Global MO-HPIs for HPO + NAS on D08 (HepaticVessel) **HPO** Hyperparameters NAS Hyperparameters 0.5 0.4 Importance 0.3 0.2 0.1 0.0 0.0 0.2 0.4 0.6 0.8 1.0 0.0 0.2 0.4 0.6 8.0 Runtime 1 - DSC [%] Runtime 1 - DSC [% Weight of 1 - DSC [%] Weight of 1 - DSC [%] **HPO** Hyperparameters NAS Hyperparameters Optimizer Weight Decay **Encoder Type** Activation

Model Scale

Base #Features

Max. #Features

Normalization

Dropout Rate

Loss Function

Data Aug. Factor

Foreground Oversamp.

Momentum (SGD)

Initial LR

LR Scheduler