TMVA overtraining check for classifier: MLP ö **50** Signal (test sample) Signal (training sample) /Np (N/L) **Background (test sample) Background (training sample)** Kolmogorov-Smirnov test: signal (background) probability = 0.045 (0.103) 40 U/O-flow (S,B): (0.0, 0.0)% / (0.0, 0.0)%30 20 10 0.2 0.6 8.0 0.4 MLP response