## TMVA overtraining check for classifier: BDTG ŏ Signal (training sample) Signal (test sample) / Np (N/L) Background (test sample) *Background (training sample)* 14 Kolmogorov-Smirnov test: signal (background) probability = 0.006 (0.003) **12** 10 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 8 6 4 2 -0.6 8.0 -0.8 -0.4 -0.2 0.2 0.4 0.6 0 **BDTG** response