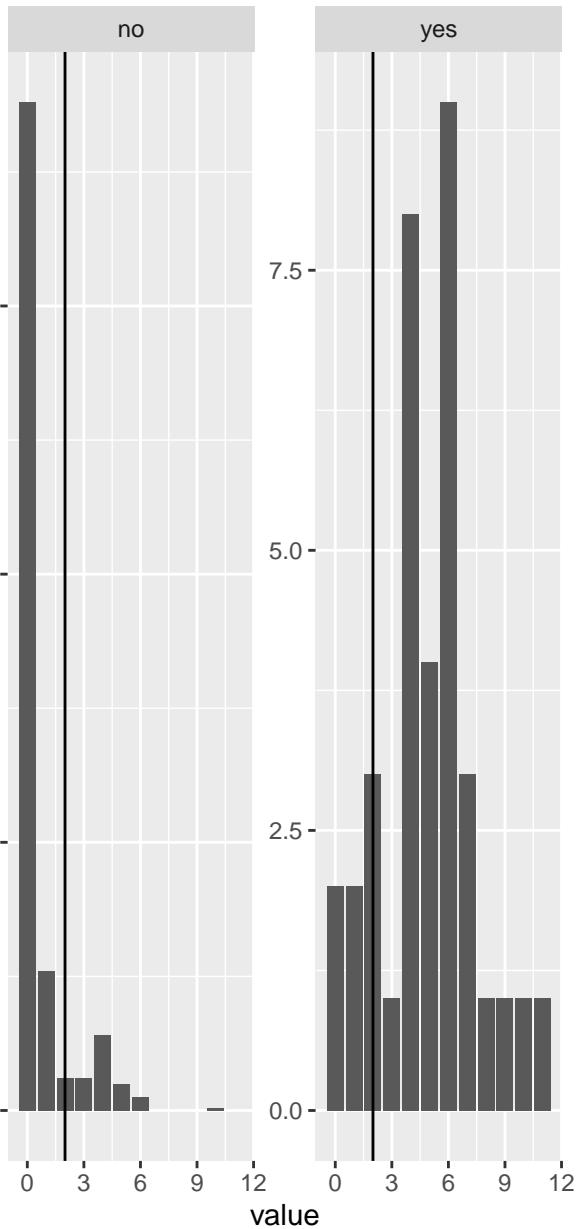


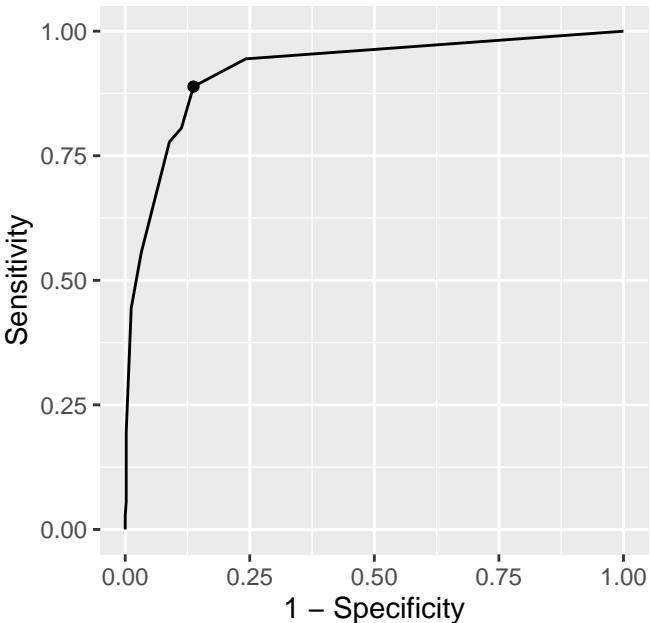


# Independent variable

optimal cutpoint and distribution by class

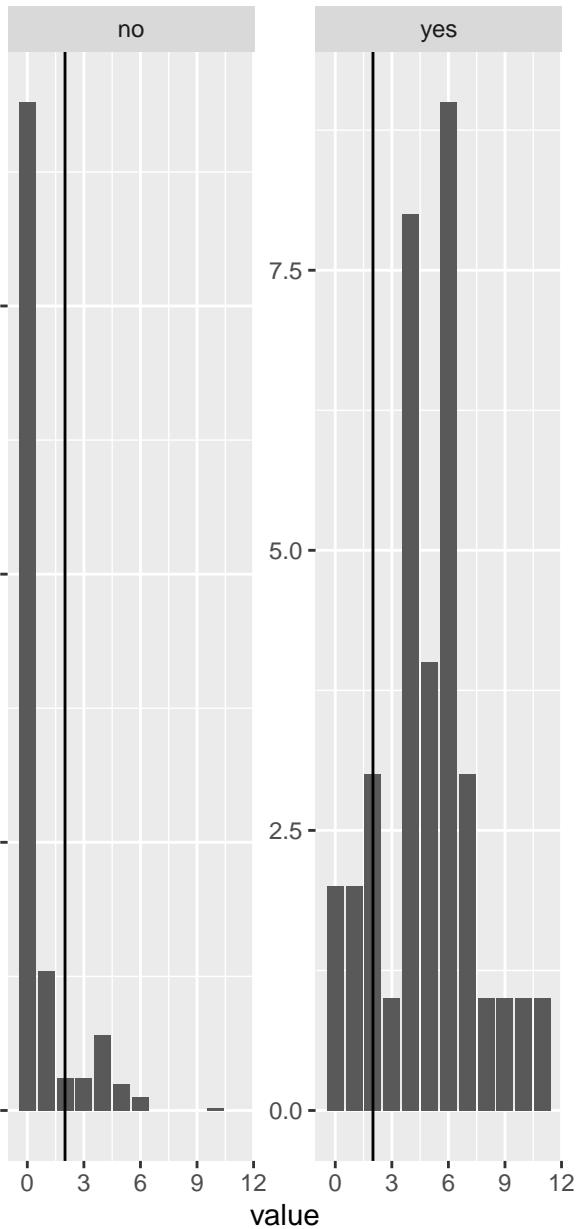


## ROC curve

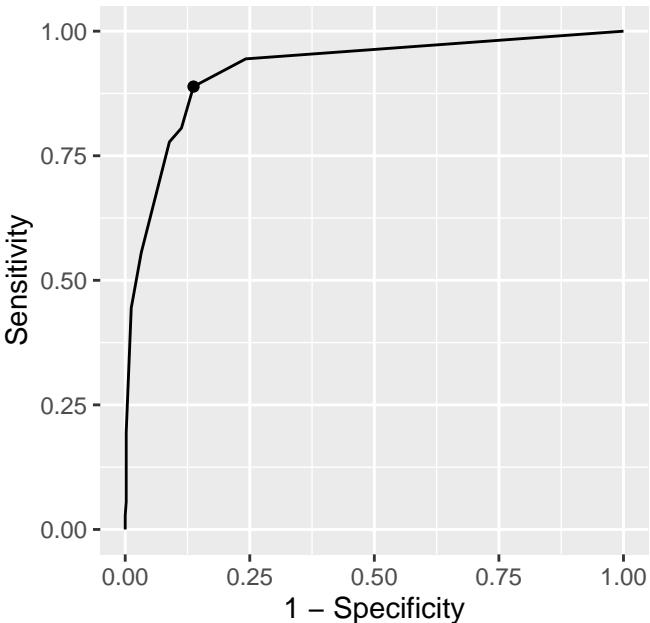


# Independent variable

optimal cutpoint and distribution by class

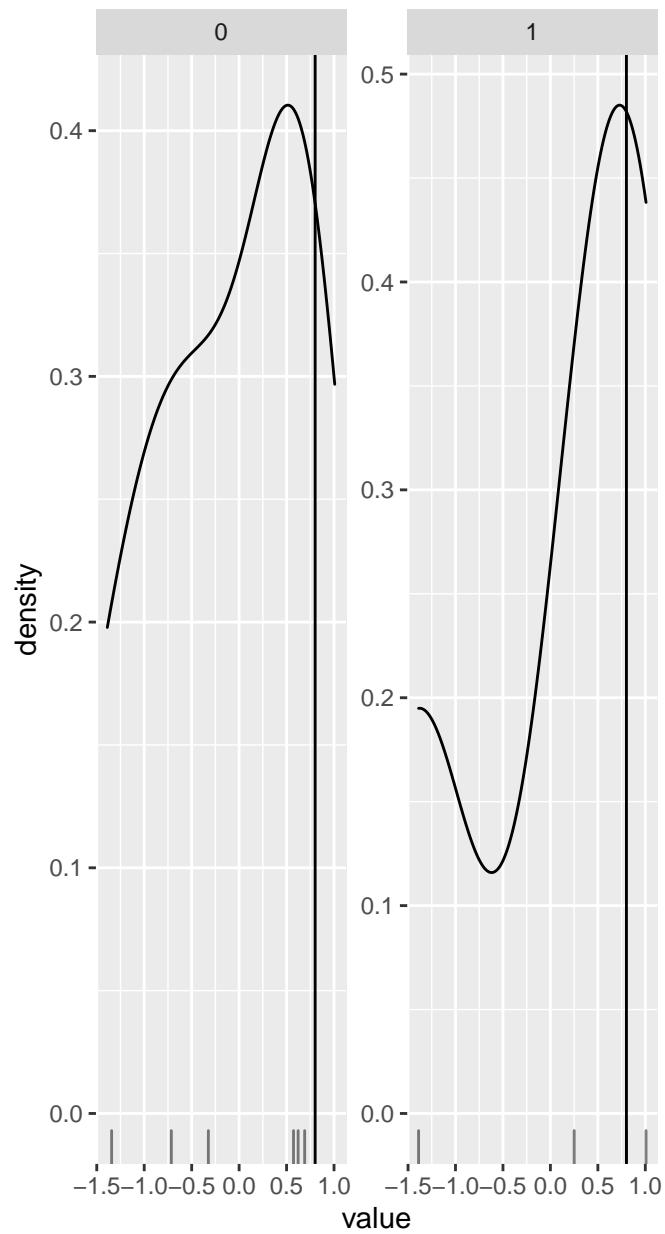


# ROC curve

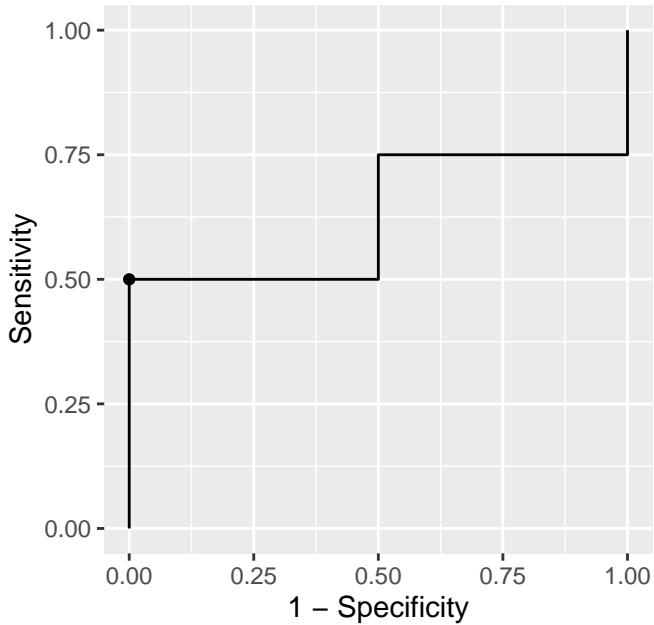


# Independent variable

optimal cutpoint and distribution by class

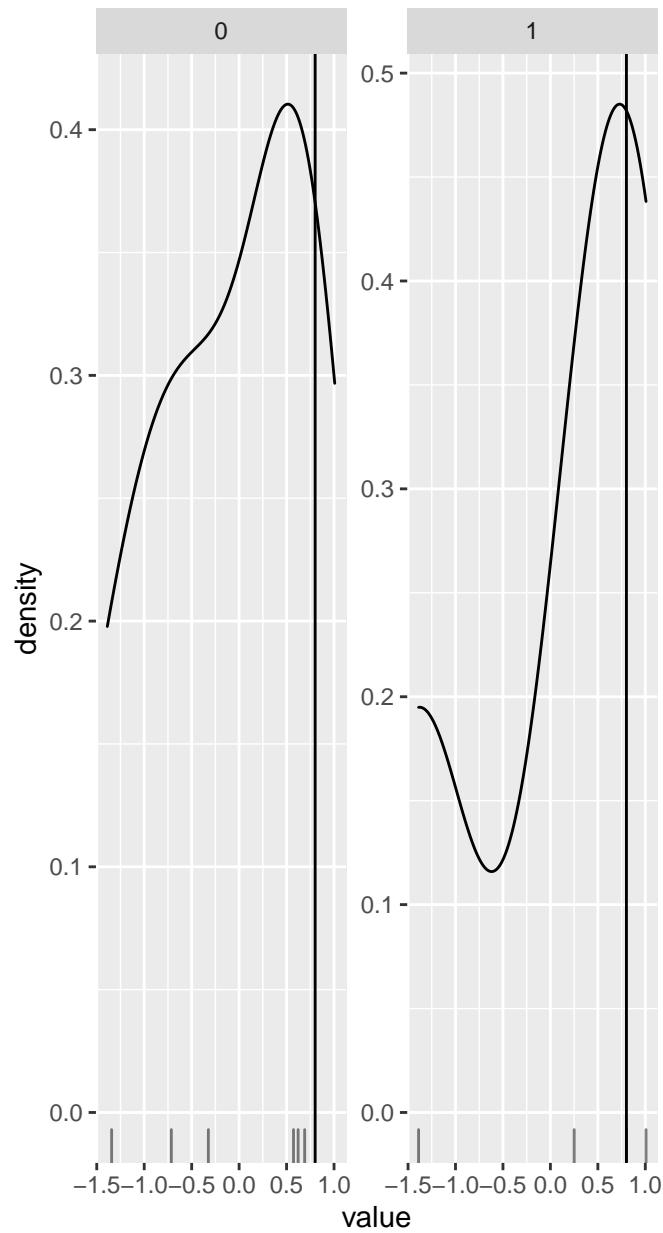


# ROC curve

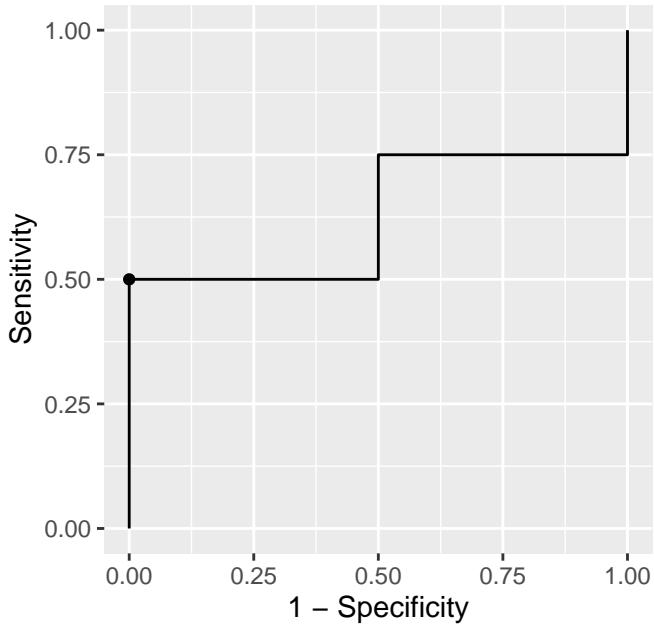


# Independent variable

optimal cutpoint and distribution by class

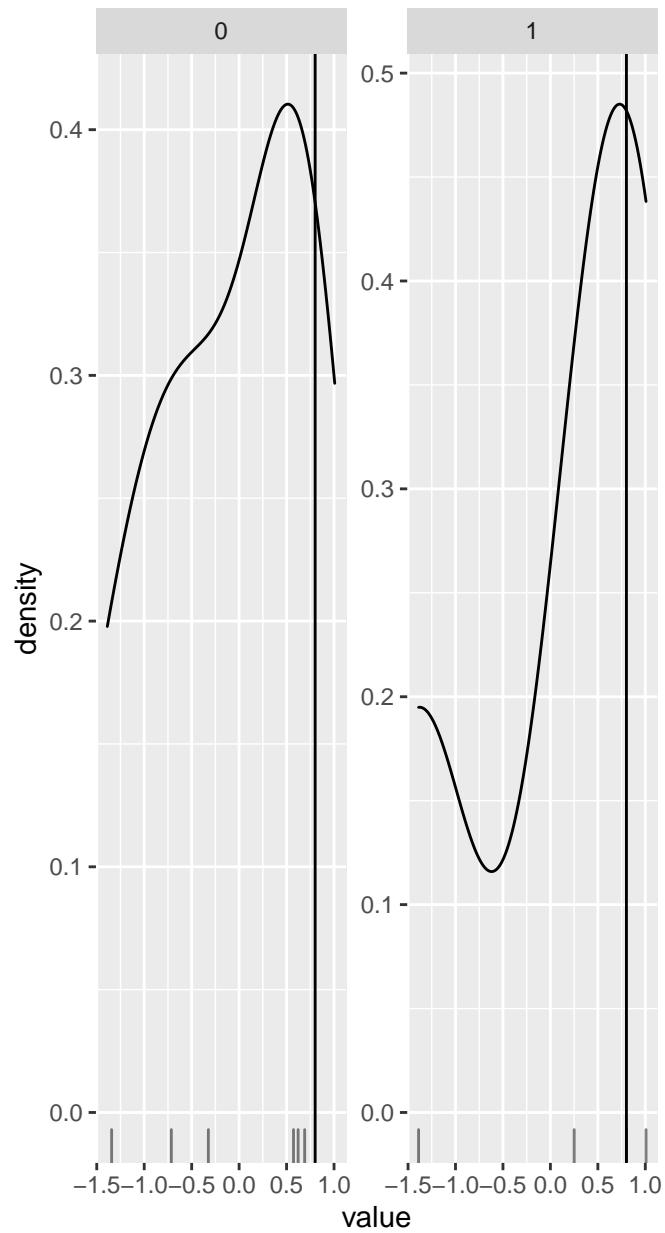


# ROC curve

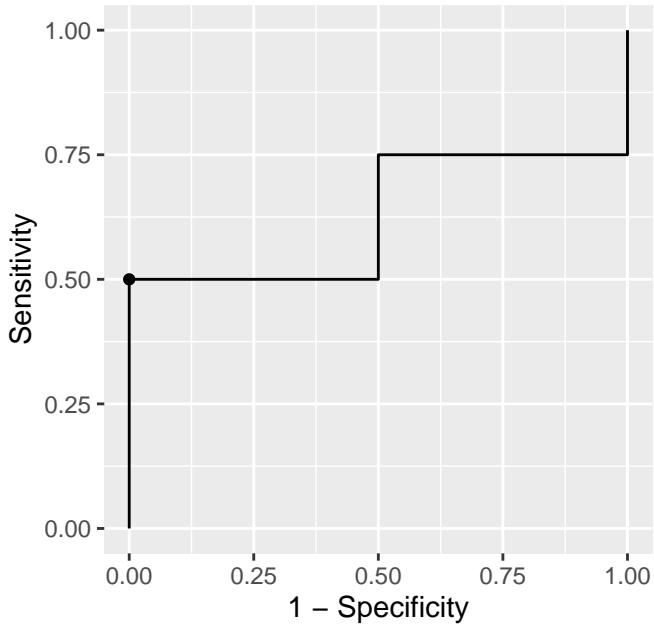


# Independent variable

optimal cutpoint and distribution by class

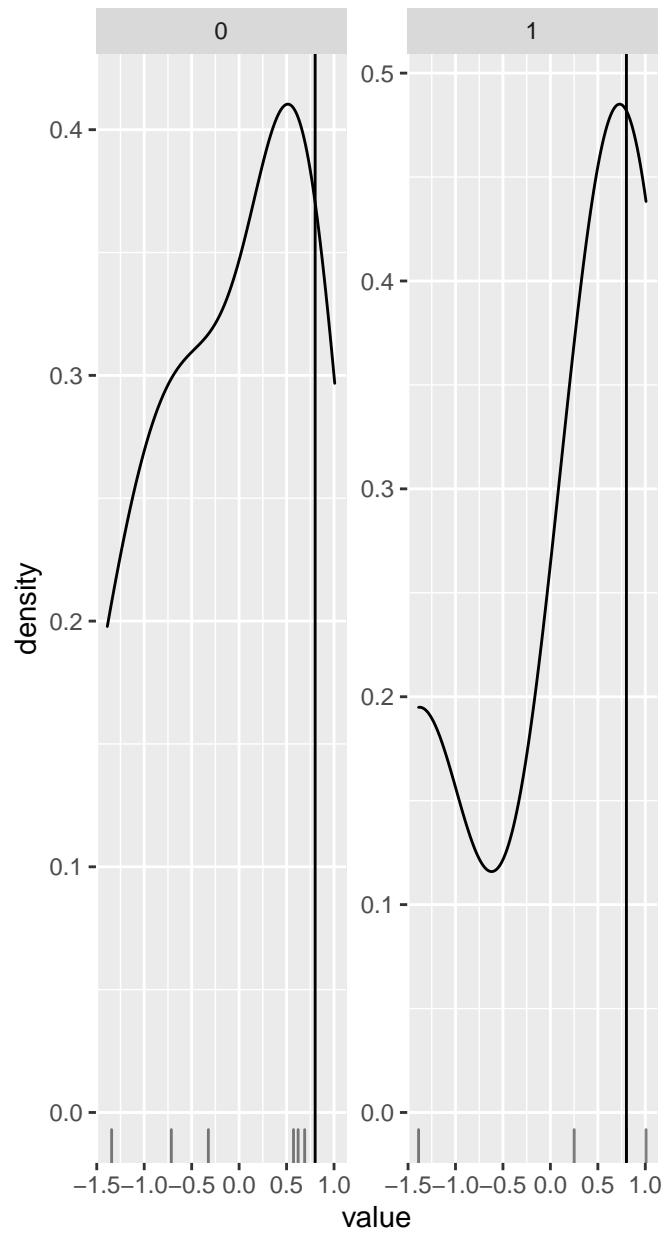


# ROC curve

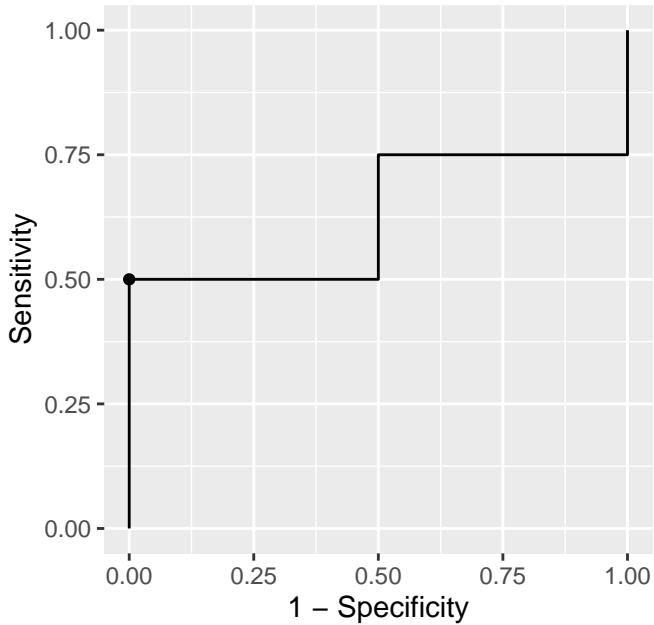


