

All donors

Training data

Test data

Fold 1

Fold 2

Fold 3

Fold 4

Fold 5

Repeat
10 times

Validation set: Fold 5
Training set: all others

Validation

F1 for
 $K=1,2,\dots,n$

Validation set: Fold 4
Training set: all others

Validation

F1 for
 $K=1,2,\dots,n$

Validation set: Fold 3
Training set: all others

Validation

F1 for
 $K=1,2,\dots,n$

Validation set: Fold 2
Training set: all others

Validation

F1 for
 $K=1,2,\dots,n$

Validation set: Fold 1
Training set: all others

Validation

F1 for
 $K=1,2,\dots,n$

Confusion matrix, F1

Test data

Best K
(based on
F1-score)