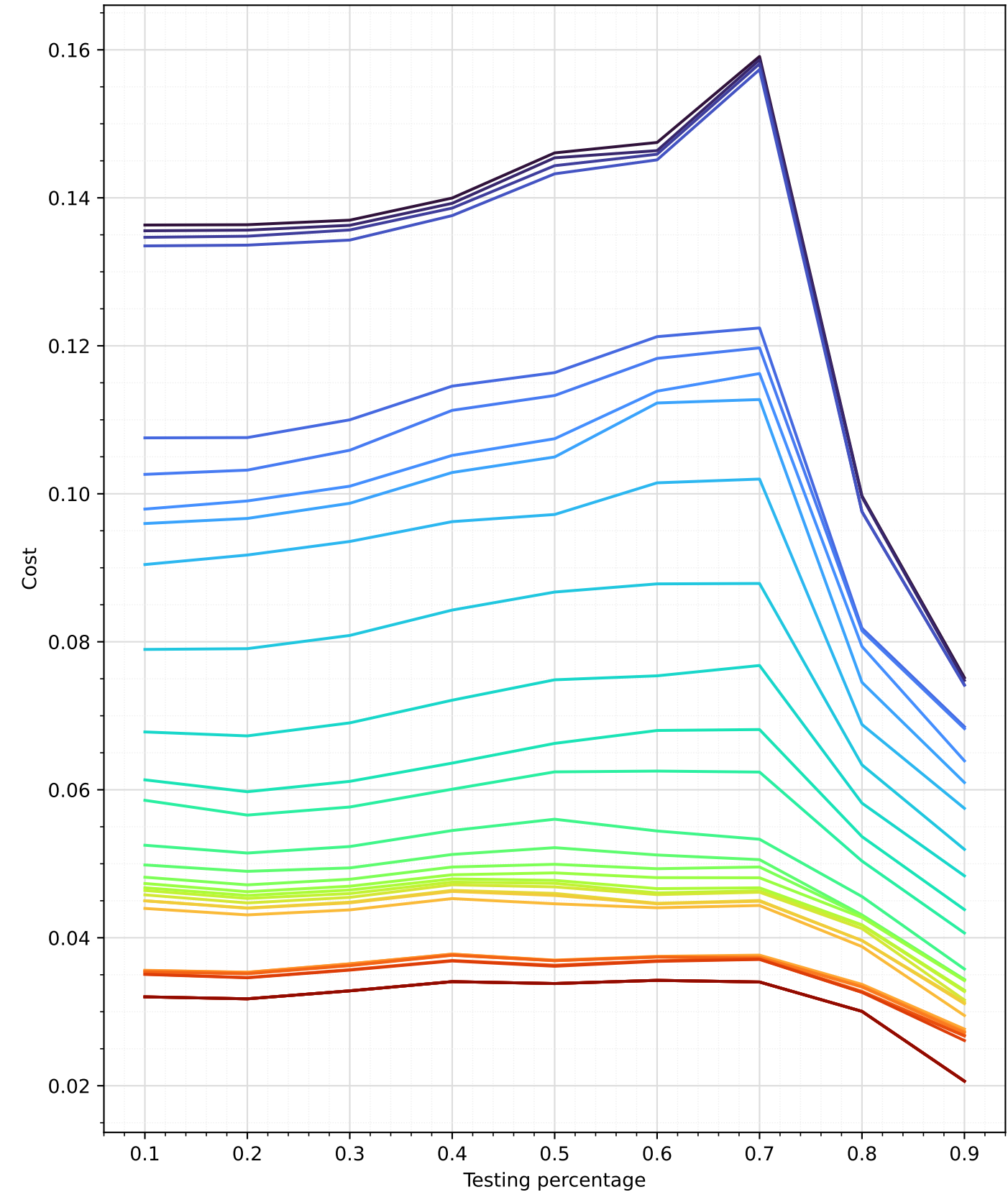
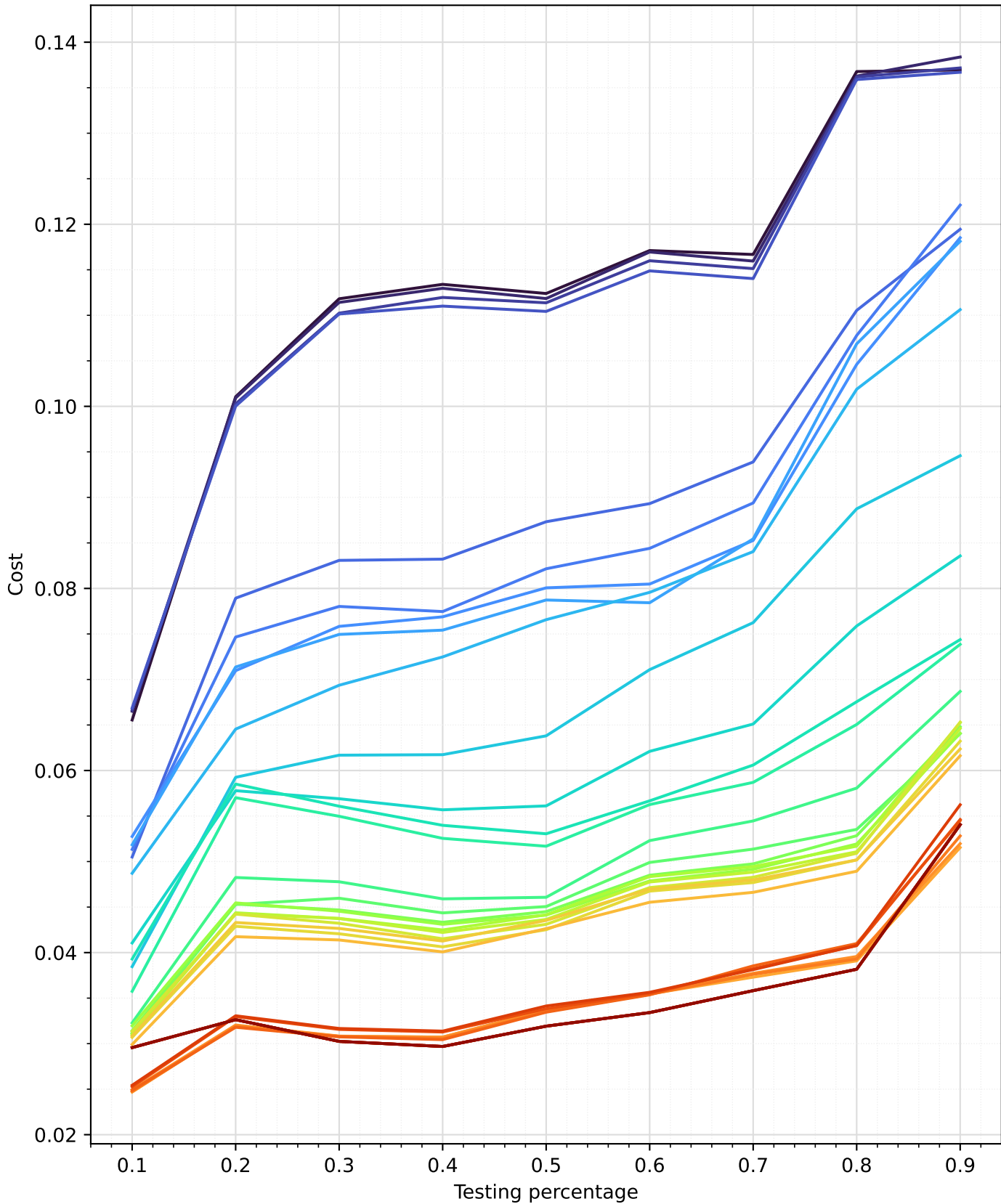


