Global MO-HPIs for HPO + NAS on D01 (BrainTumour) **HPO** Hyperparameters NAS Hyperparameters 60 -Importance [%] 40 20 0 0.0 0.2 0.4 0.6 0.8 1.0 0.0 0.2 0.4 0.6 0.8 1.0 Runtime 1 - DSC [%] Runtime 1 - DSC [%] Weight of (1 - DSC [%]) Weight of (1 - DSC [%]) **HPO Hyperparameters** NAS Hyperparameters Data Aug. Factor LR Scheduler Activation Max. #Features Foreground Oversamp. Momentum (SGD) Base #Features Model Scale Initial LR Optimizer Dropout Rate Normalization Loss Function Weight Decay **Encoder Type**