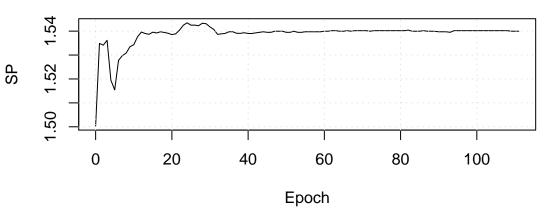
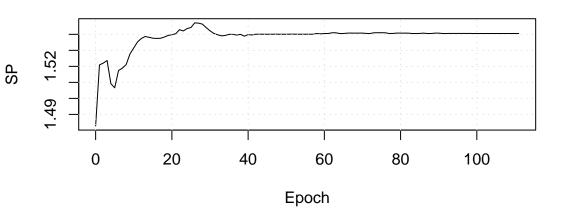
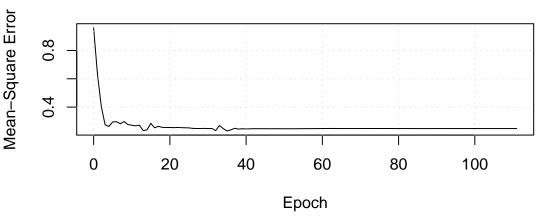
SP evolution (train)



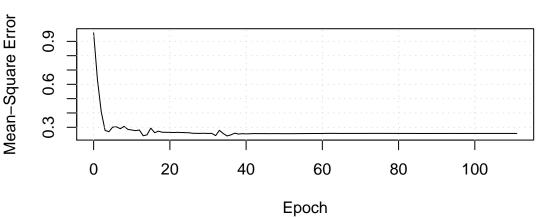
SP evolution (test)



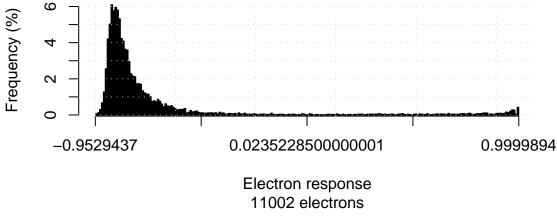
MSE evolution (train)

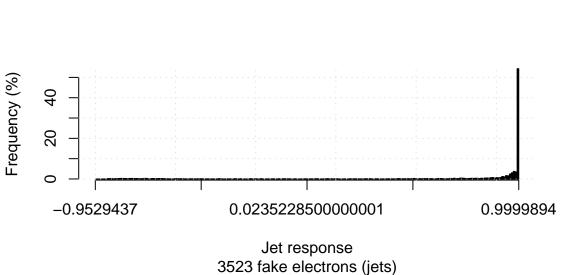


MSE evolution (test)

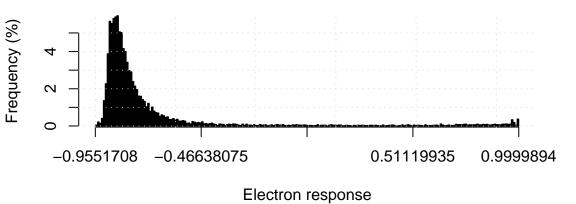


Neural Output (test)