Cost of the training/testing data with respect to the percentage of testing data. Different colors represent different numbers of features included in the training (starting from the most correlated one alone and adding other features one by one). This was done for analytic linear regression.

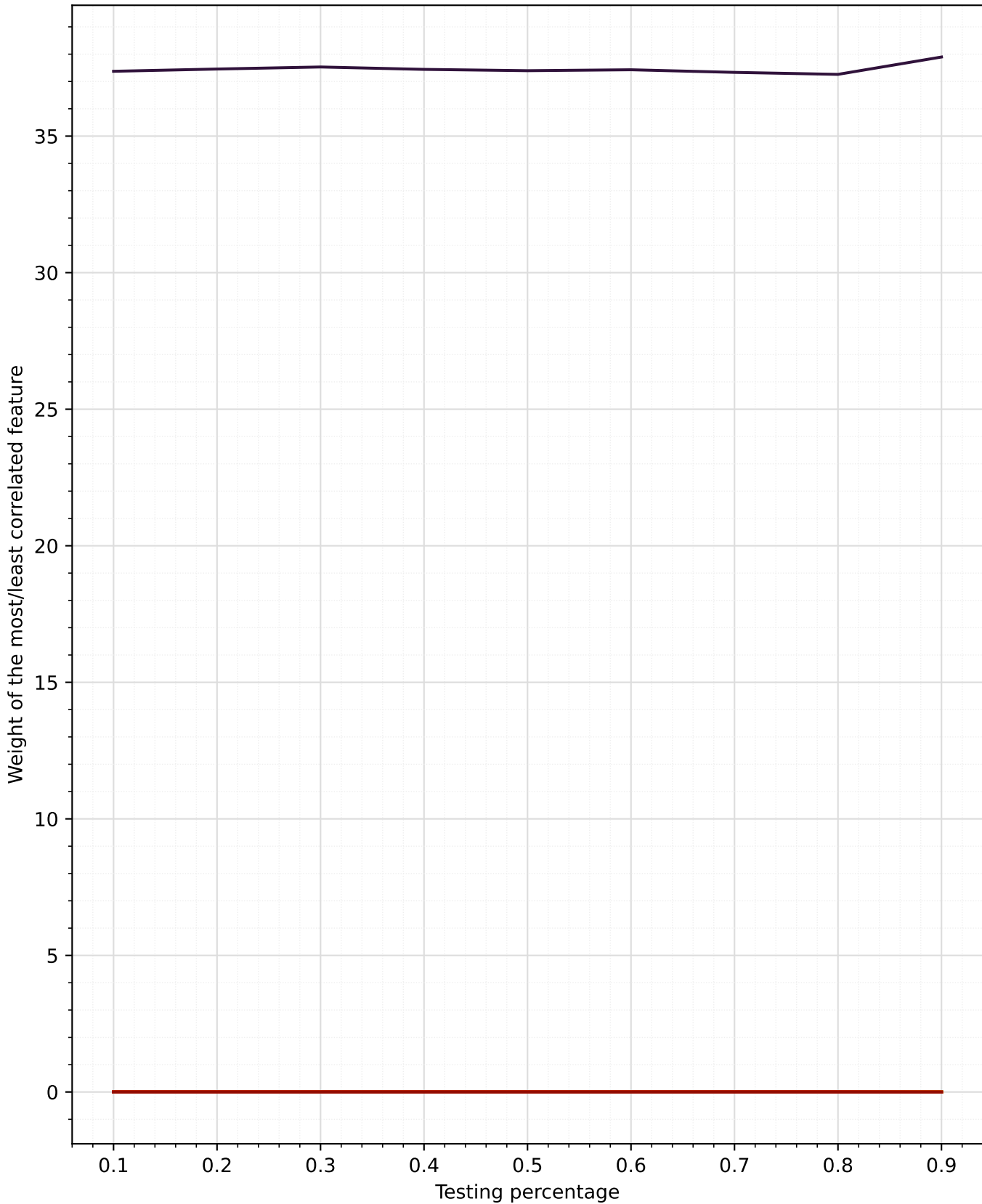
Train figure of merit plot



