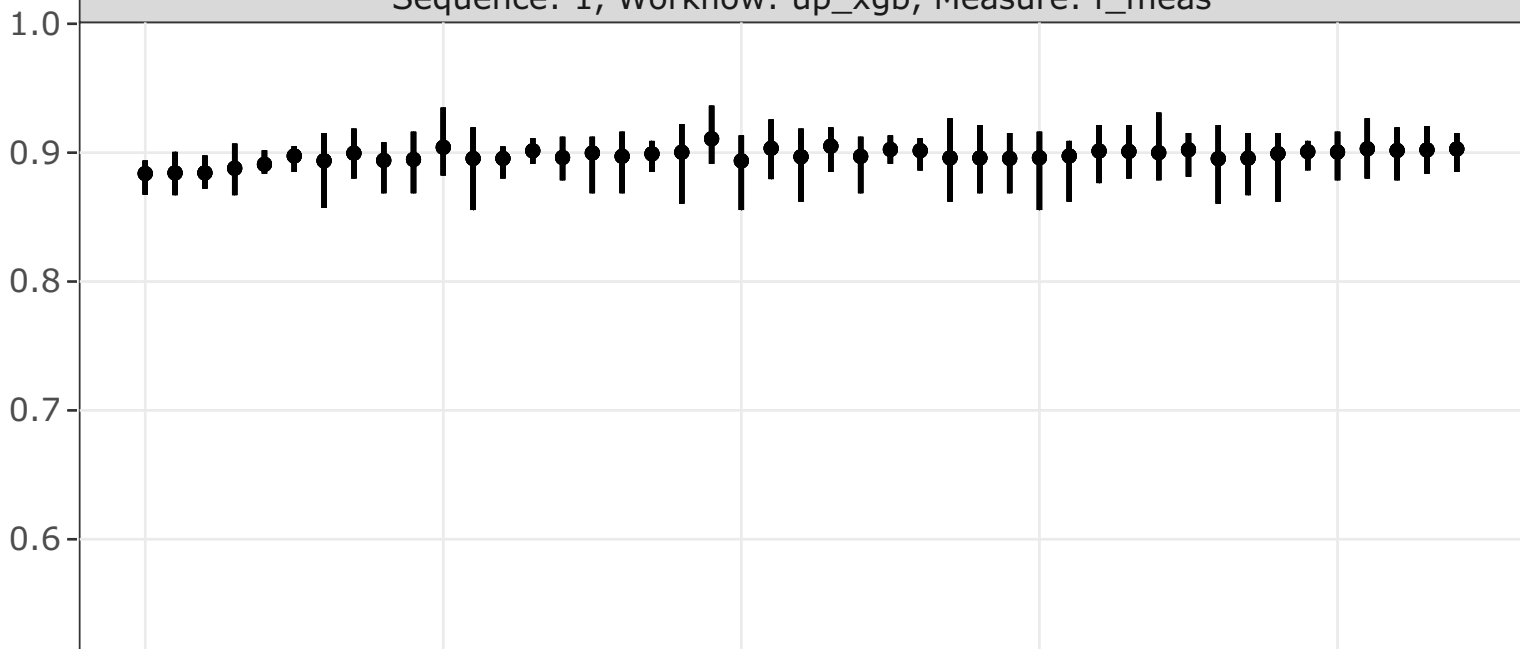Gene Optimziation for 2-STEP Classifier