

Dataset

Train Set

Test Set

Temp train

Temp test

Fold

Classify with initial classifier

Create sub-dataset:  
Correct classification  
= False  
Incorrect = True

Train helping classifier to  
new sub-dataset

sub-helping  
classifier

Bootstrapped  
ensemble classifier  
to classify likely  
correct / incorrect

Classify test set  
Delete likely incorrect

$x_1$	$x_2$	$x_3$	$\dots$	$x_m$	$y$
					F
					F
					T
					F
					F

Filtered test set

Bootstrapped Ensemble  
Helping Classifier

Filter Test Set