Testing figure of merit plot

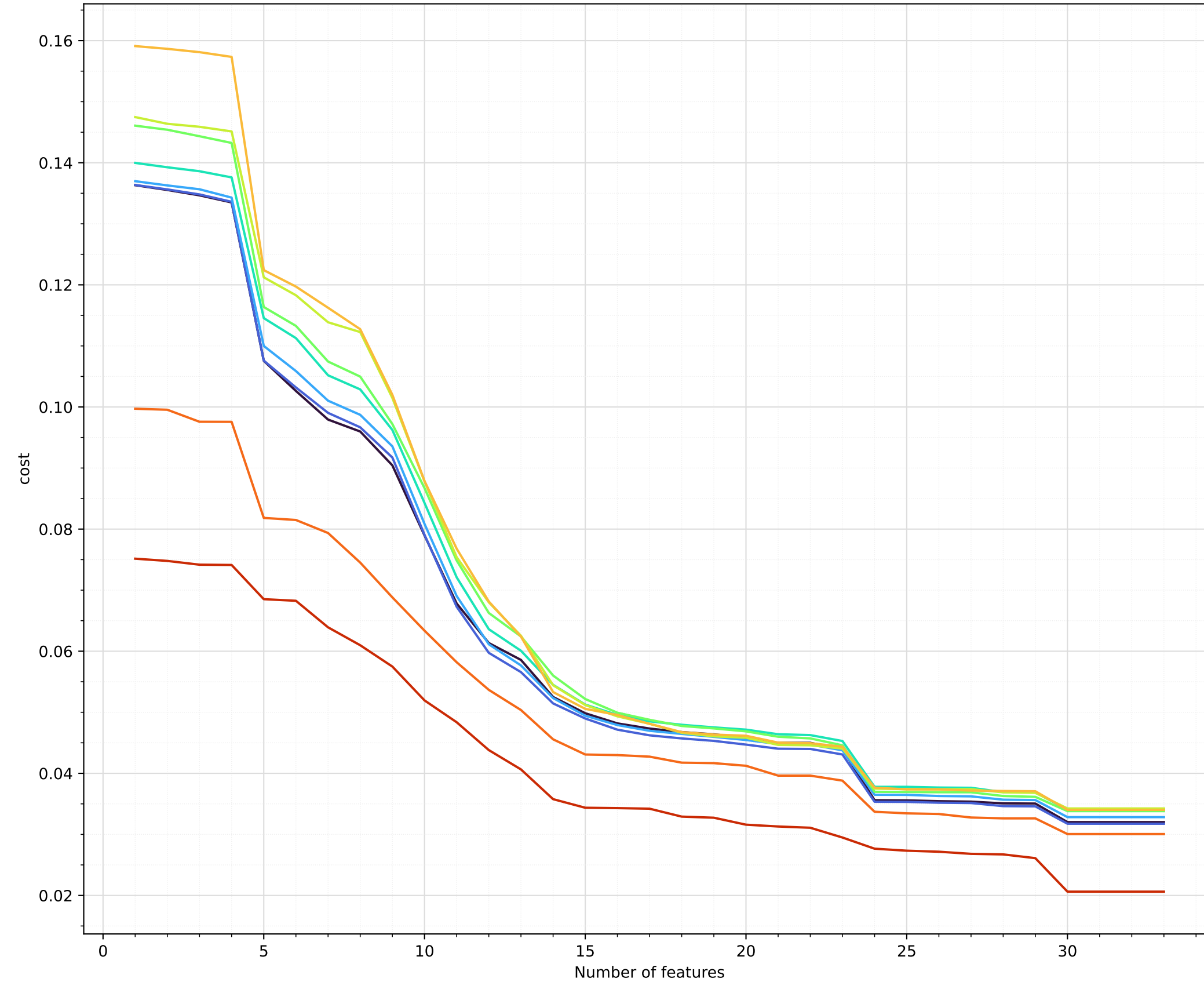


Weight plot

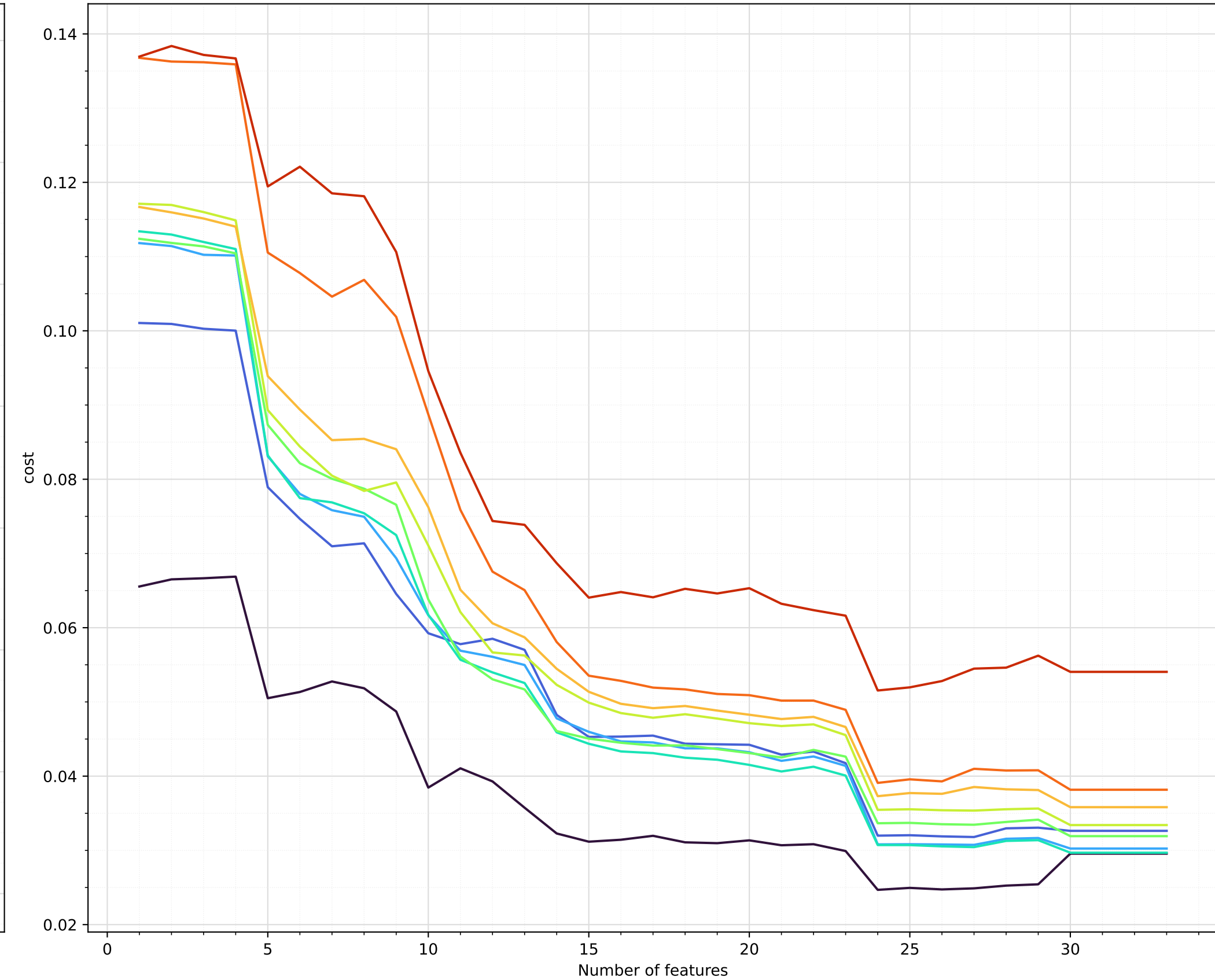


Cost of the training/testing data with respect to the number of features included in the training.  
Different colors represent different percentages of testing data. This was done for analytic  
linear regression.