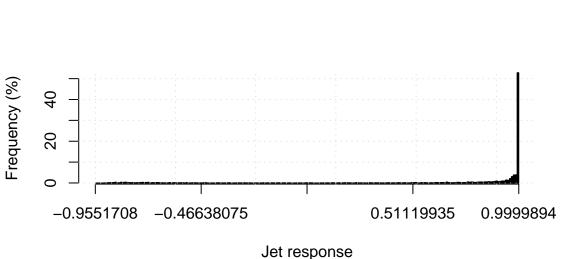






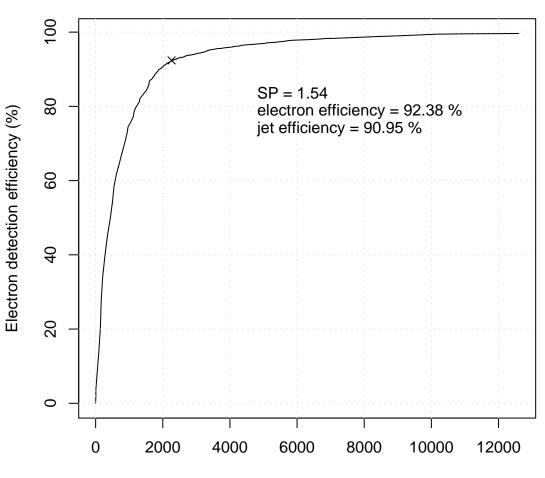


11003 electrons



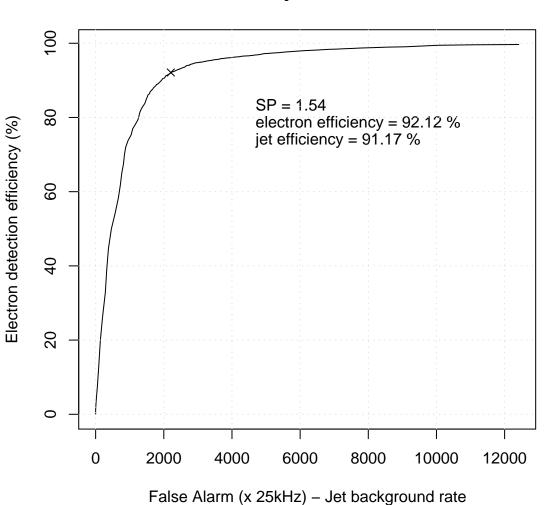
3524 fake electrons (jets)

R.O.C. for e/jet discrimination



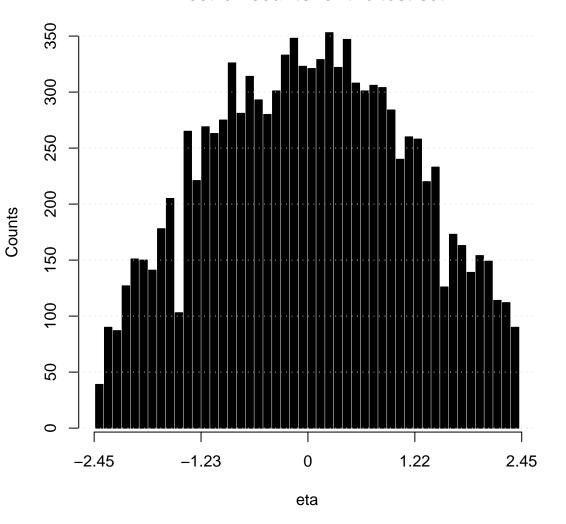
False Alarm (x 25kHz) – Jet background rate [Data from test set; cut= -0.2429437]

R.O.C. for e/jet discrimination

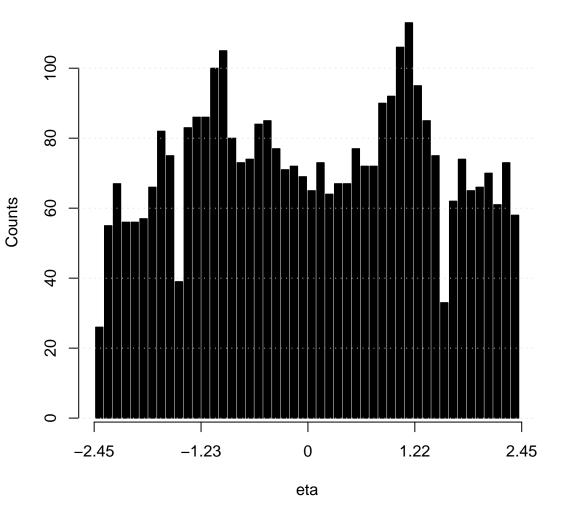


[Data from train set; cut = -0.3051708]

