Global MO-HPIs for HPO + NAS on D09 (Spleen) **HPO** Hyperparameters NAS Hyperparameters 0.4 0.3 0.2 0.1 0.1 0.0 -0.0 0.2 0.4 0.6 0.8 1.0 0.0 0.2 0.4 0.6 0.8 Runtime 1 - DSC [%] Runtime 1 - DSC [%] Weight of 1 - DSC [%] Weight of 1 - DSC [%] **HPO** Hyperparameters NAS Hyperparameters

Optimizer Weight Decay Encoder Type Activation Loss Function Model Scale Normalization Momentum (SGD) Initial LR Data Aug. Factor Base #Features **Dropout Rate** Max. #Features

LR Scheduler Foreground Oversamp.