# Independent variable

optimal cutpoint and distribution by class

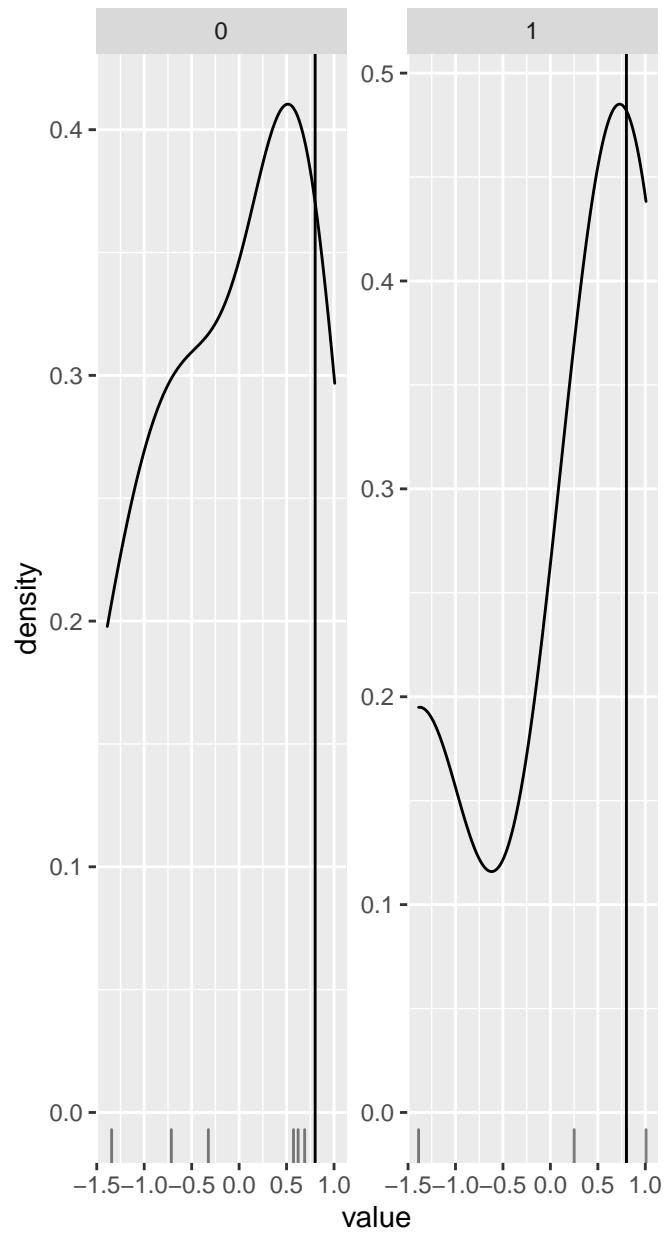


# ROC curve

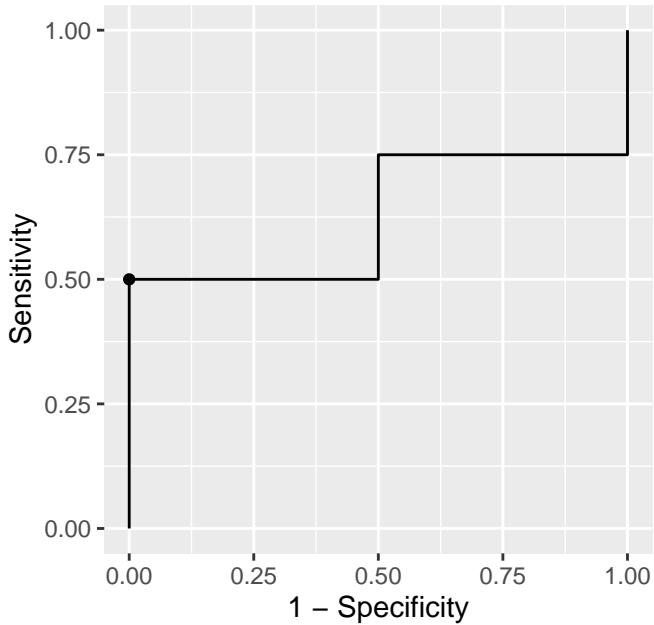


# Independent variable

optimal cutpoint and distribution by class

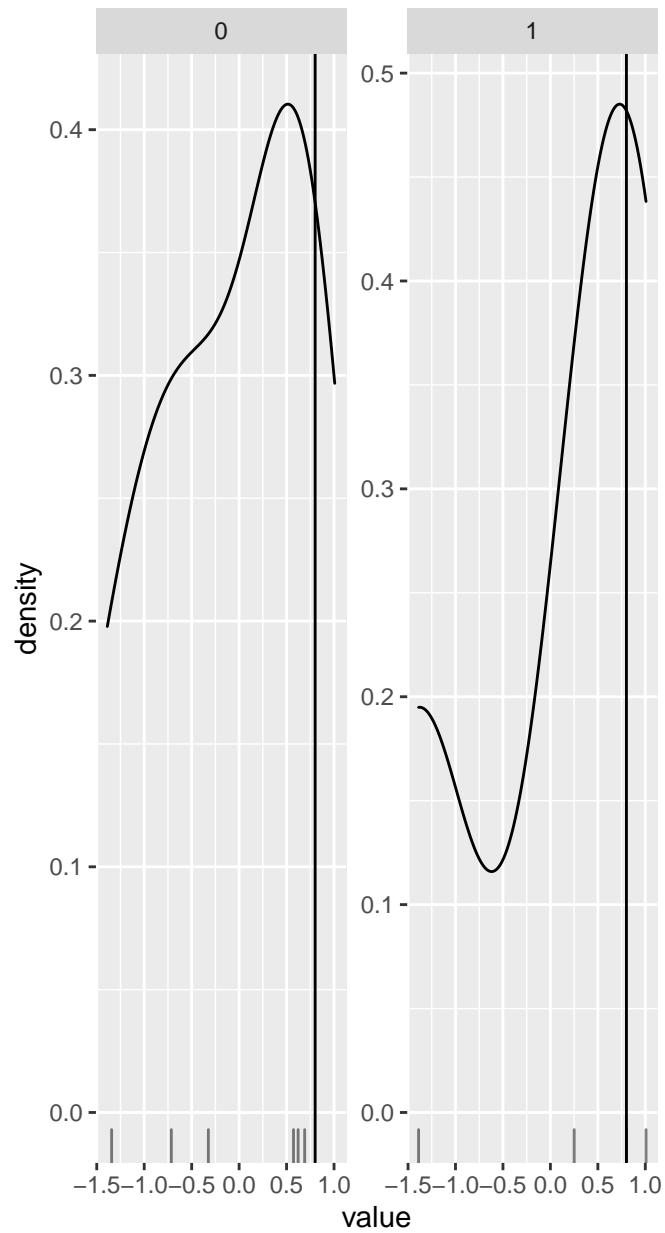


# ROC curve

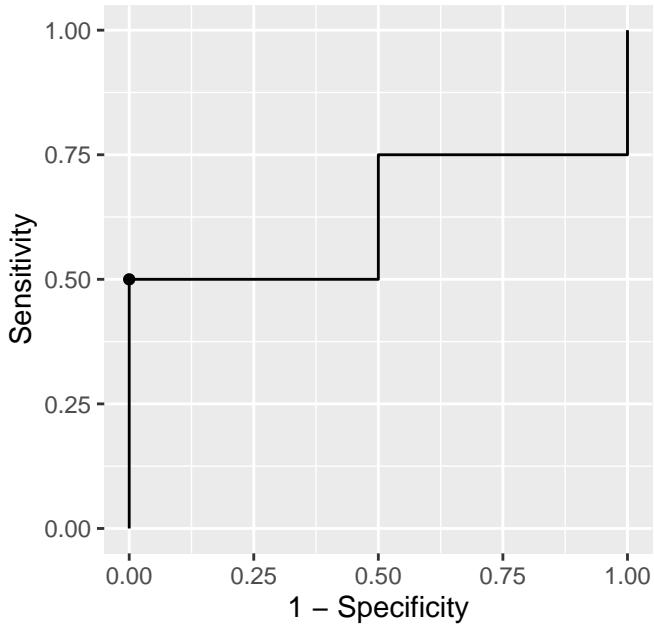


# Independent variable

optimal cutpoint and distribution by class

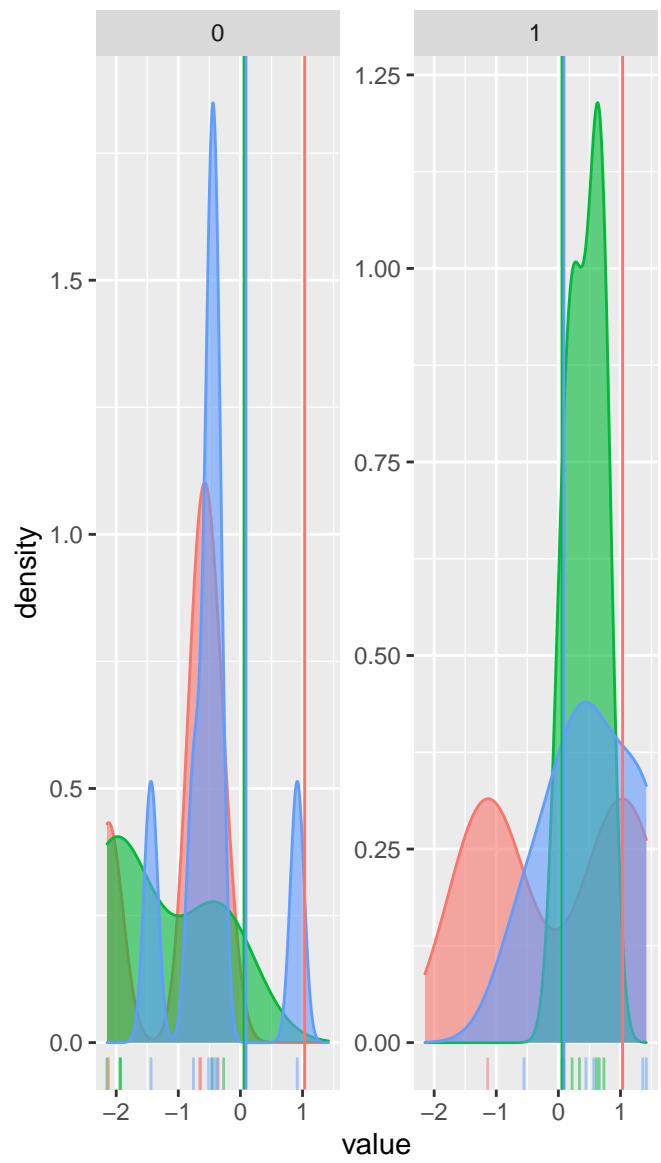


# ROC curve



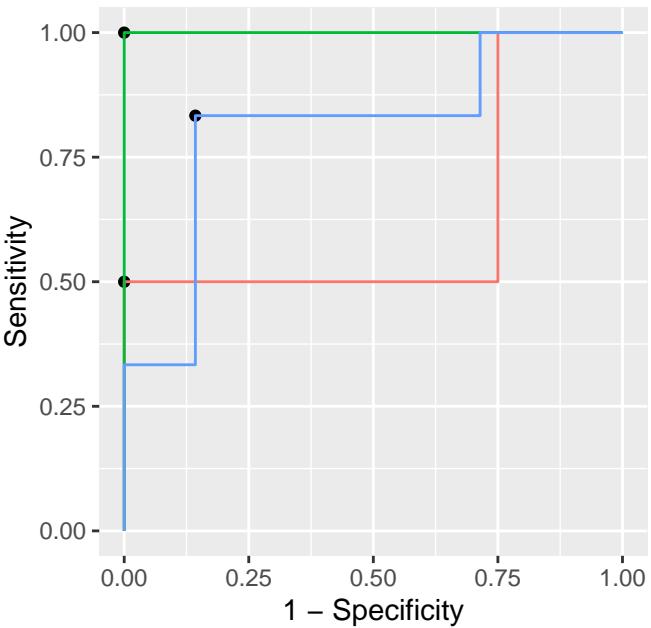
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

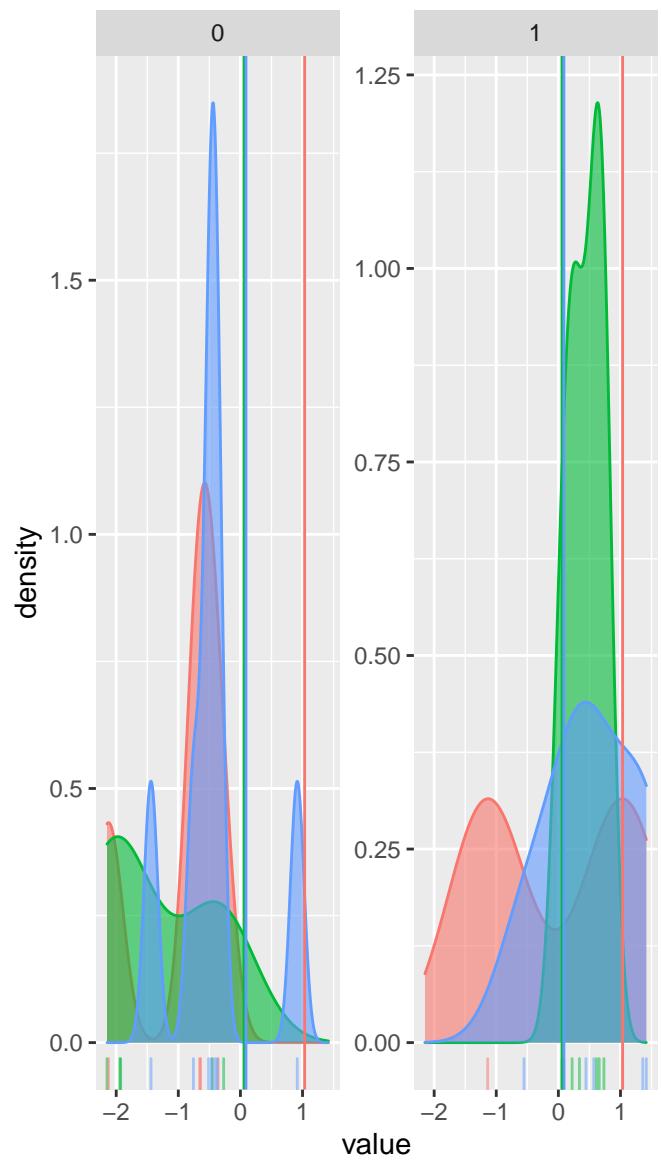
by class



Subgroup 0 1 2

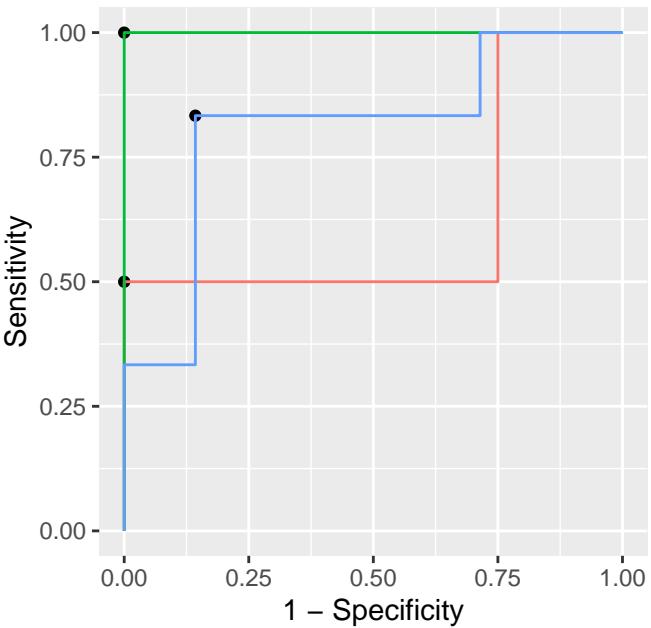
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

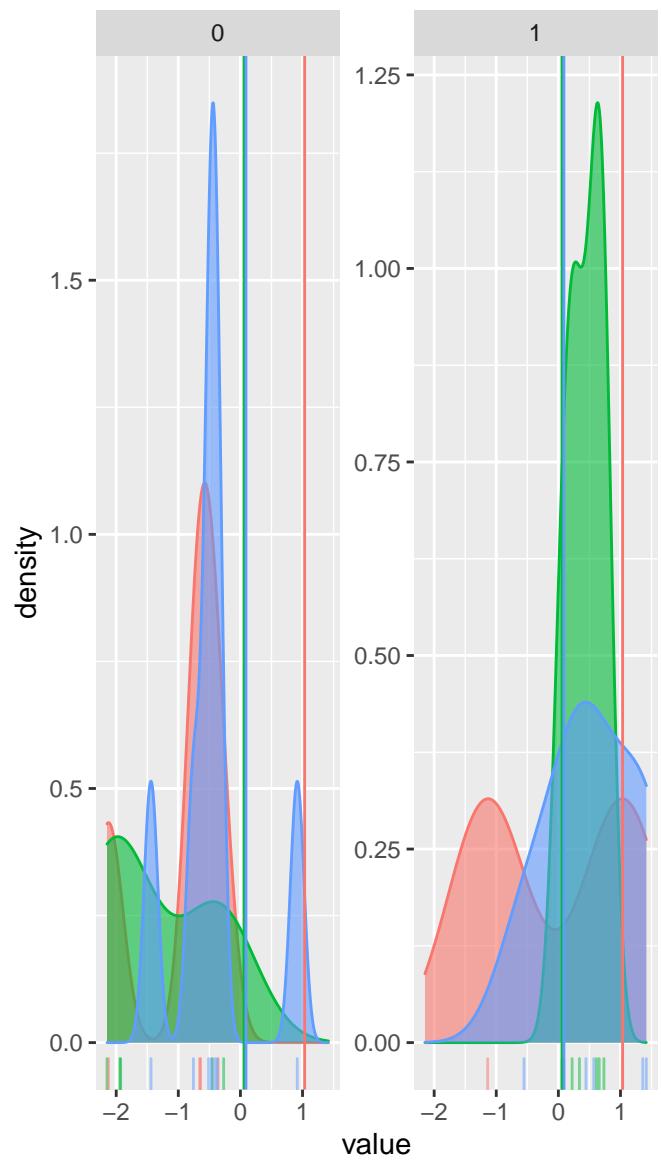
by class



Subgroup 0 1 2

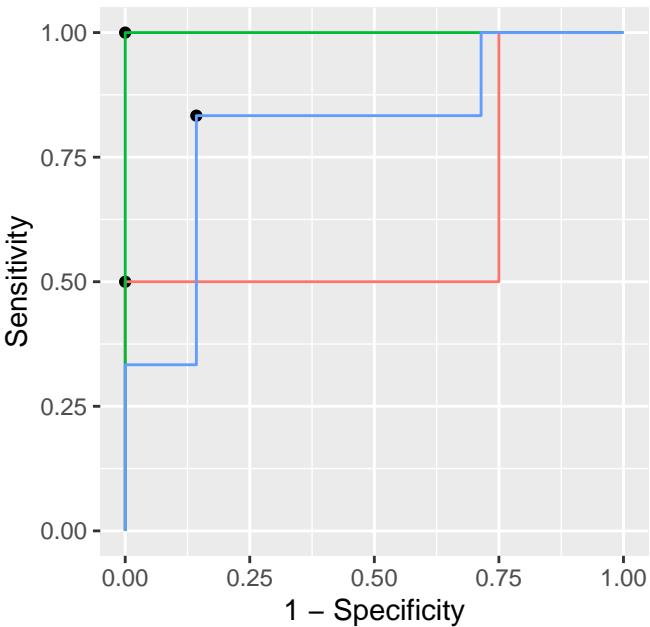
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

