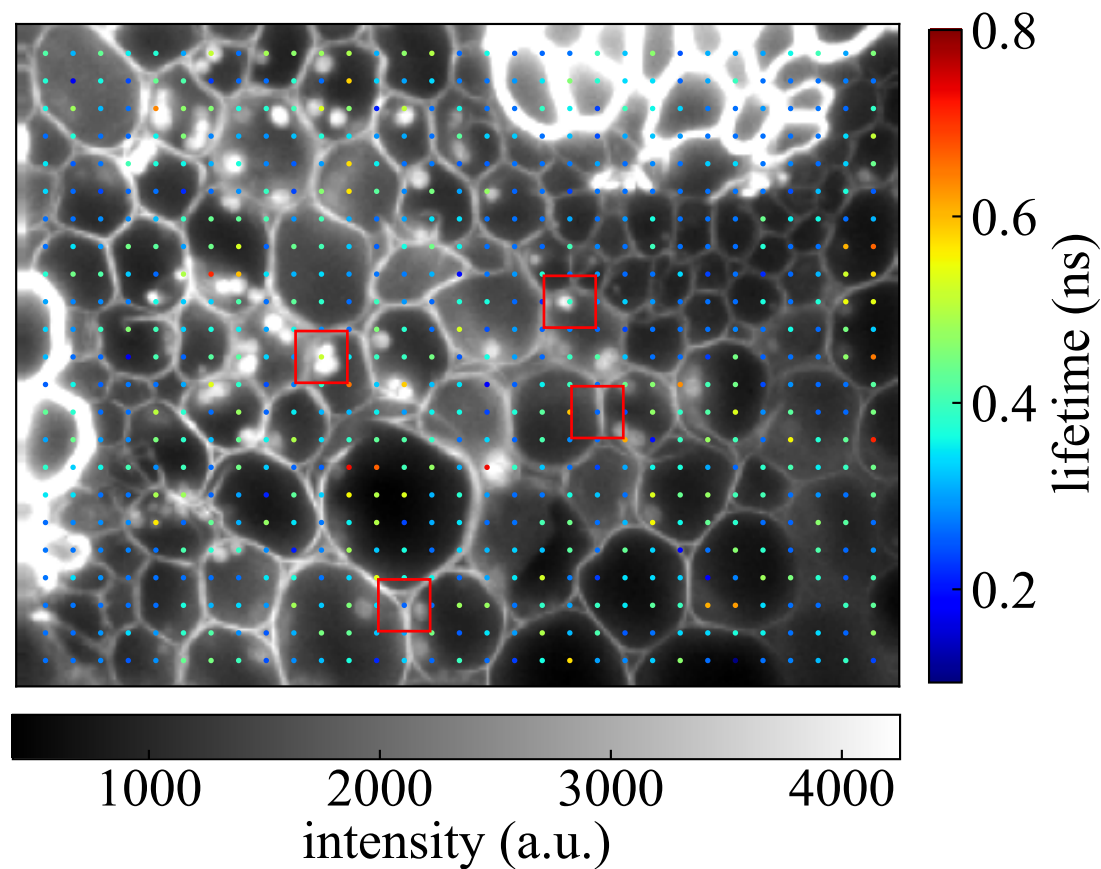
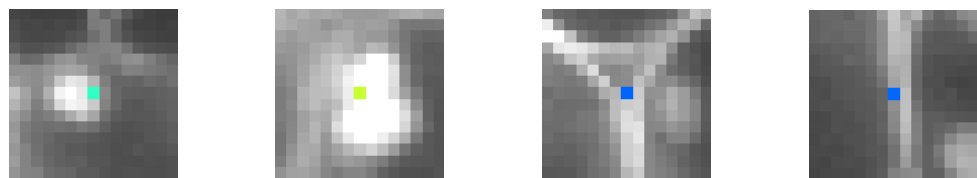


