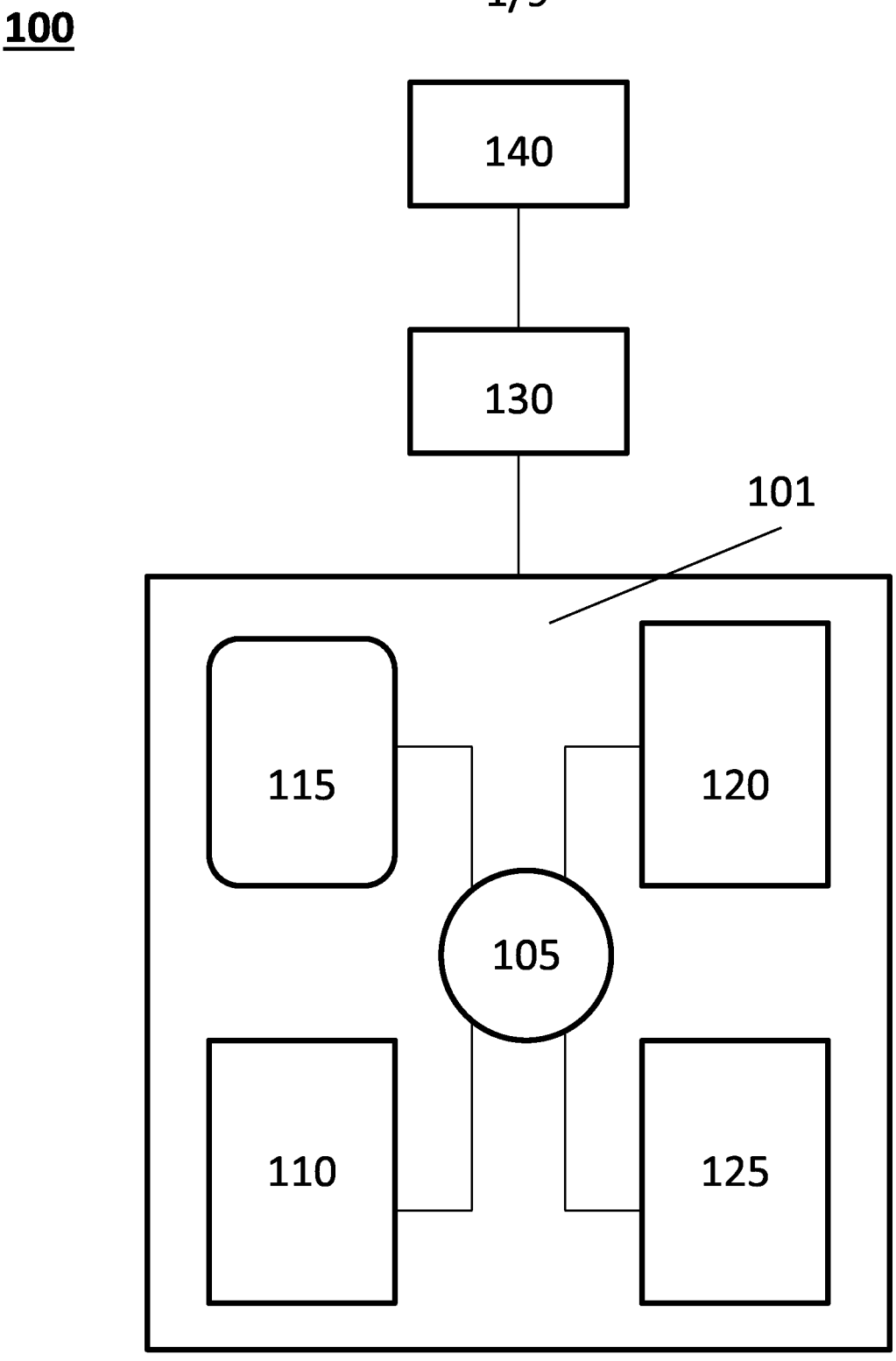


FIG. 1

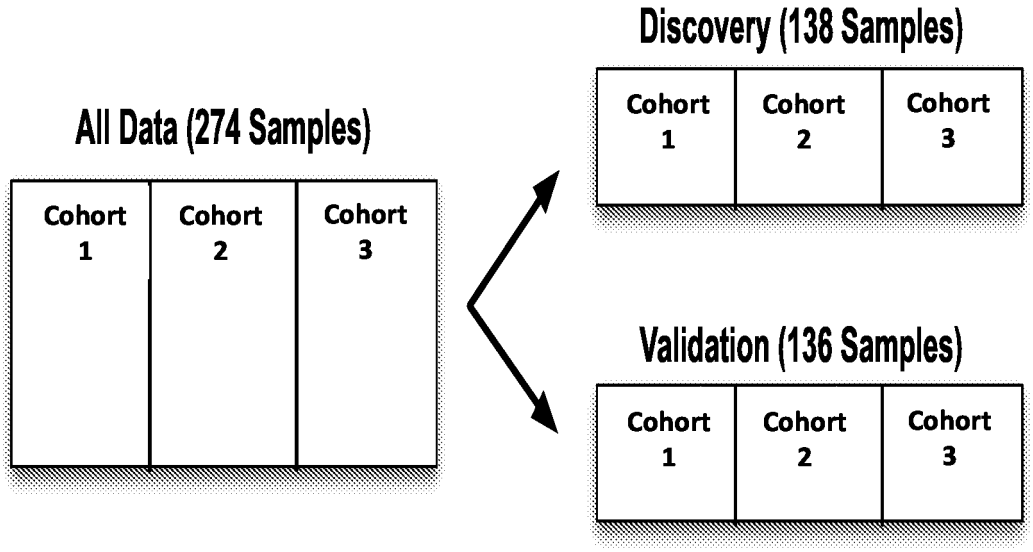

All Data (274 Samples)
Cohort 1
Cohort 2
Cohort 3
Discovery (138 Samples)
Cohort 1
Cohort 2
Cohort 3
Validation (136 Samples)
Cohort 1
Cohort 2
Cohort 3

