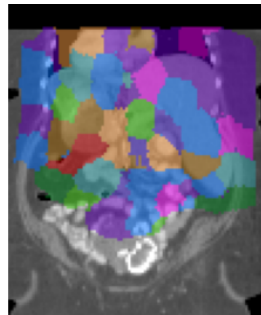
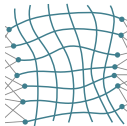


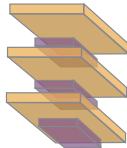
train scan with  
propagated supervoxels

**deeds**  
affine+nonlinear  
conventional reg.  
as supervision



reference with original  
SLIC supervoxels

**3D MobileNet V2**



depth separable  
CNNs inverted residuals

**atrous spatial  
pyramid pooling**

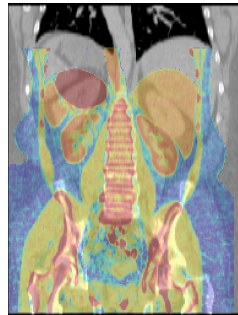


CNN-predicted over-  
segmentation

deformable  
supervoxel  
alignment  
using **Adam**



registered overlay (jet)  
on reference CT (gray)



overlay before  
registration