TMVA overtraining check for classifier: BDT ŏ Signal (training sample) Signal (test sample) /Np (N/L) **Background (test sample)** Background (training sample) 14 Kolmogorov-Smirnov test: signal (background) probability = 0.605 (0.473) **12** 10 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 8 6 4 2 -0.60.4 **8.0** -0.4-0.2 0 0.2 **BDT** response