FIG. 2

FIG. 3A

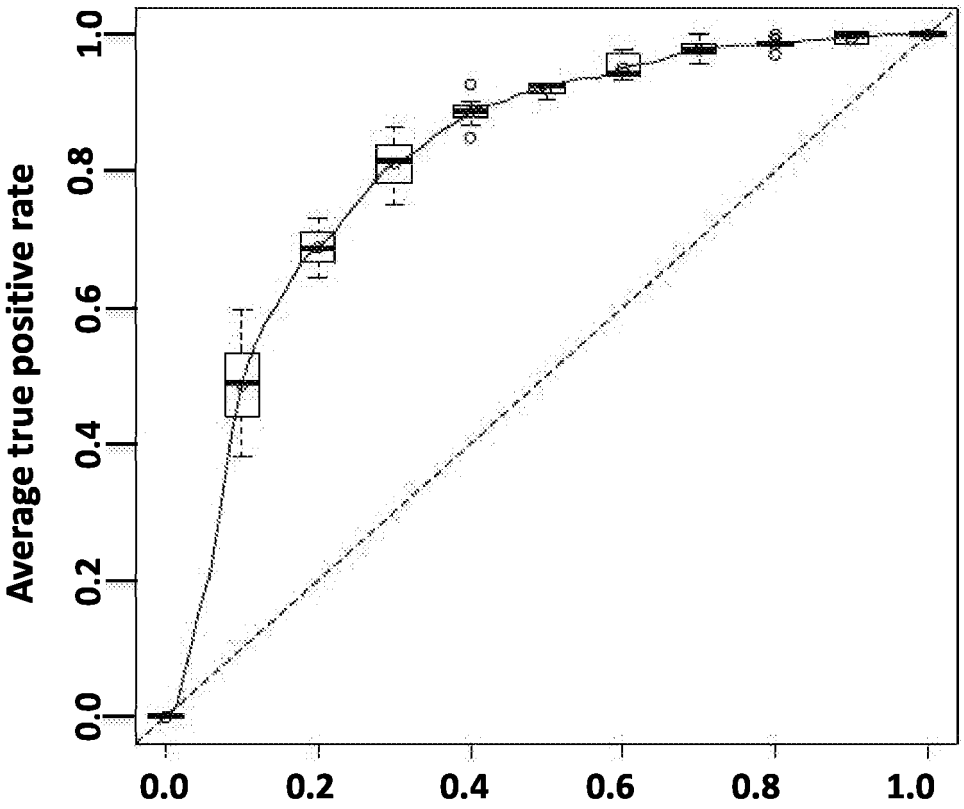

Average true positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 3B

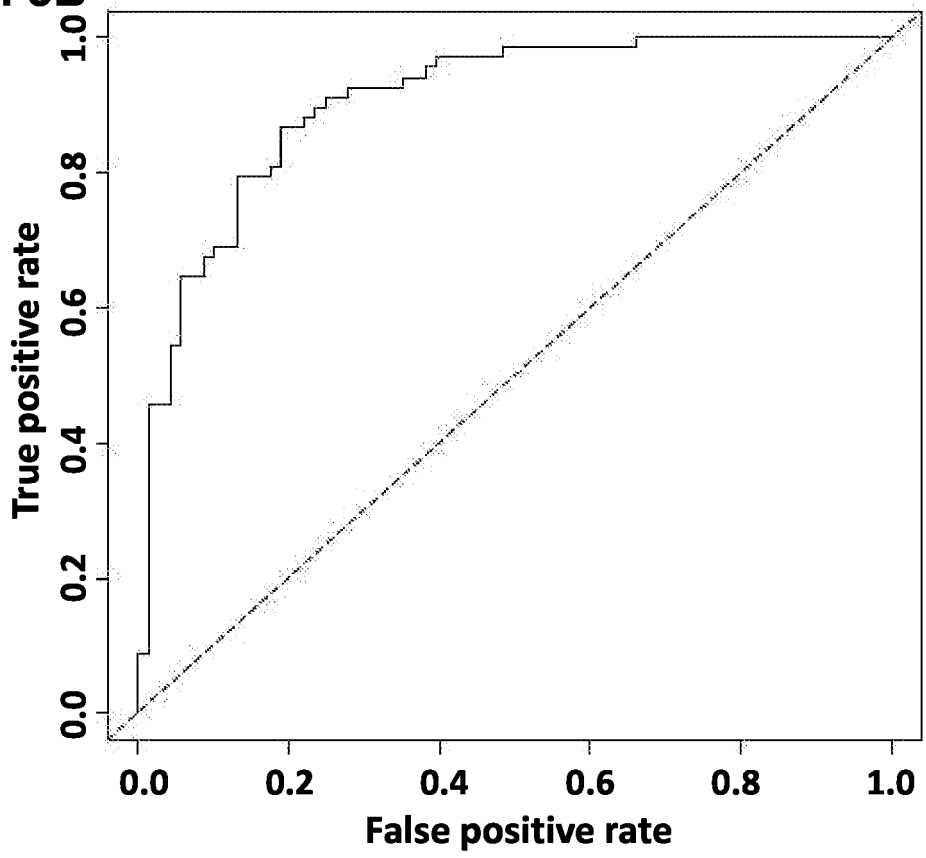

True positive rate
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 4A

