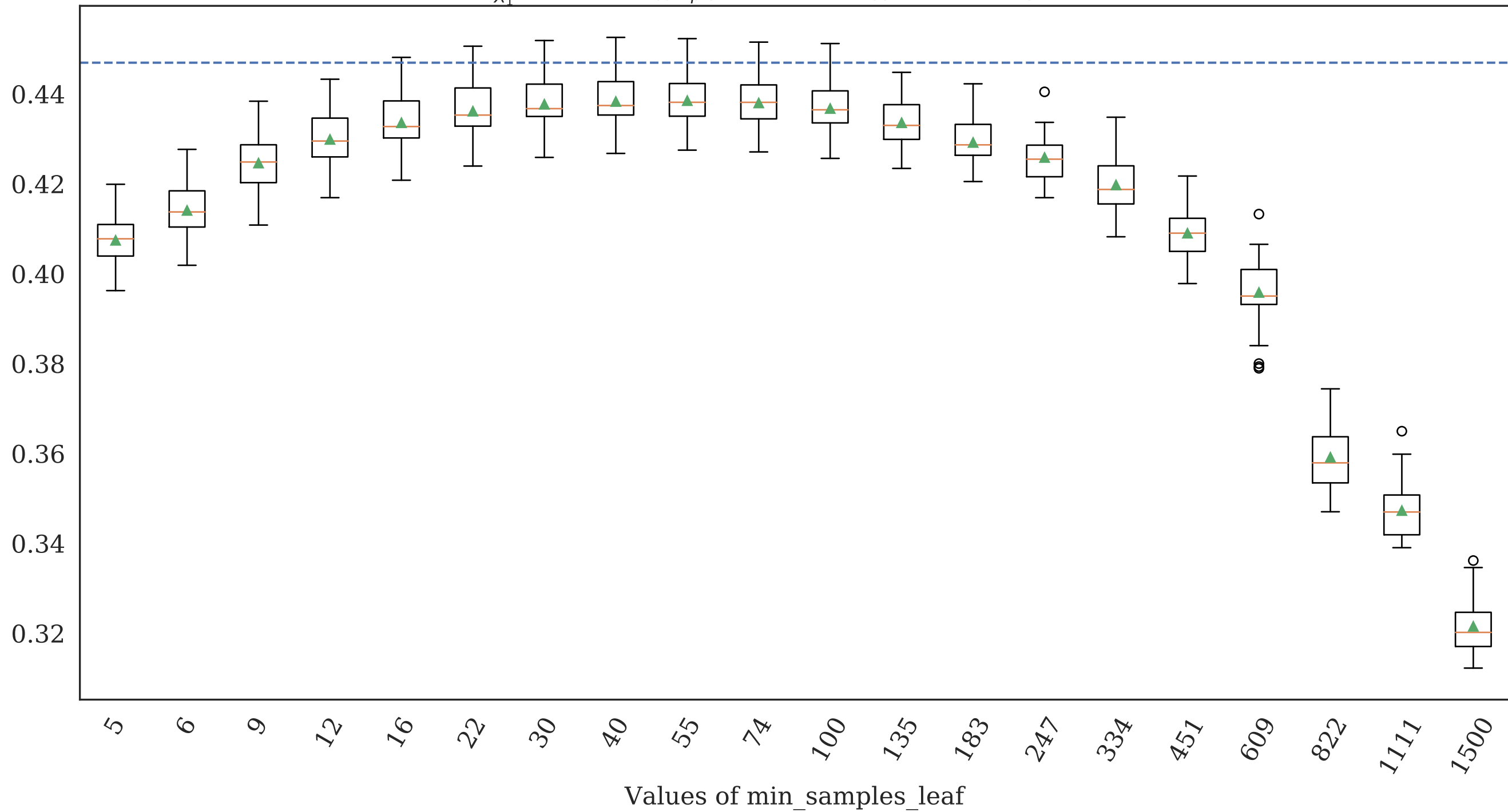$S_{X_2}^{\alpha=0.50}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_3}^{\alpha=0.50}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