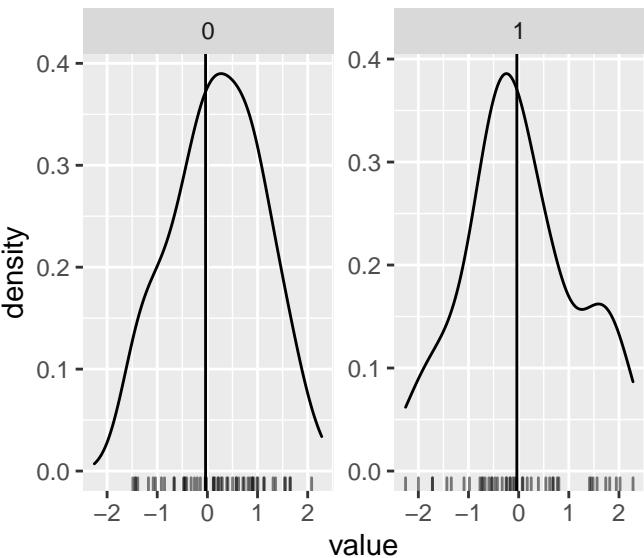
by class



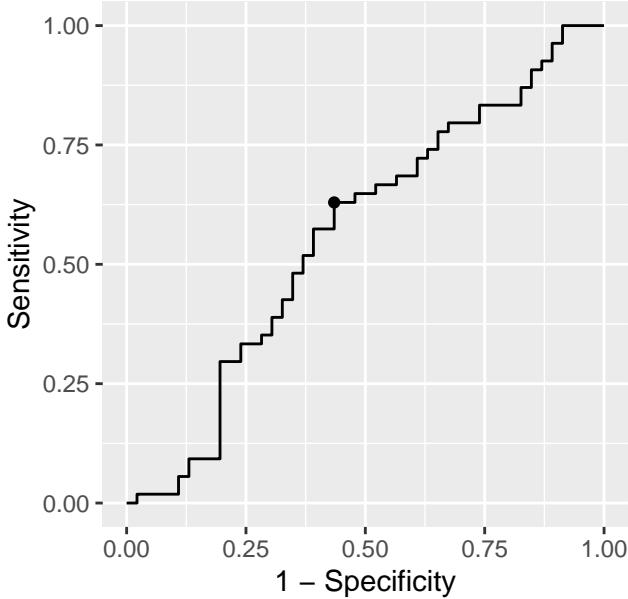
Subgroup 0 1 2

## Independent variable

optimal cutpoint and distribution by class

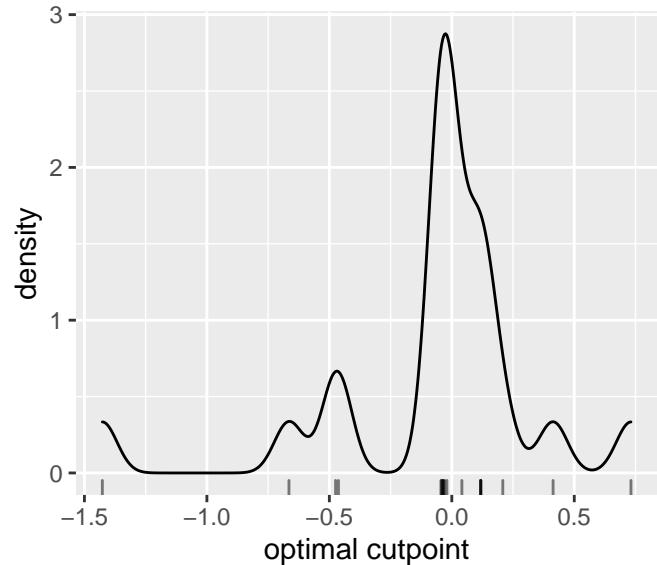


## ROC curve



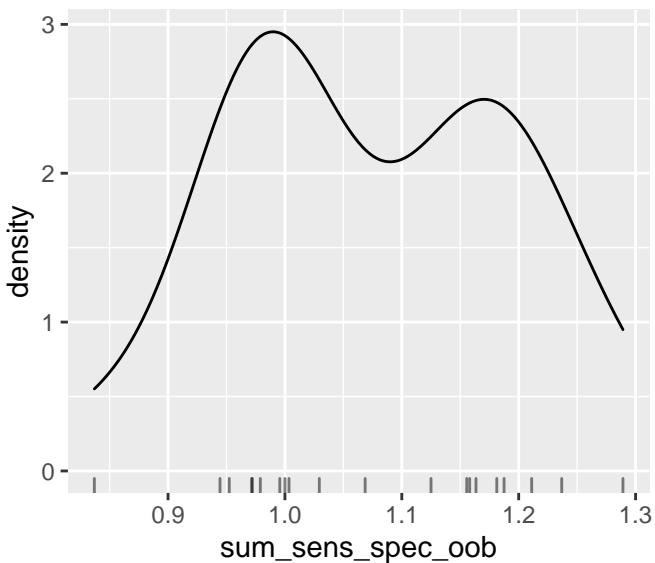
## Bootstrap

distribution of optimal cutpoints



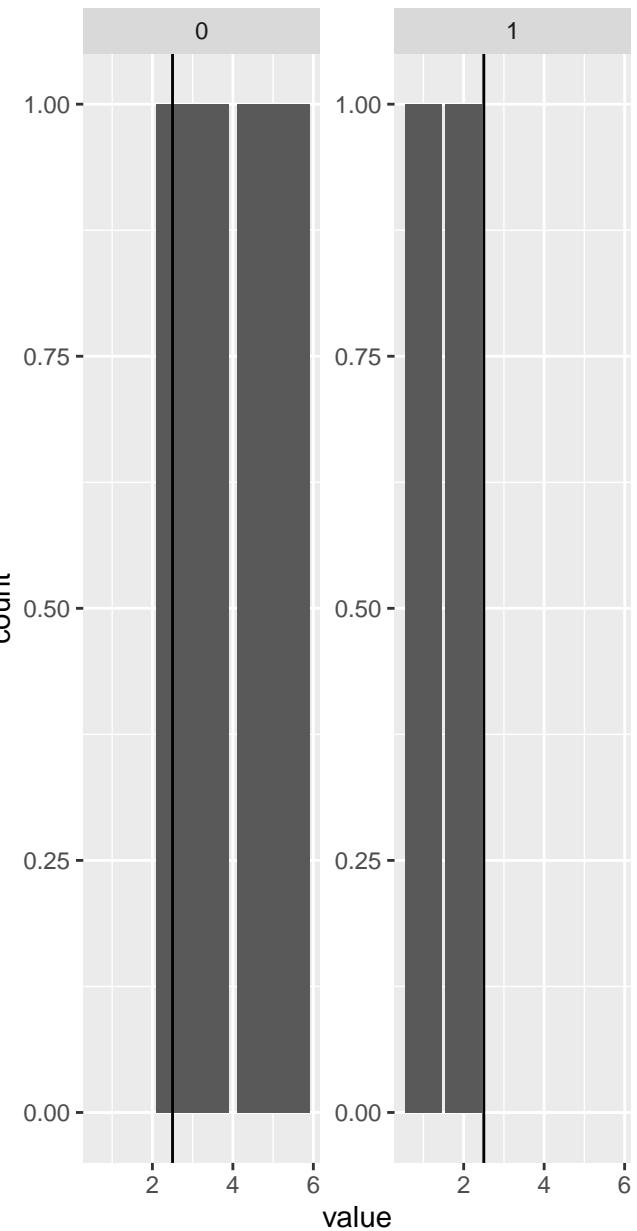
## Bootstrap

out-of-bag estimates

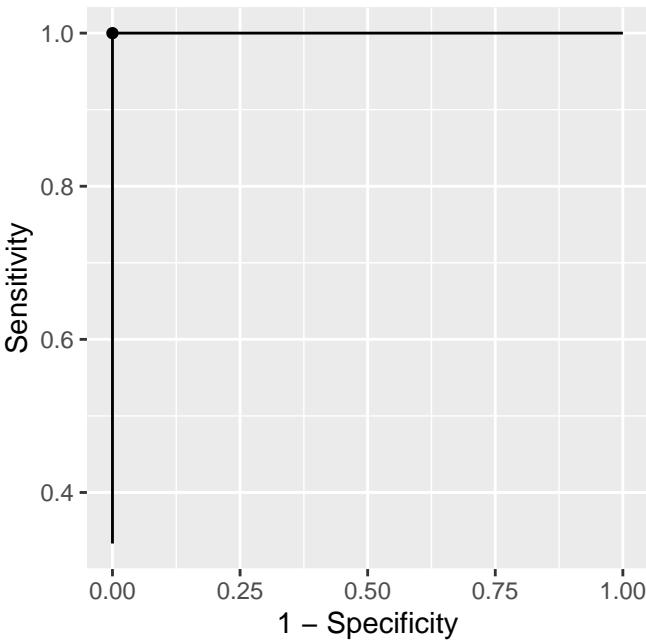


# Independent variable

optimal cutpoint and distribution by class

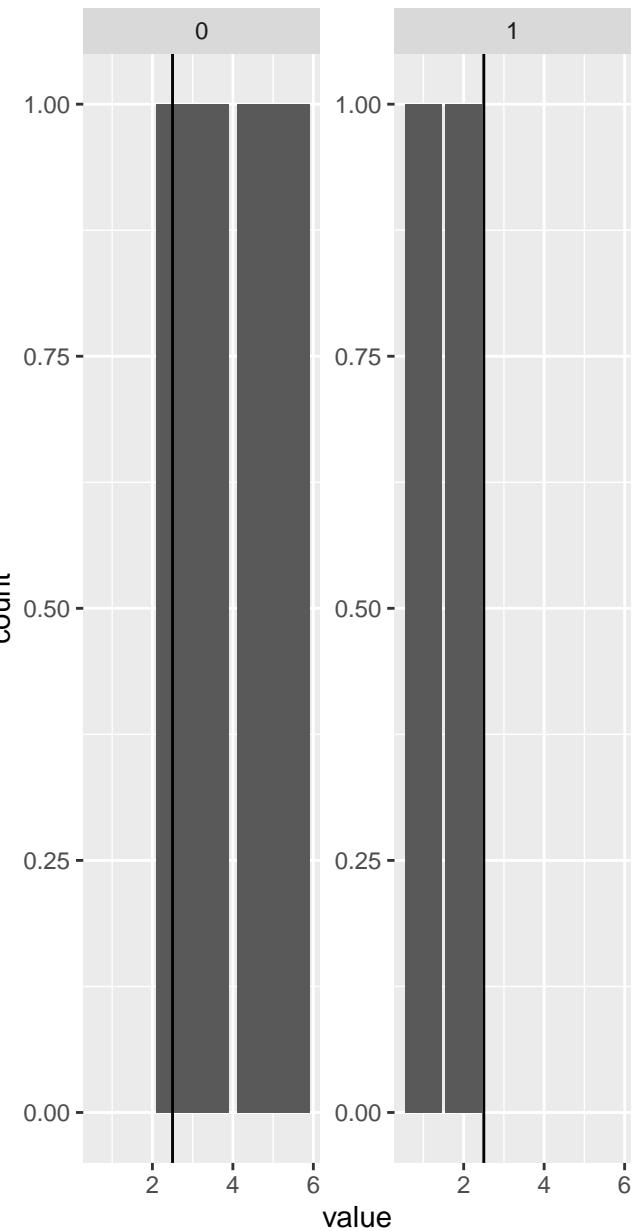


# ROC curve

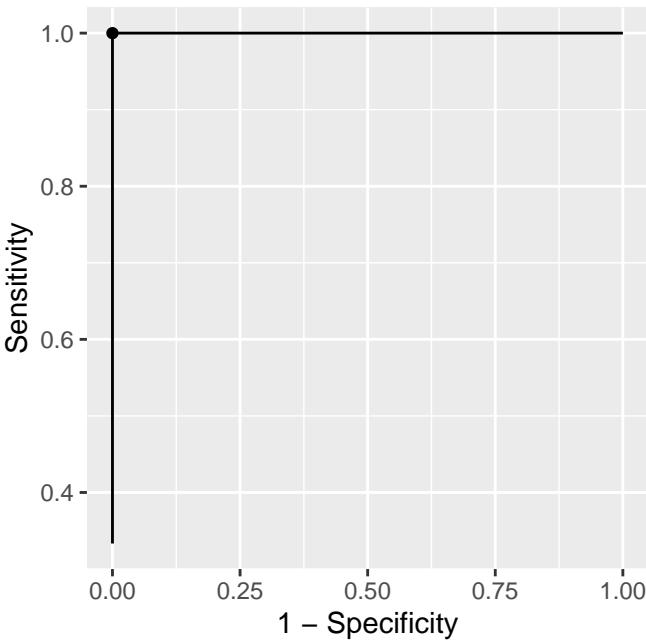


# Independent variable

optimal cutpoint and distribution by class

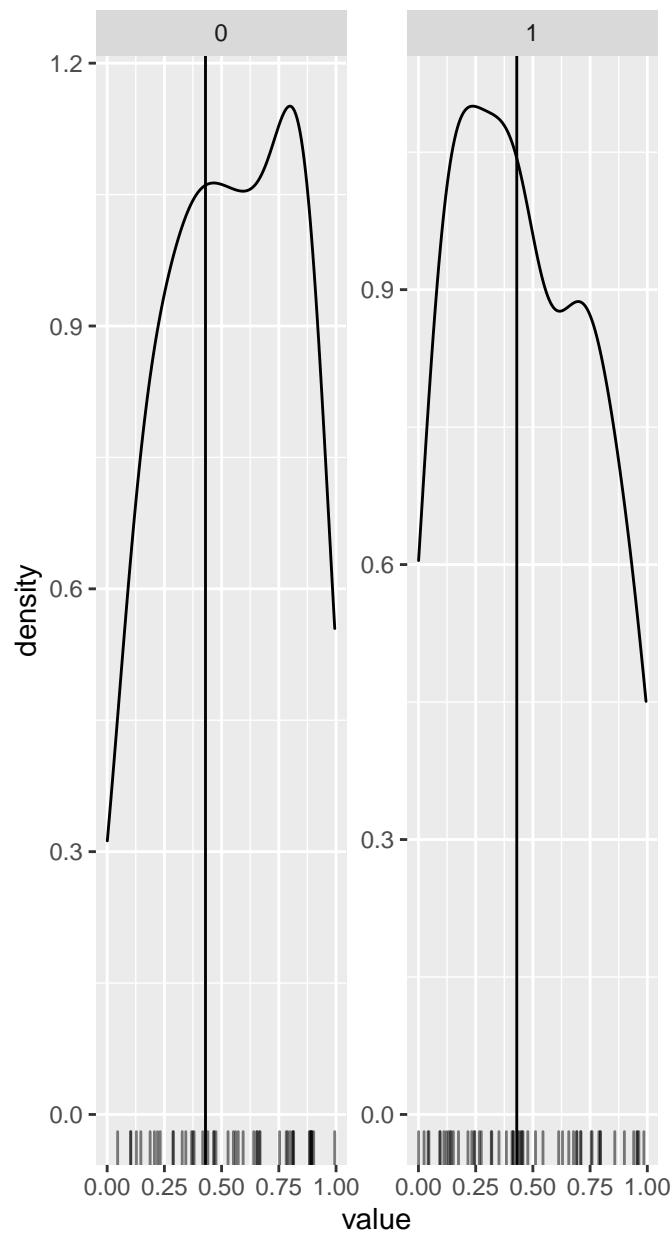


# ROC curve

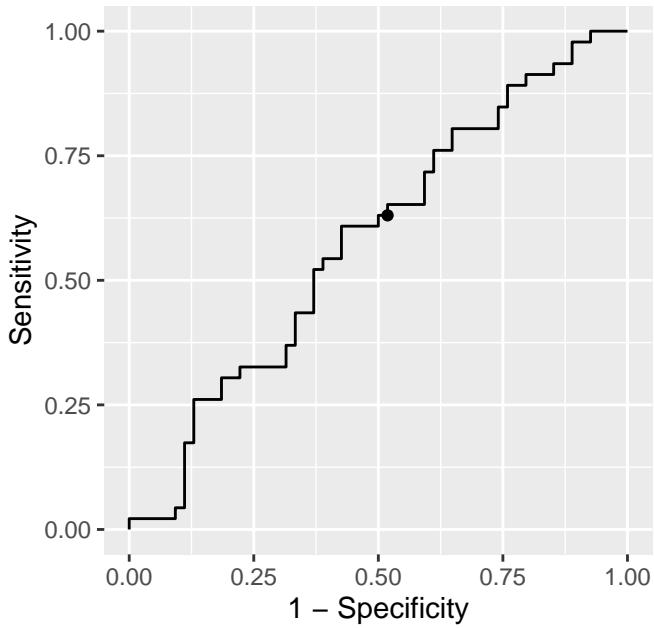


# Independent variable

optimal cutpoint and distribution by class

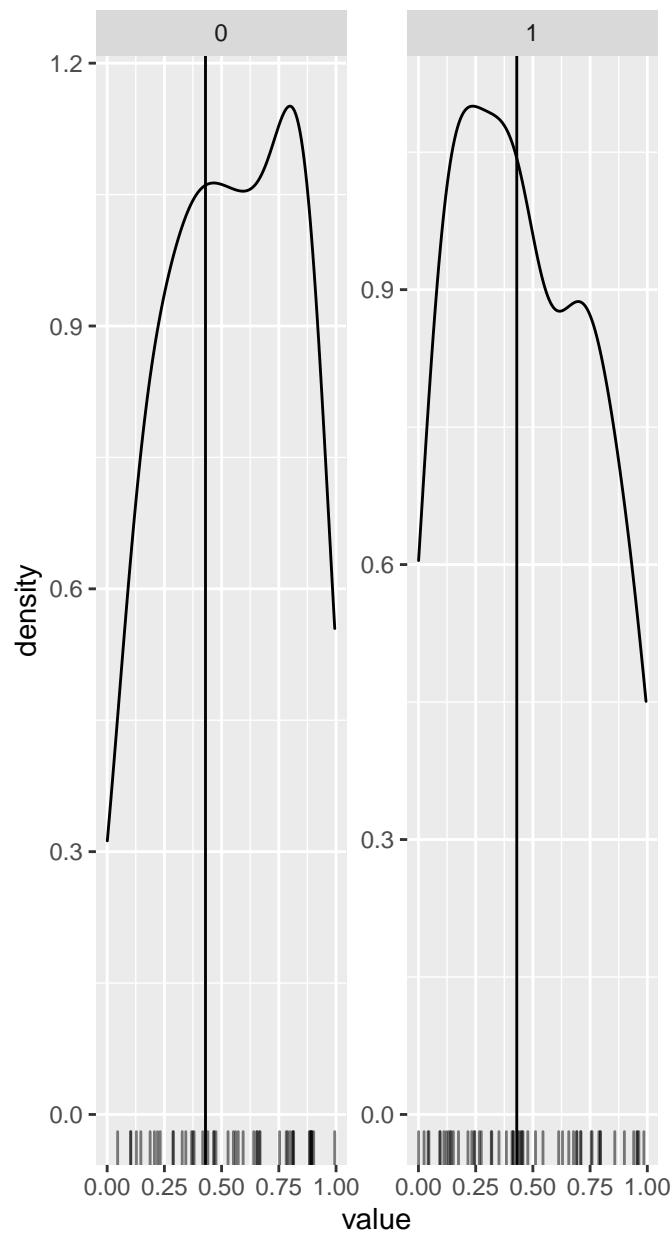


# ROC curve

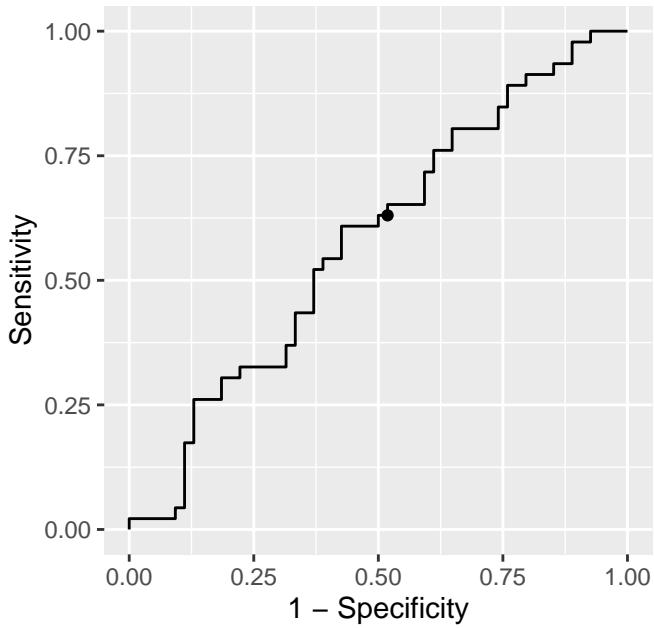


# Independent variable

optimal cutpoint and distribution by class

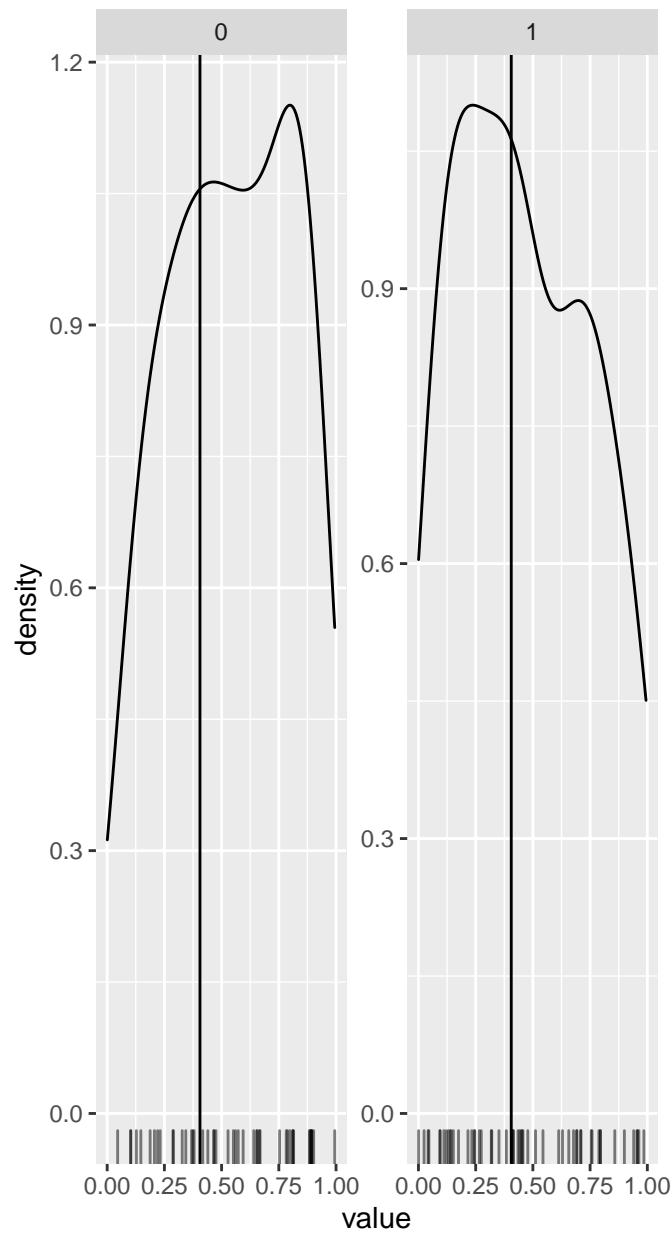


# ROC curve

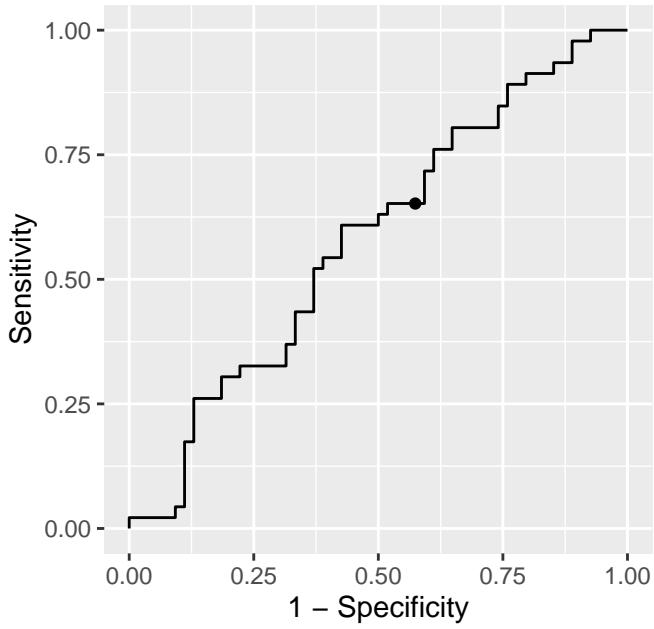


# Independent variable

optimal cutpoint and distribution by class

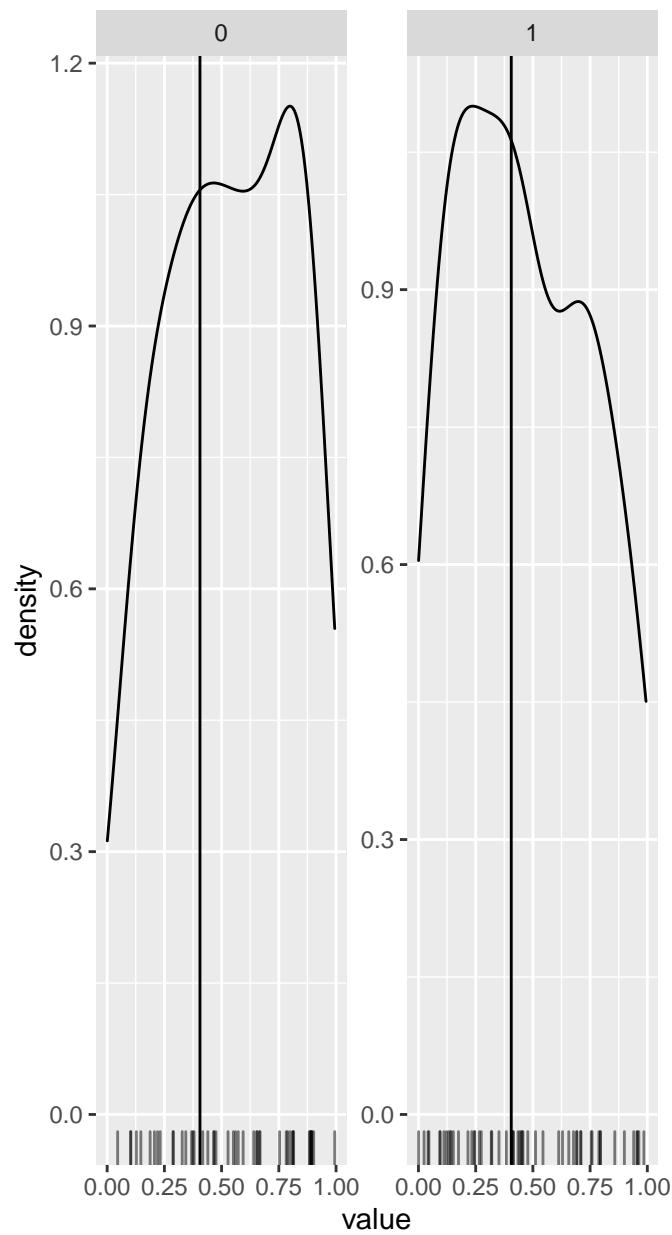