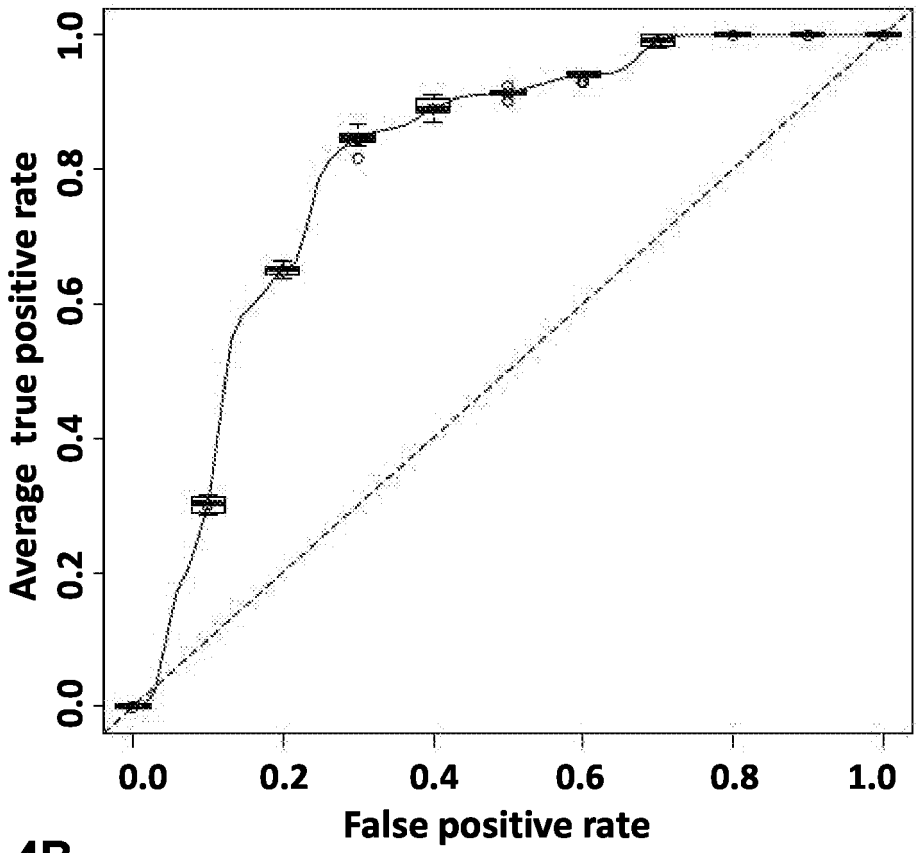

Average true positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 4B

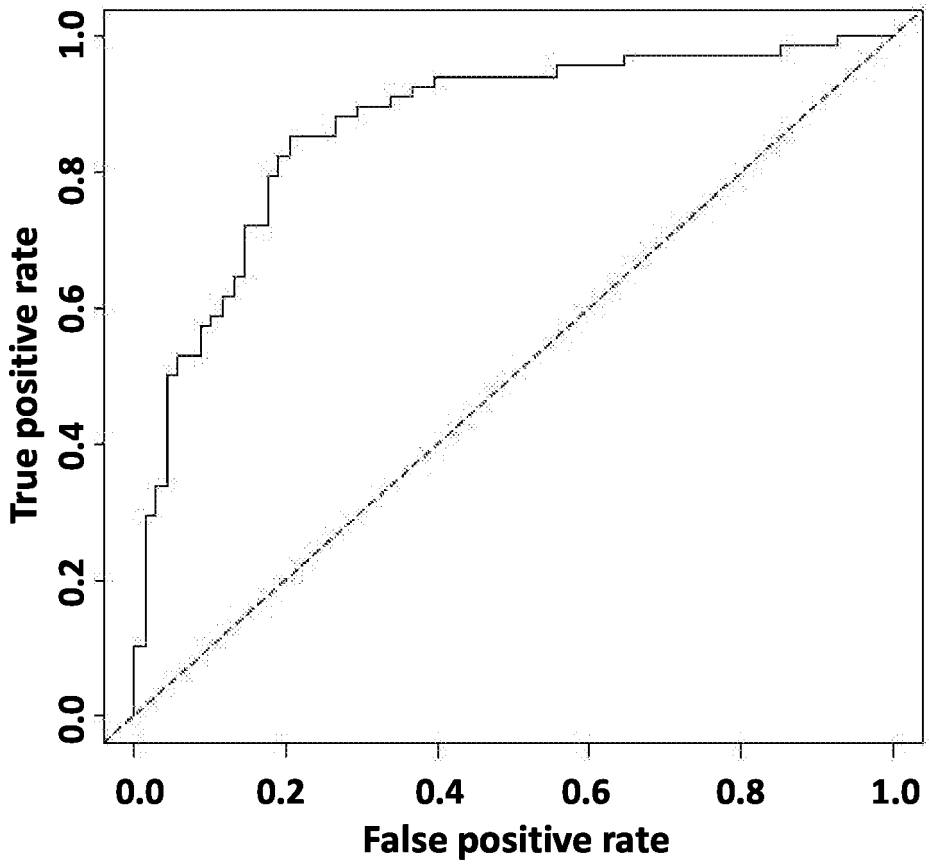

True positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 5A