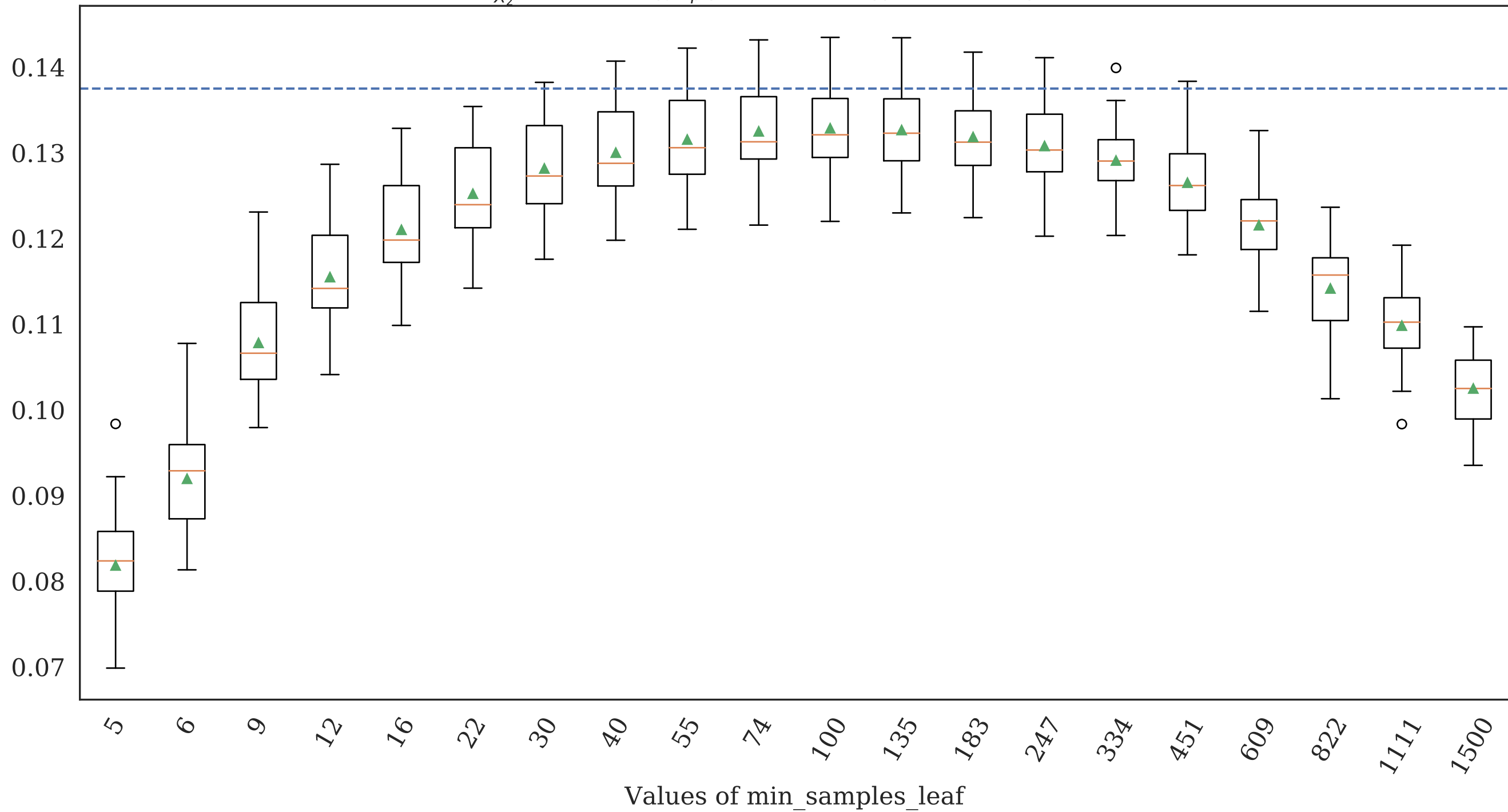$S_{X_4}^{\alpha=0.50}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$
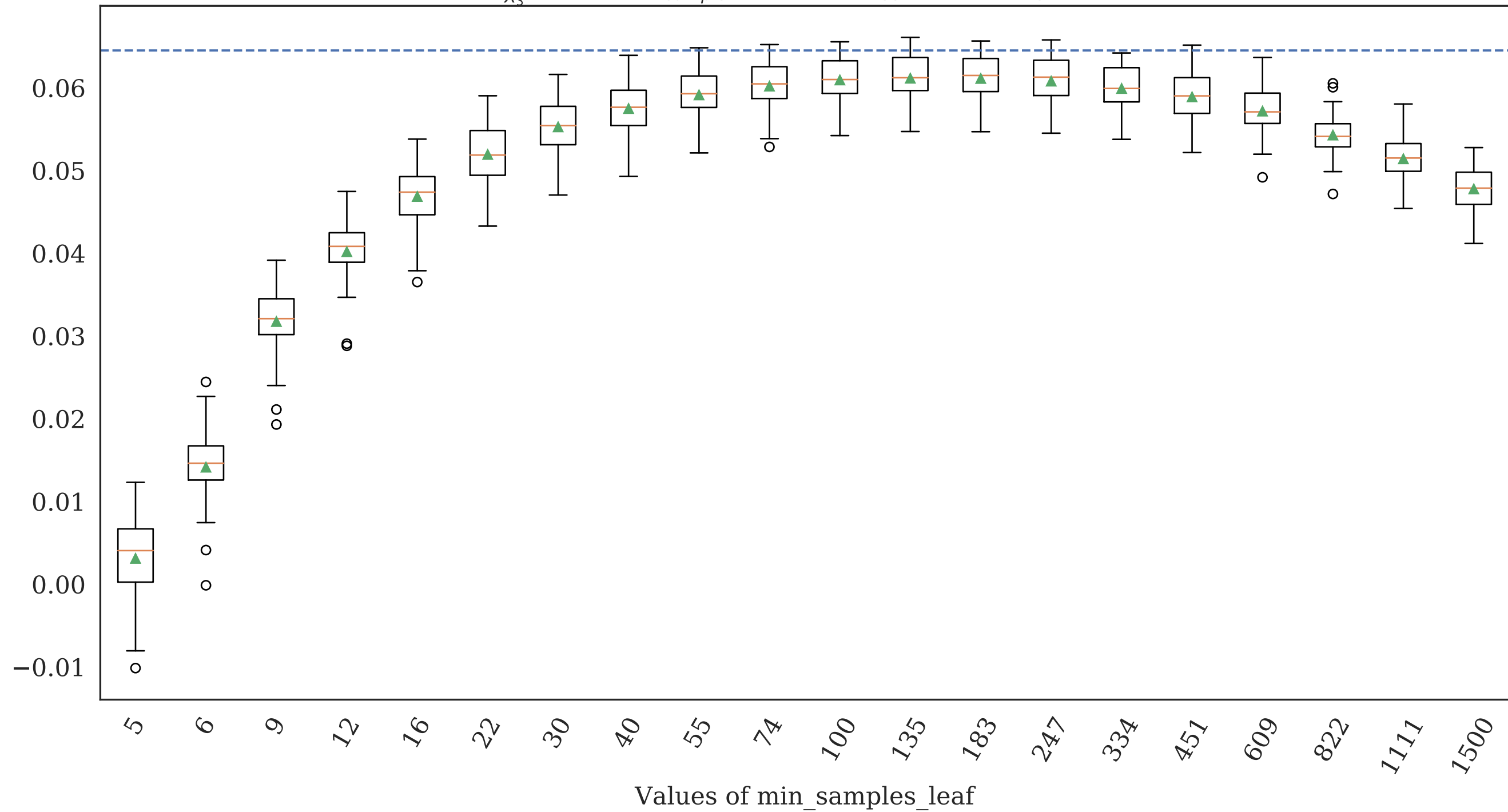
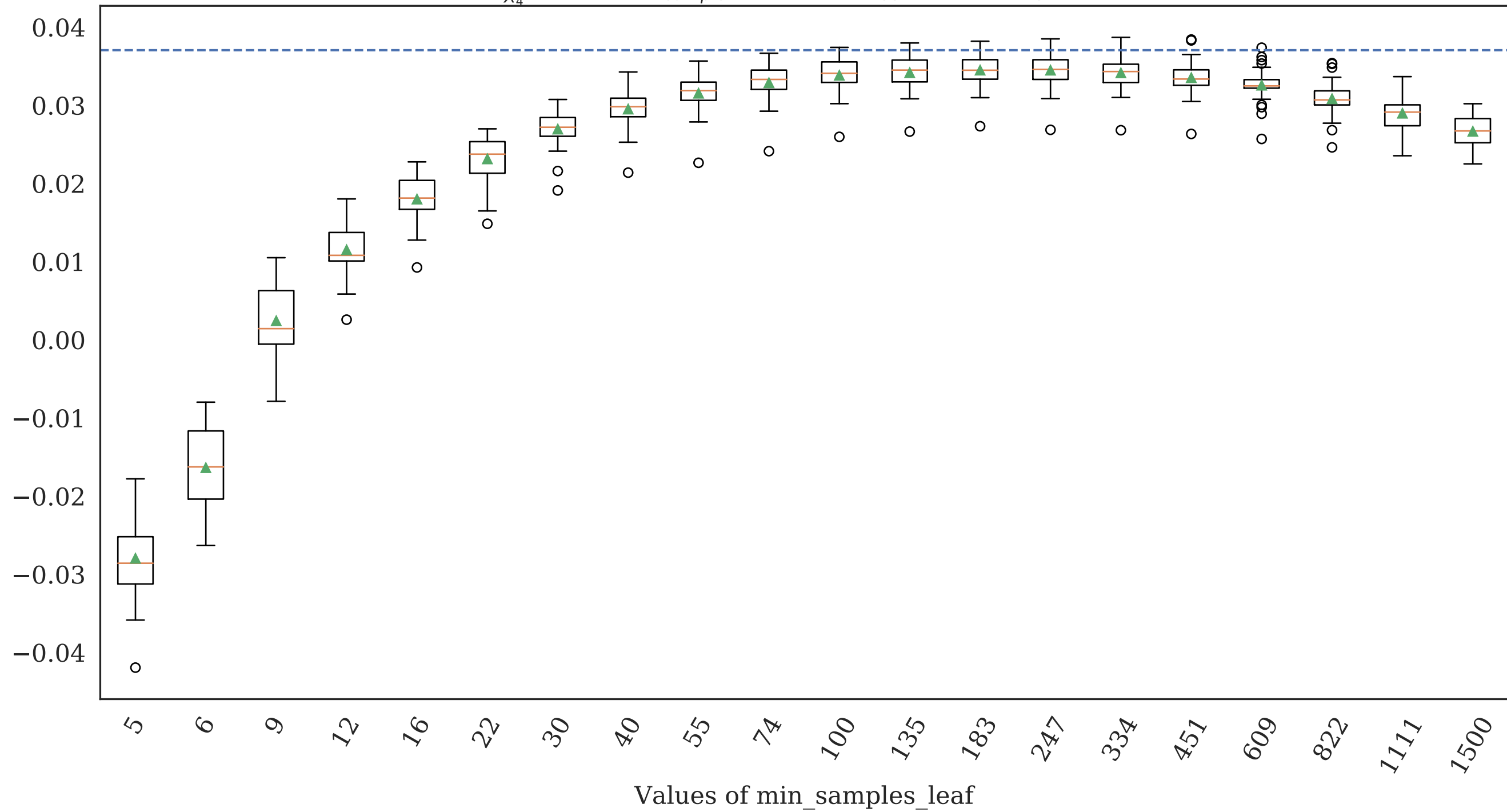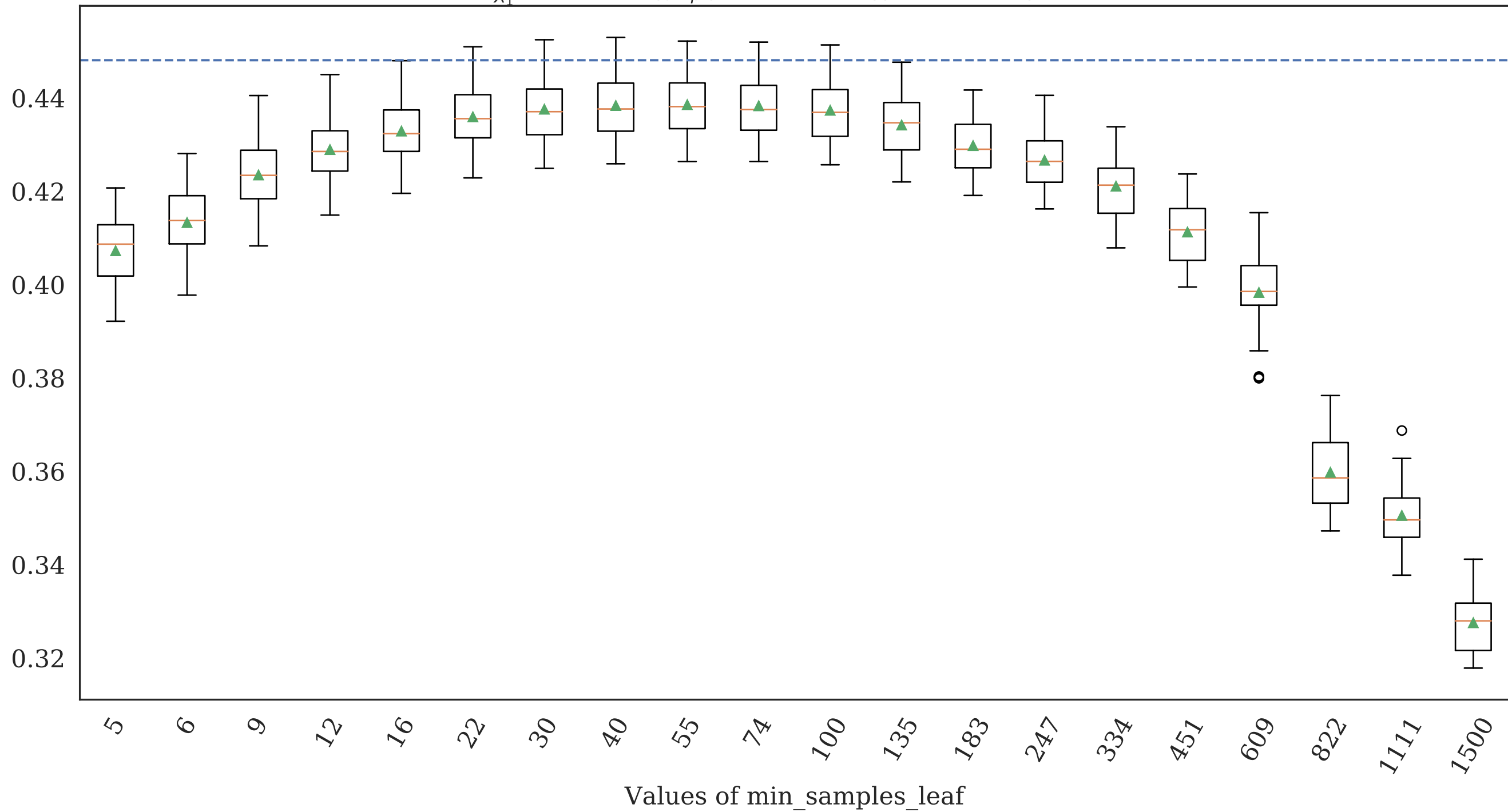