## TMVA overtraining check for classifier: MLP 25 Signal (test sample) Signal (training sample) /Np (N/L) **Background (test sample) Background (training sample)** Kolmogorov-Smirnov test: signal (background) probability = 0.528 (0.245) **20** J/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)% 15 10 5 0.2 0.5 0.1 0.3 0.4 0.6 0.7 8.0 0.9 MLP response