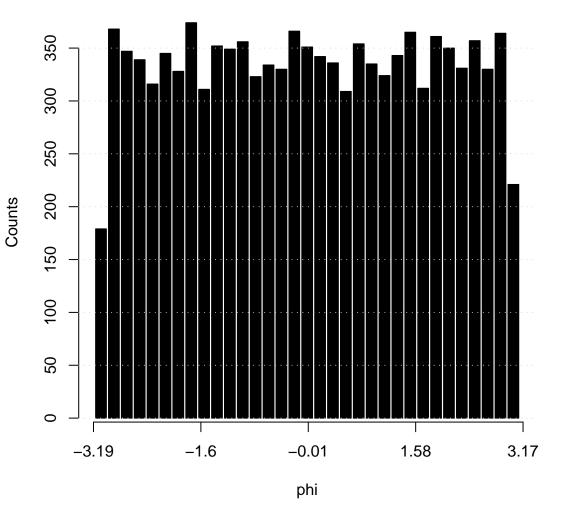
Electron counts for the test set



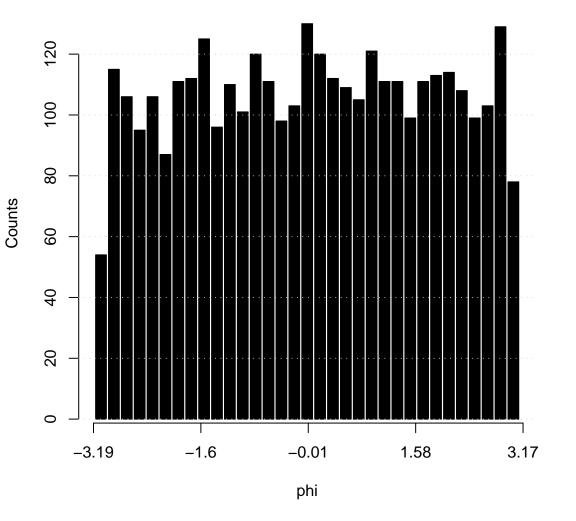
Jet counts for the test set



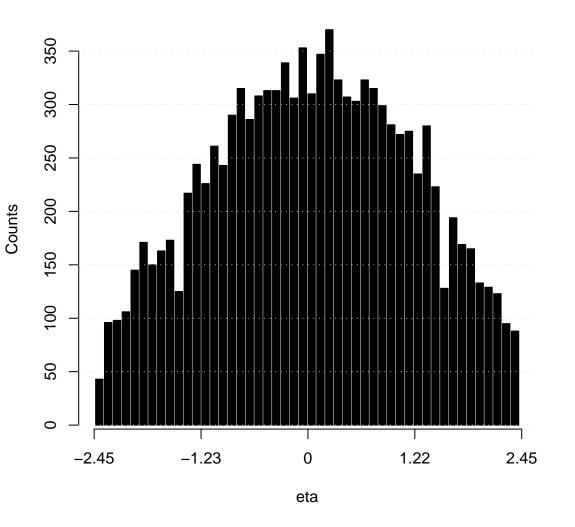
Electron counts for the test set



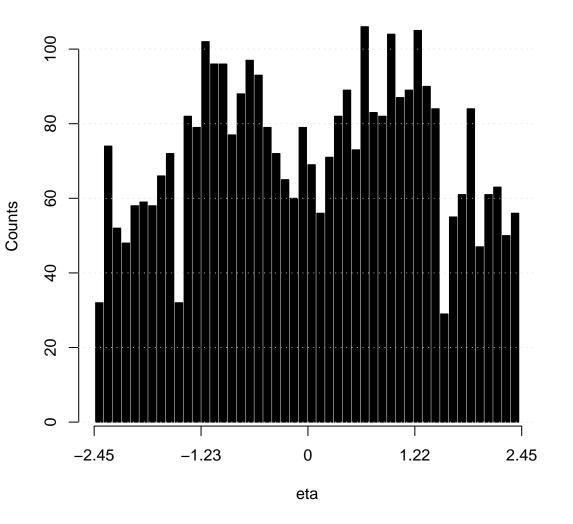
Jet counts for the test set



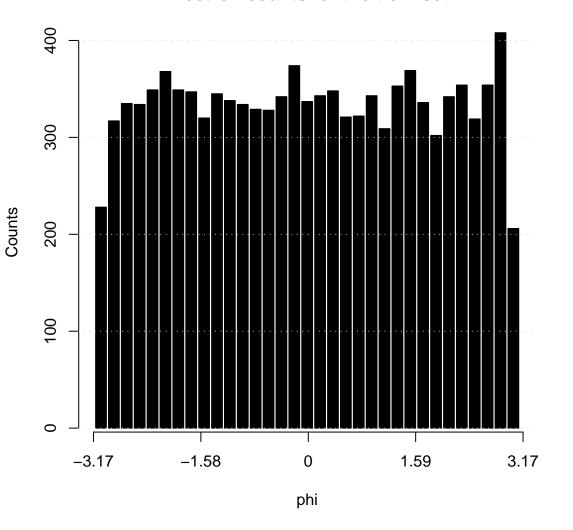