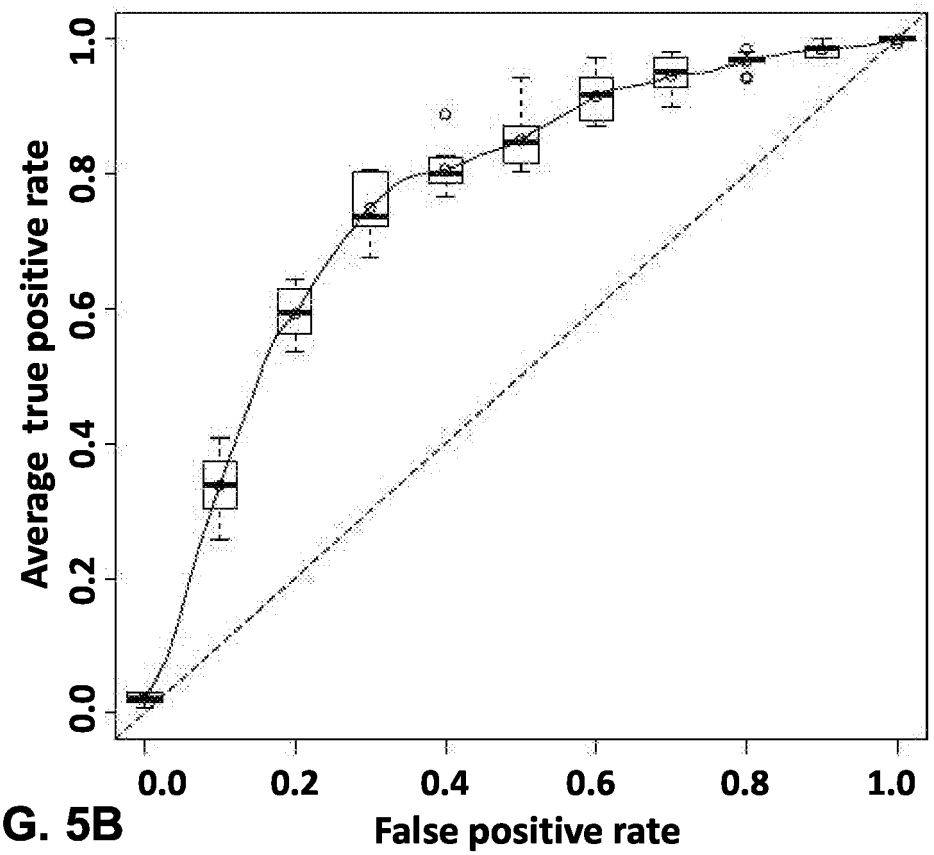

Average true positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate

FIG. 5B

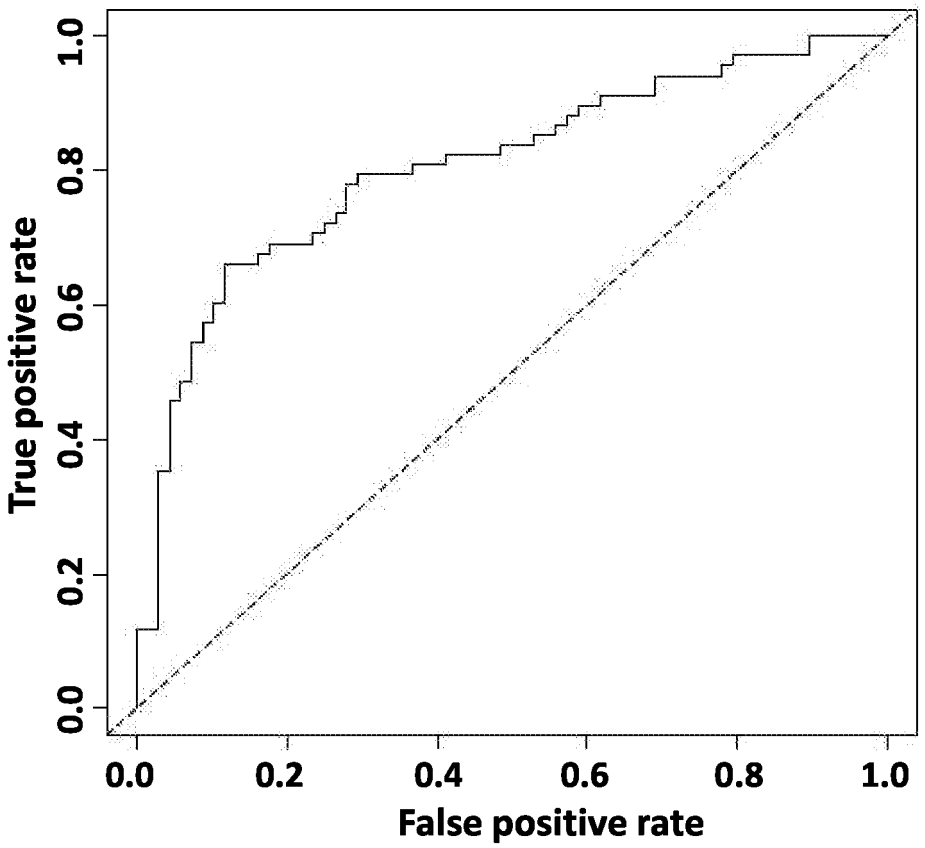

True positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate

FIG. 6A

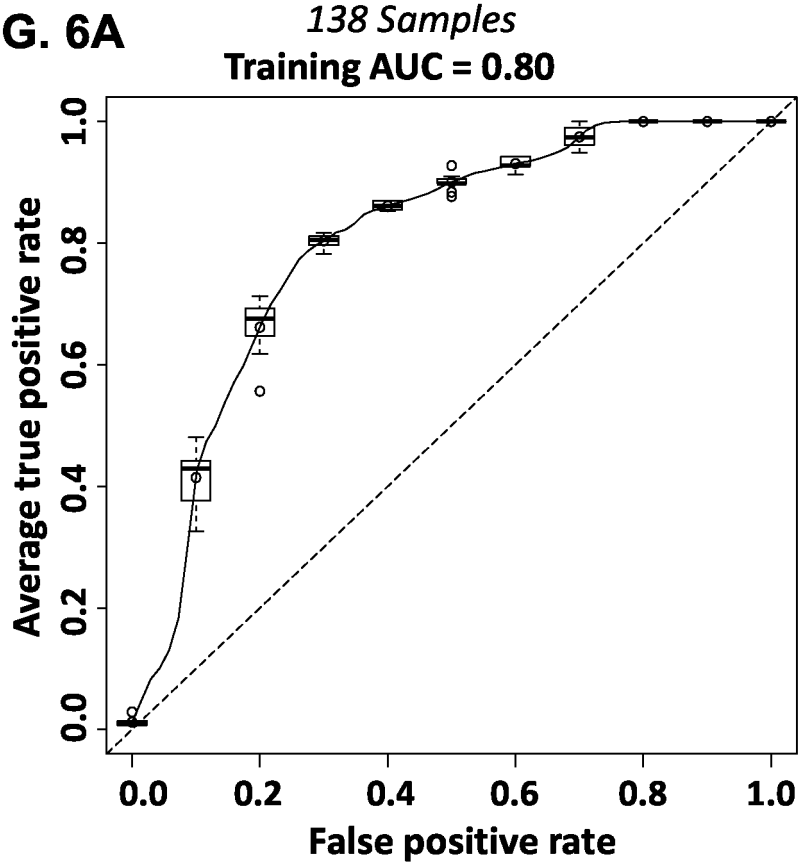