Train figure of merit plot

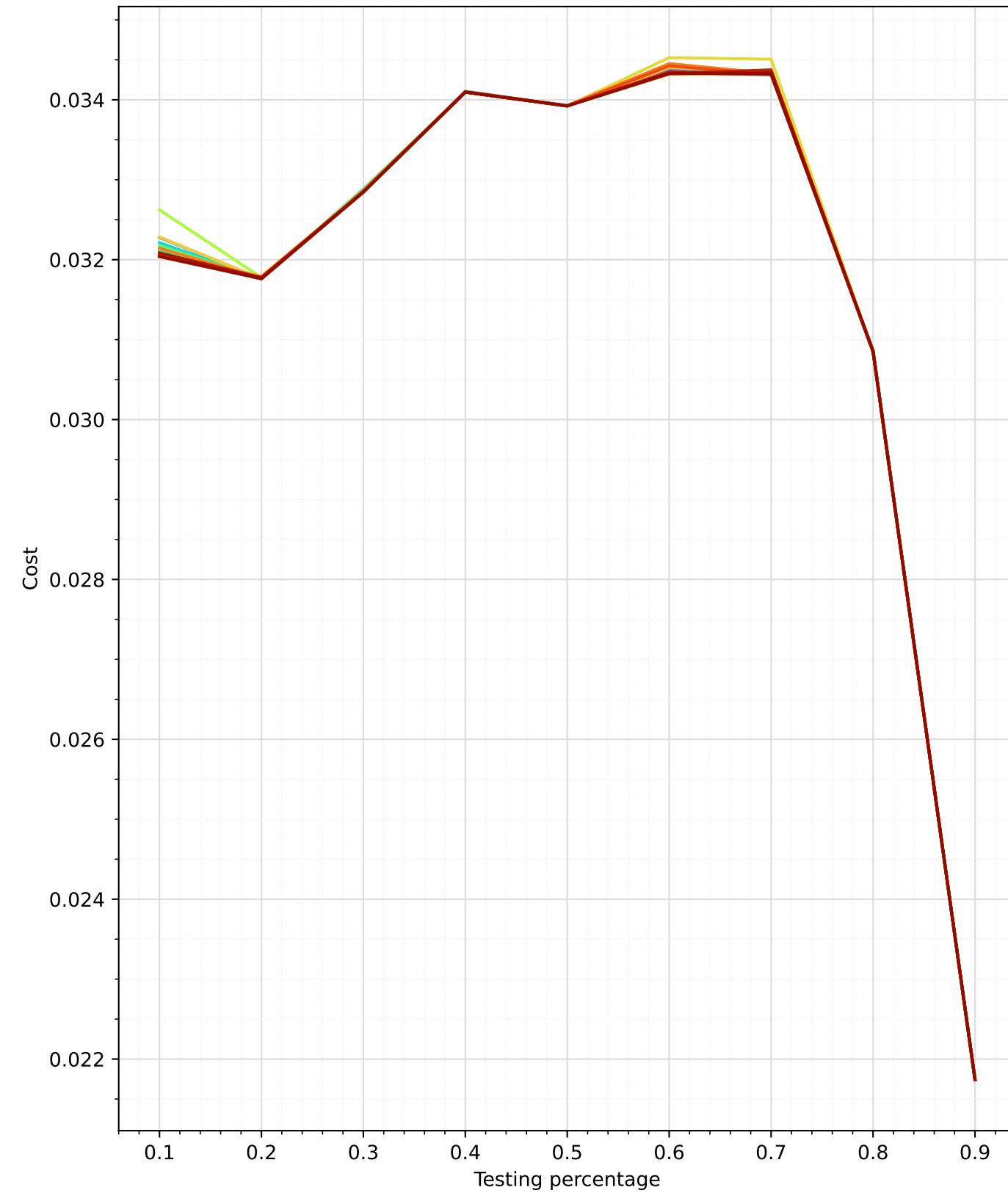


Testing figure of merit plot

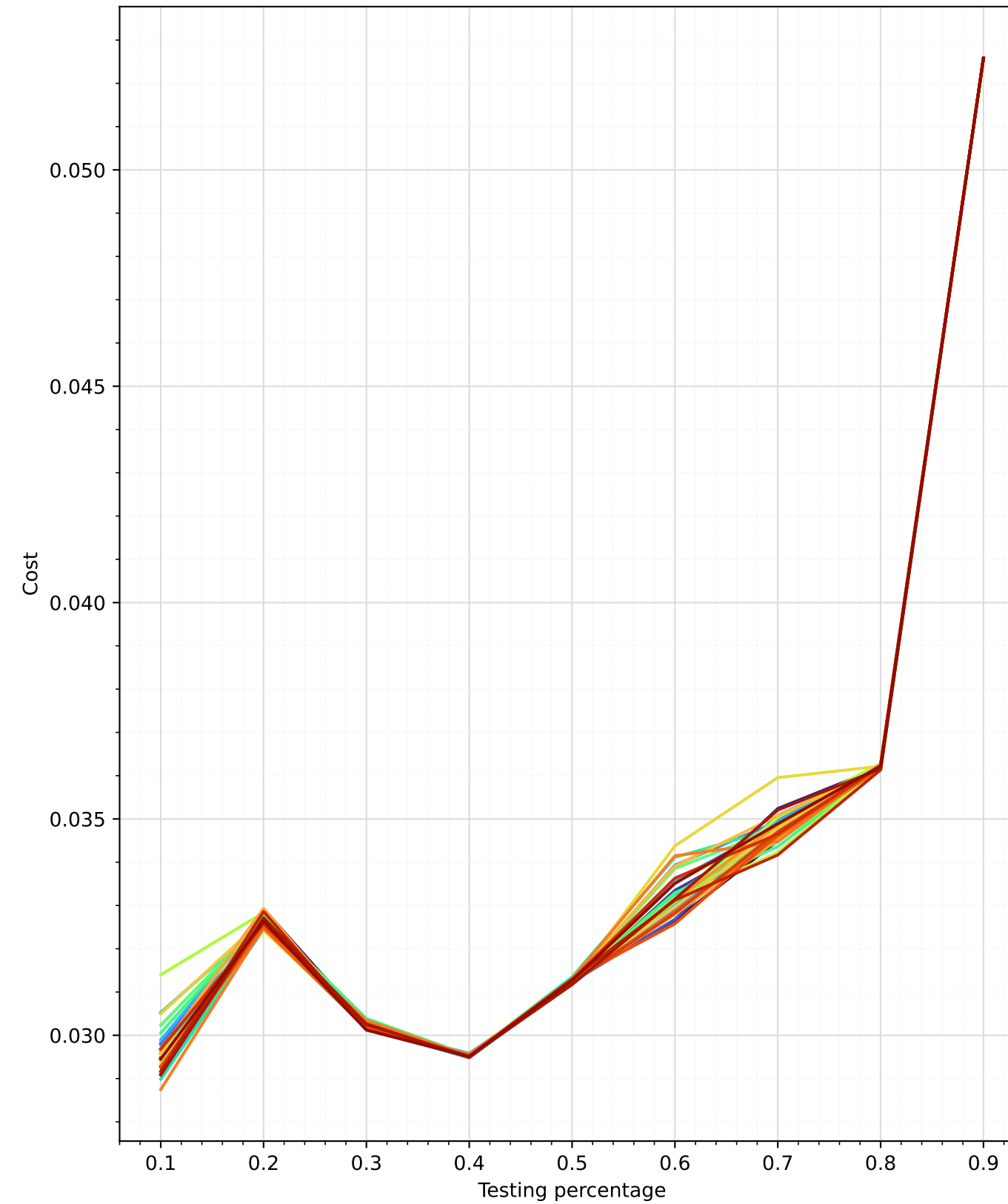


Cost of the training/testing data with respect to the percentage of testing data. Different colors represent different numbers of features included in the training (starting from the most correlated one alone and adding other features one by one). This was done for the mini batch stochastic gradient descent for linear regression with a learning rate of 0.01, mini batch size of 128, and number of epochs 75000.