Electron counts for the train set



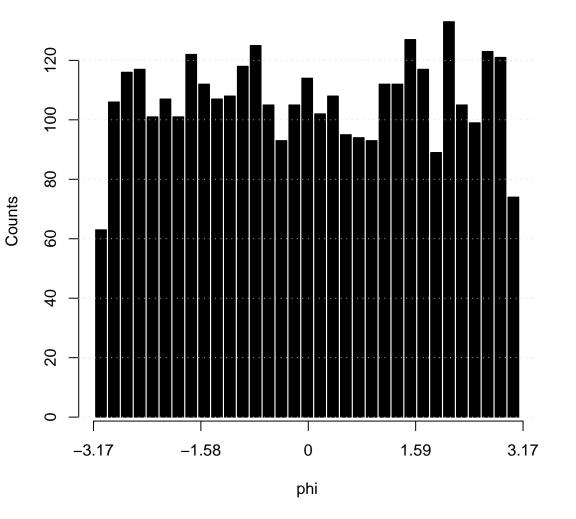
Jet counts for the train set



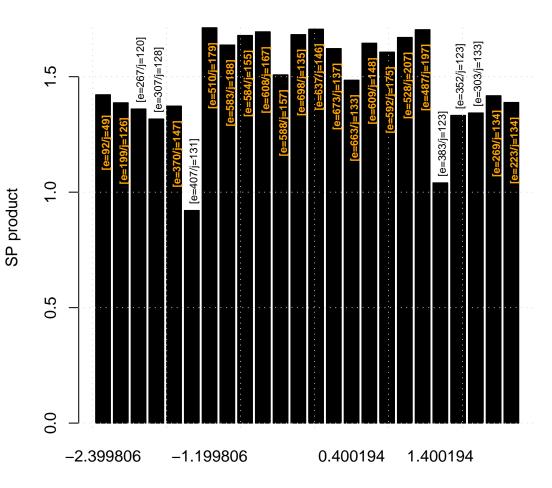
Electron counts for the train set



Jet counts for the train set

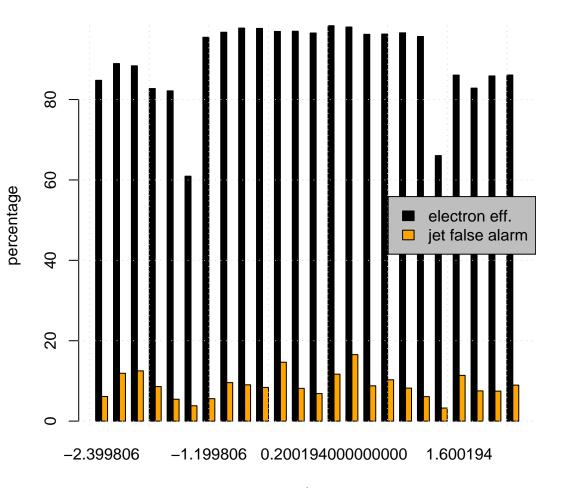


SP product analysis for the test set



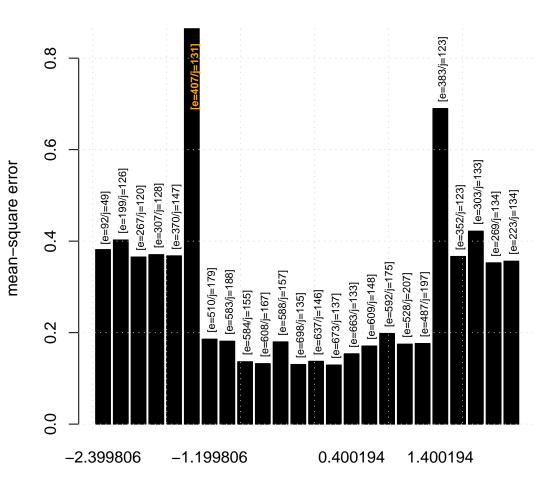
eta [Cut at -0.3052]