138 Samples
Training AUC = 0.80
Average true positive rate
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 6B

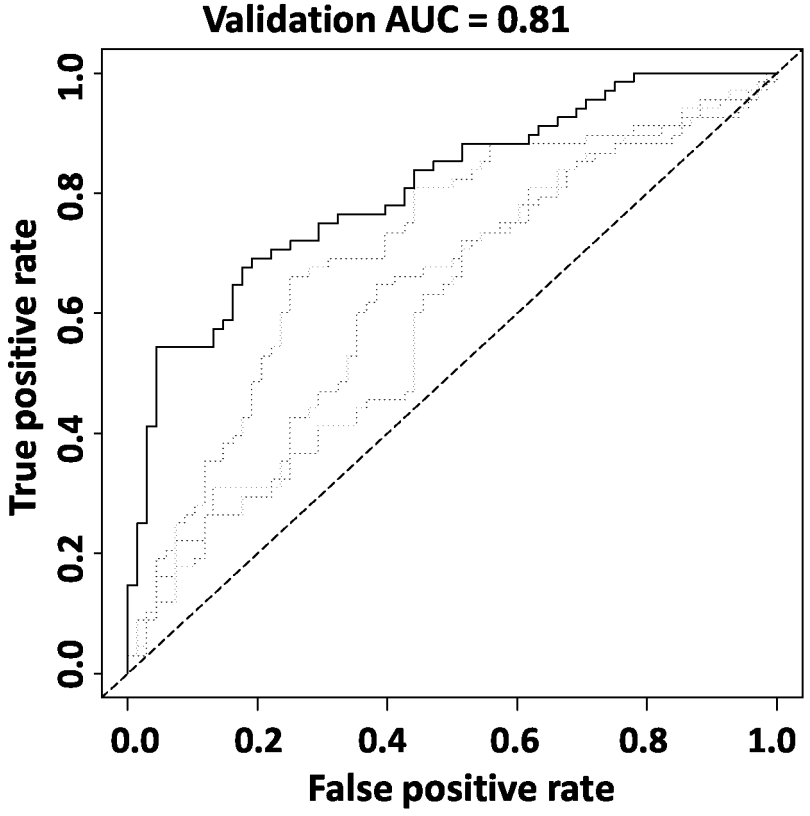

136 Samples
Validation AUC = 0.81
True positive rate
