< Leave-Patient-out cross validation >

Subset of patients } Testing leave 20%

Train on 80% → cross-validate

Test 20%

Non-local Means — llu & real
(Weiner Filter)

Thresholding for Peak Detection

Prob(spk)

KDE
GMM

Amplitude
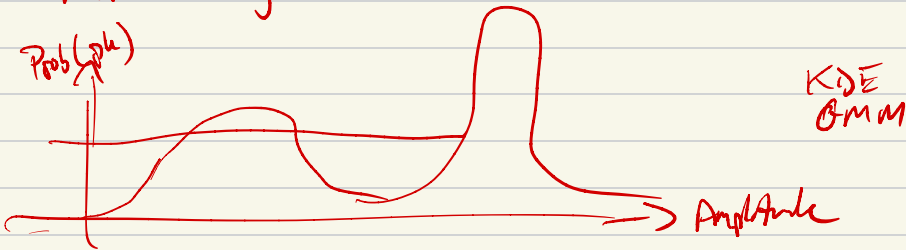
∆t for true positives only

Adaptive algorithm (adjusts as time goes on)