Efficiency analysis for the test set



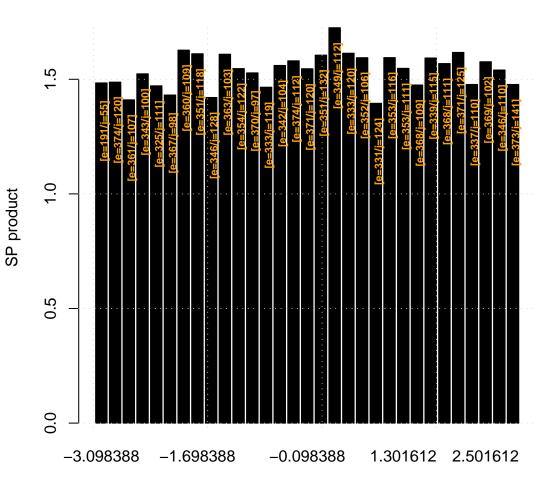
eta [Cut at -0.3052]

MSE values analysis for the test set



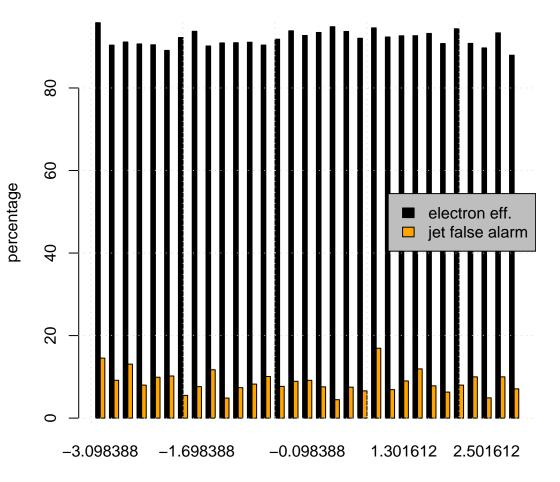
eta [Cut at -0.3052]

SP product analysis for the test set



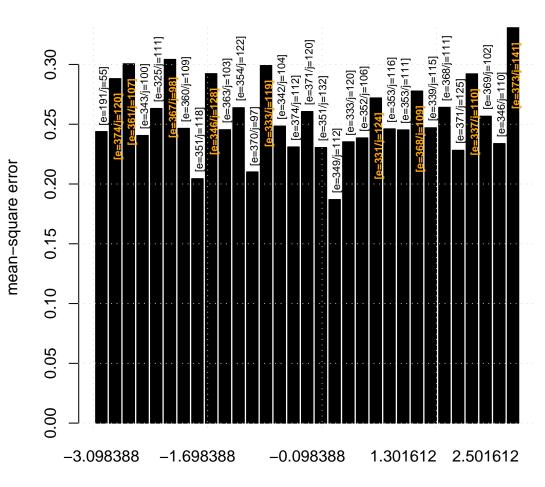
phi [Cut at -0.3052]

Efficiency analysis for the test set



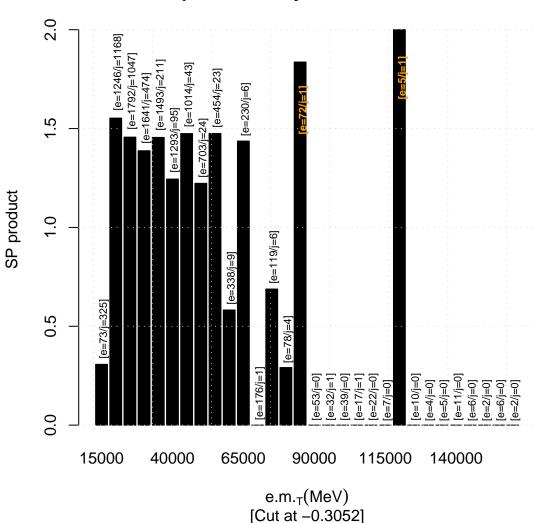
phi [Cut at -0.3052]