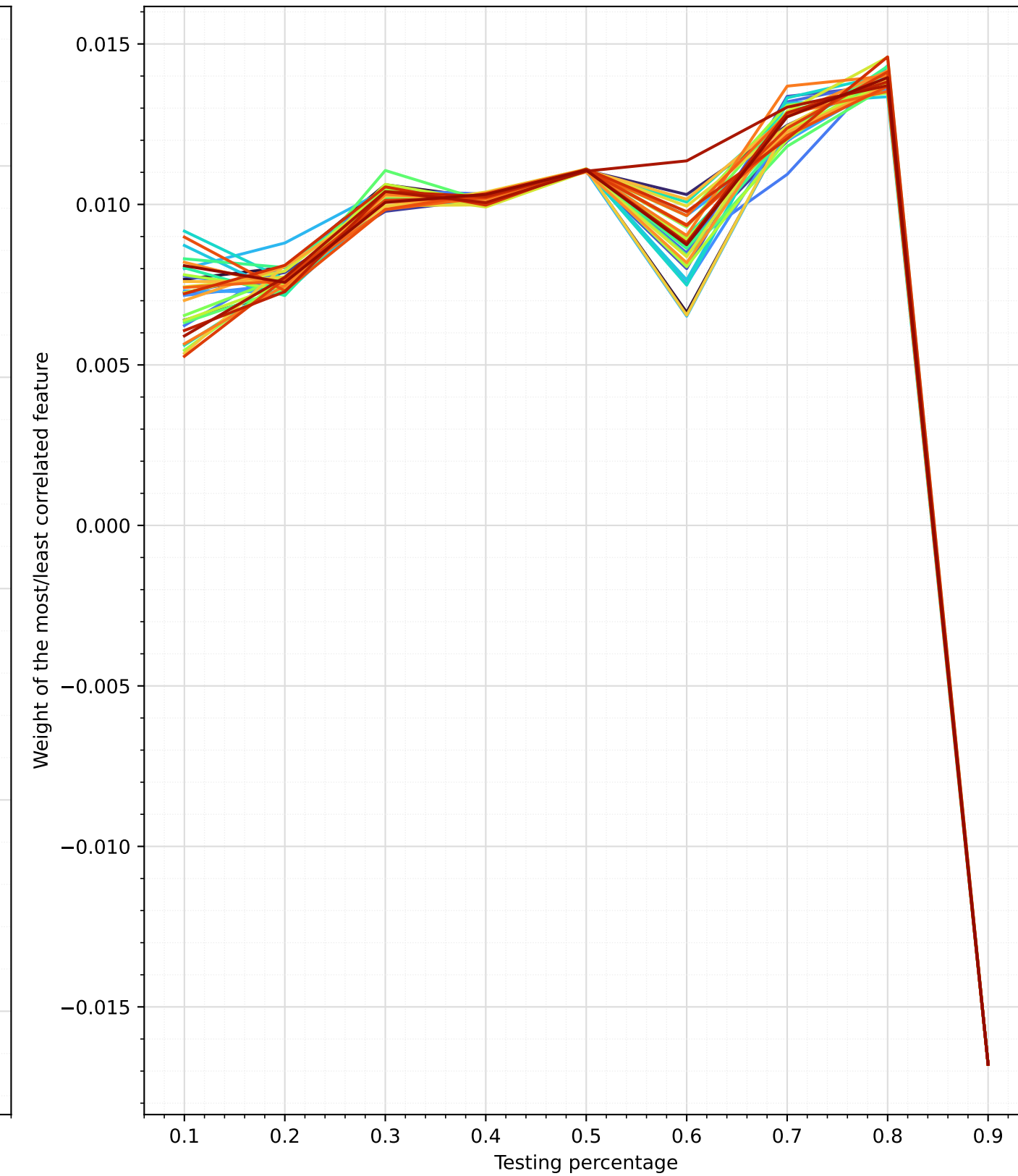
Train figure of merit plot



Testing figure of merit plot



Weight plot

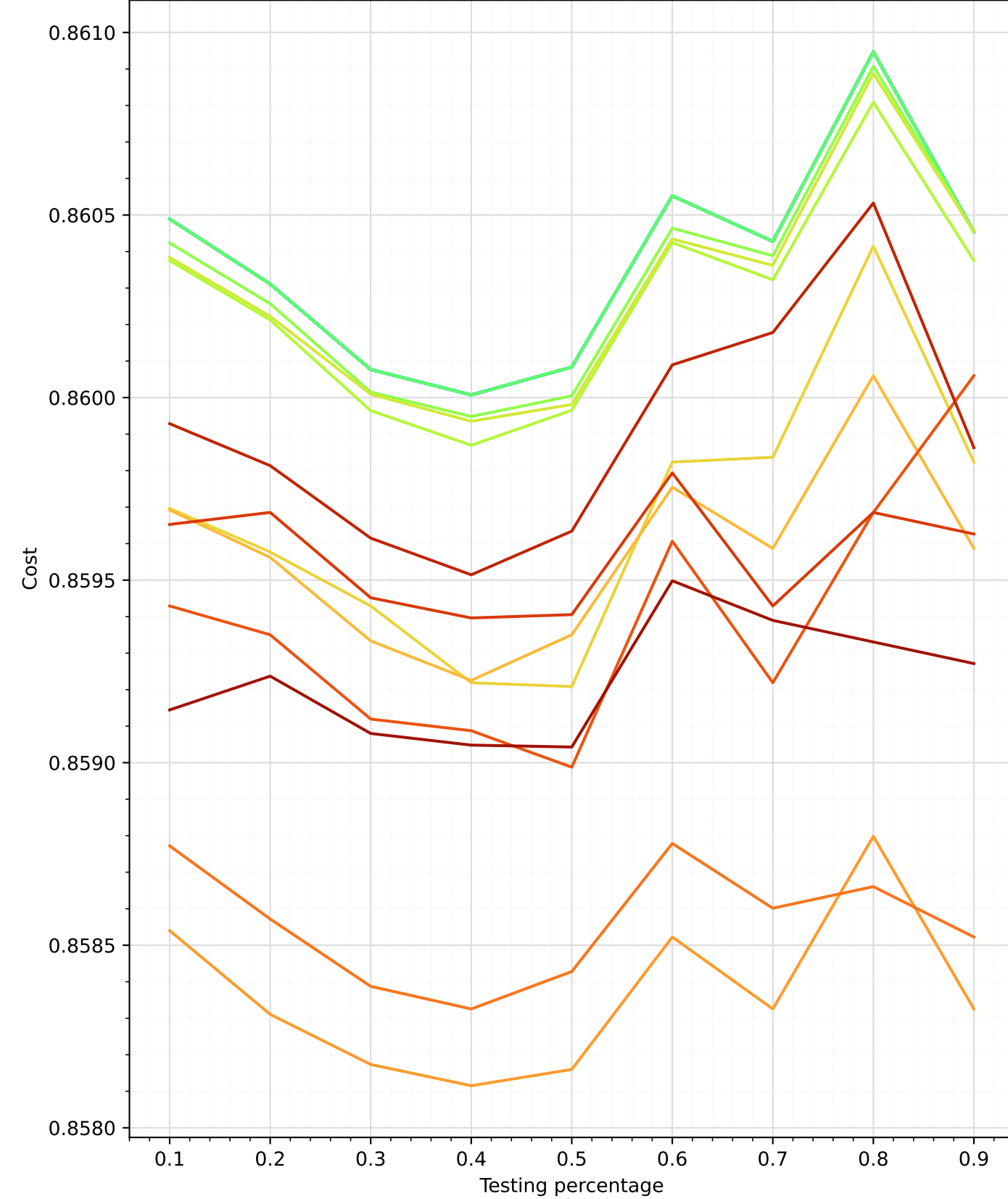




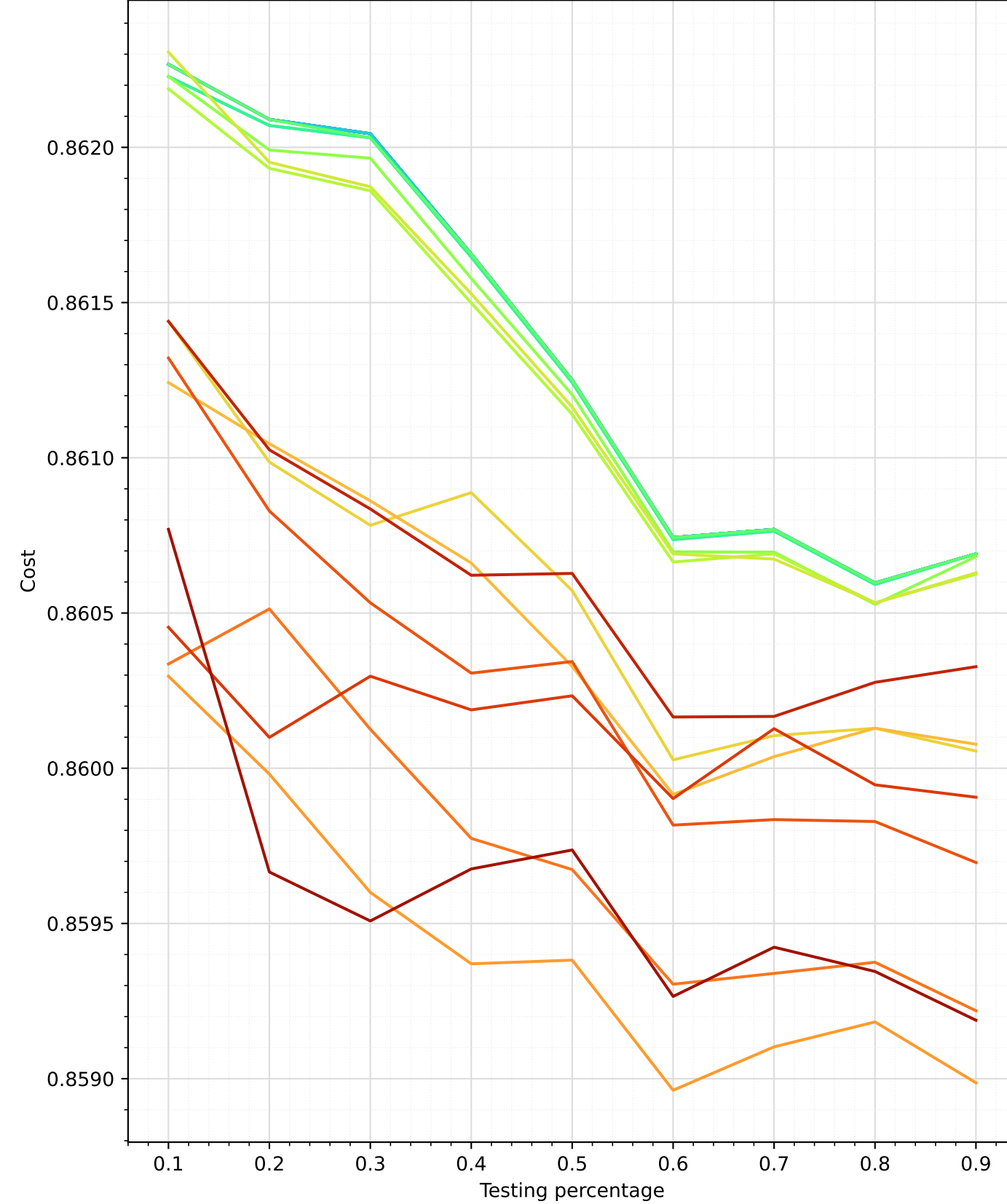


Cost of the training/testing data with respect to the percentage of testing data. Different colors represent different numbers of