TMVA overtraining check for classifier: BDTG ŏ Signal (training sample) Signal (test sample) /Np (N/L) **12** Background (test sample) Background (training sample) Kolmogorov-Smirnov test: signal (background) probability = 0.007 (0.005) 10 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 8 6 4 2 -0.6 0.2 8.0 -0.8 -0.4 -0.2 0.4 0.6 **BDTG** response