## TMVA overtraining check for classifier: BDT Signal (test sample) Signal (training sample) Background (training sample) Background (test sample) 3.5 Kolmogorov-Smirnov test: signal (background) probability = 0.693 (0.287) 3 2.5 J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 2 1.5 0.5 -0.2 -0.6 -0.4 0.2 0.4 8.0 0.6 -0.8 0 **BDT** response

(1/N) dN/L)