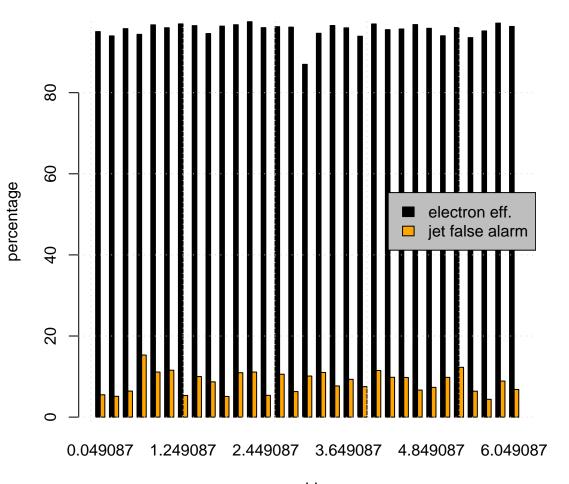Efficiency analysis for the train set