MSE values analysis for the test set

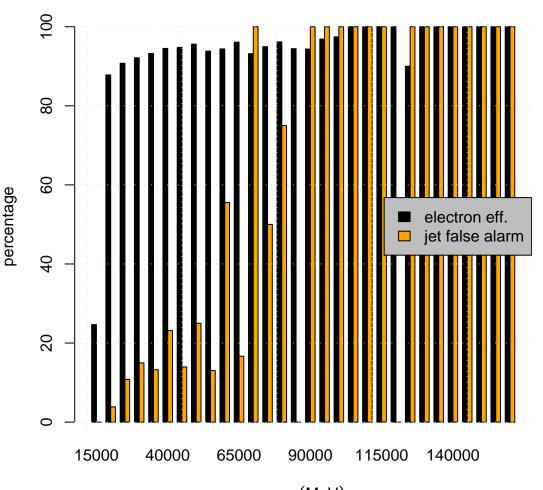


phi [Cut at -0.3052]

SP product analysis for the test set

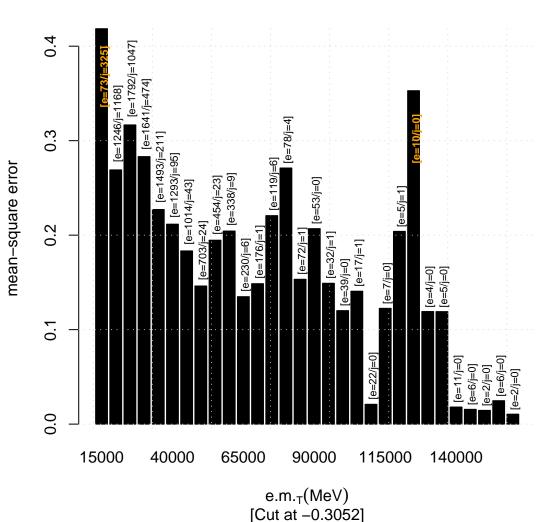


Efficiency analysis for the test set

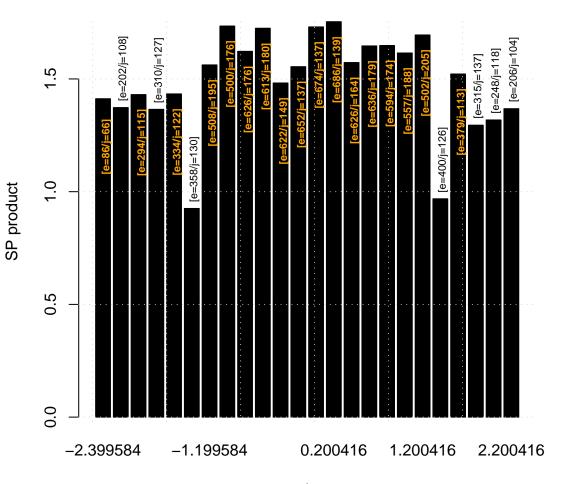


e.m._T(MeV) [Cut at -0.3052]

