

Reconstruction	BDT Accuracy	χ^2 Accuracy
b quark from Top quark leptonic decay	0.45	0.32
b quark from Top quark hadronic decay	0.30	0.15
Both b quarks from leading Higgs	0.44	0.29
Both b quarks from second Higgs	0.31	0.19
One b quark from leading Higgs	0.72	0.58
One b quark from second Higgs	0.72	0.59