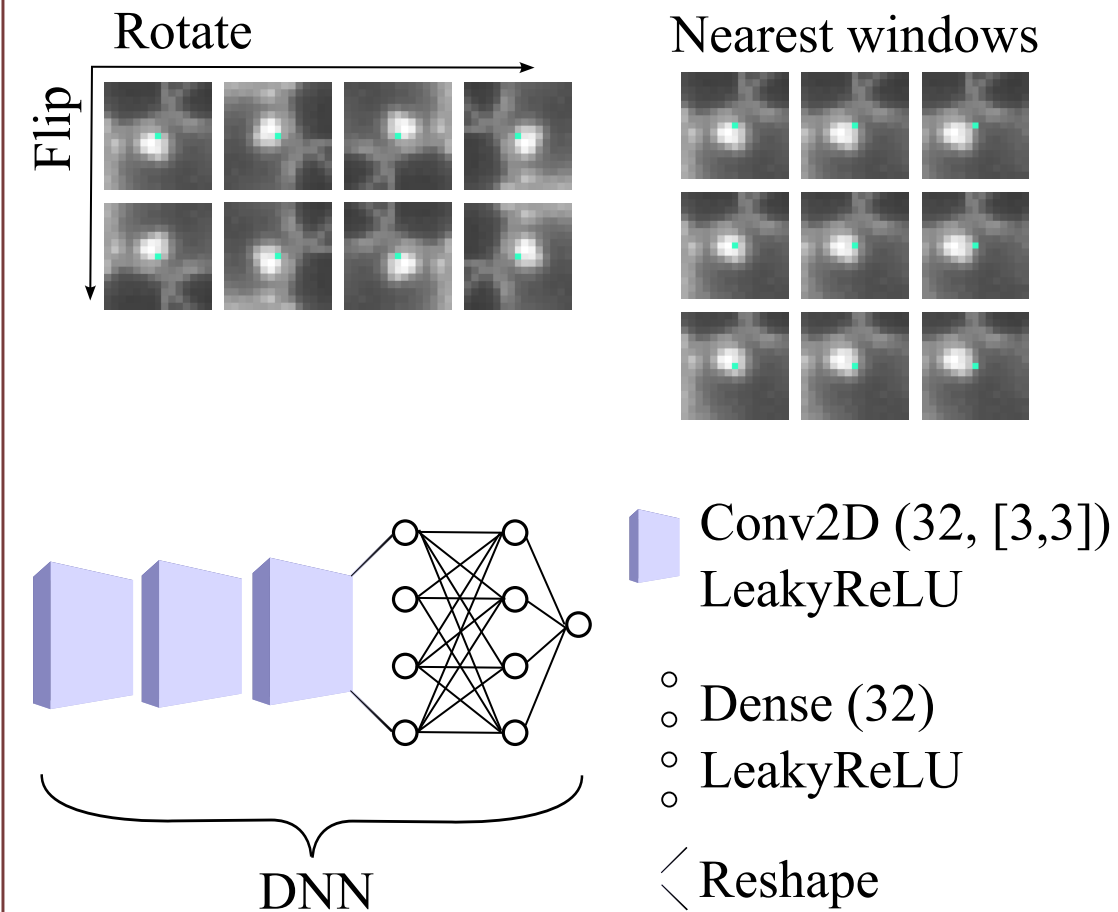
(a) Intensity patches, lifetime samples



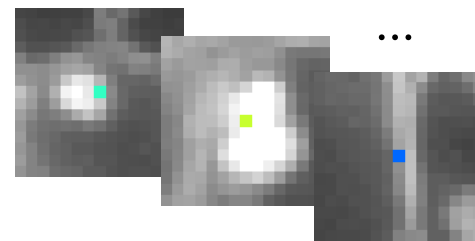
Patches with sampled centres



(b) Data augmentation, DNN architecture



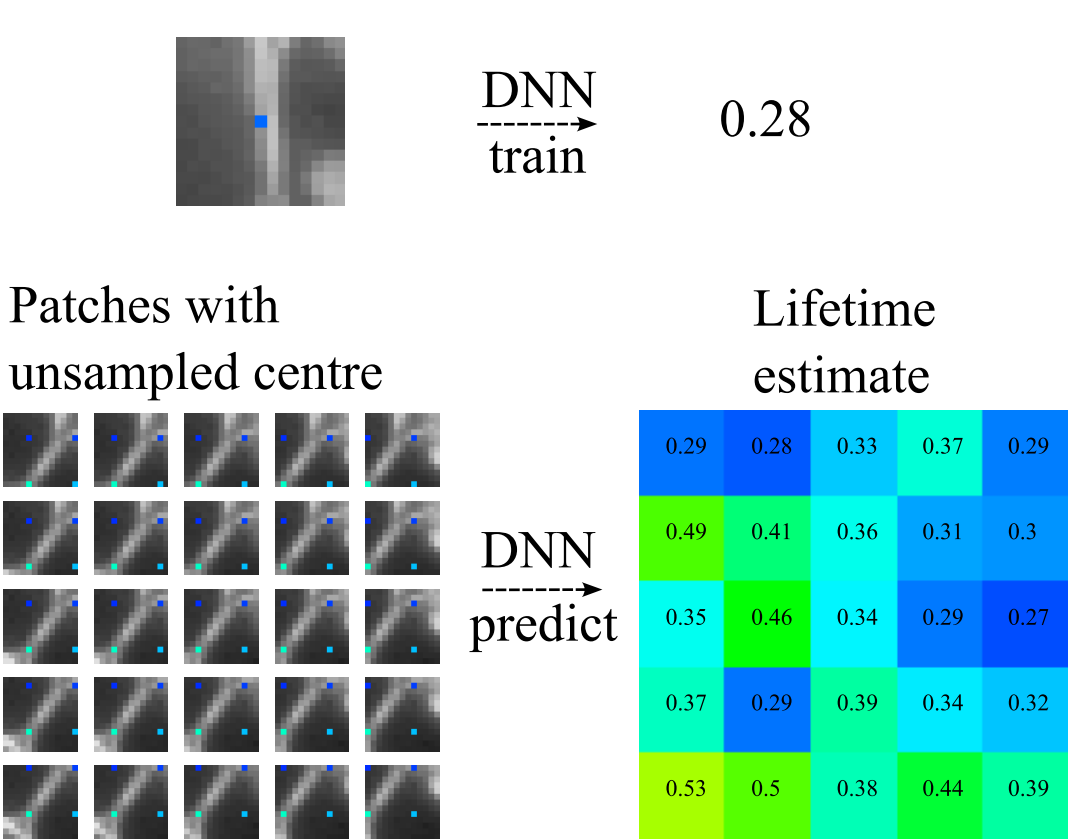
Augmented patches (inputs)



Lifetimes (labels)

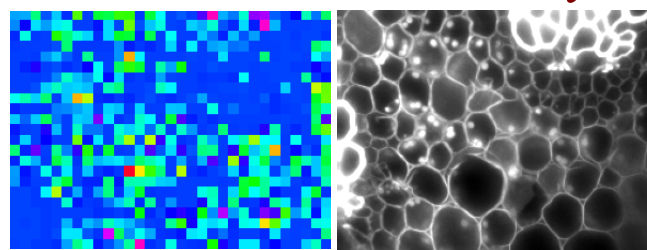
0.37
0.47
...
0.28

(c) Single sample training, upsampling



FLIM

+ Intensity



Global prior