MSE values analysis for the test set

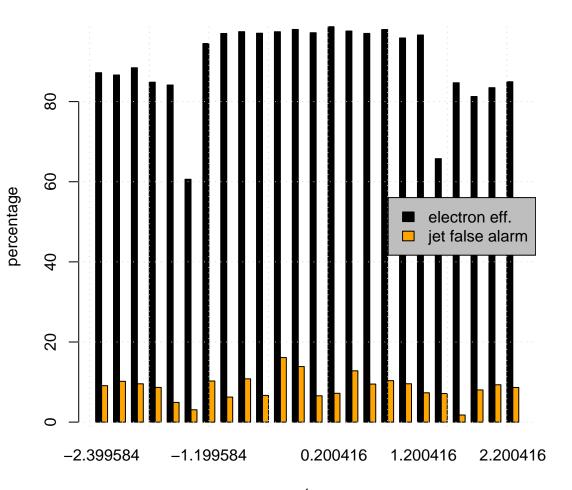


SP product analysis for the train set



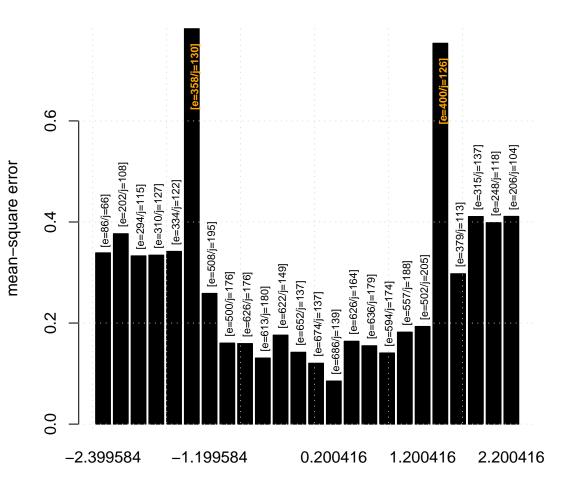
eta [Cut at -0.3052]

Efficiency analysis for the train set



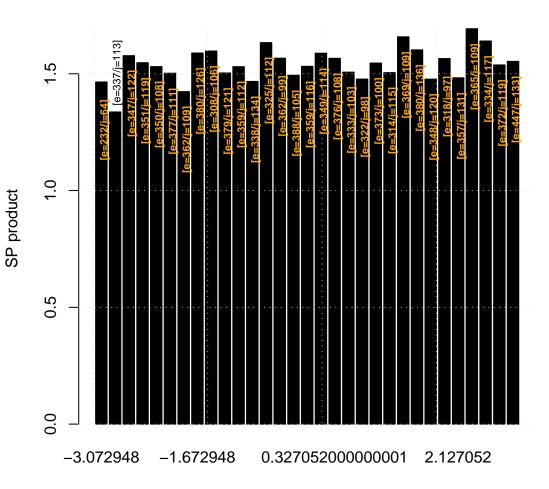
eta [Cut at -0.3052]

MSE values analysis for the train set



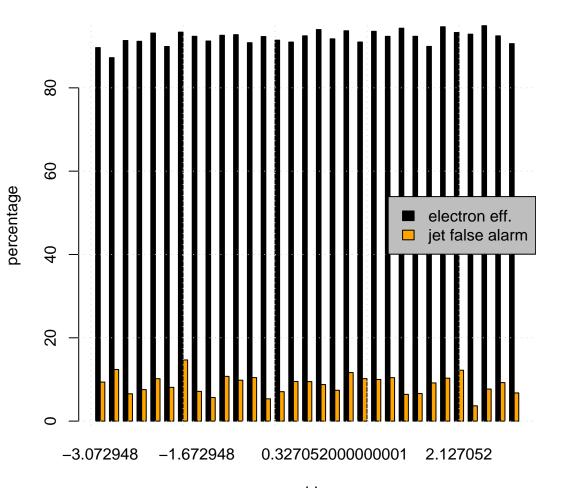
eta [Cut at -0.3052]

SP product analysis for the train set



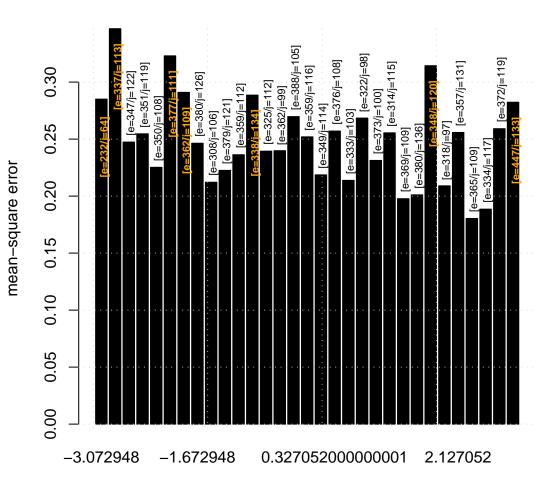
phi [Cut at -0.3052]