# ROC curve

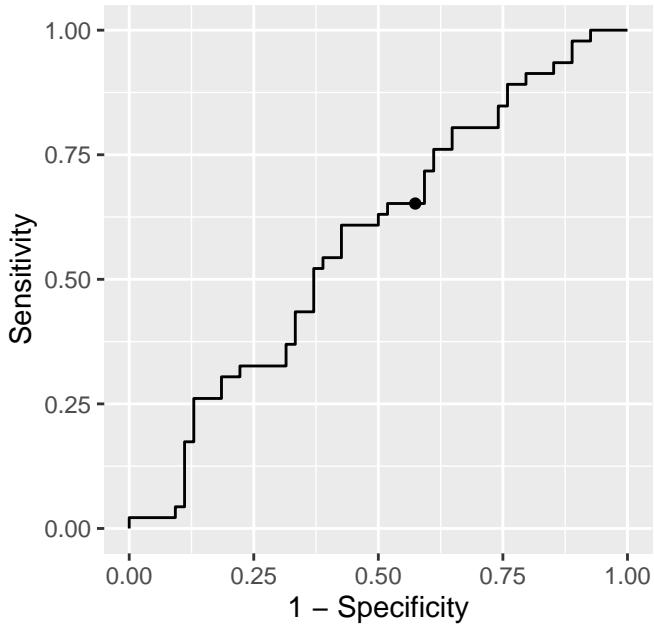


# Independent variable

optimal cutpoint and distribution by class

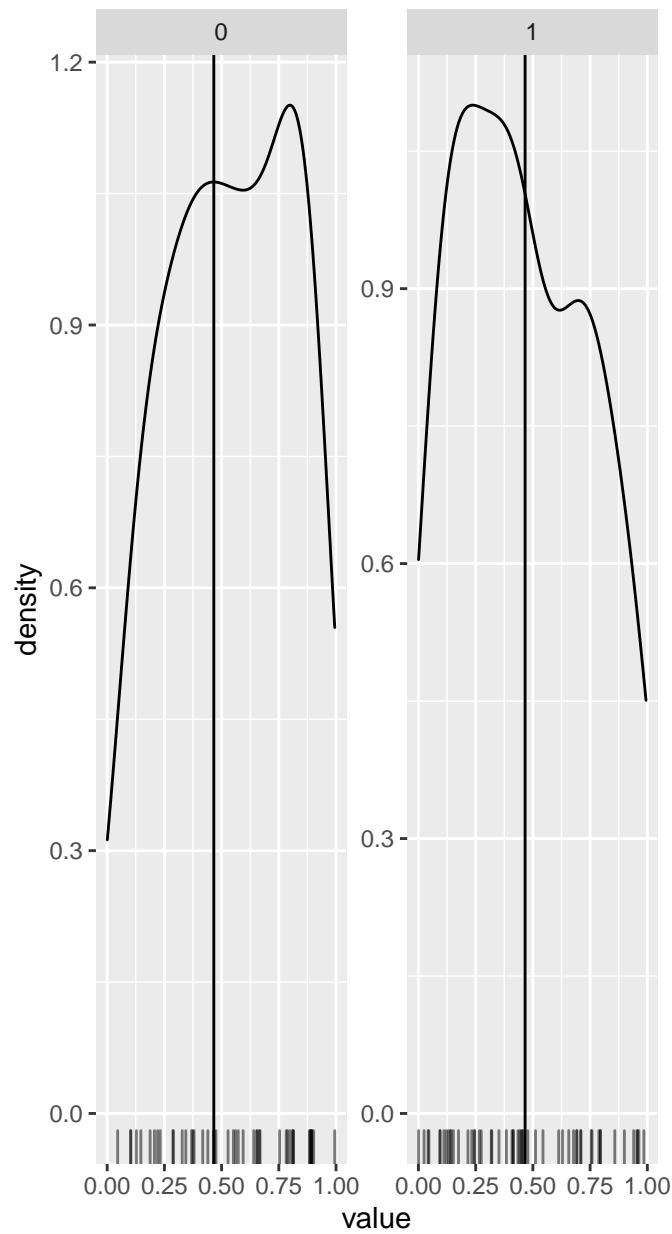


# ROC curve

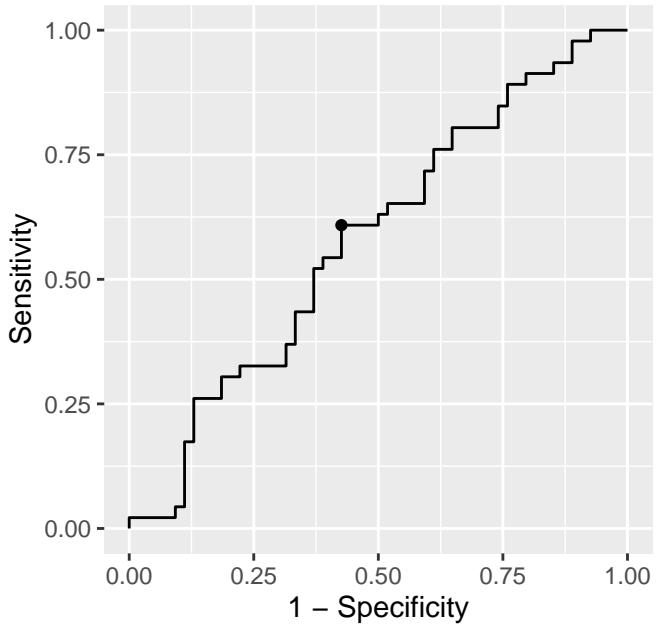


# Independent variable

optimal cutpoint and distribution by class

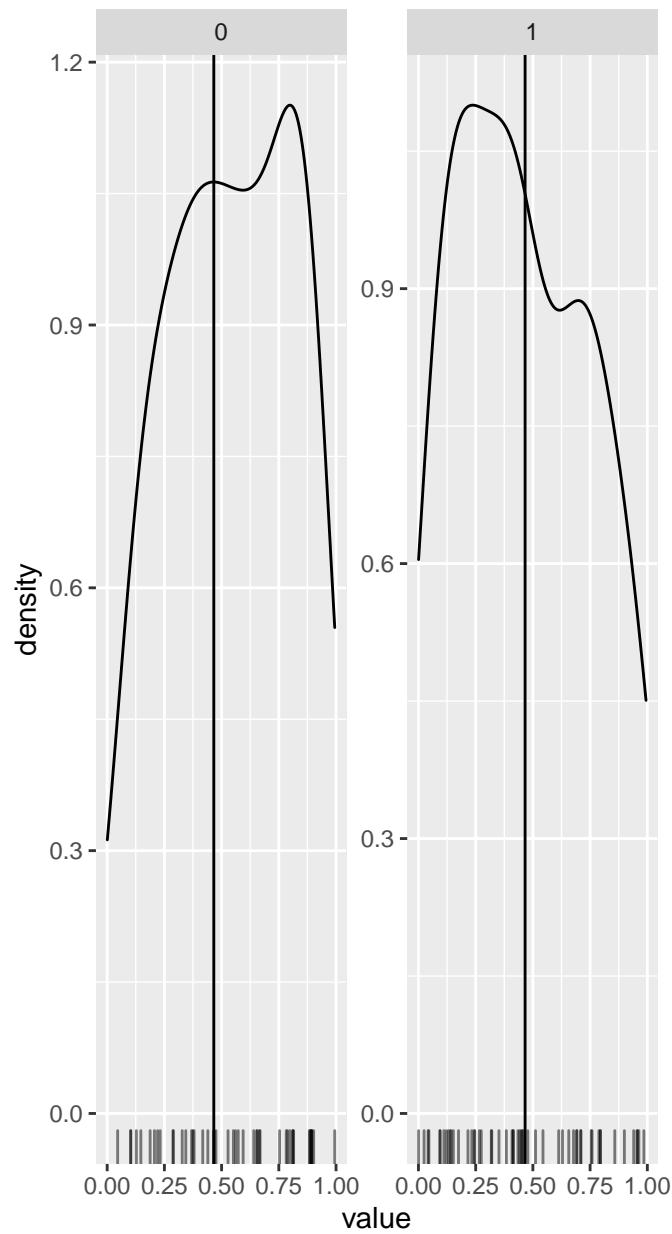


# ROC curve

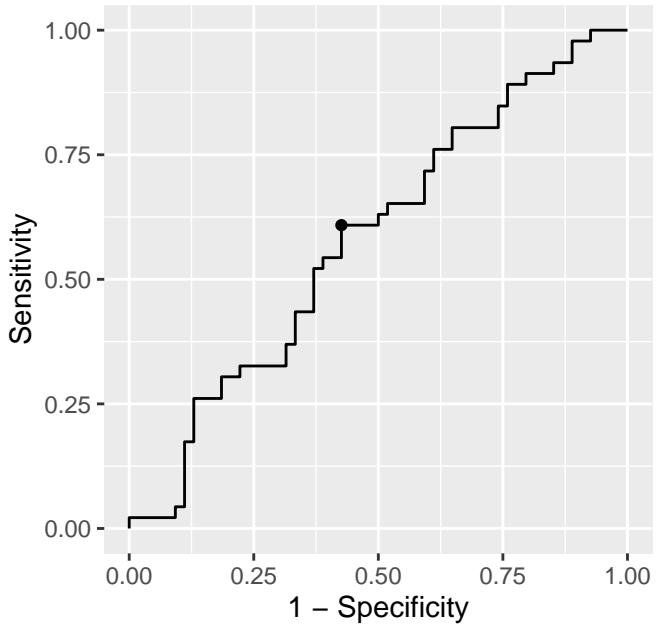


# Independent variable

optimal cutpoint and distribution by class

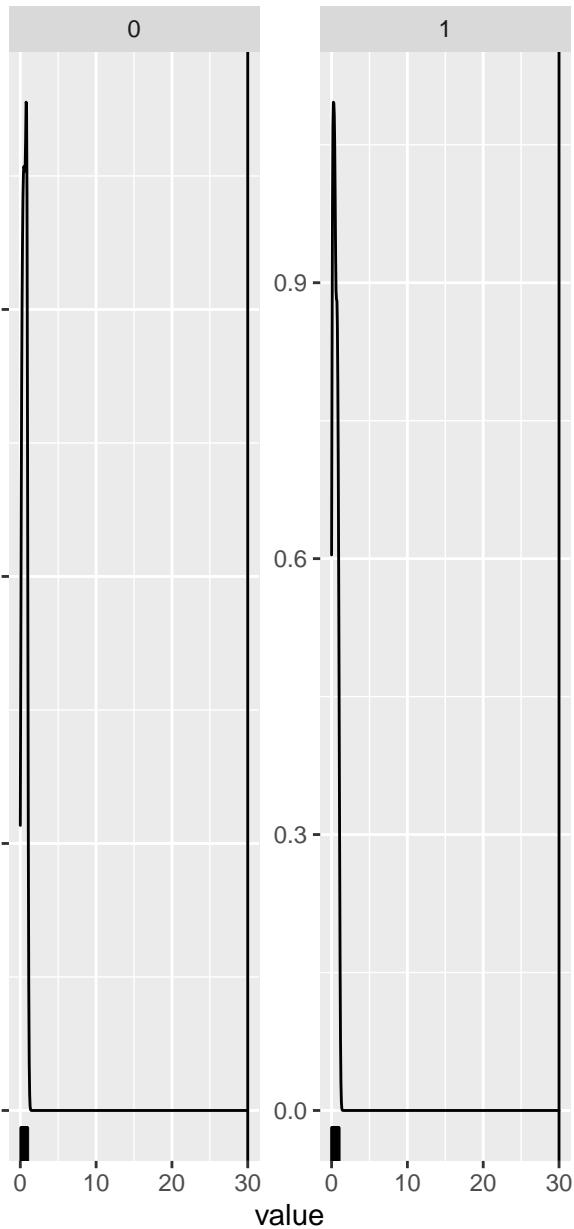


# ROC curve

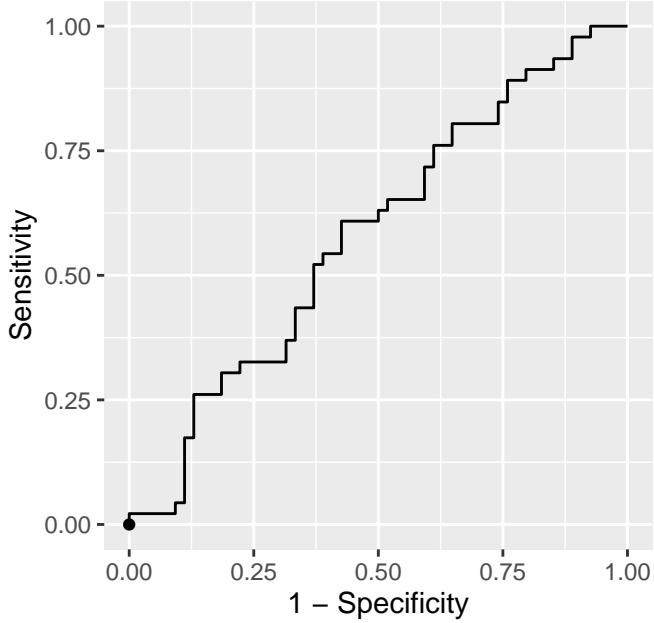


# Independent variable

optimal cutpoint and distribution by class

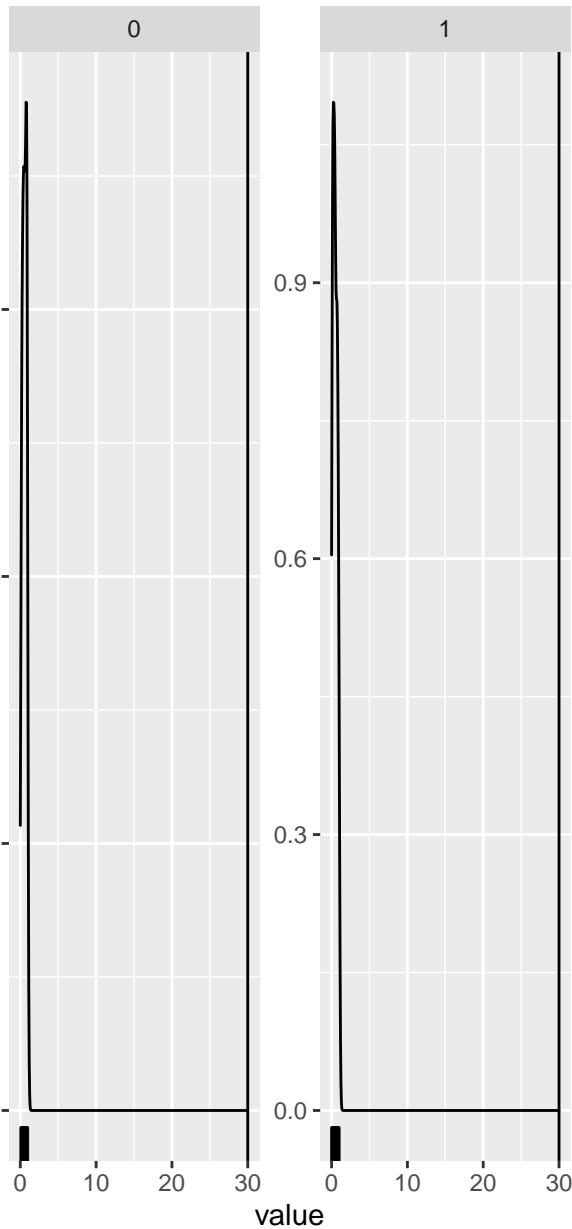


# ROC curve

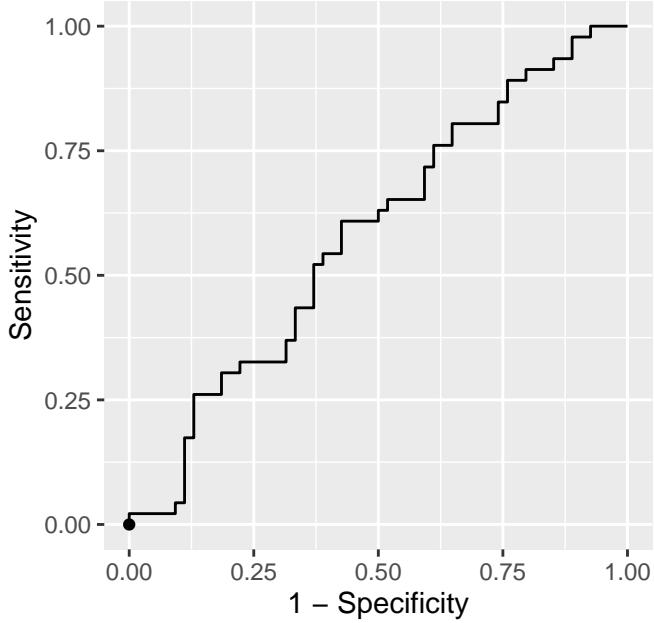


# Independent variable

optimal cutpoint and distribution by class

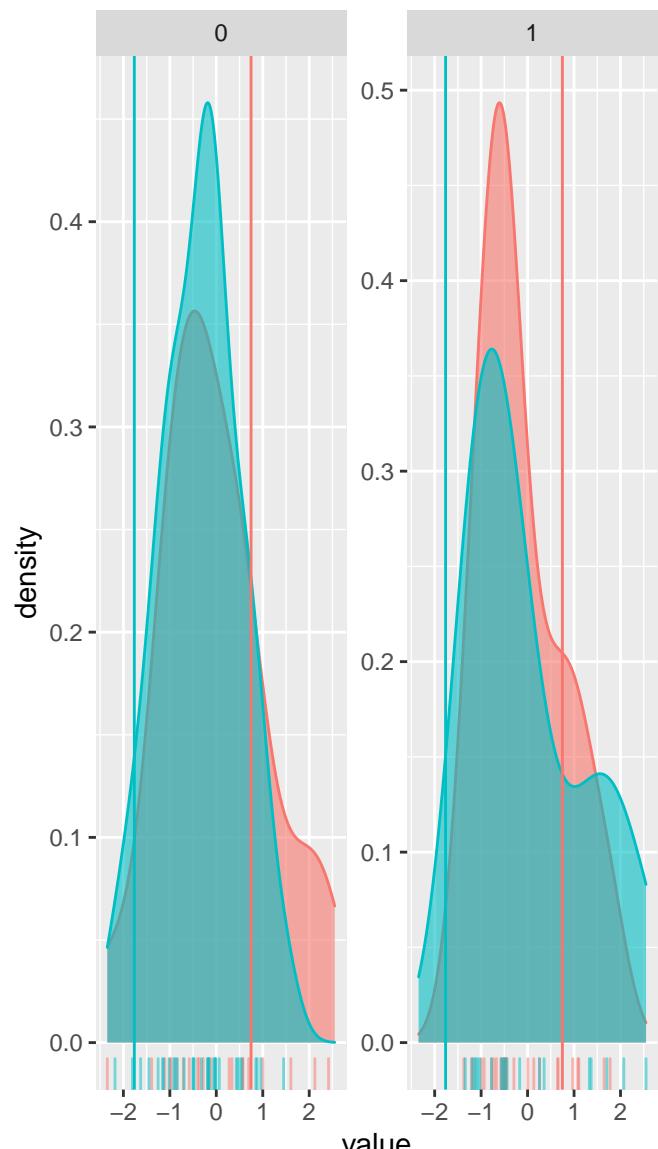


# ROC curve



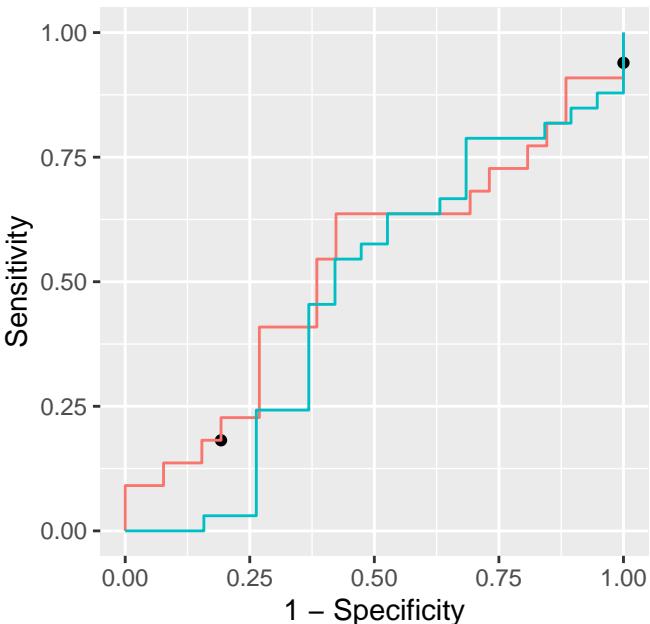
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

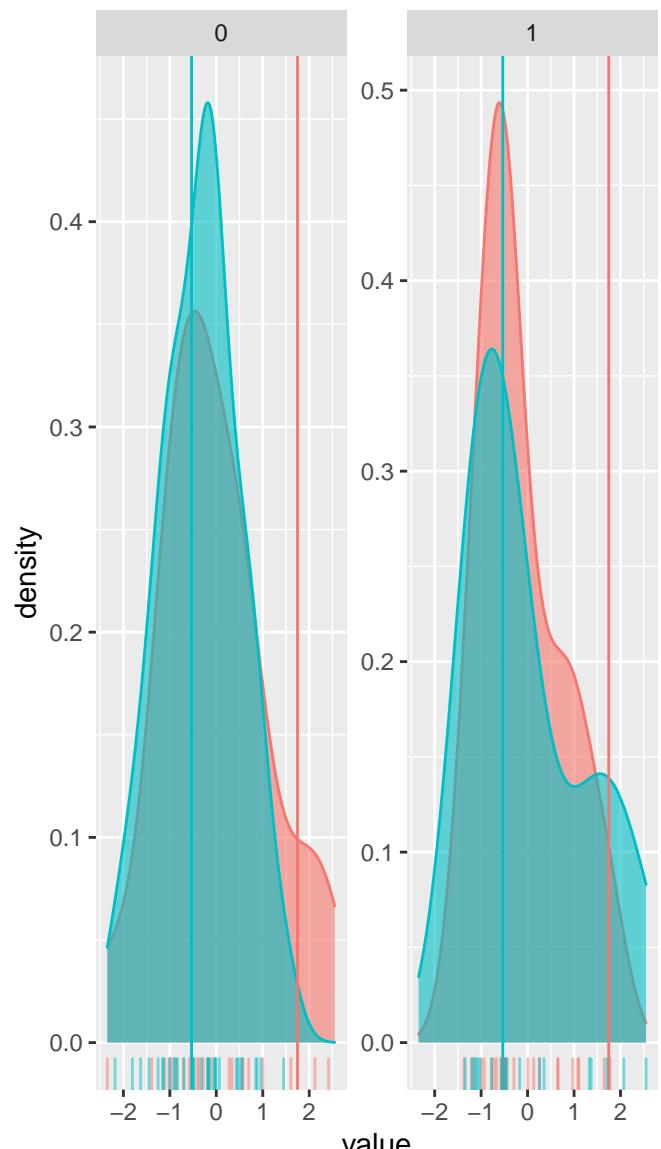
by class



Subgroup ■ 0 ■ 1

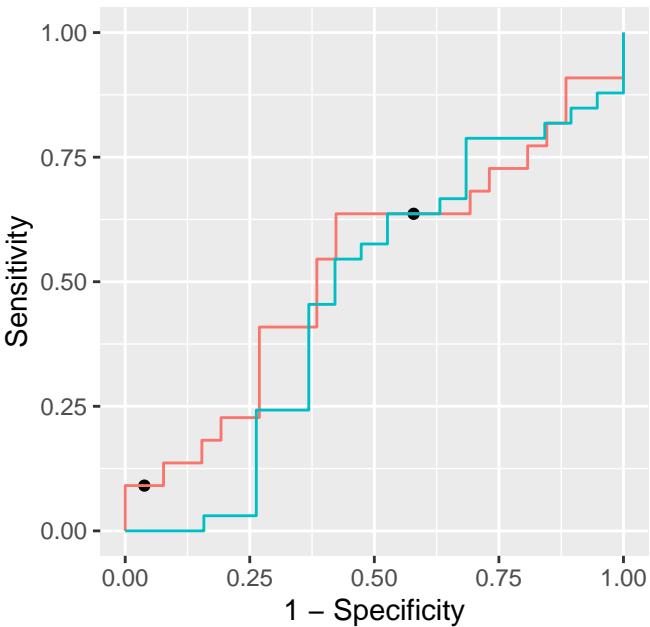
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

by class



Subgroup ■ 0 ■ 1

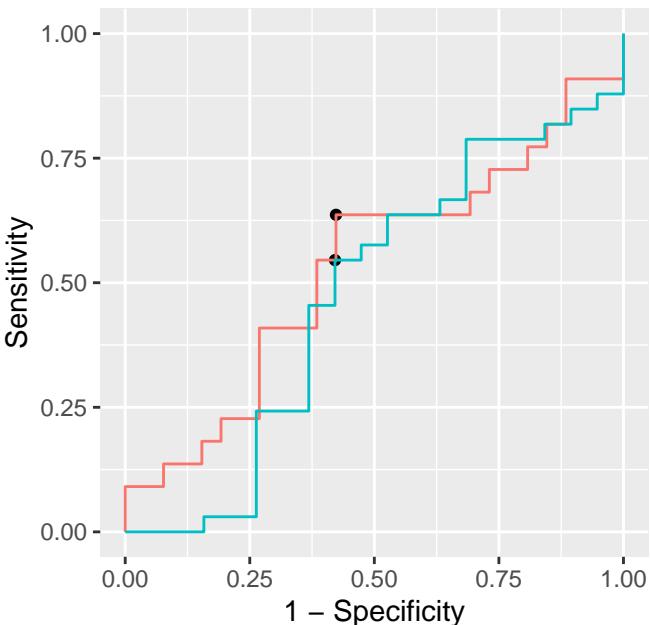
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