features included in the training (starting from the most correlated one alone and adding other features one by one). This was done for the full batch logistic regression with a learning rate of 0.01 with 5000 iterations.

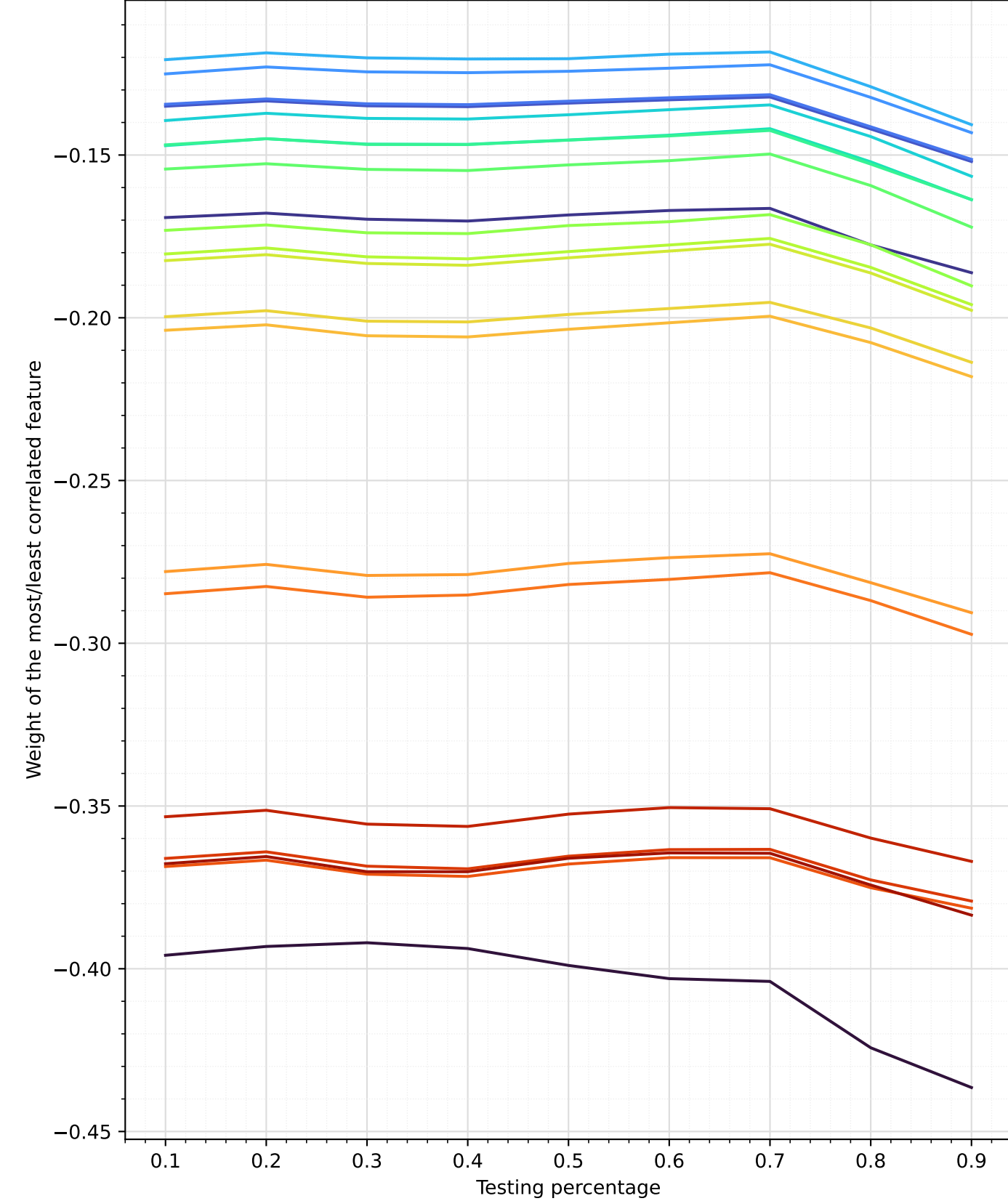
Train figure of merit plot



Testing figure of merit plot



Weight plot



Cost of the training/testing data with respect to the number of features included in the training.  
Different colors represent different percentages of testing data. This was done for analytic  
logistic regression with a learning rate of 0.01 with 5000 iterations.

Train figure of merit plot



Testing figure of merit plot