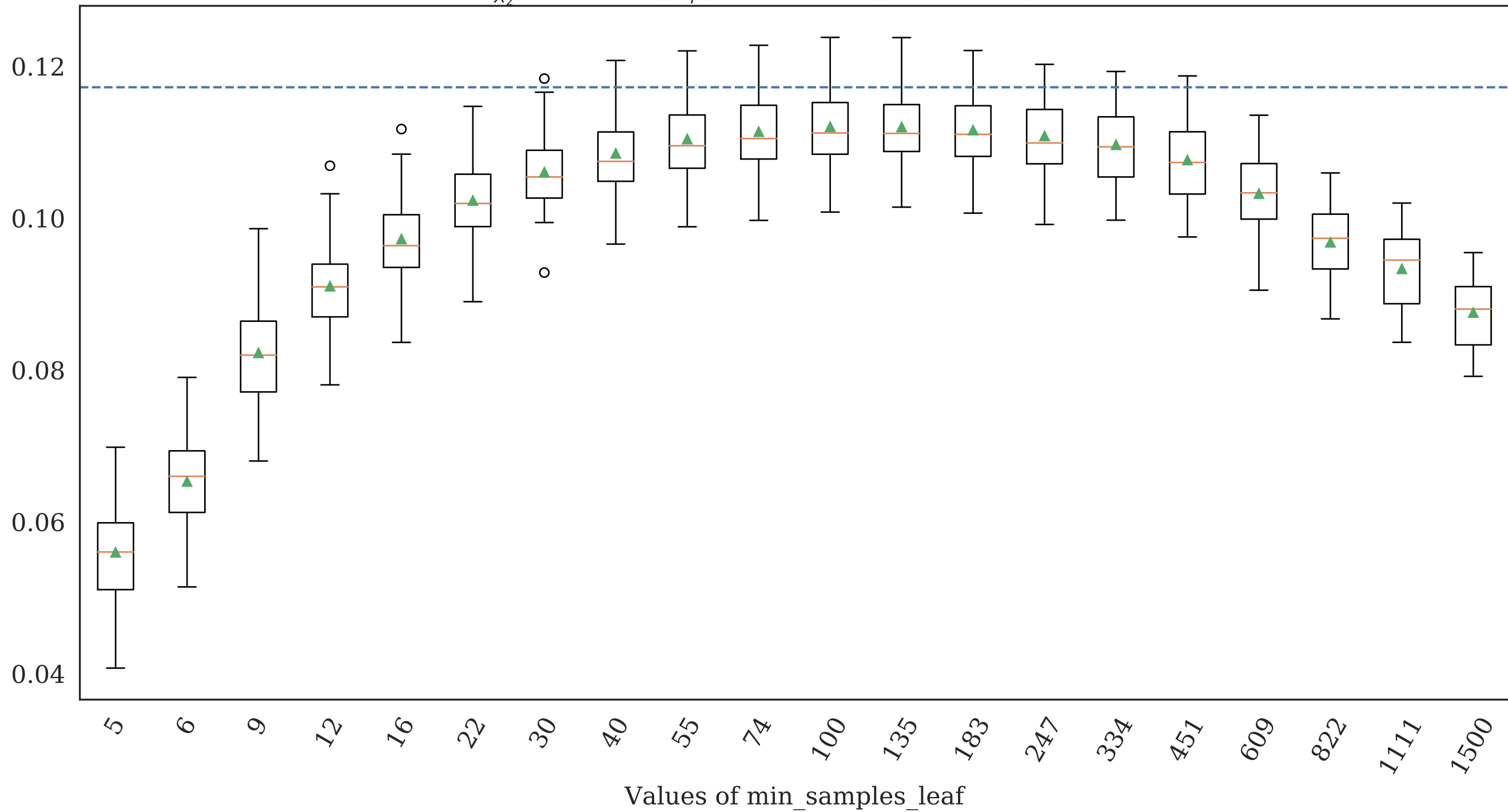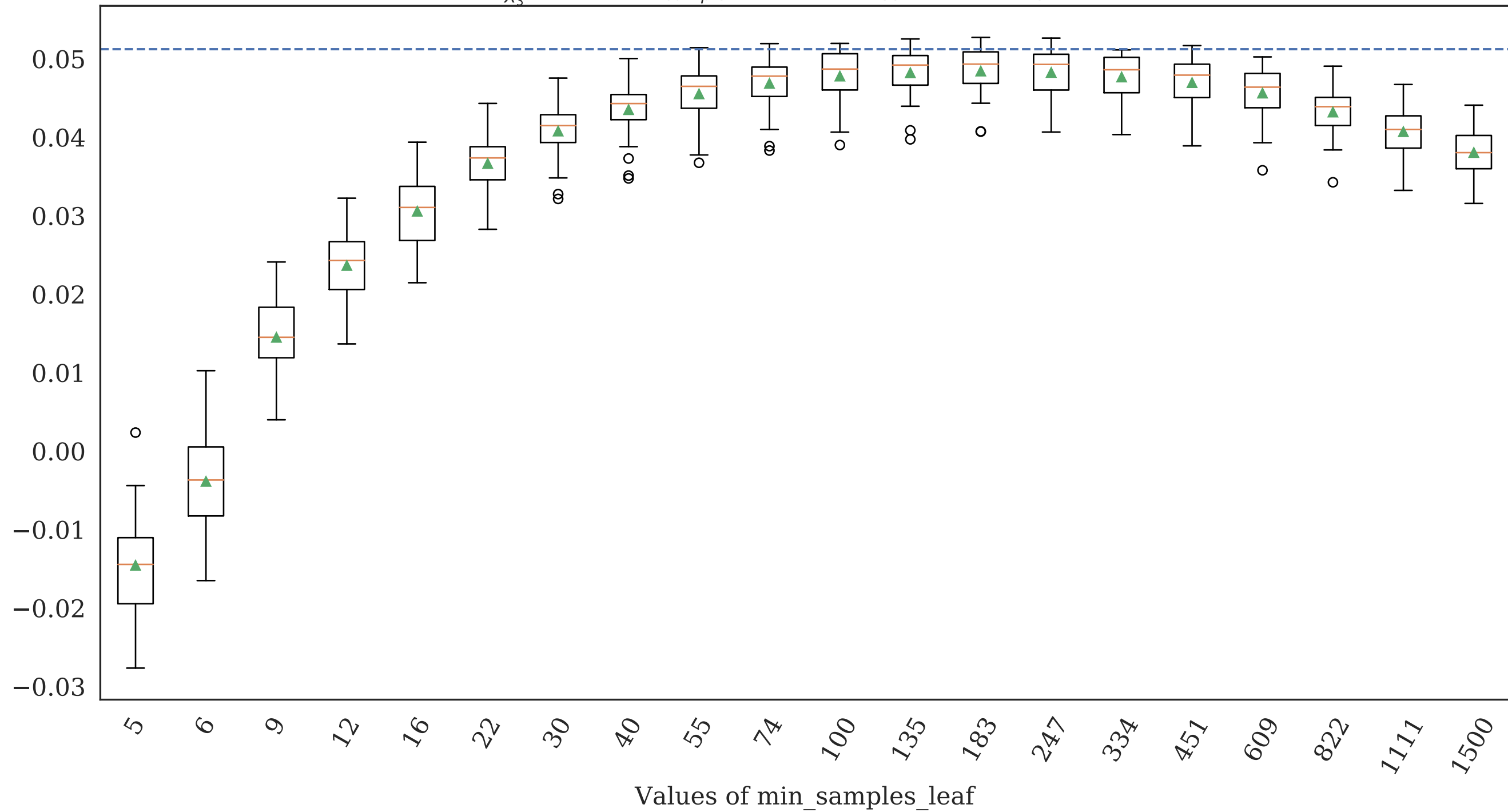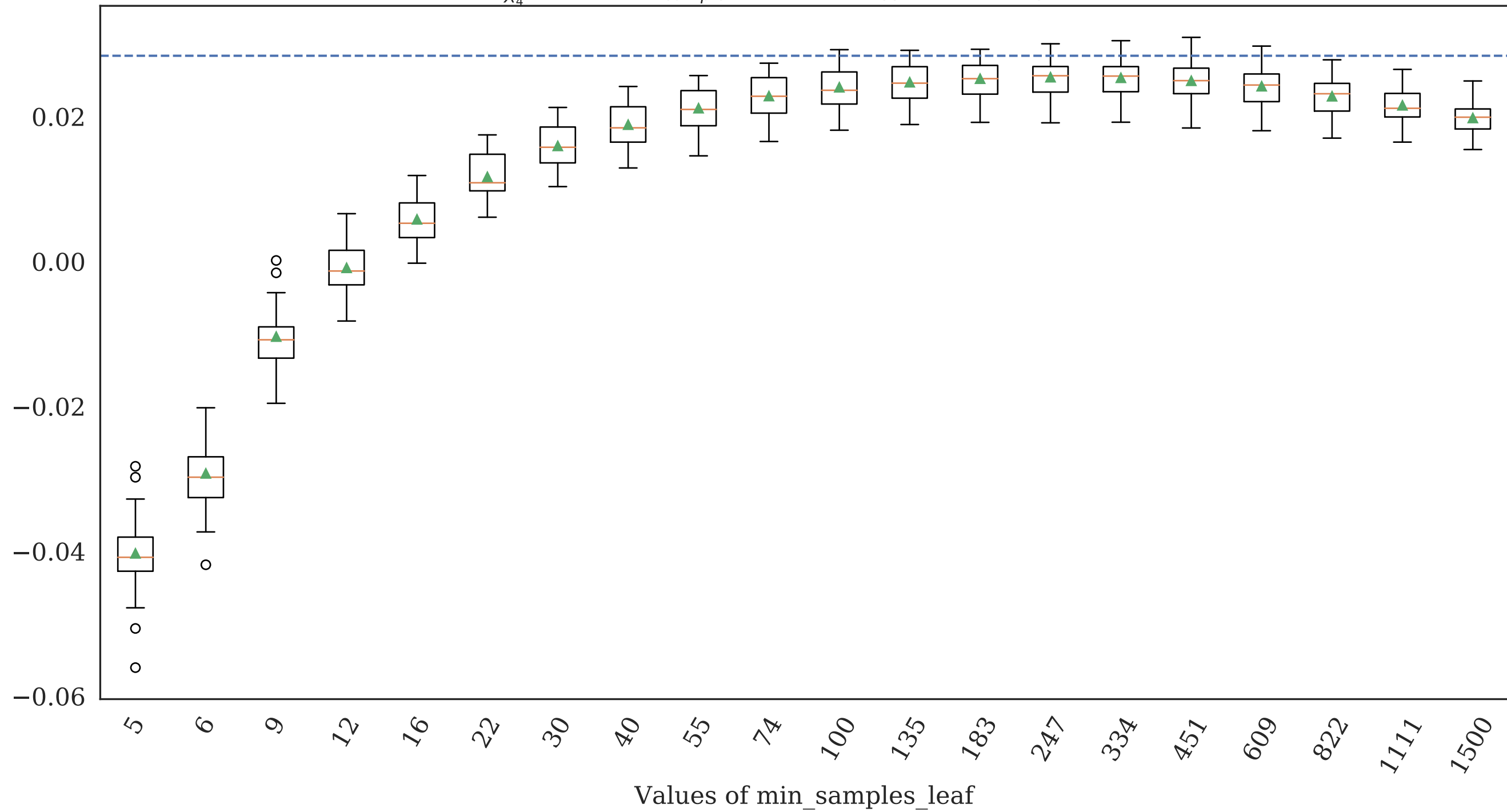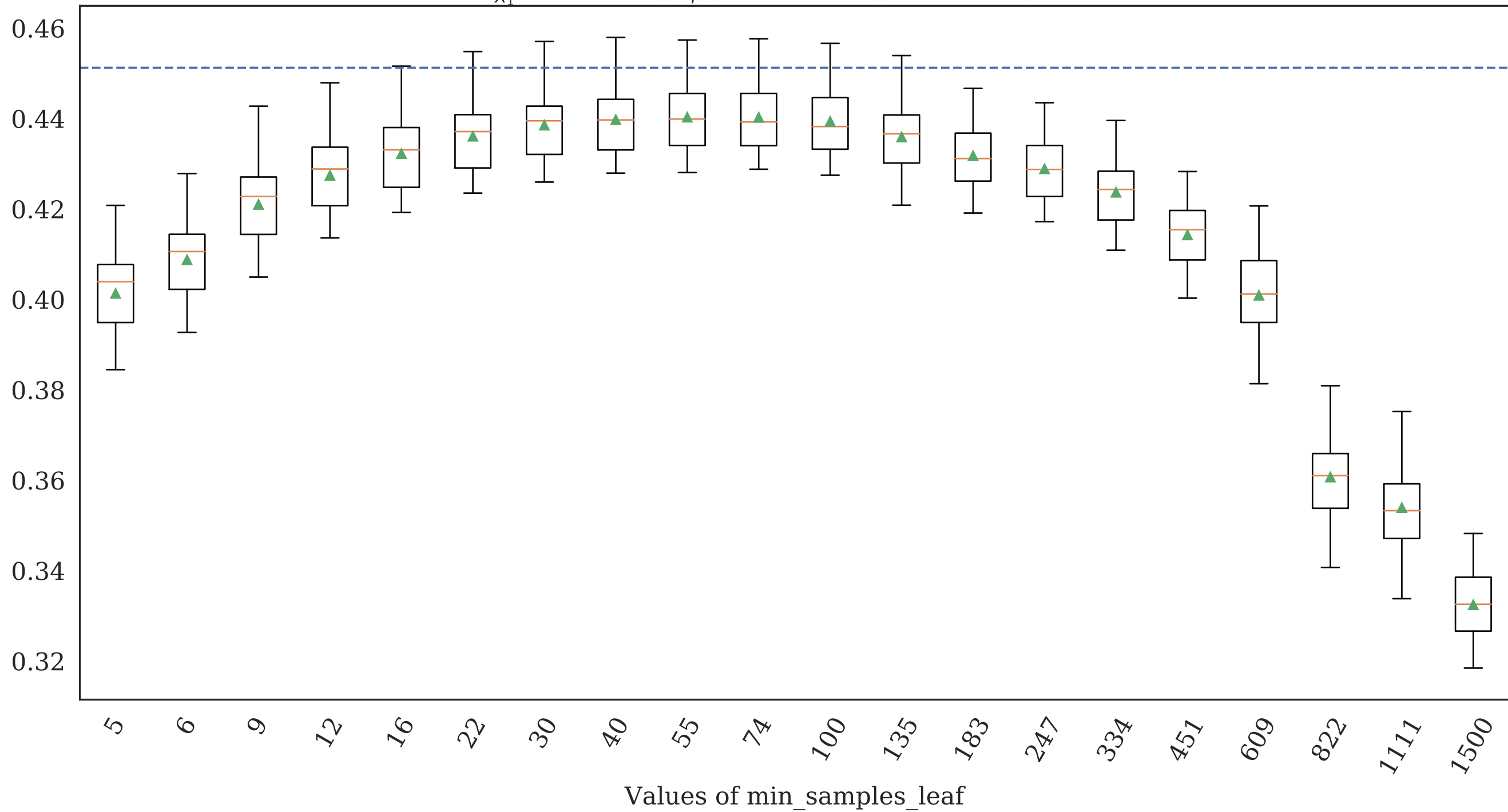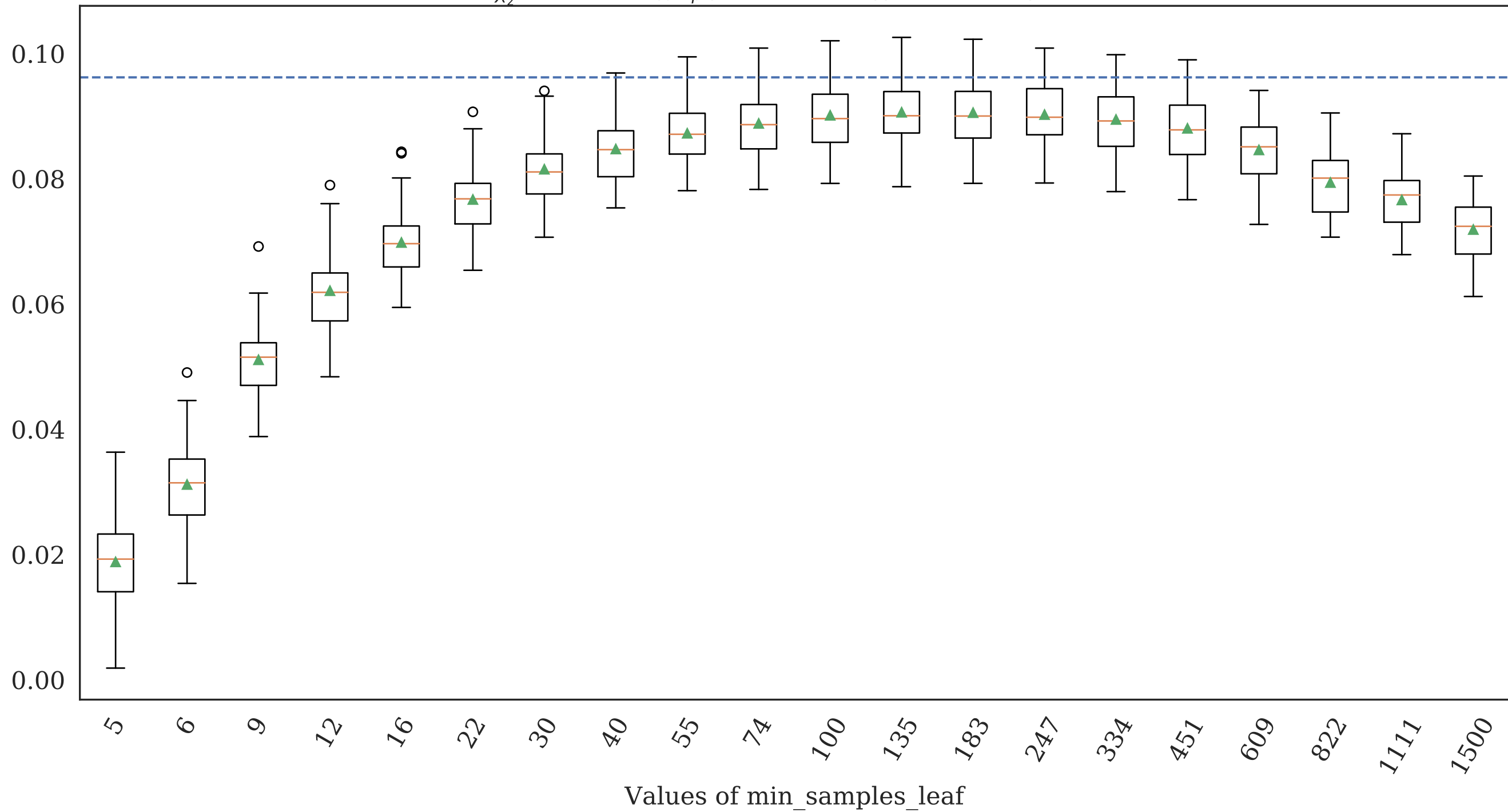$S_{X_1}^{\alpha=0.70