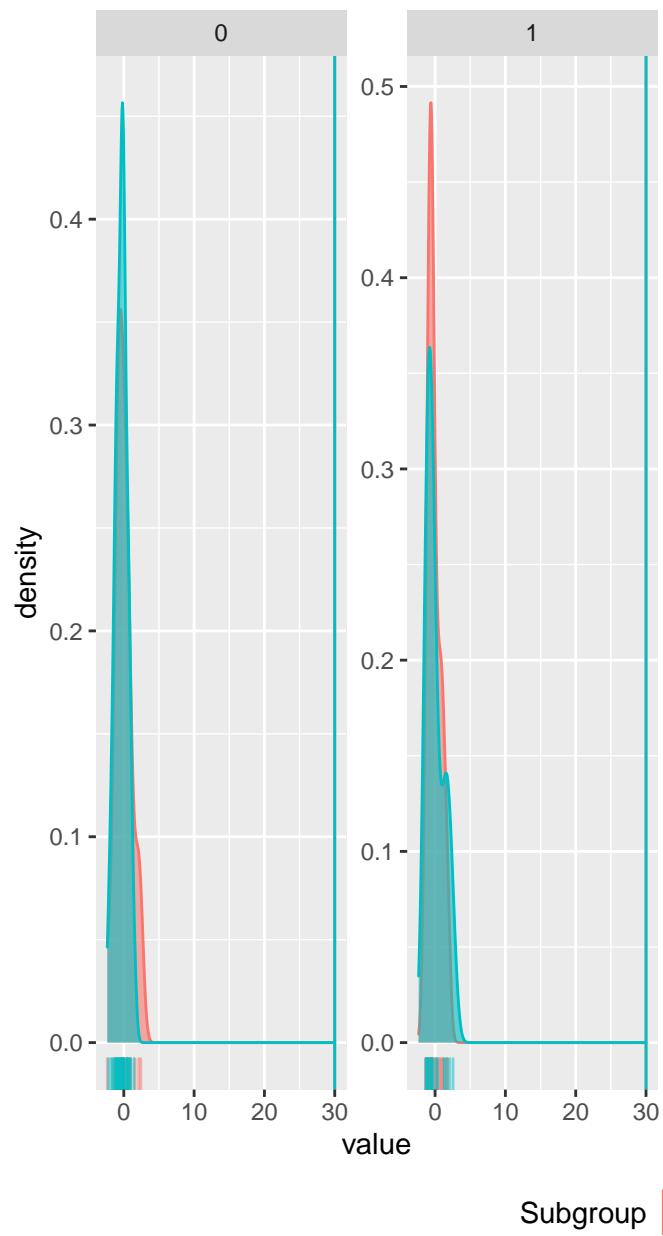
by class



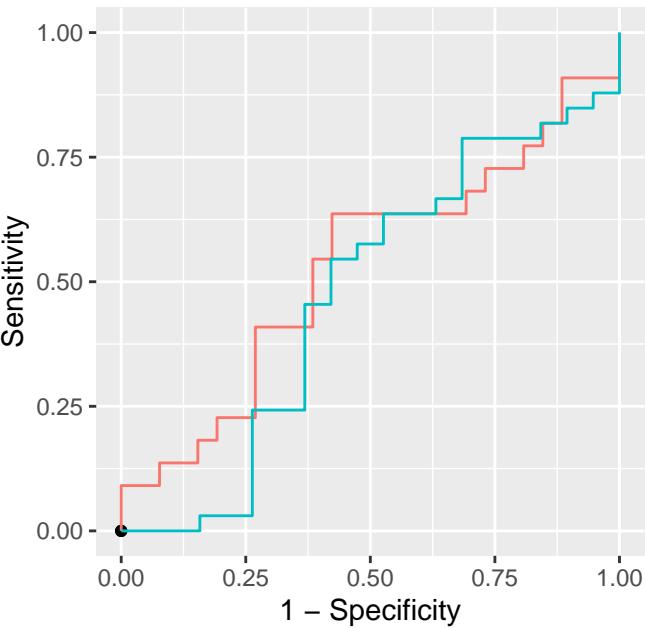
Subgroup ■ 0 ■ 1

# Independent variable

optimal cutpoint and distribution by class

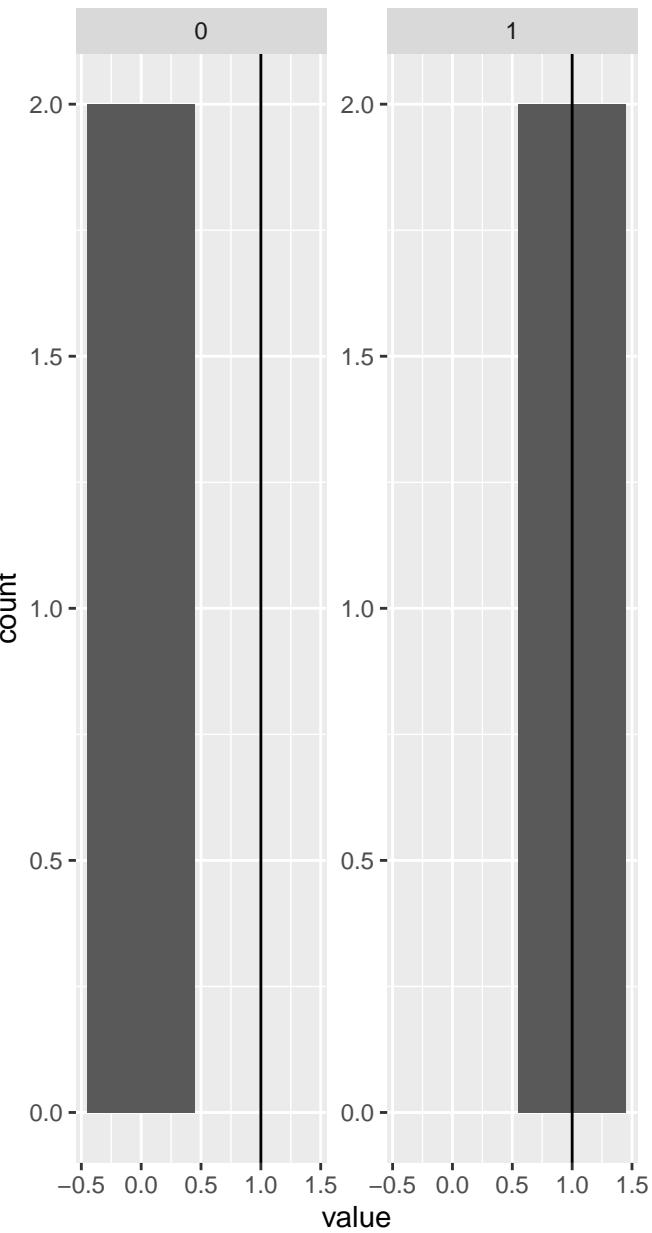


## ROC curve by class

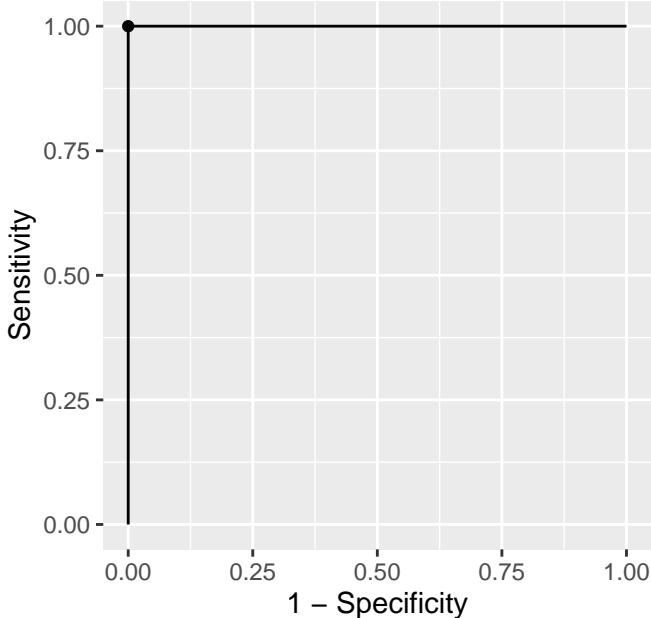


# Independent variable

optimal cutpoint and distribution by class

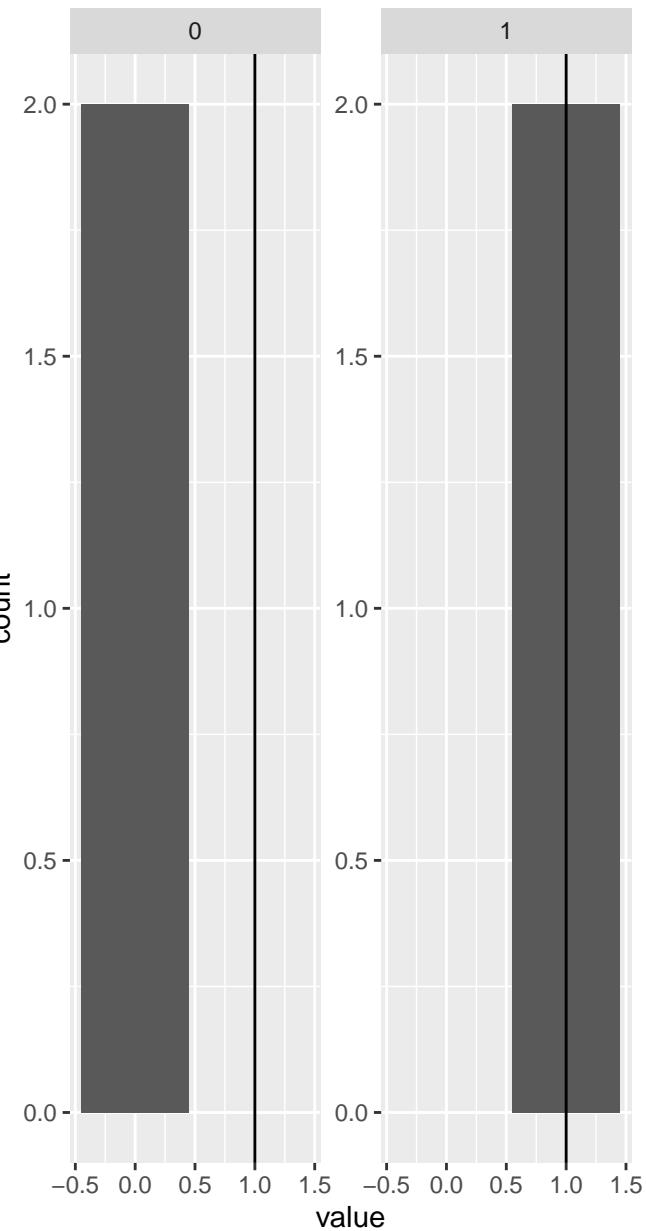


# ROC curve

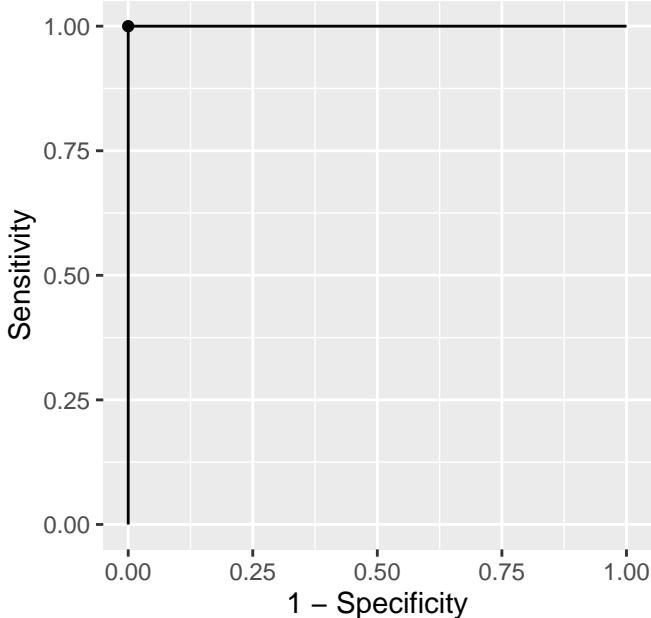


# Independent variable

optimal cutpoint and distribution by class

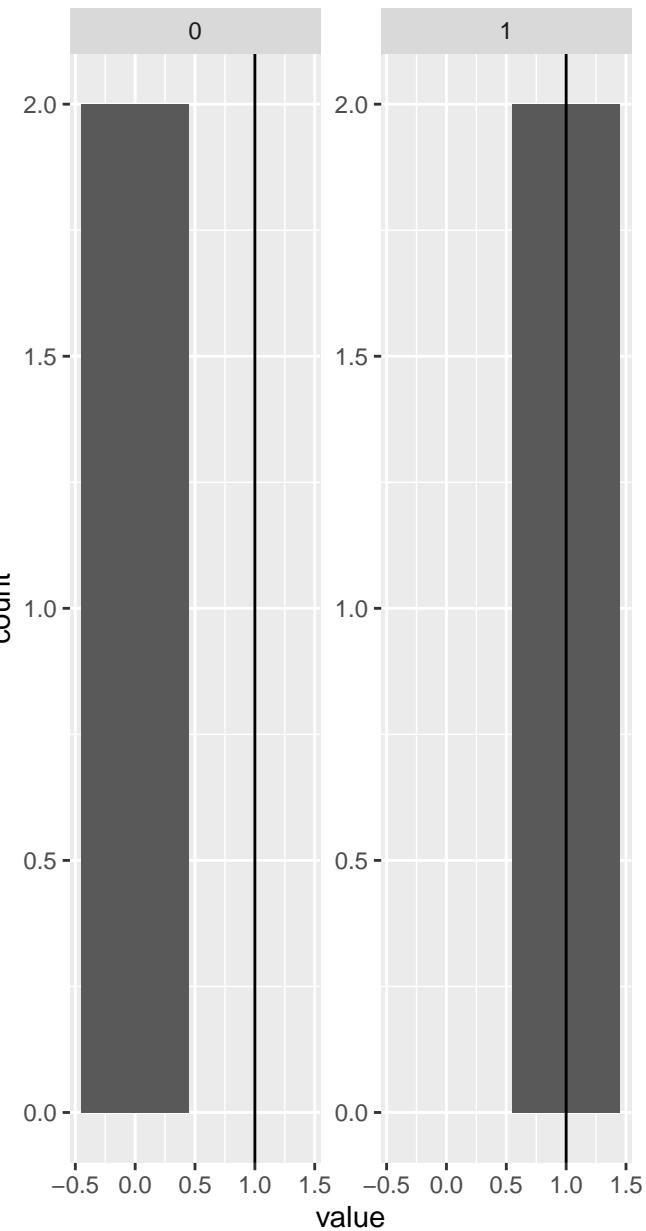


# ROC curve

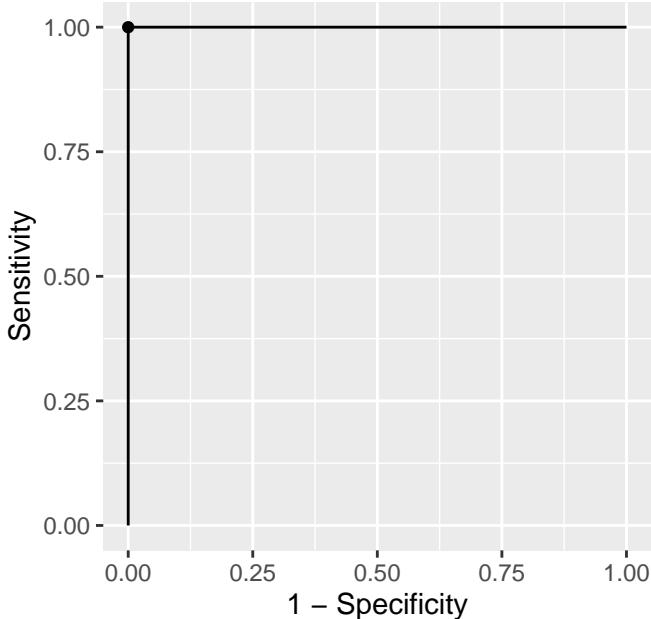


# Independent variable

optimal cutpoint and distribution by class

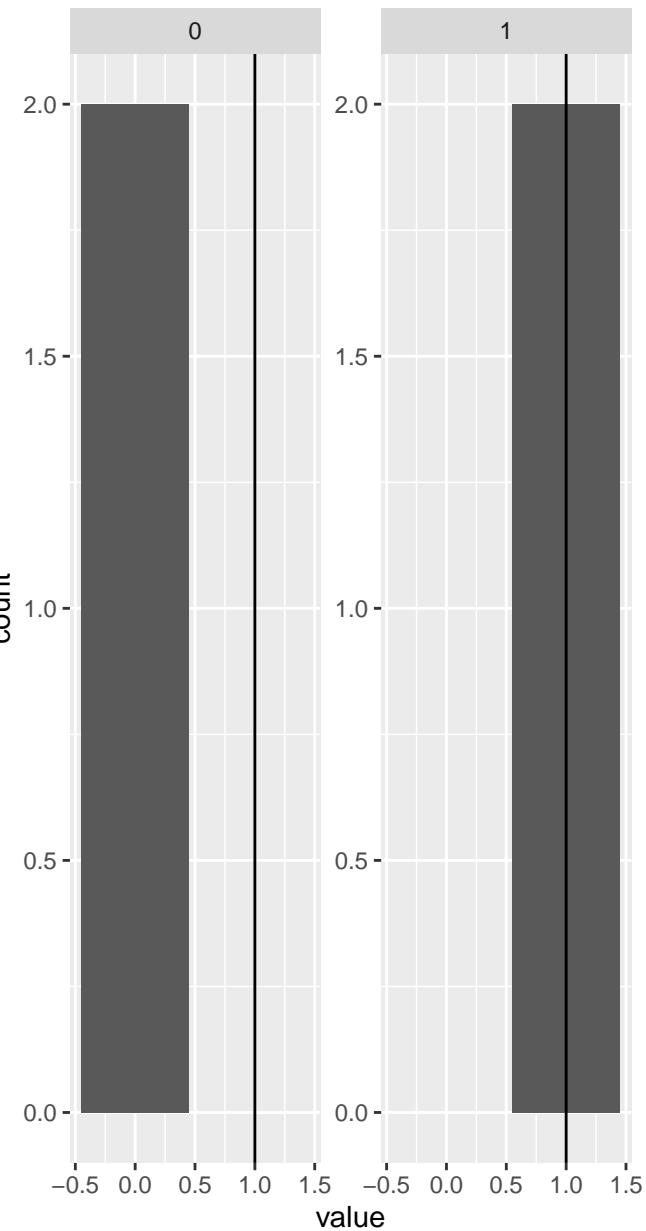


# ROC curve

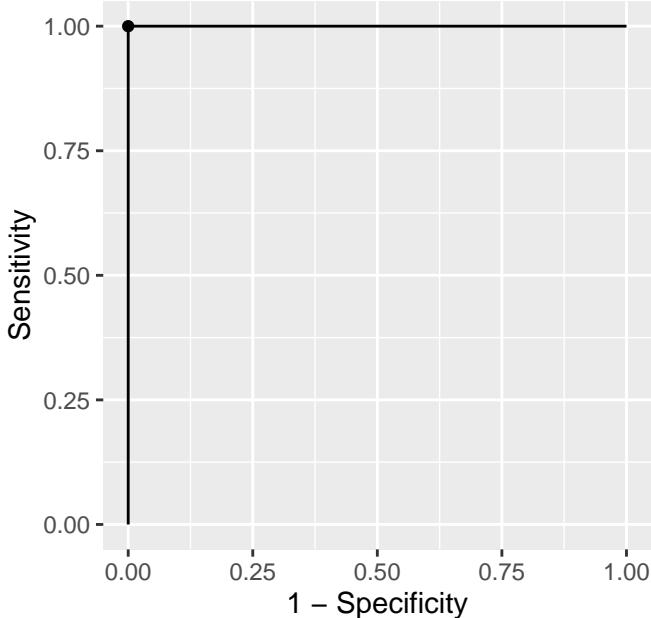


# Independent variable

optimal cutpoint and distribution by class

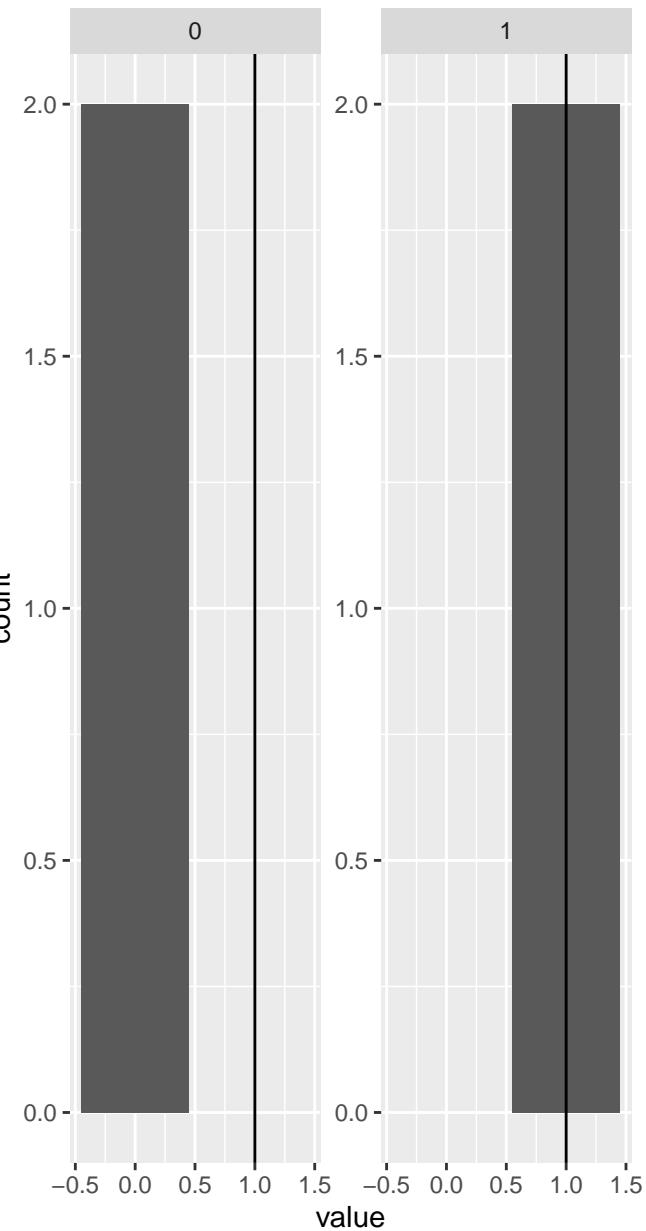


# ROC curve

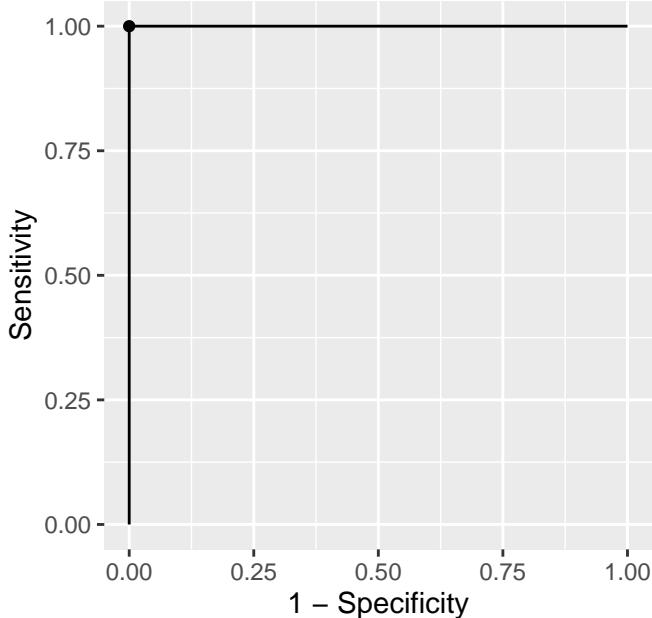


# Independent variable

optimal cutpoint and distribution by class

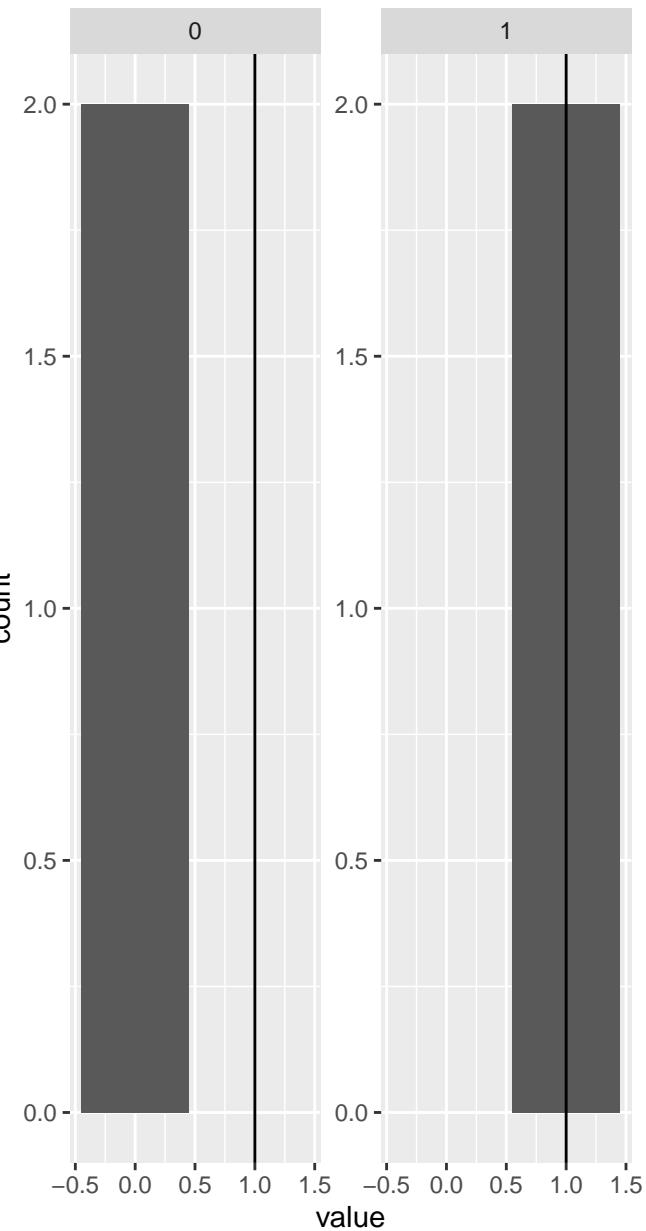


# ROC curve

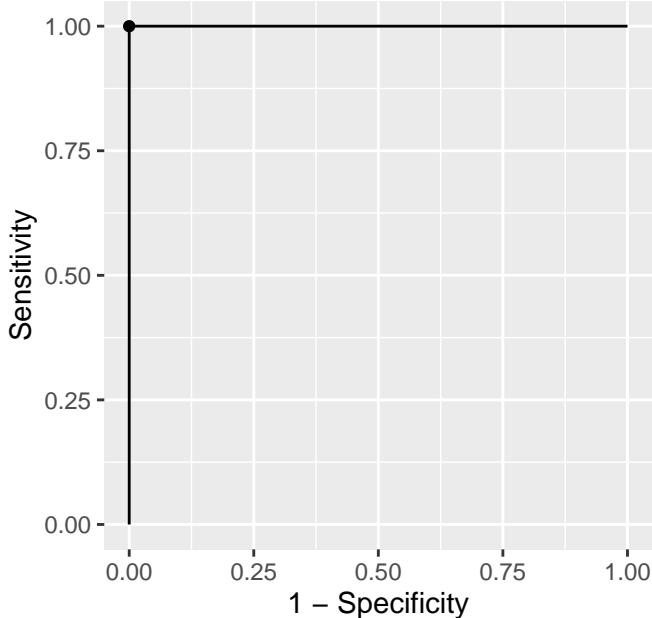


# Independent variable

optimal cutpoint and distribution by class

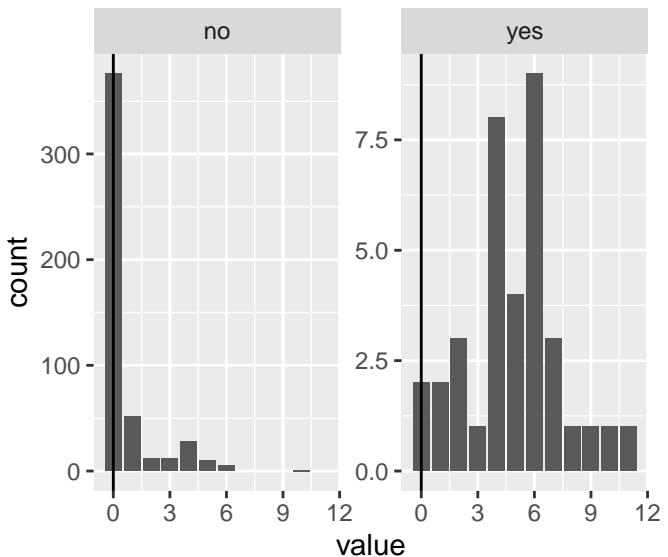


# ROC curve

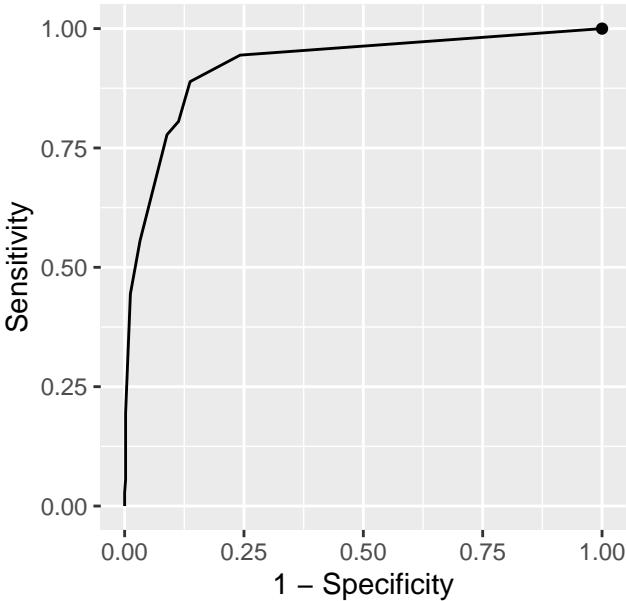


## Independent variable

optimal cutpoint and distribution by class

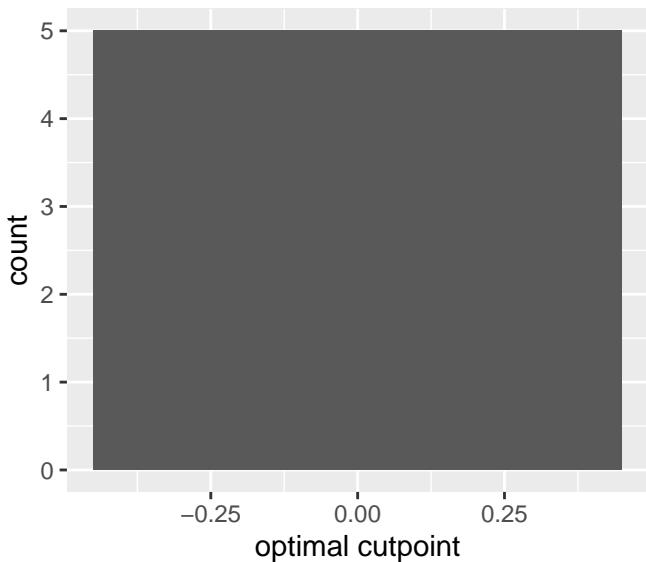


## ROC curve



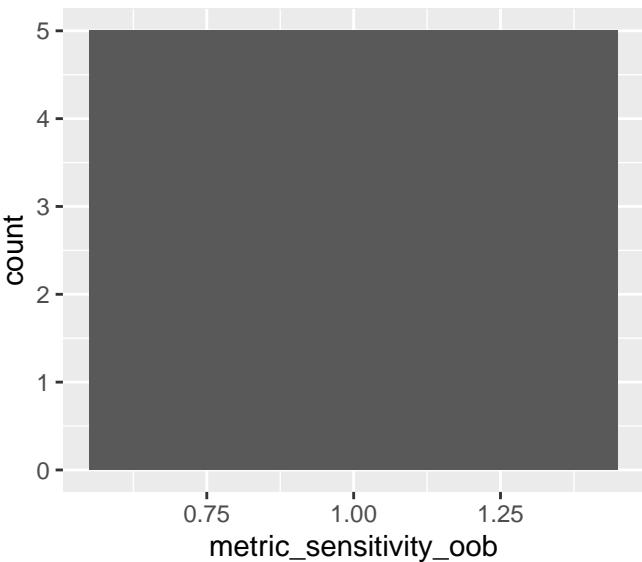
## Bootstrap

distribution of optimal cutpoints