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 7A

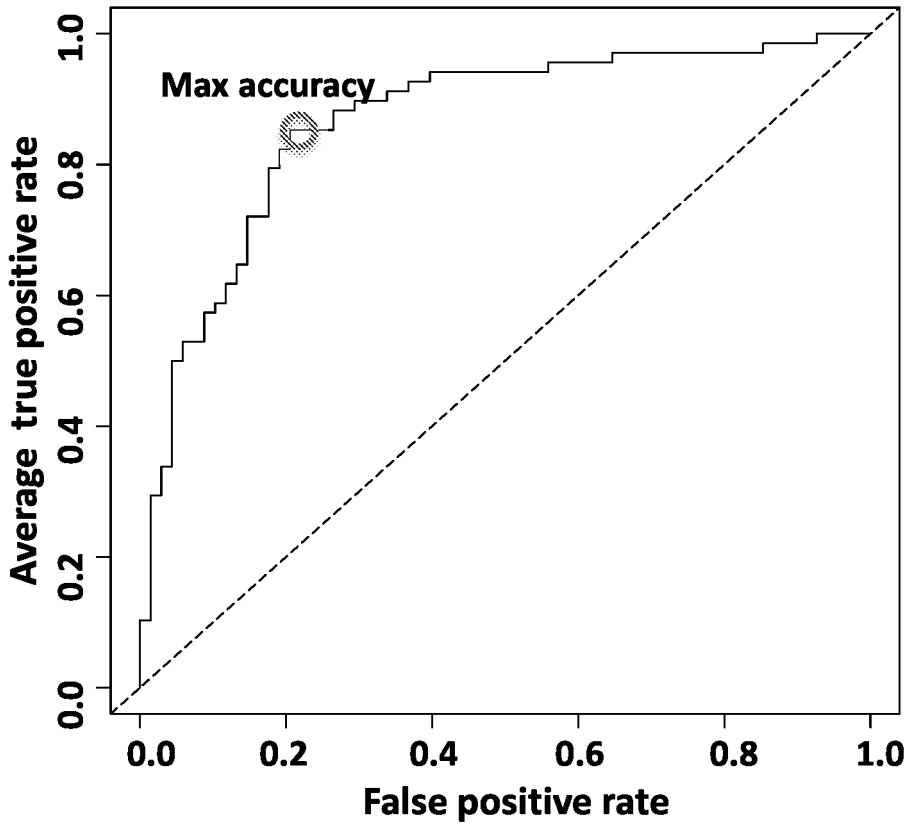


FIG. 7B

Misclassification at max accuracy (82%)

Sample Set	Misclassified
Cohort 1	5 of 48 (10%)
Cohort 2	8 of 48 (17%)
Cohort 3	11 of 40 (28%)
Total	24 of 136 (18%)