}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$
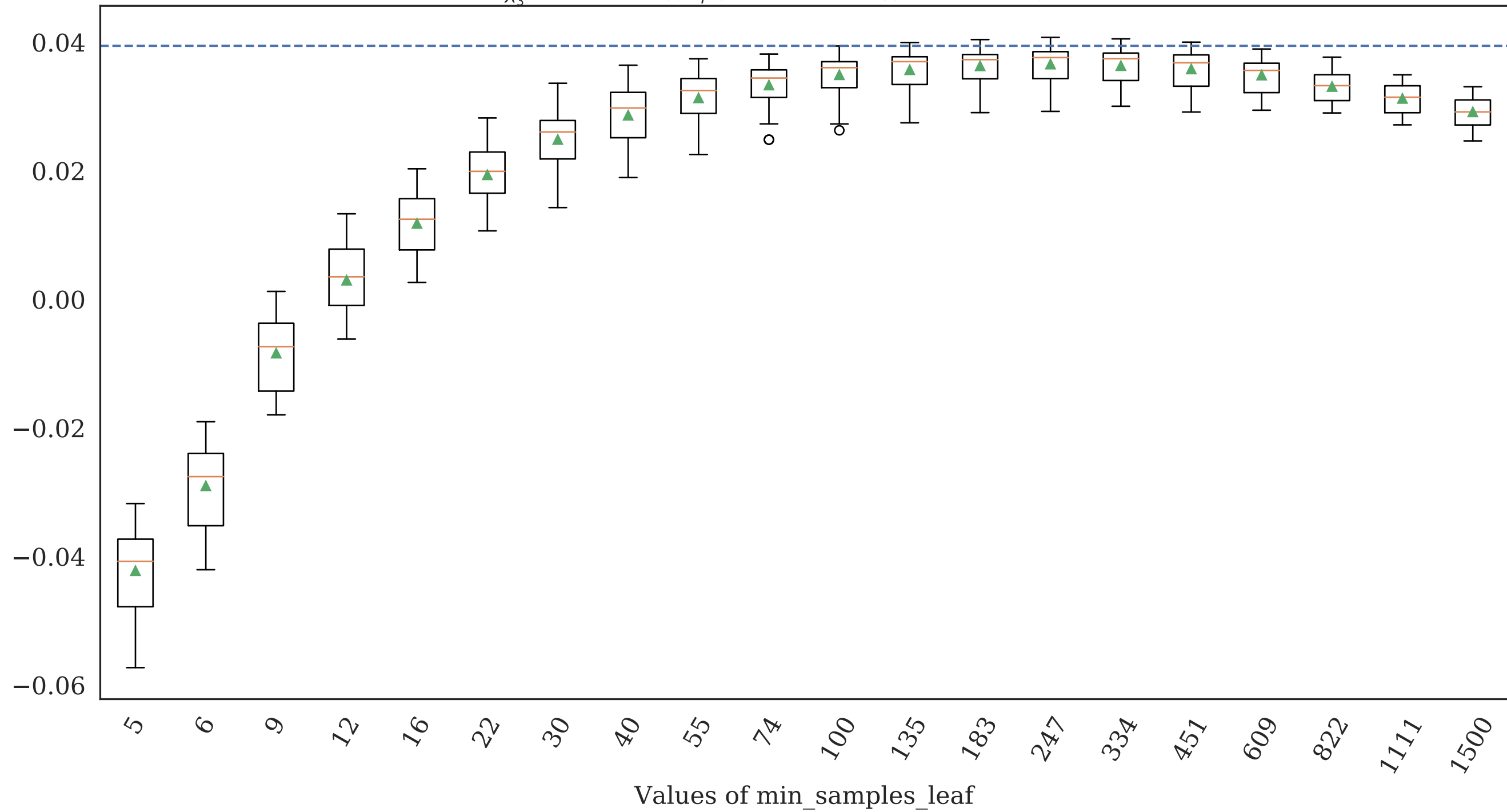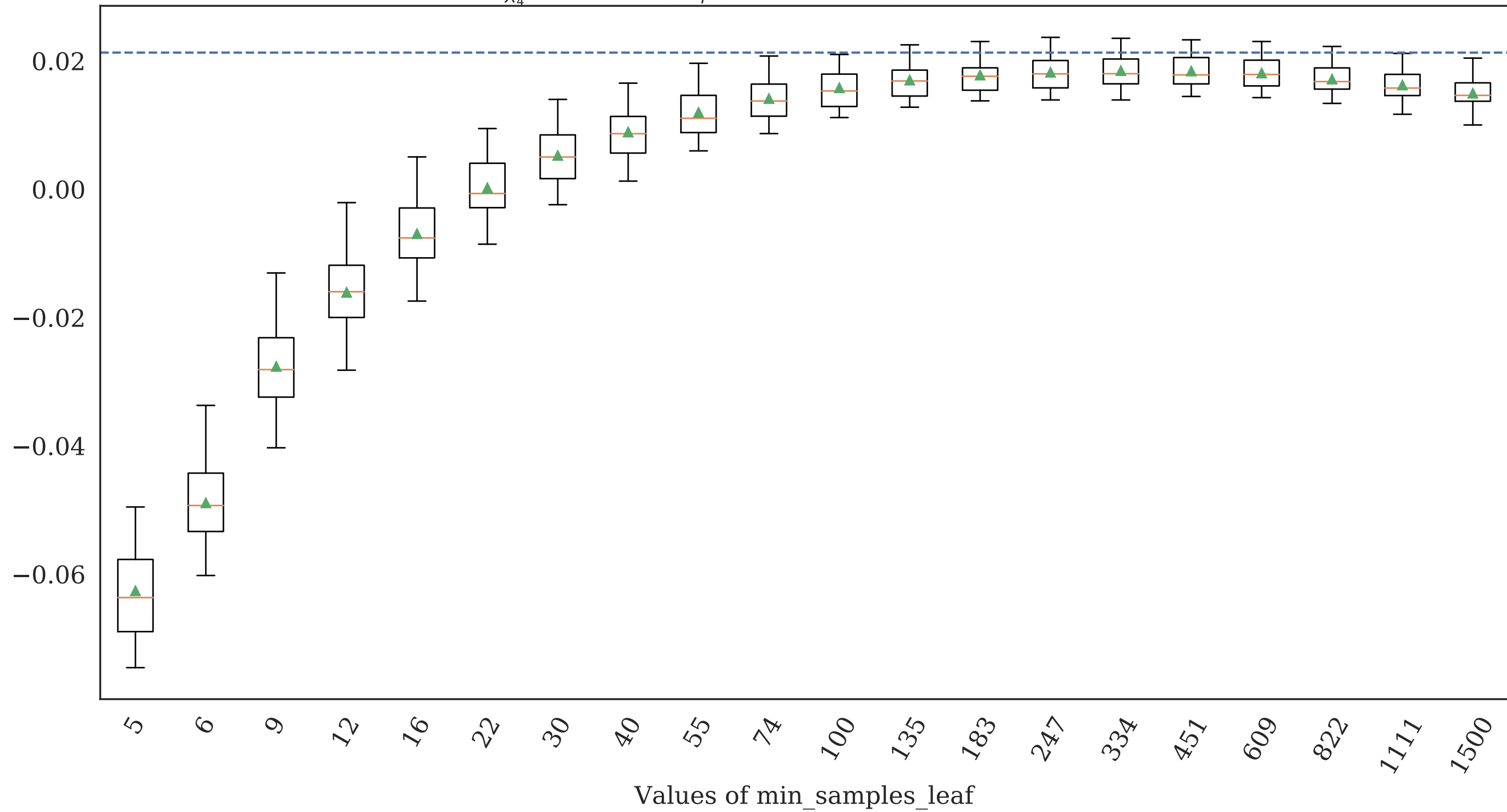
$S_{X_2}^{\alpha=0.70}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