Efficiency analysis for the train set



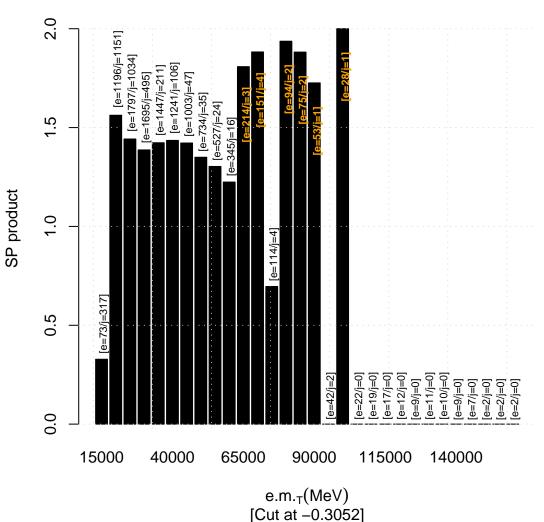
phi [Cut at -0.3052]

MSE values analysis for the train set

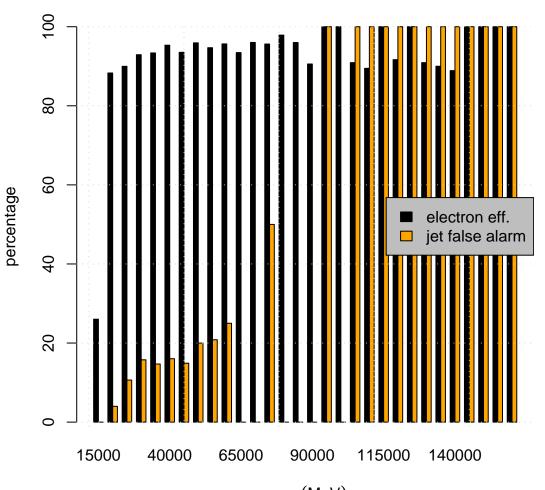


phi [Cut at -0.3052]

SP product analysis for the train set

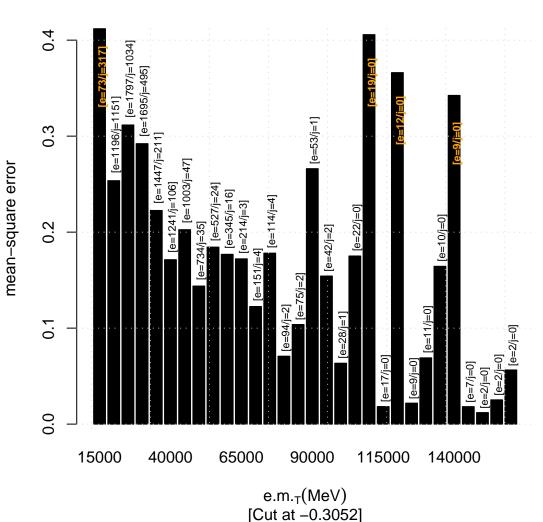


Efficiency analysis for the train set

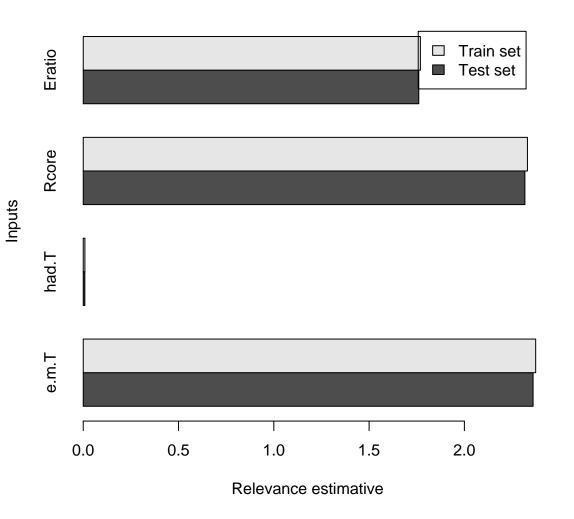


e.m._T(MeV) [Cut at -0.3052]

MSE values analysis for the train set



Relevance analysis (MSE)



Relevance analysis (SP product)