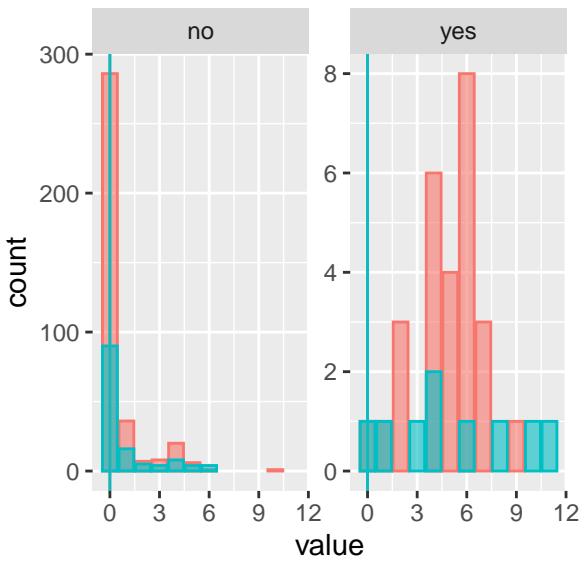


## Bootstrap

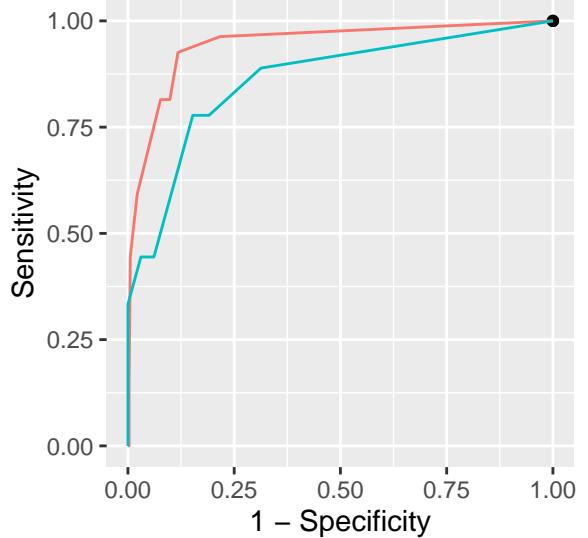
out-of-bag estimates



## Independent variable optimal cutpoint and distribution by class



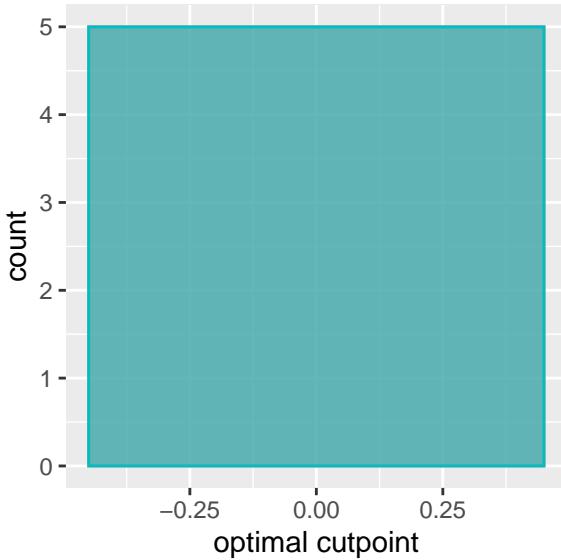
## ROC curve by class



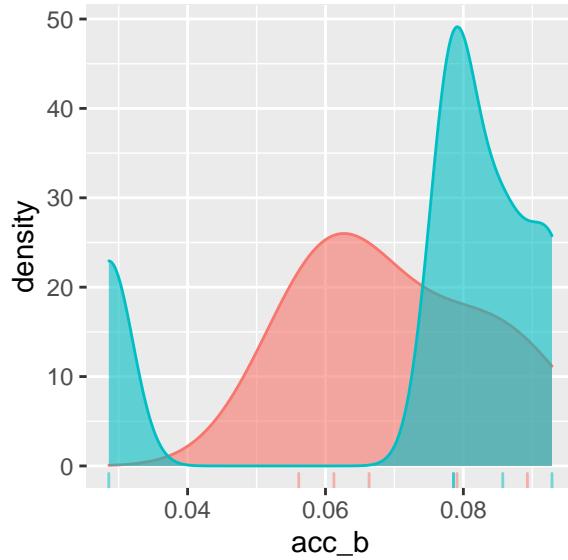
Subgroup

- female
- male

## Bootstrap distribution of optimal cutpoints

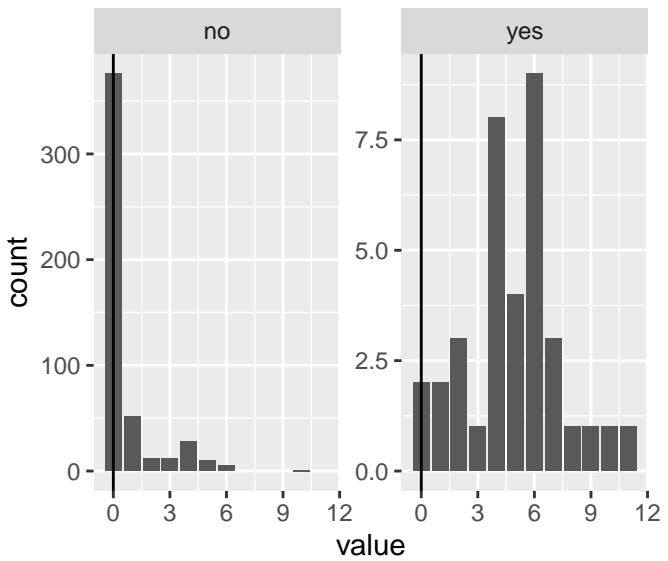


## Bootstrap out-of-bag estimates

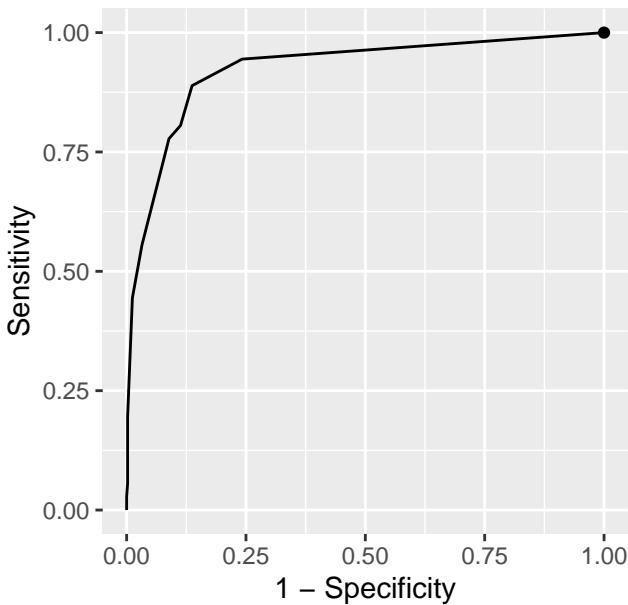


## Independent variable

optimal cutpoint and distribution by class

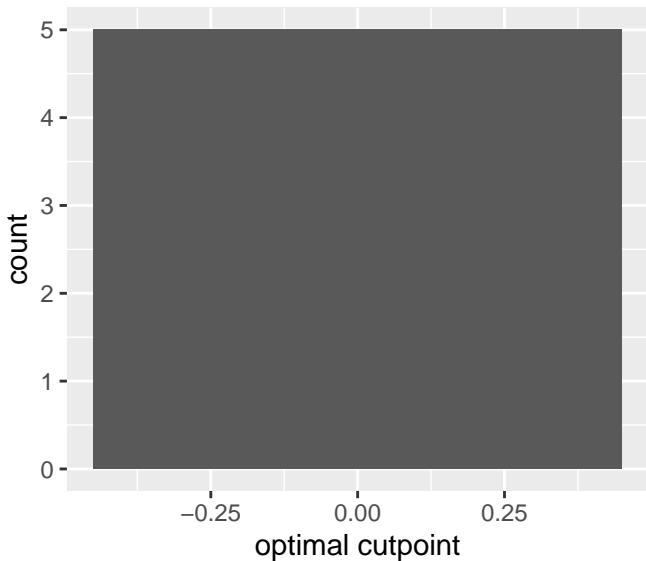


## ROC curve



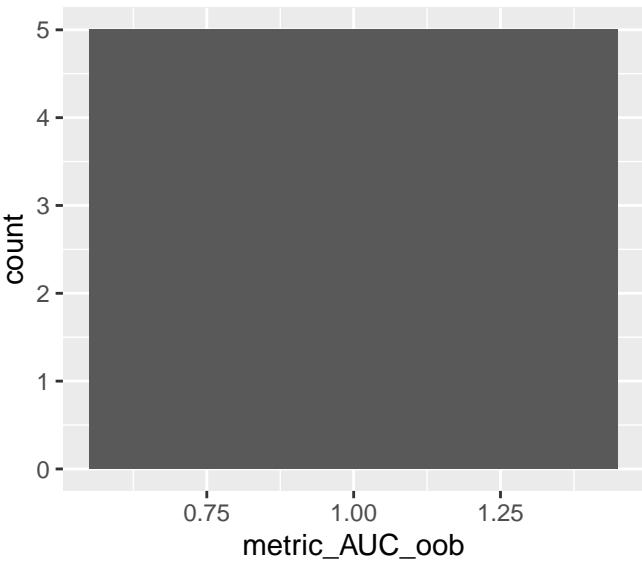
## Bootstrap

distribution of optimal cutpoints

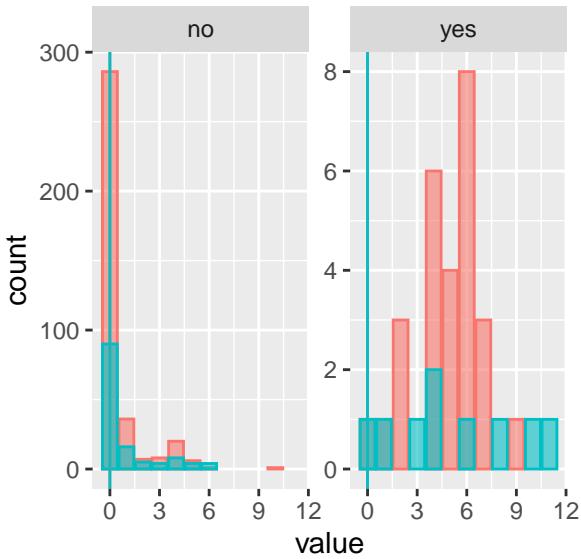


## Bootstrap

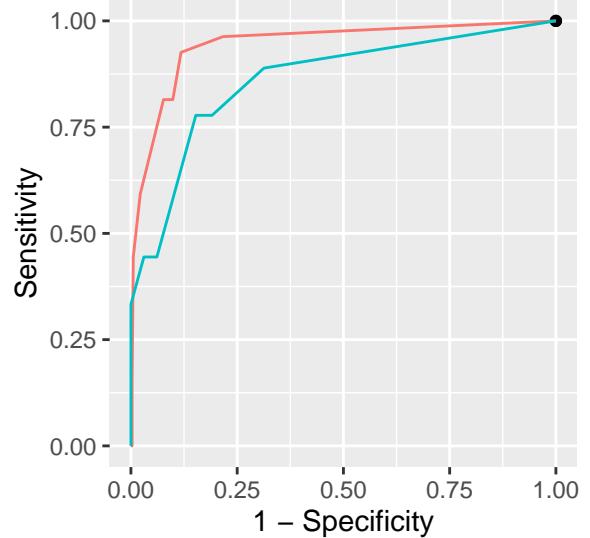
out-of-bag estimates



## Independent variable optimal cutpoint and distribution by class



## ROC curve by class

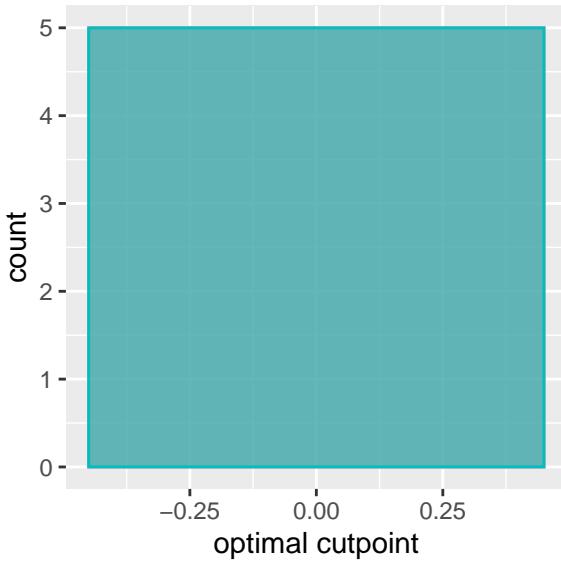


Subgroup

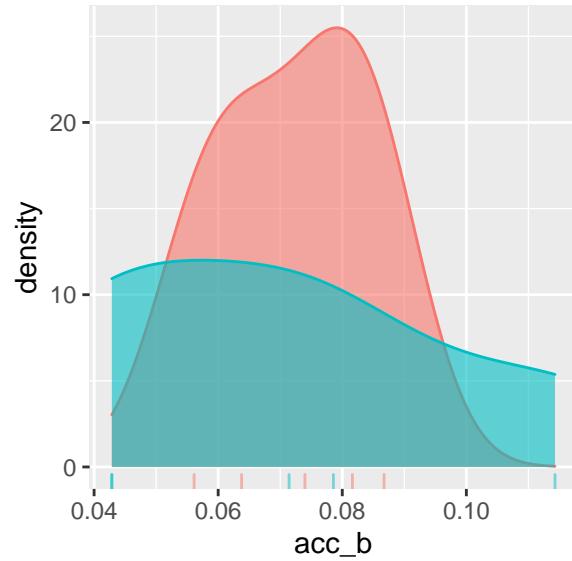
female

male

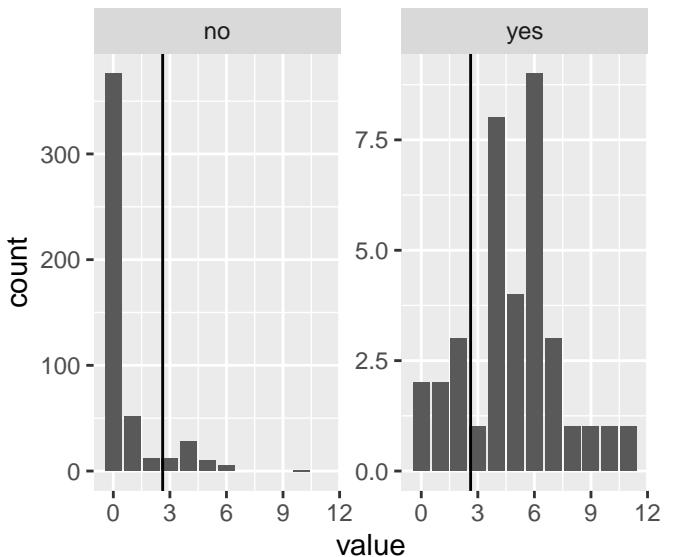
## Bootstrap distribution of optimal cutpoints



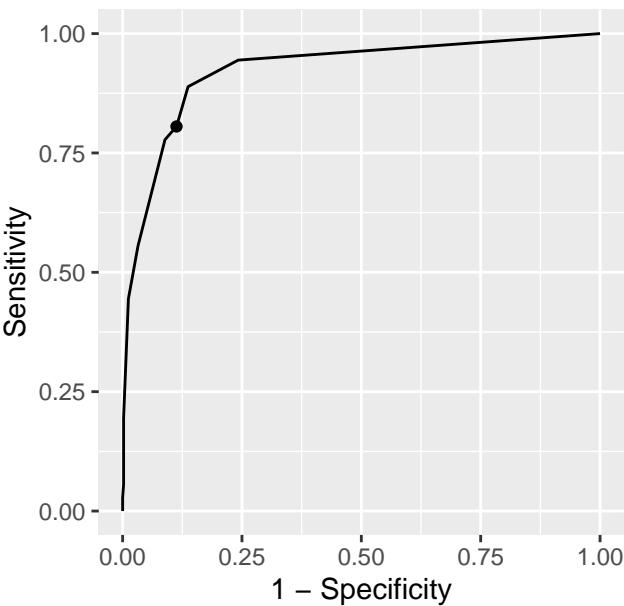
## Bootstrap out-of-bag estimates



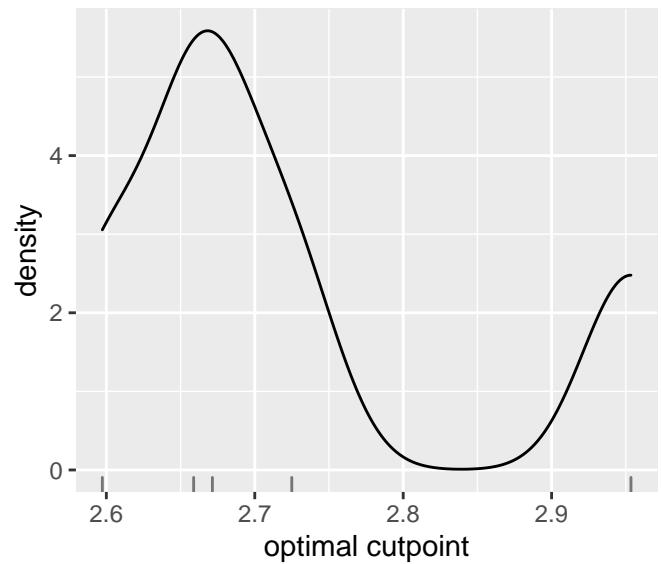
## Independent variable optimal cutpoint and distribution by class



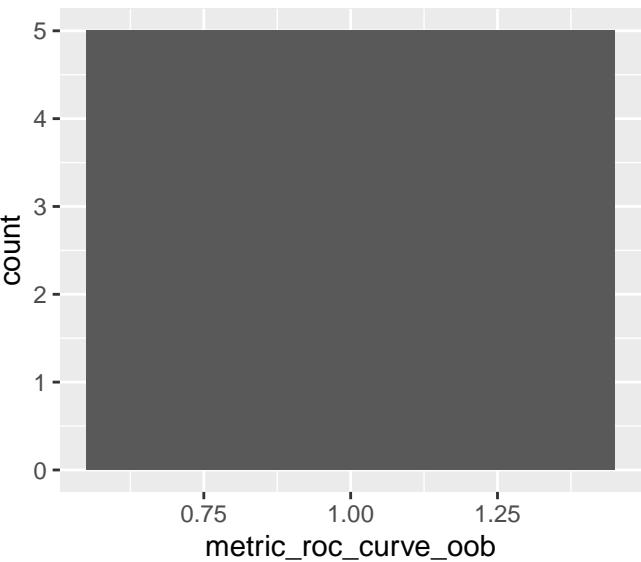
## ROC curve



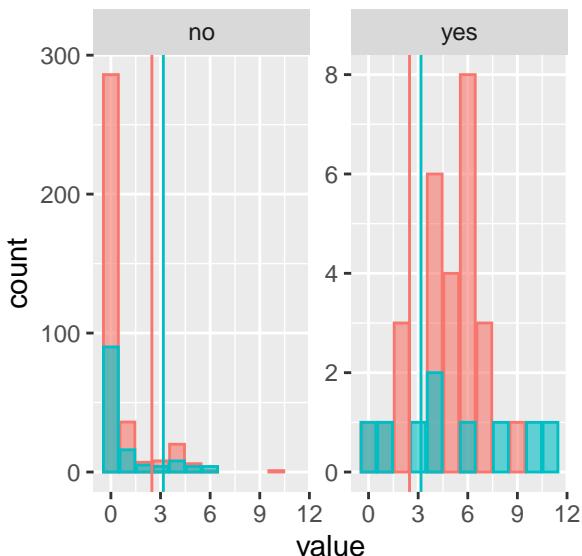
## Bootstrap distribution of optimal cutpoints



