## TMVA overtraining check for classifier: BDTA 18 Signal (test sample) Signal (training sample) N V **Background (test sample)** Background (training sample) 16 Kolmogorov-Smirnov test: signal (background) probability = 0.314 ( (NE) 14 **12** J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 10 8 6 4 2 0.2 0.3 0.4 0.5 0.6 0.1 0.7 8.0 0.9 **BDTA** response