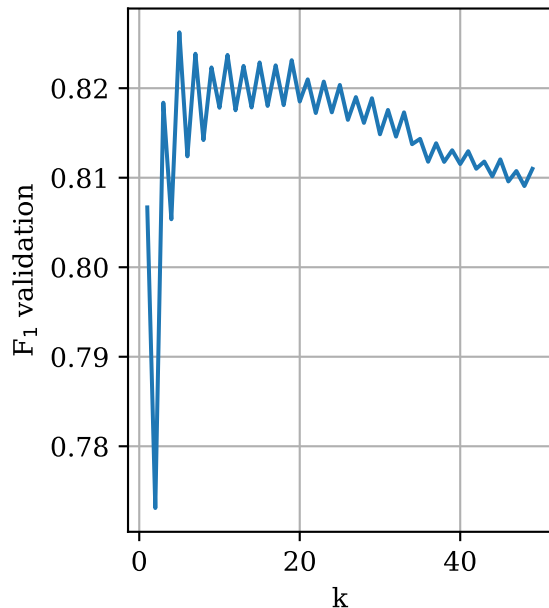


5-fold cross validated grid search.  
Best  $k = 5$



Confusion Matrix  
 $g$  = signal,  $h$  = background  
 $k = 5$