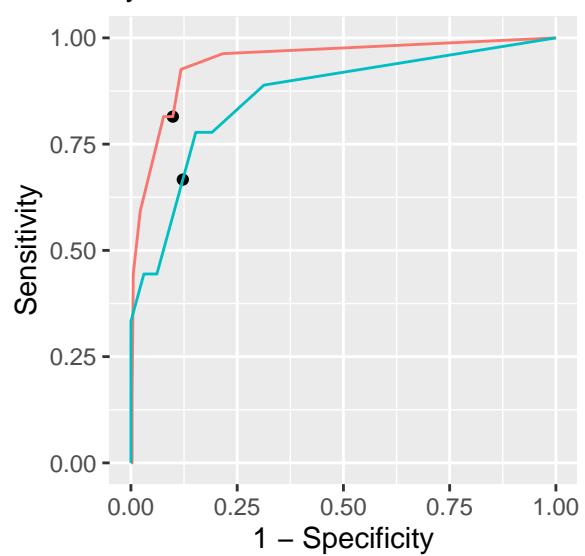
## Bootstrap out-of-bag estimates



## Independent variable optimal cutpoint and distribution by class



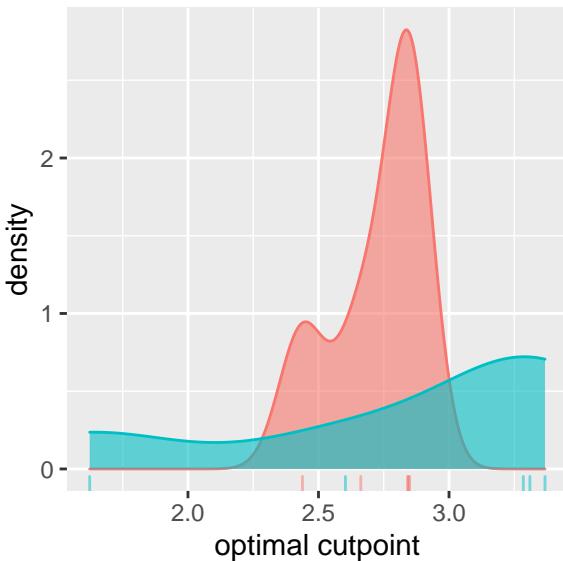
## ROC curve by class



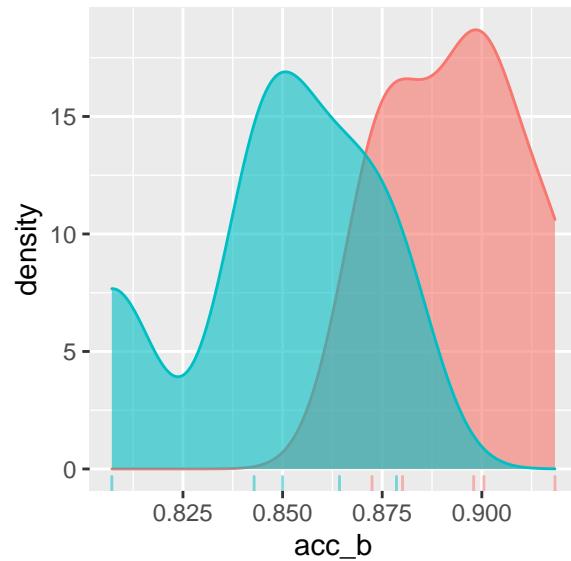
Subgroup

female	red square
male	teal square

## Bootstrap distribution of optimal cutpoints

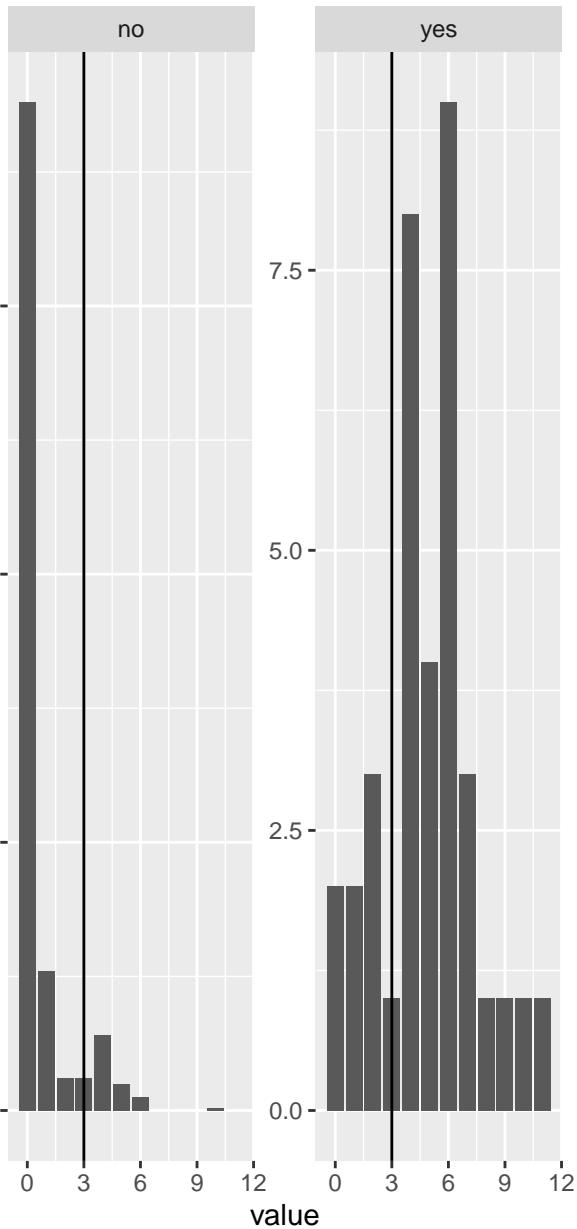


## Bootstrap out-of-bag estimates

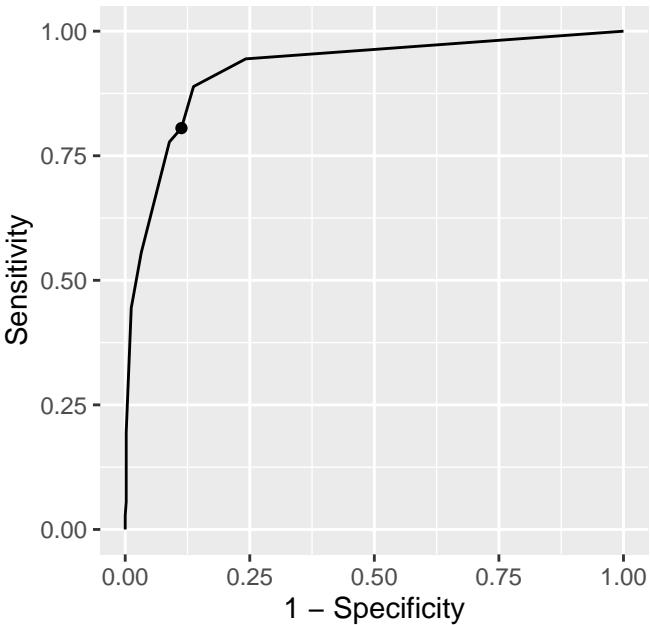


# Independent variable

optimal cutpoint and distribution by class

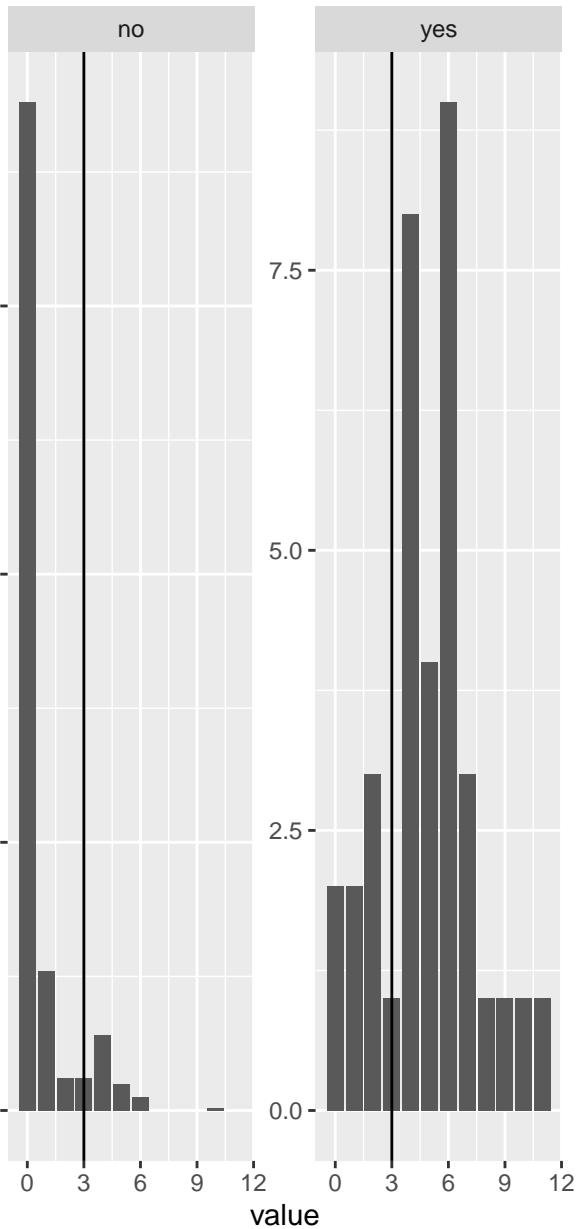


# ROC curve

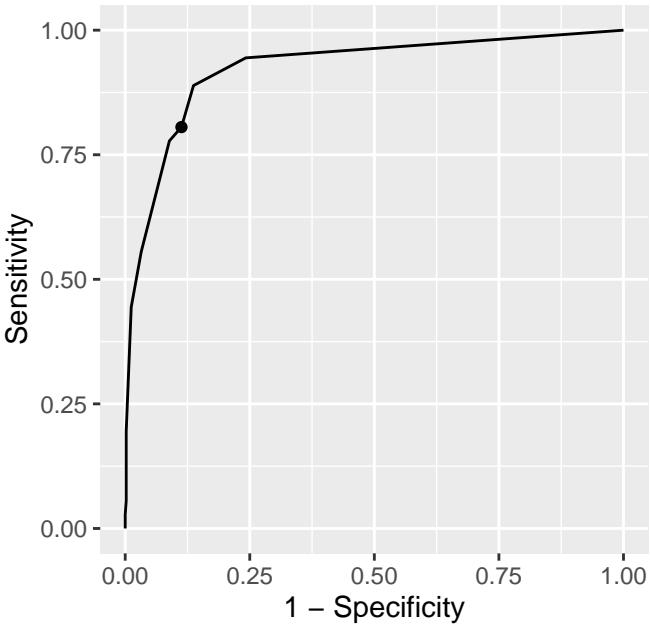


# Independent variable

optimal cutpoint and distribution by class

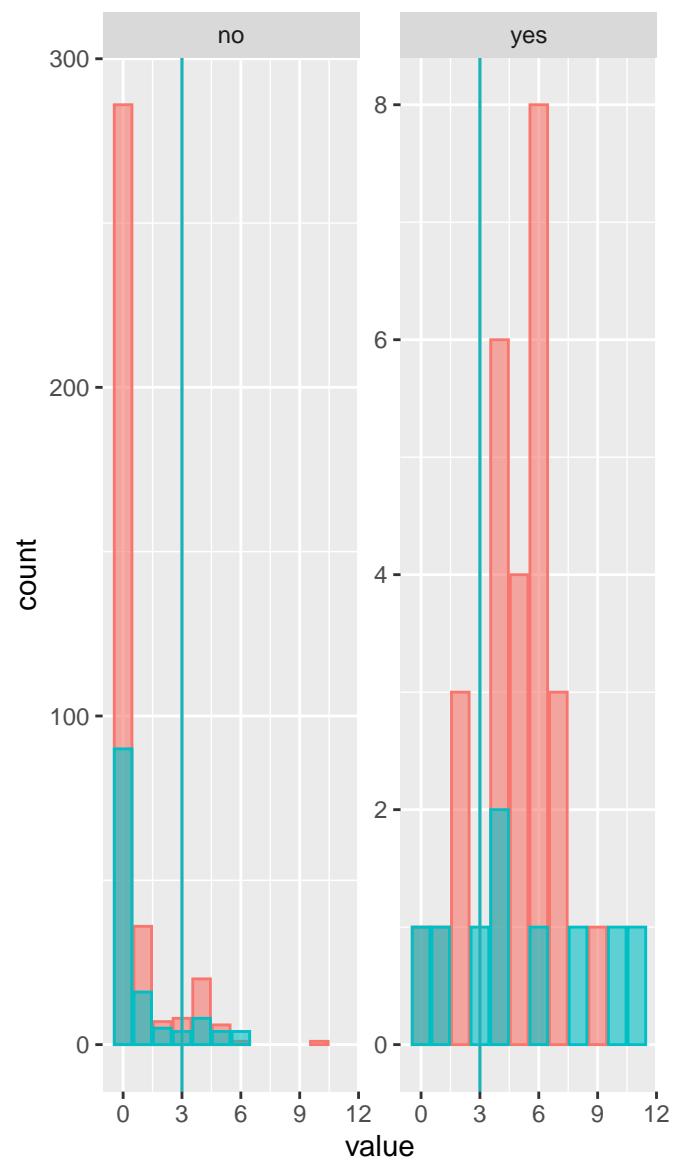


# ROC curve



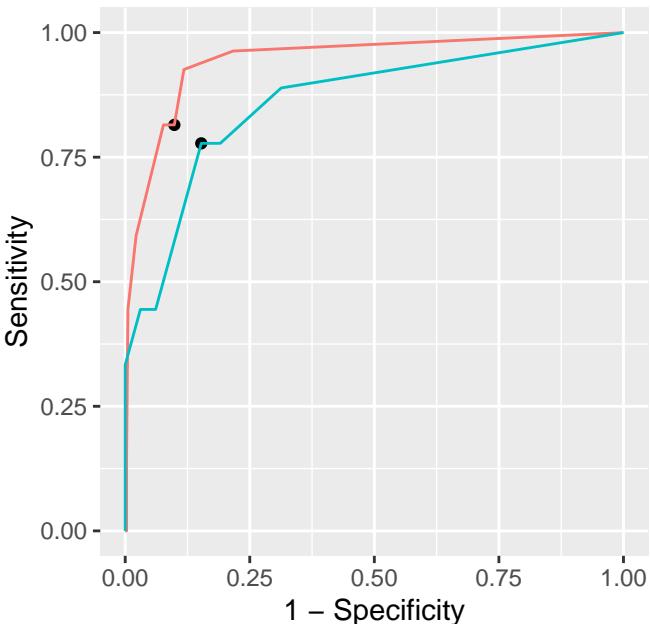
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

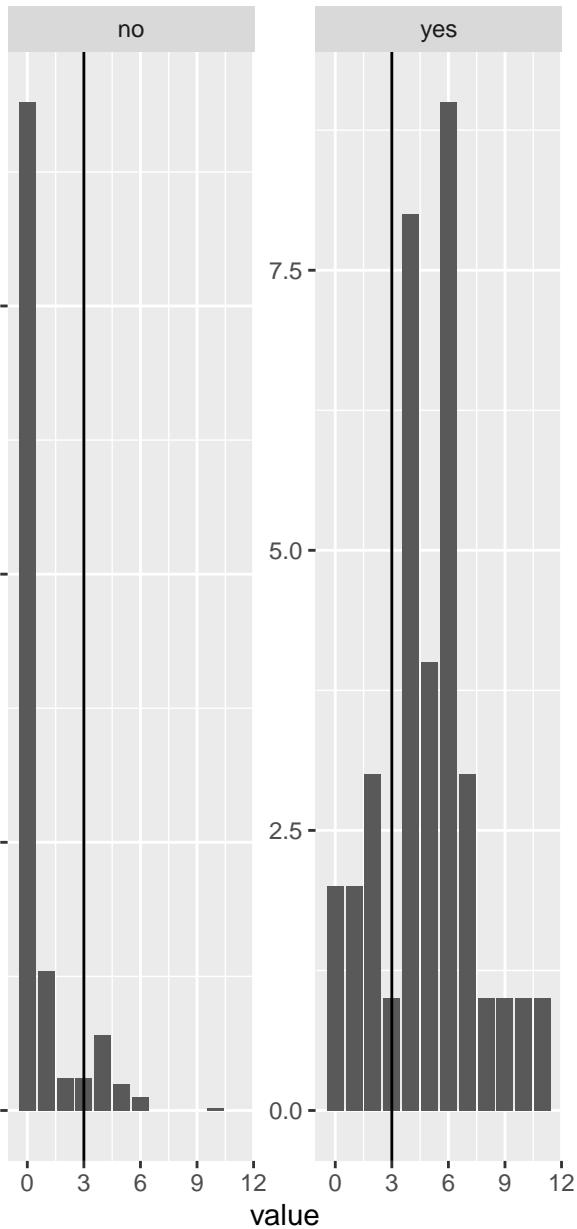
by class



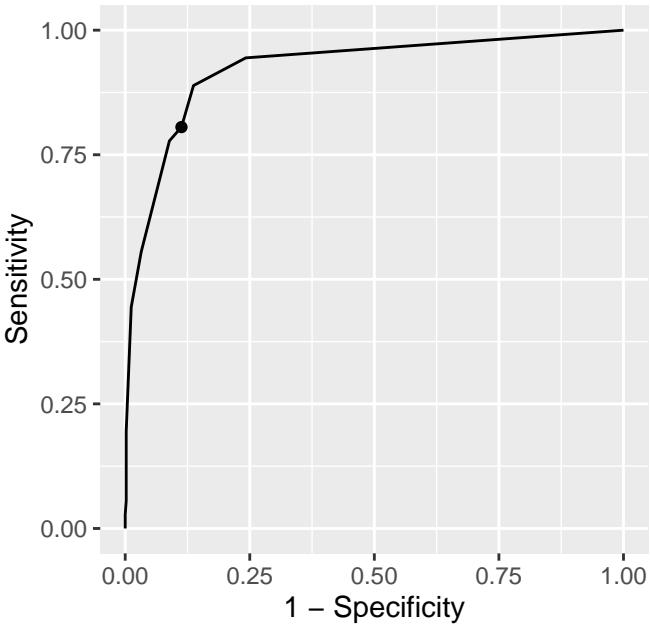
Subgroup    female    male

# Independent variable

optimal cutpoint and distribution by class

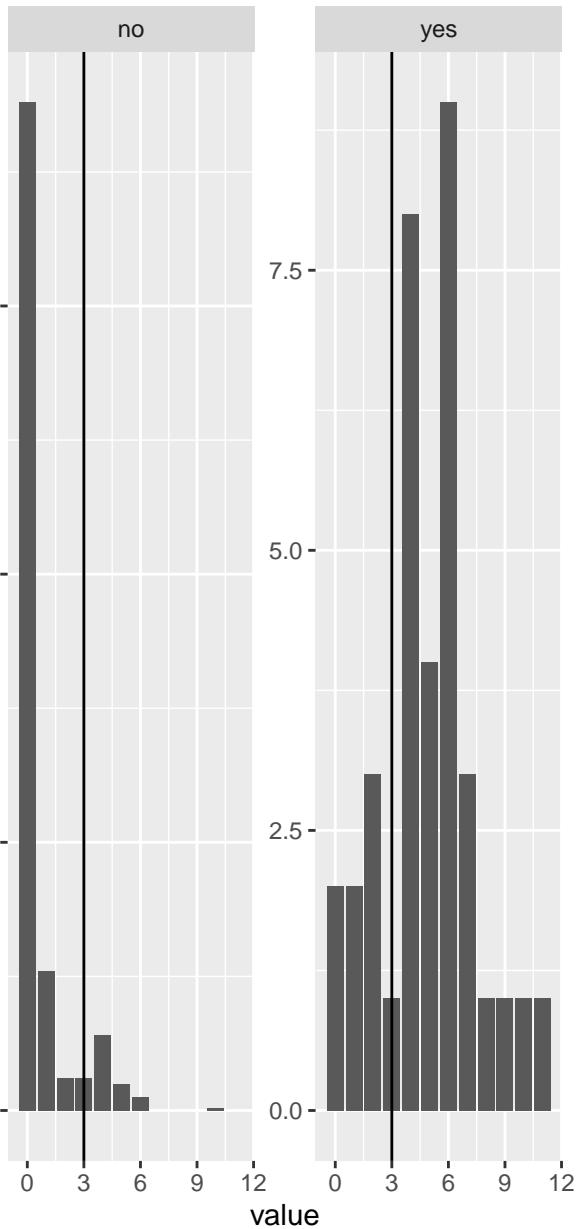


# ROC curve

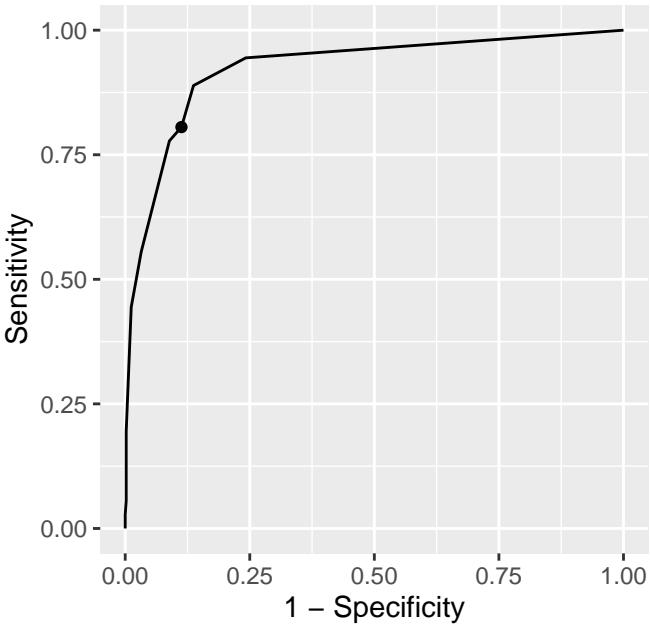


# Independent variable

optimal cutpoint and distribution by class

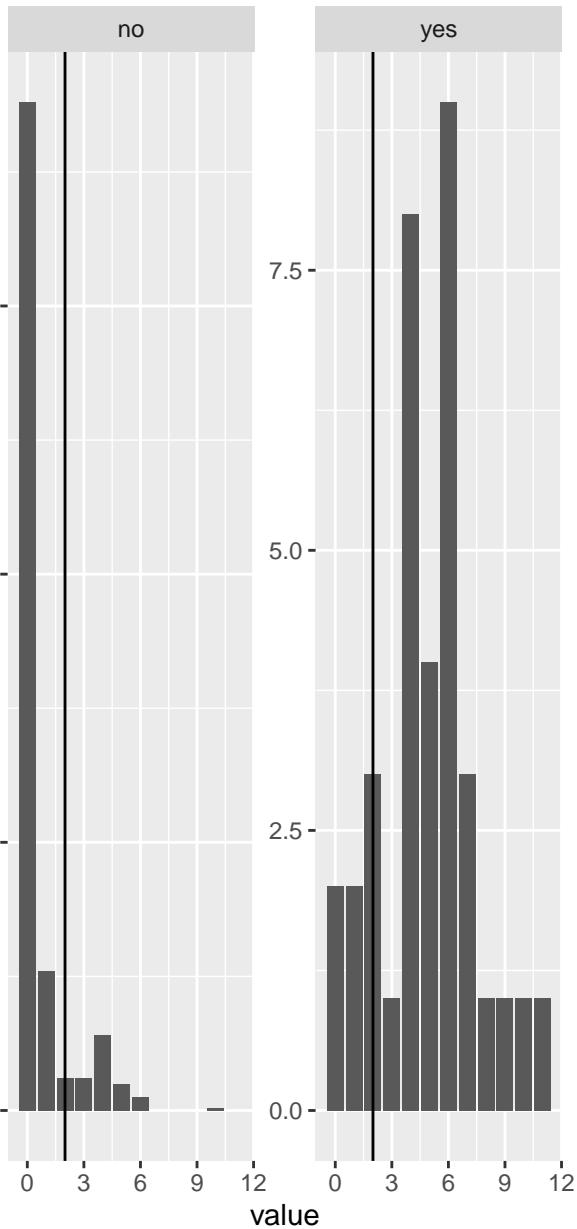


# ROC curve

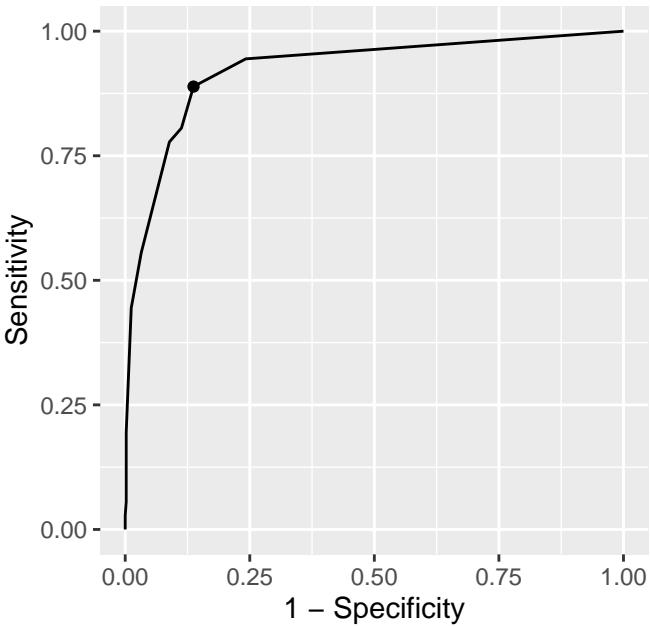


# Independent variable

optimal cutpoint and distribution by class

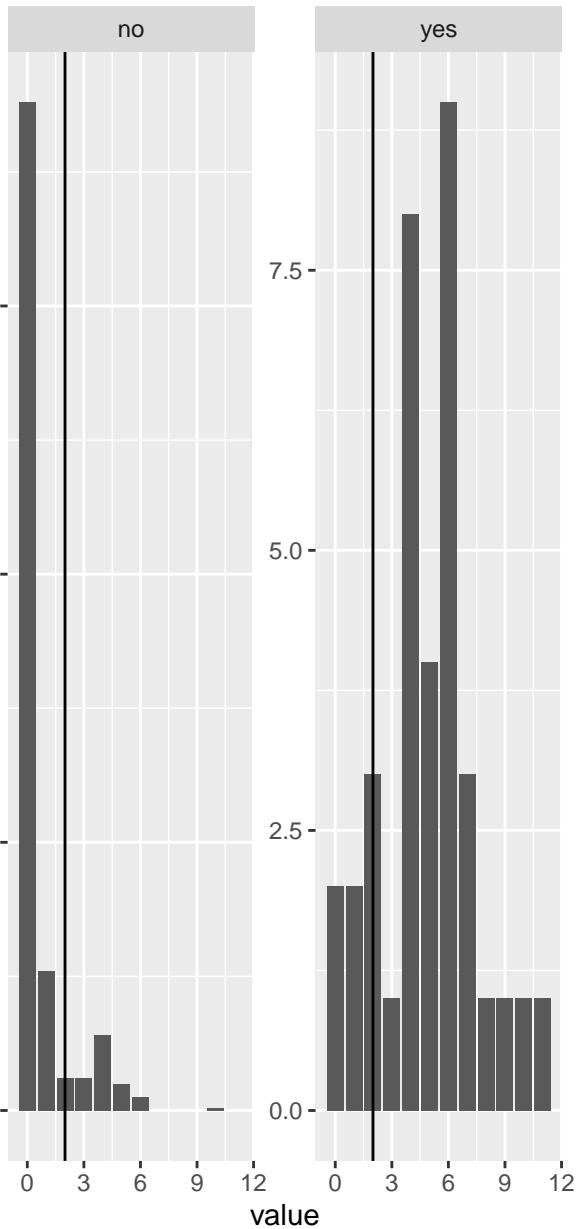


## ROC curve

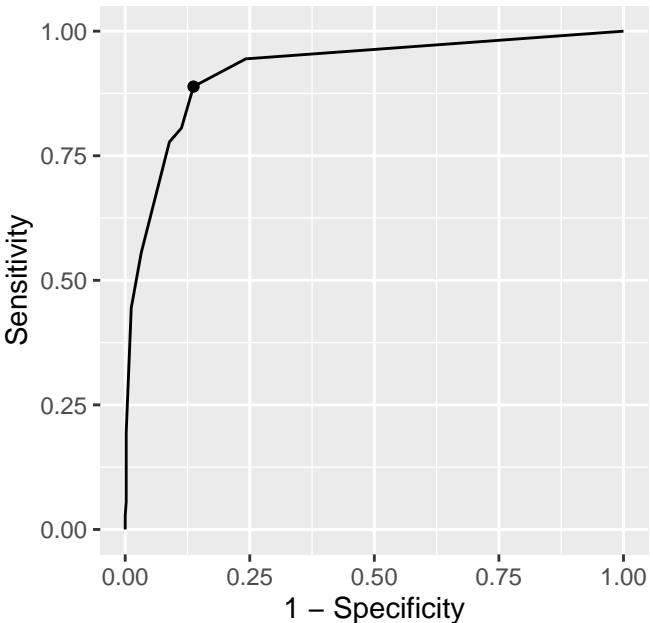


# Independent variable

optimal cutpoint and distribution by class

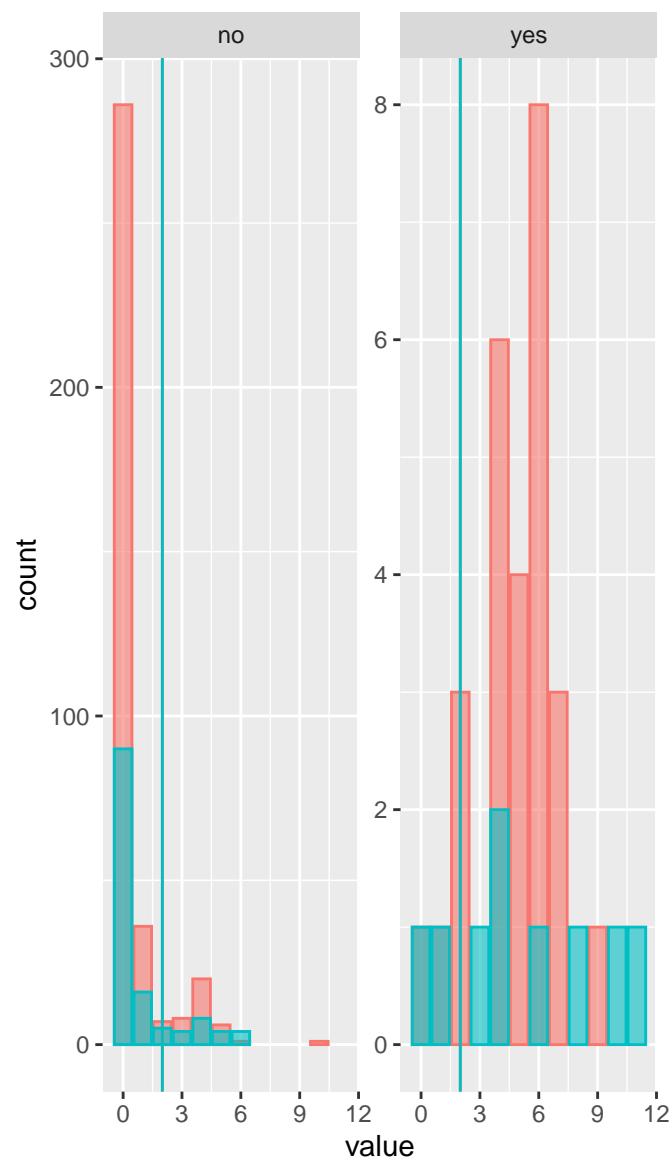


## ROC curve



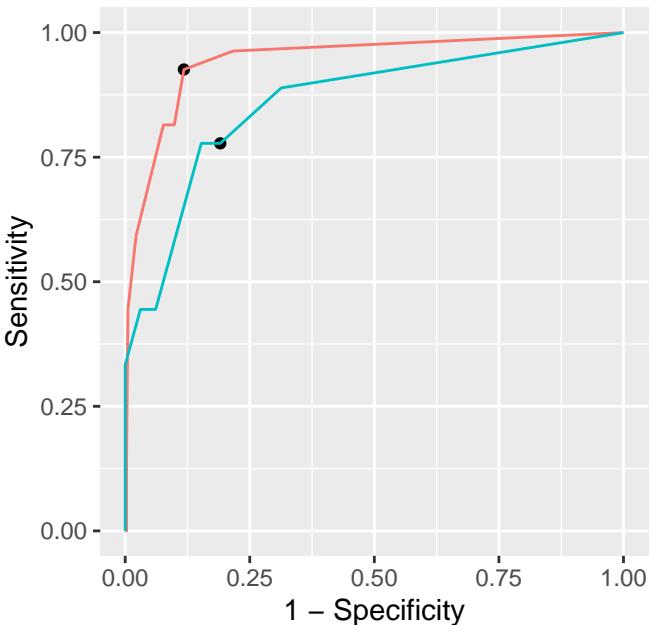
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