Correct vs. misclassified by sample set

Chi-sq p-value = 0.11

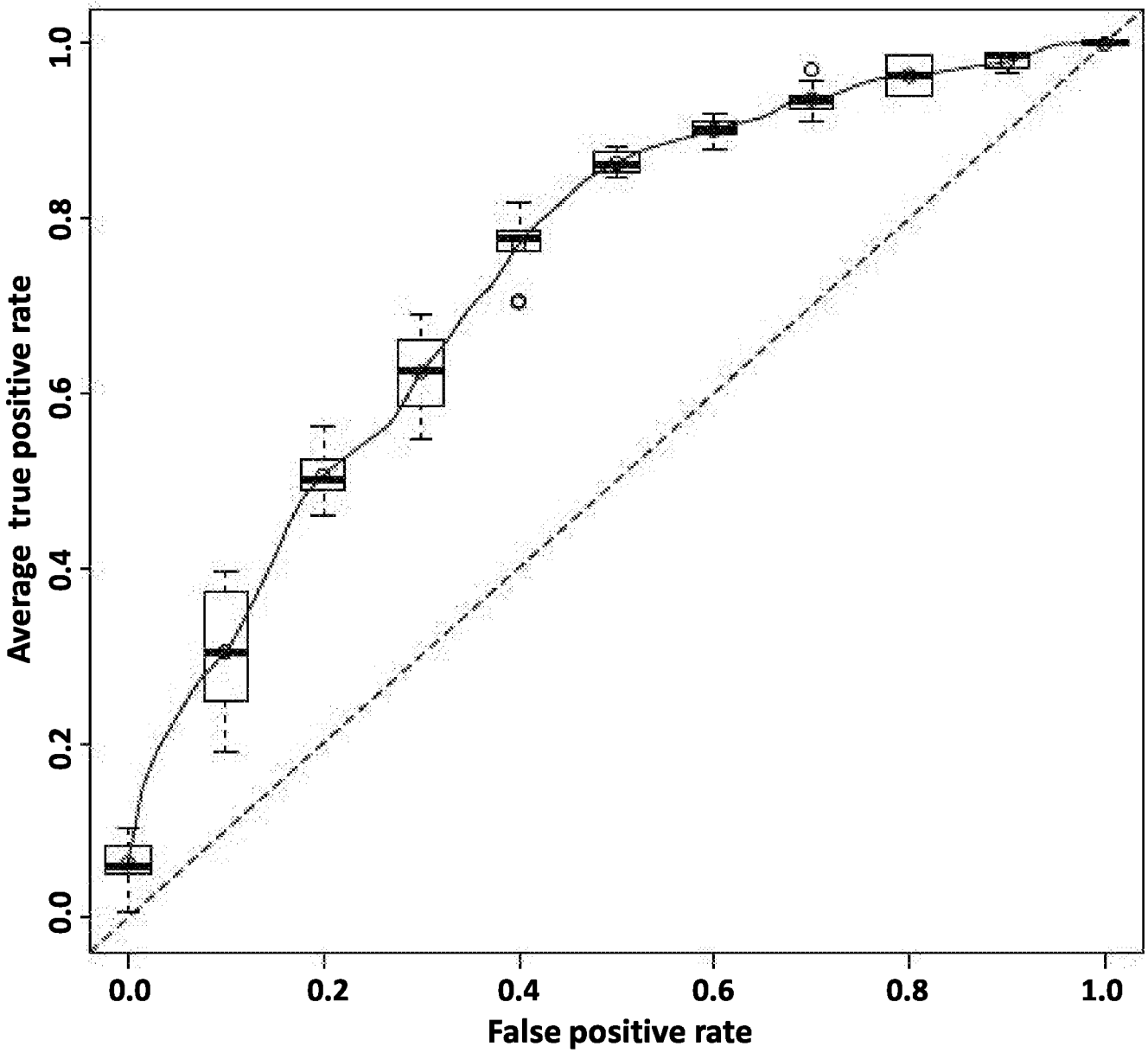

Average true positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 8

