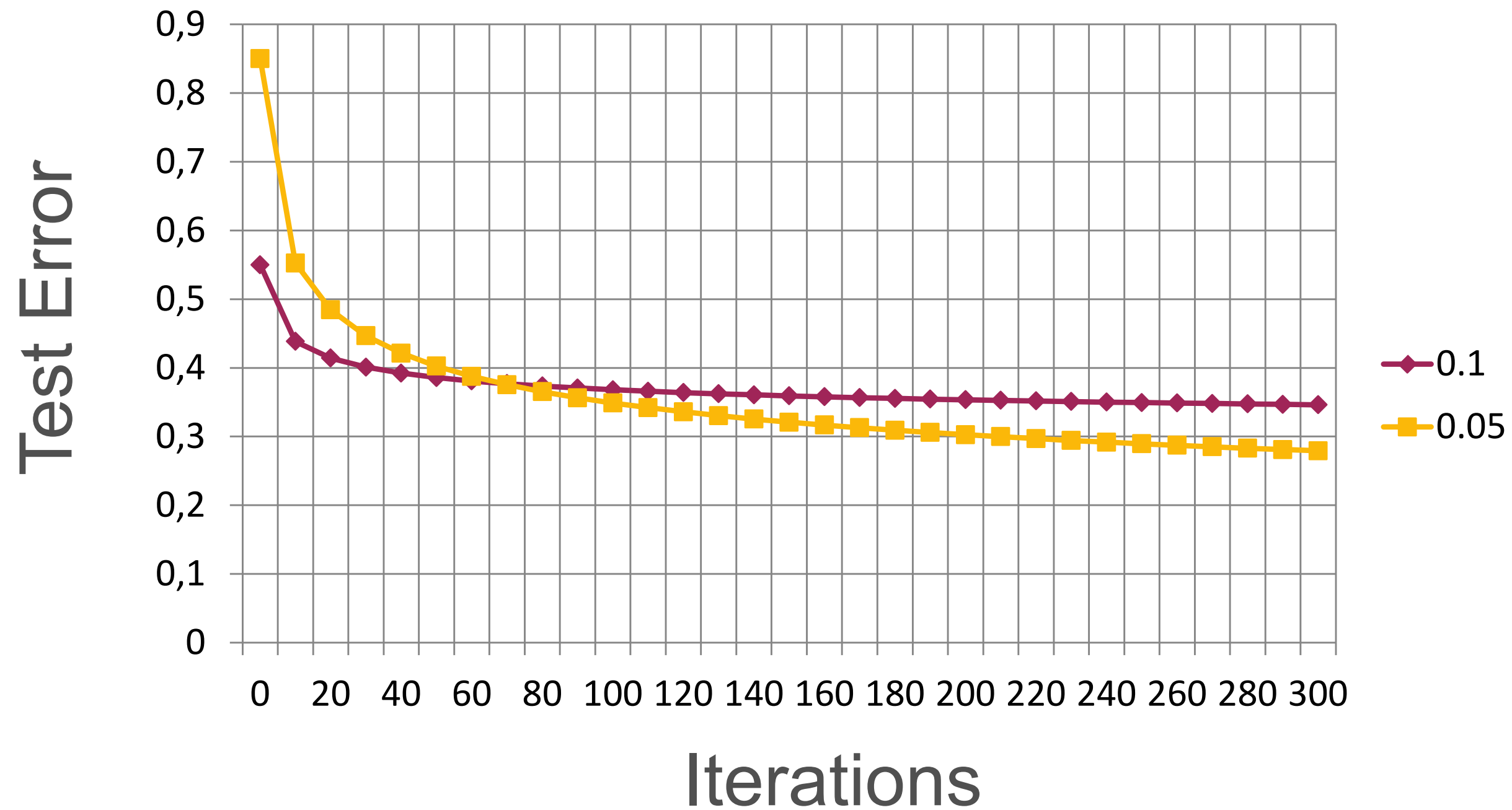


Usage Tips & Summary

Usage Tips

ν - regularization (learningRate), recommended ≤ 0.1



Usage Tips

- ▶ **learningRate**, recommended ≤ 0.1
- ▶ The bigger your dataset is – the larger **numIterations** should be
- ▶ **numIterations** – from several hundreds to several thousands
- ▶ Large number of features – increase **maxDepth** (from 3 to 10)

Summary

- ▶ **Gradient Boosted Decision Trees** is a best method for a general purpose classification/regression problems
- ▶ Automatically handling interactions of features
- ▶ Computational scalability
- ▶ Predictive power
- ▶ **Interpretability**