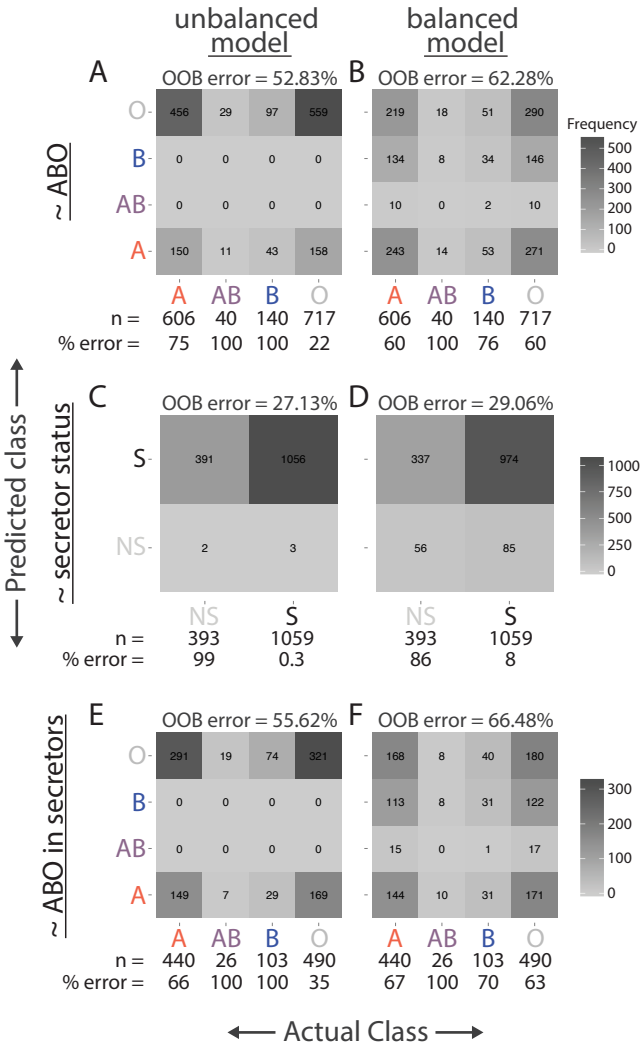
unbalanced model
balanced model
A
OOB error = 52.83%
B
OOB error = 62.28%
~ ABO
O 456 29 97 559
B 0 0 0 0
AB 0 0 0 0
A 150 11 43 158
O 219 18 51 290
B 134 8 34 146
AB 10 0 2 10
A 243 14 53 271
Frequency
500
400
300
200
100
0
A AB B O
n = 606 40 140 717
% error = 75 100 100 22
A AB B O
n = 606 40 140 717
% error = 60 100 100 60
C
OOB error = 27.13%
D
OOB error = 29.06%
~ secretor status
S 391 1056
NS 2 3
S 337 974
NS 56 85
1000
750
500
250
0
NS S
n = 393 1059
% error = 99 0.3
NS S
n = 393 1059
% error = 86 8
Predicted class
E
OOB error = 55.62%
F
OOB error = 66.48%
~ ABO in secretors
O 291 19 74 321
B 0 0 0 0
AB 0 0 0 0
A 149 7 29 169
O 168 8 40 180
B 113 8 31 122
AB 15 0 1 17
A 144 10 31 171
300
200
100
0
A AB B O
n = 440 26 103 490
% error = 66 100 100 35
A AB B O
n = 440 26 103 490
% error = 67 100 70 63
Actual Class