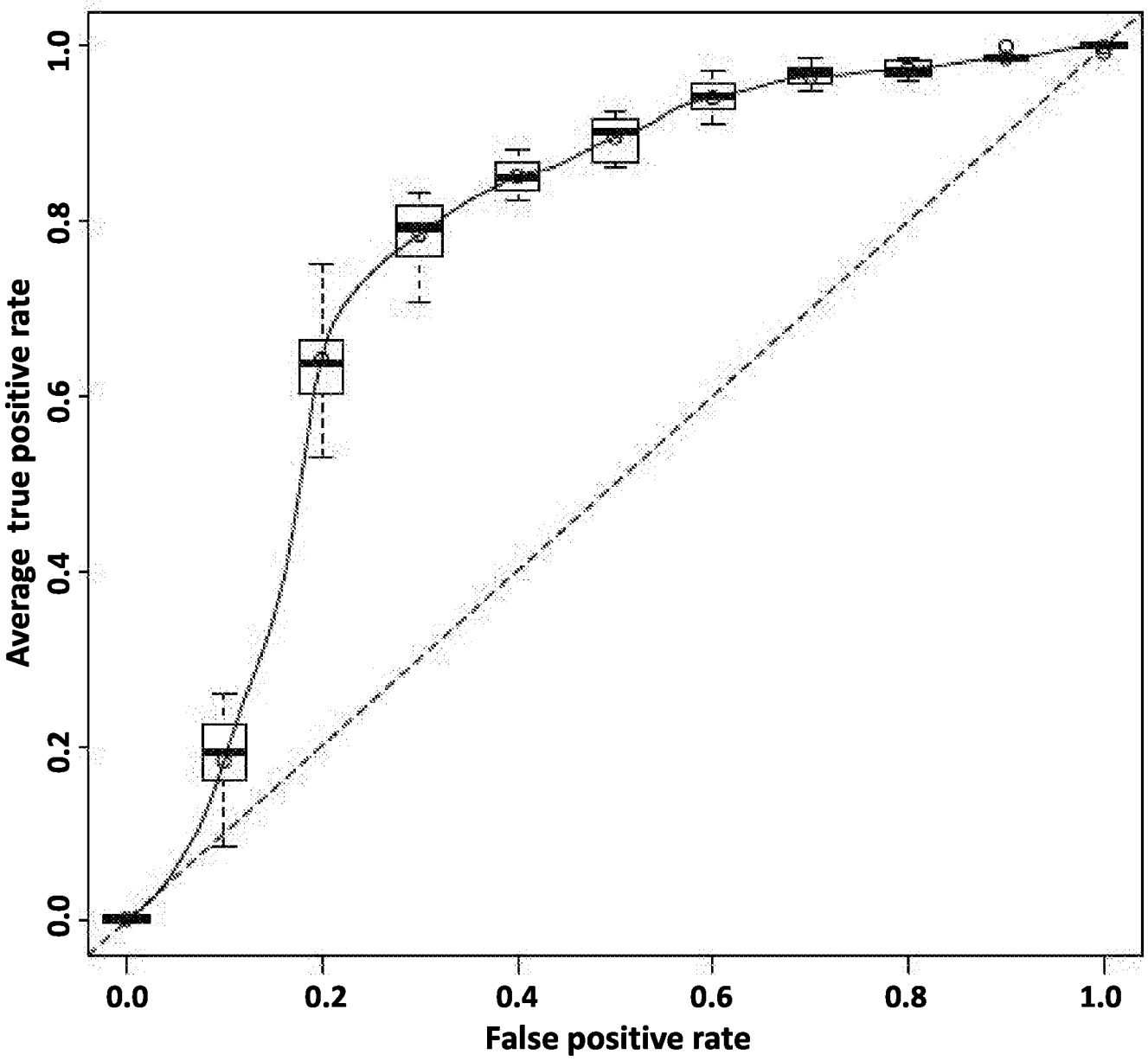

Average true positive rate
0.0
0.2
0.4
0.6
0.8
1.0
False positive rate
0.0
0.2
0.4
0.6
0.8
1.0

FIG. 9