Values of min_samples_leaf

$S_{X_3}^{\alpha = 0.70}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$
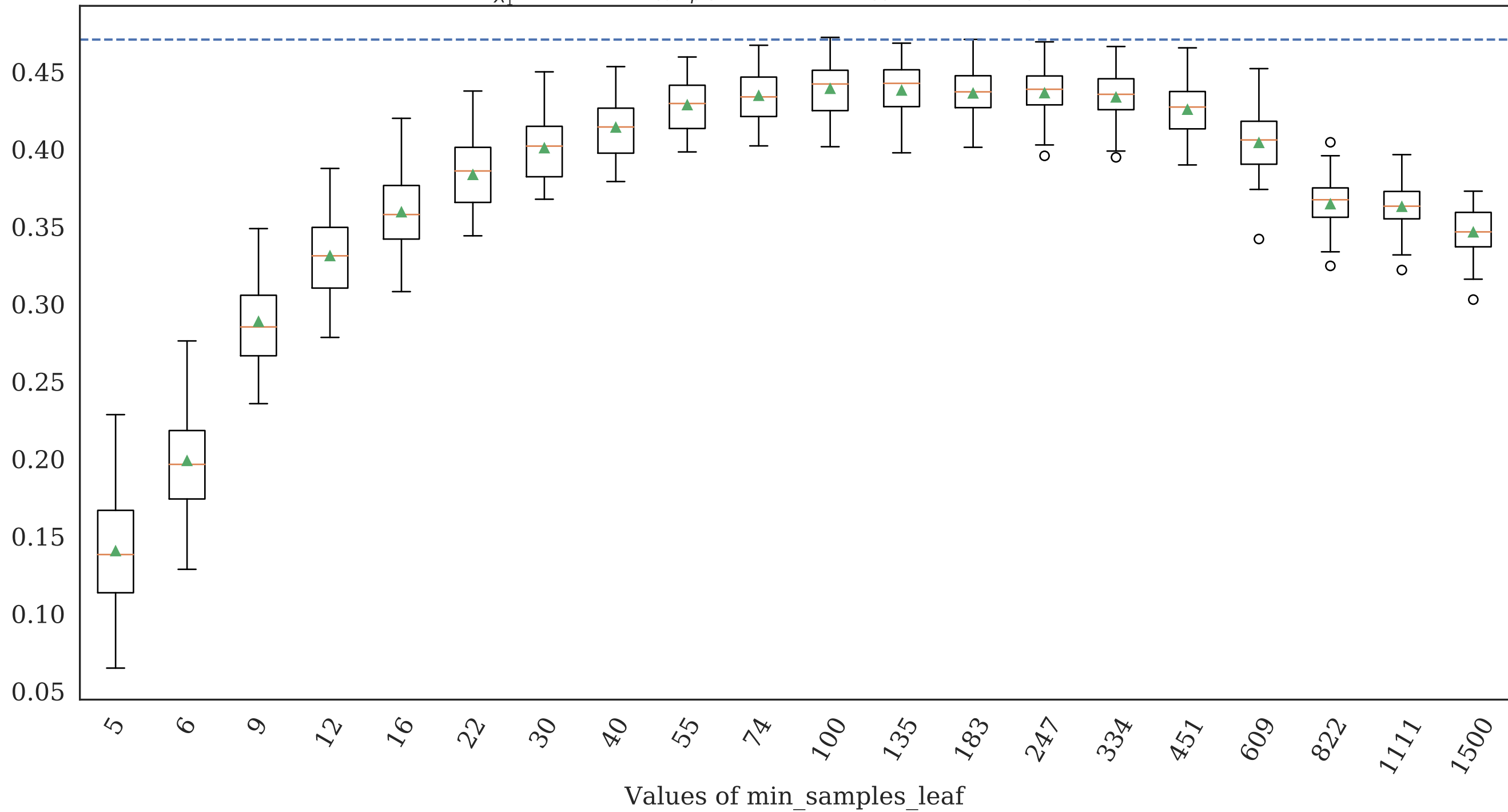
Values of min_samples_leaf

$S_{X_4}^{\alpha=0.70}