TMVA overtraining check for classifier: BDT ö Signal (test sample) 14 Signal (training sample) / Np (N/L) **Background (test sample) Background (training sample) 12** Kolmogorov-Smirnov test: signal (background) probability = 0.001 (0.091) 10 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)%8 6 4 2 0.2 8.0 -0.6-0.40.4 0.6 -0.2 0 **BDT** response