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

$S_{X_1}^{\alpha=0.99}$ with $N_{sample}=10000, N_{tree}=300, N_{RMSE}=30$

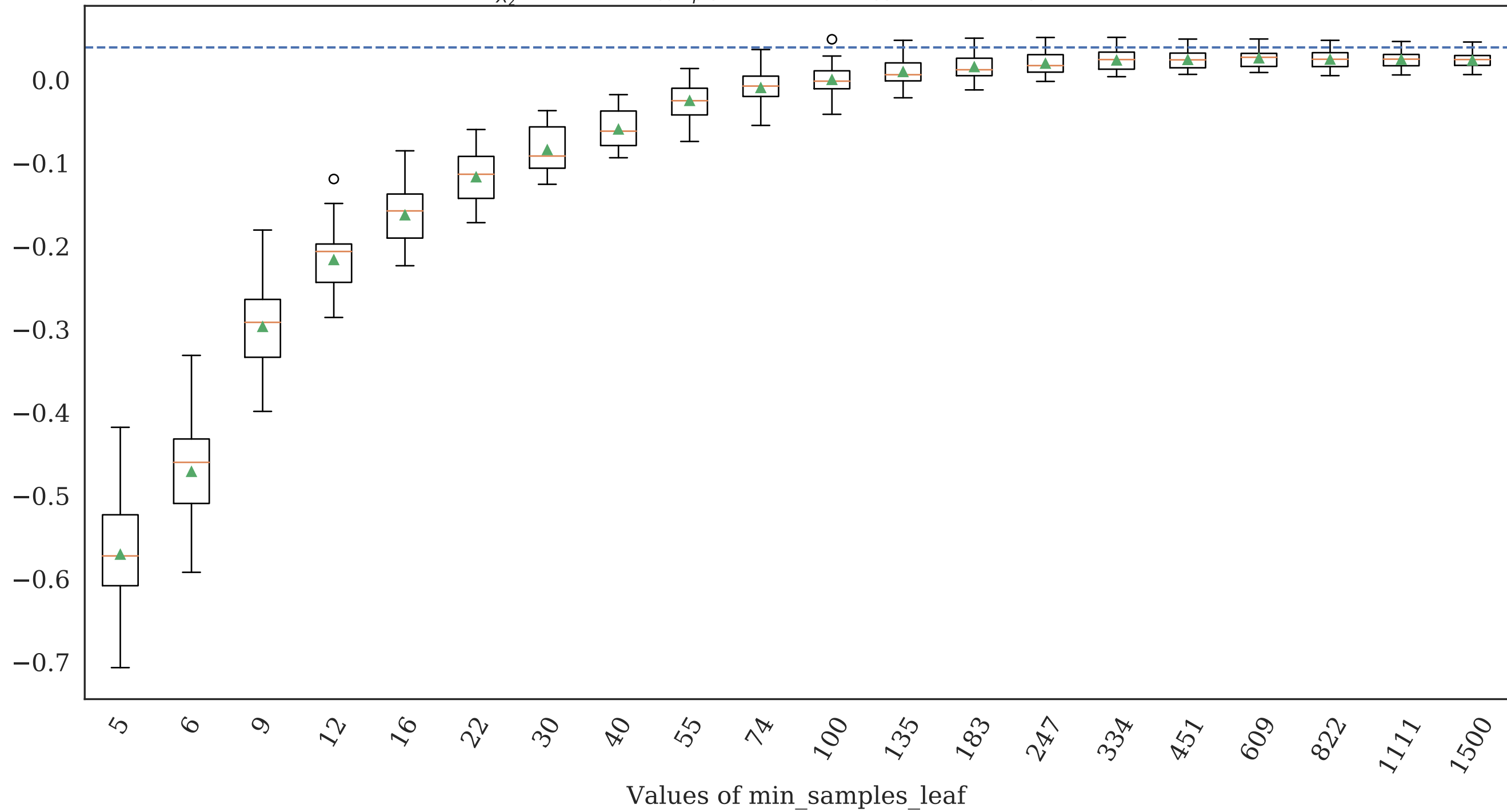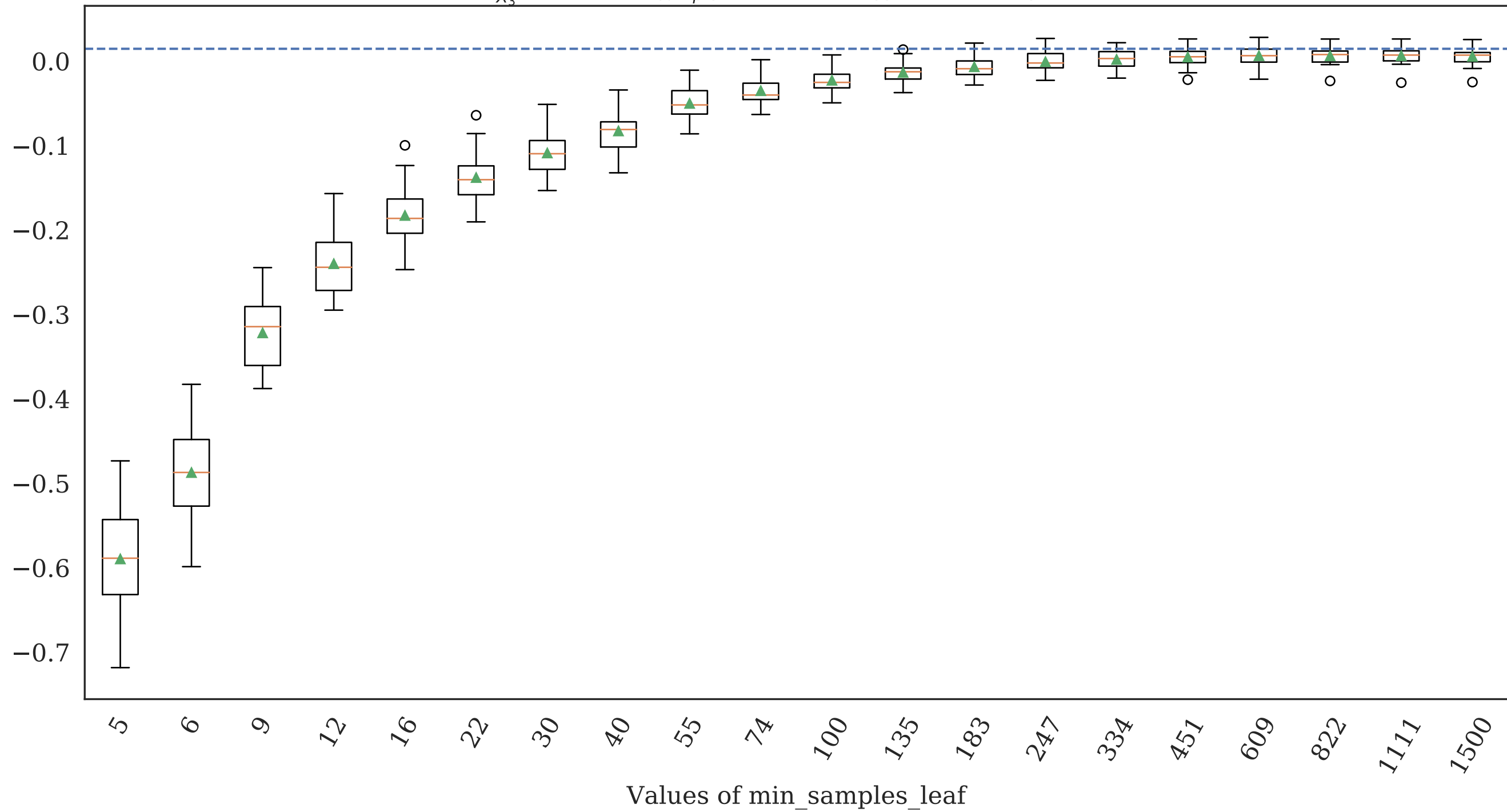Values of min_samples_leaf

$S_{X_2}^{\alpha=0.99}$ with $N_{sample} = 10000, N_{tree} = 300, N_{RMSE} = 30$

Figure: $S_{X_3}^{\alpha=0.99}$ with $N_{sample} = 10000$, $N_{tree} = 300$, $N_{RMSE} = 30$. Boxplot showing the distribution as a function of the Values of min_samples_leaf: 5, 6, 9, 12, 16, 22, 30, 40, 55, 74, 100, 135, 183, 247, 334, 451, 609, 822, 1111, 1500.

$S_{X_4}^{\alpha=0.99}$ with $N_{sample}=10000$, $N_{tree}=300$, $N_{RMSE}=30$