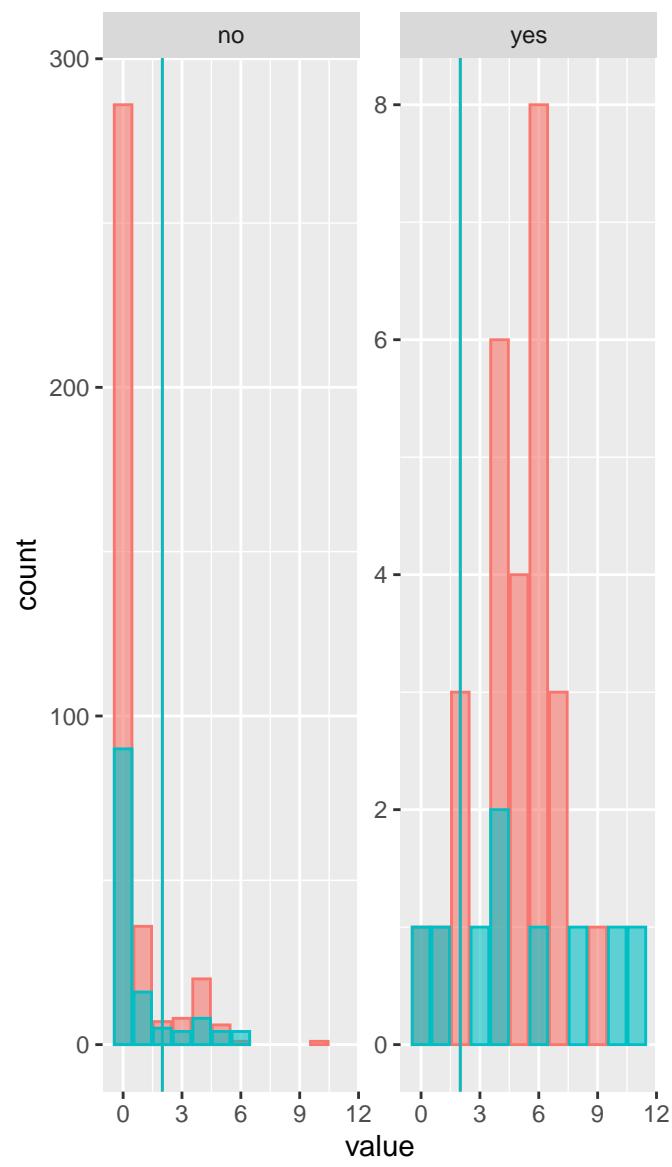
by class



Subgroup    female    male

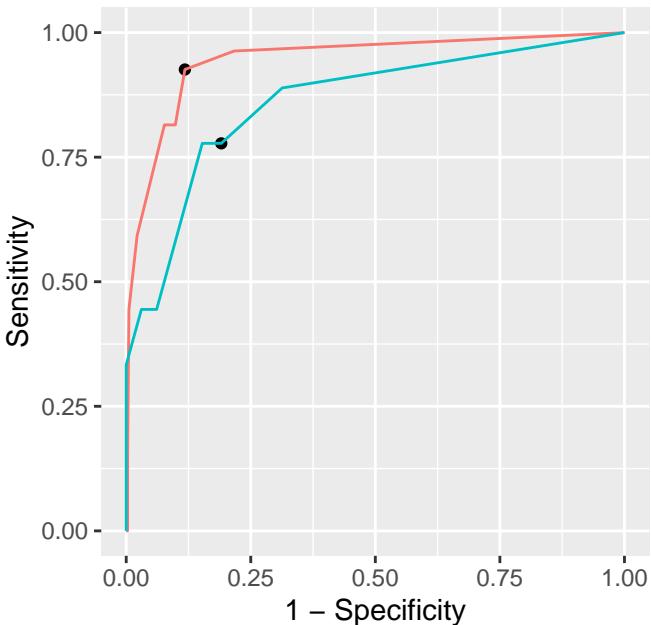
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

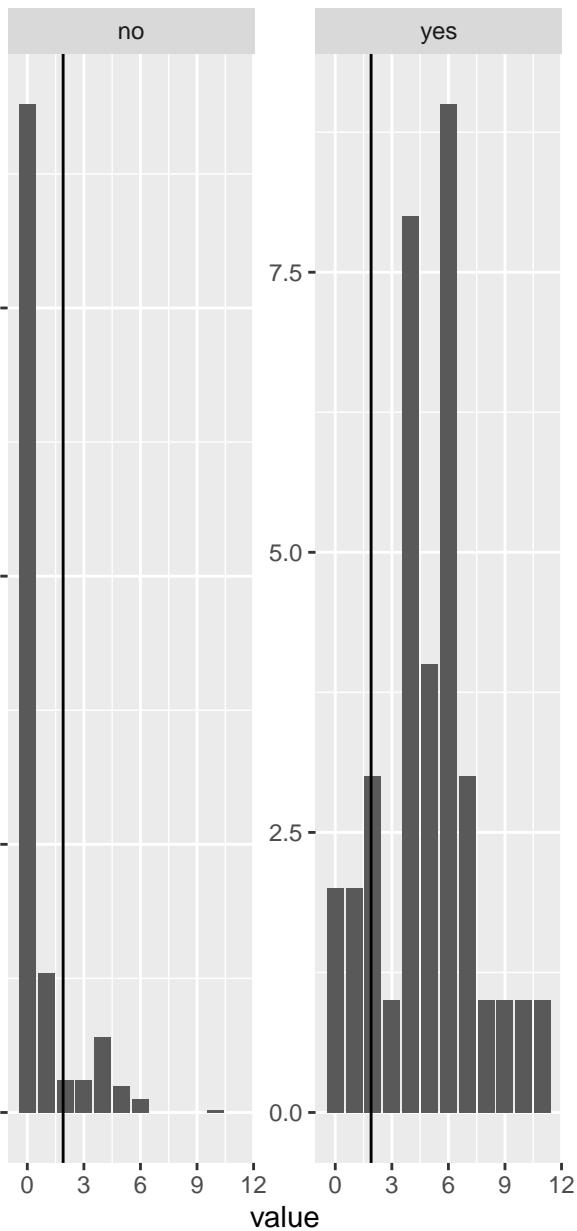
by class



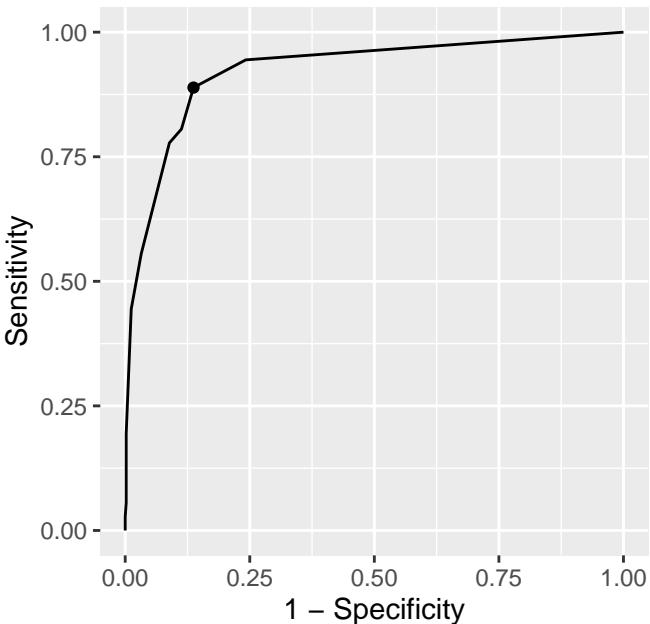
Subgroup    female    male

# Independent variable

optimal cutpoint and distribution by class

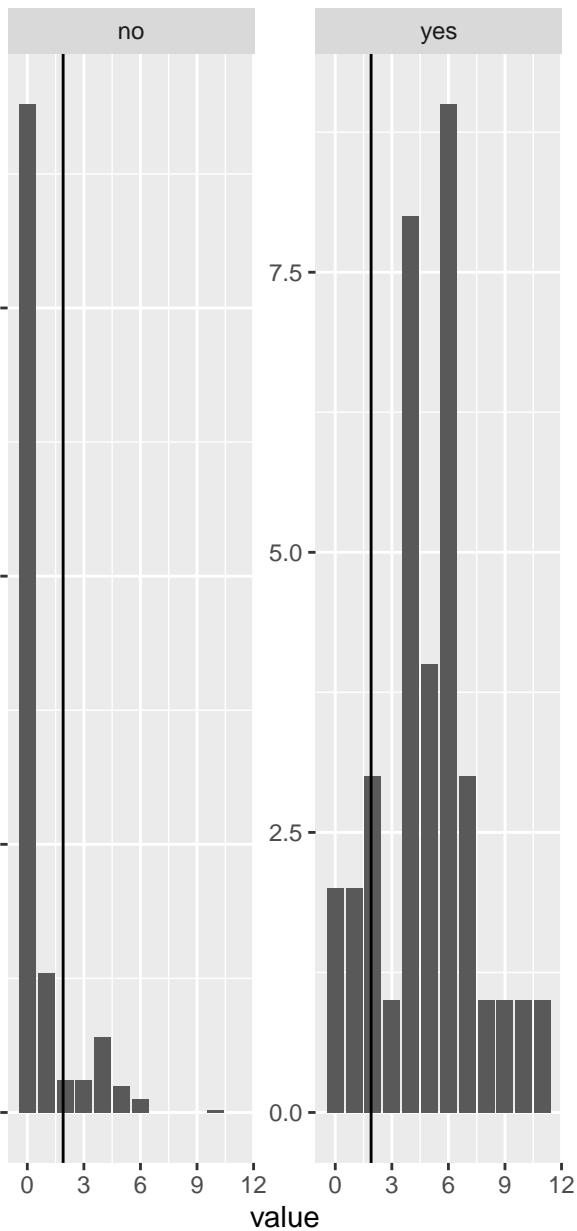


## ROC curve

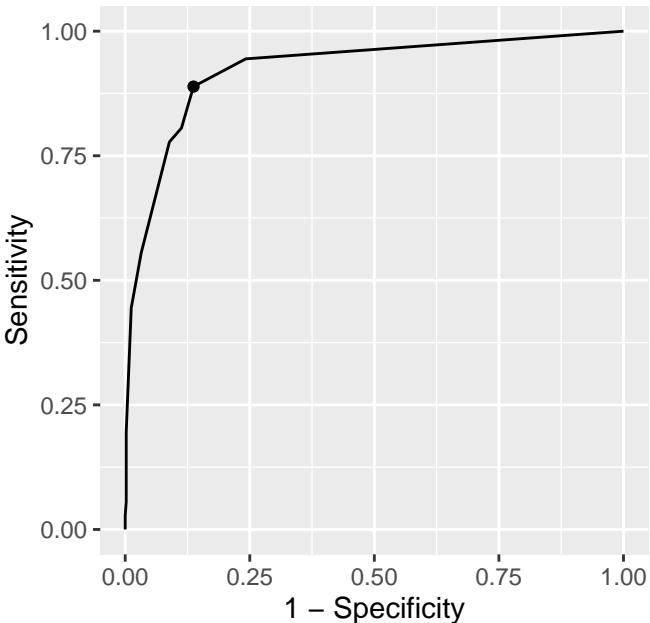


# Independent variable

optimal cutpoint and distribution by class

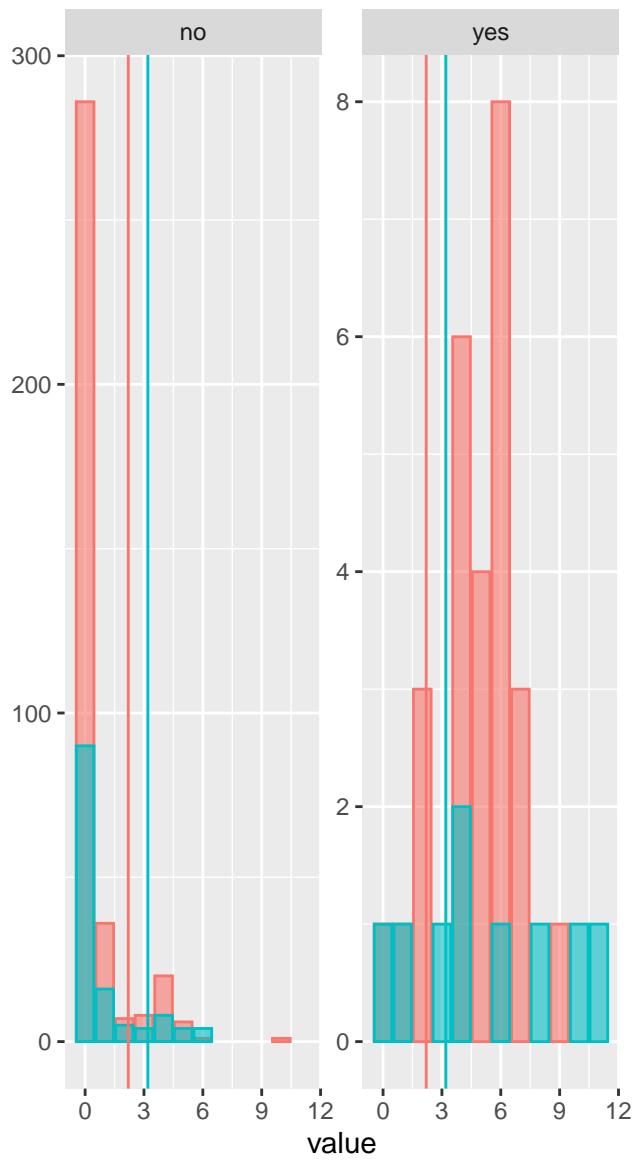


# ROC curve



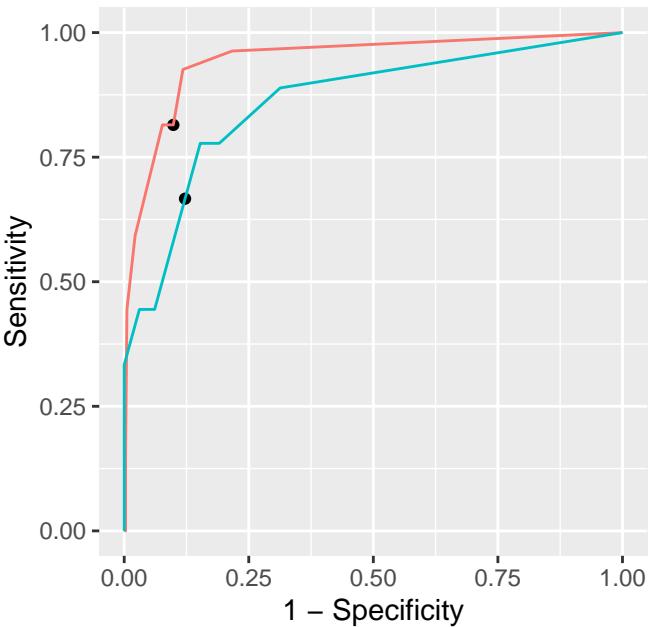
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

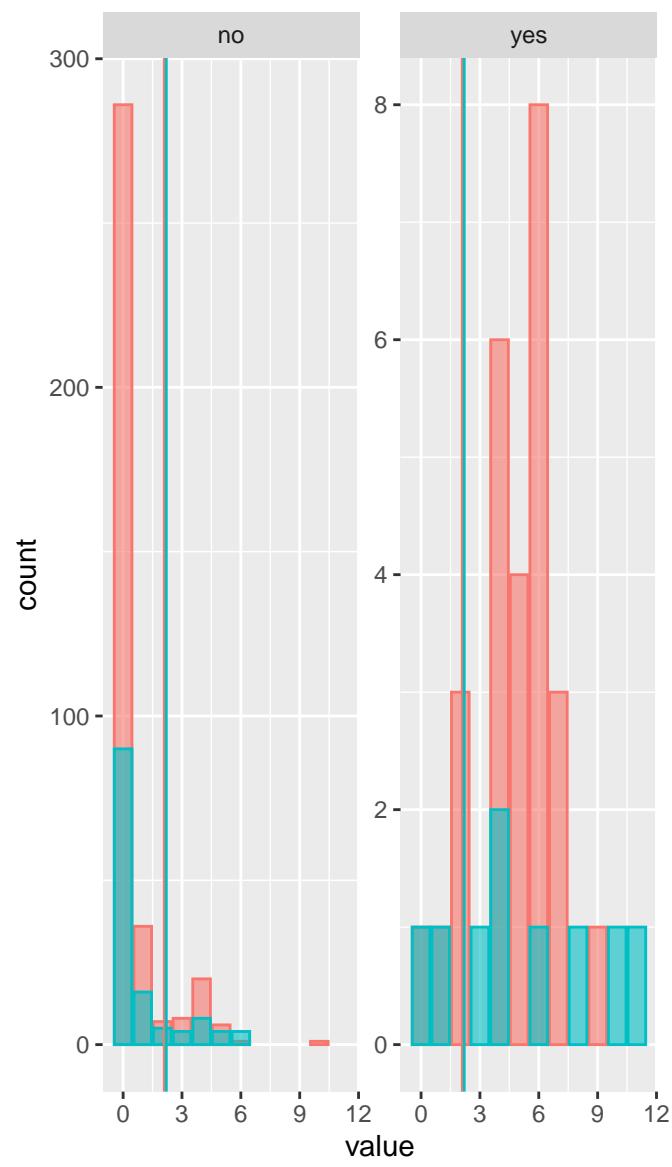
by class



Subgroup    female    male

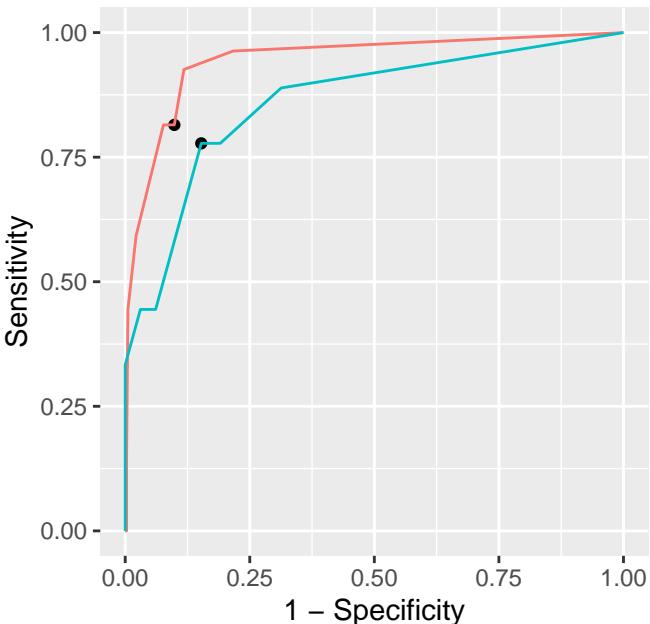
# Independent variable

optimal cutpoint and distribution by class



# ROC curve

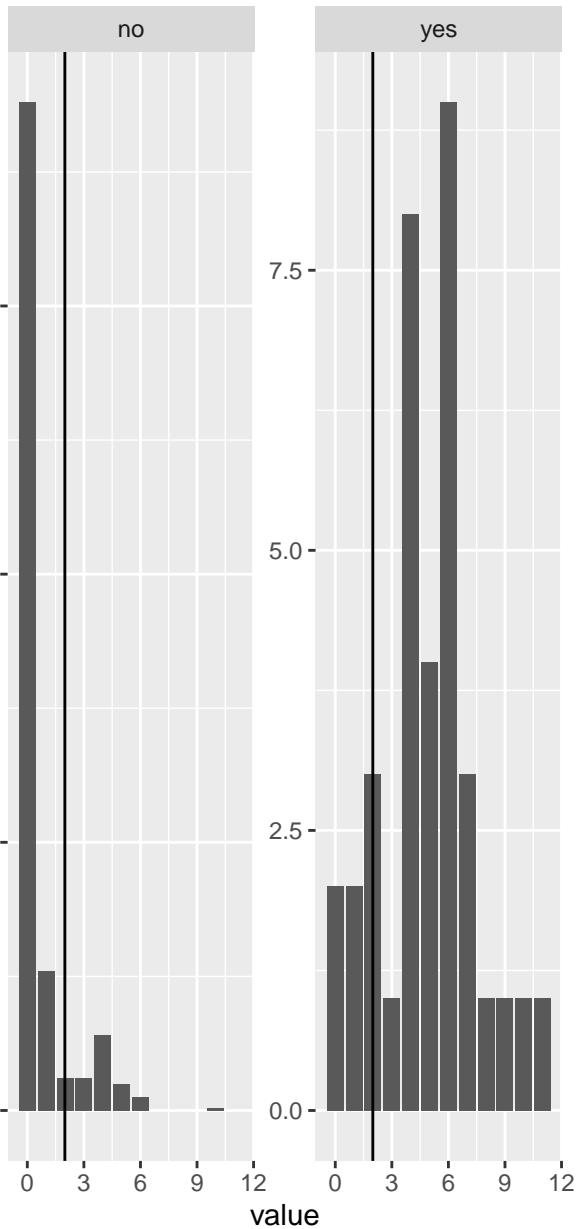
by class



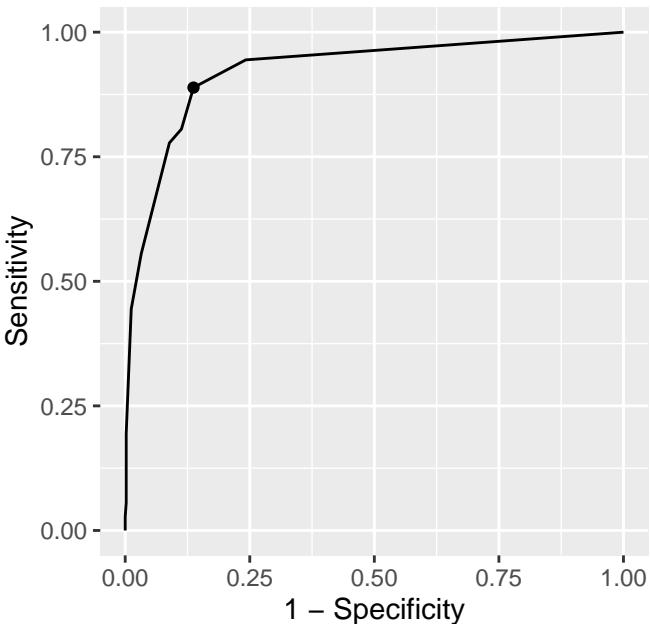
Subgroup    female    male

# Independent variable

optimal cutpoint and distribution by class

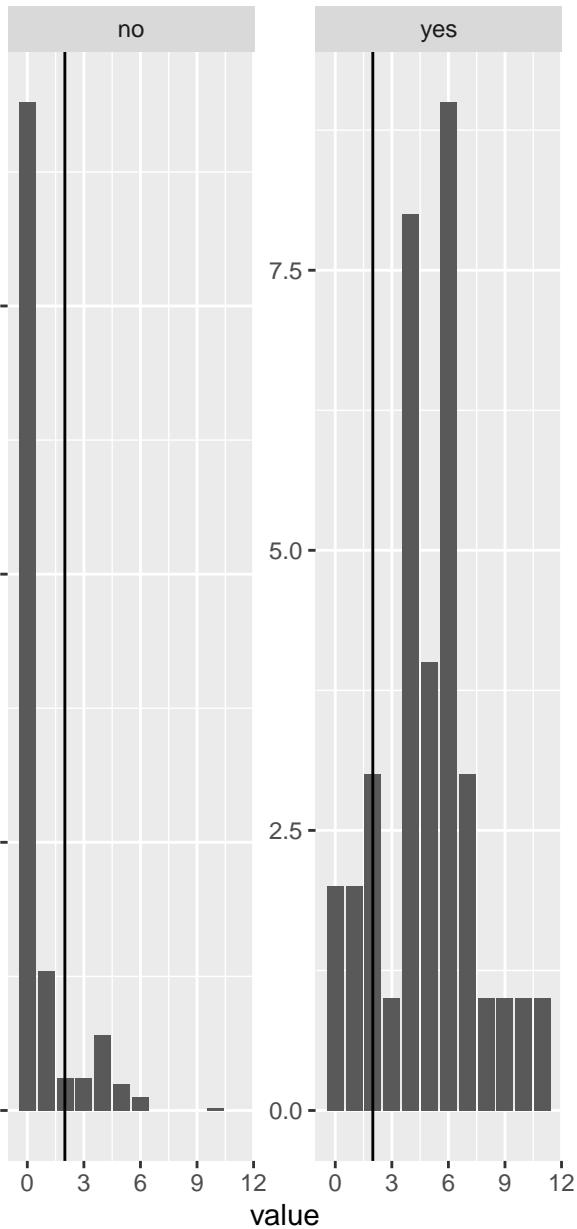


## ROC curve

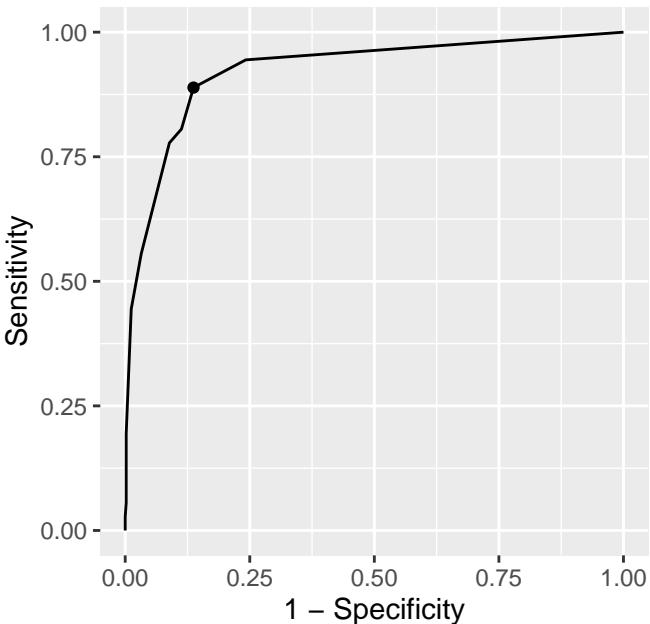


# Independent variable

optimal cutpoint and distribution by class

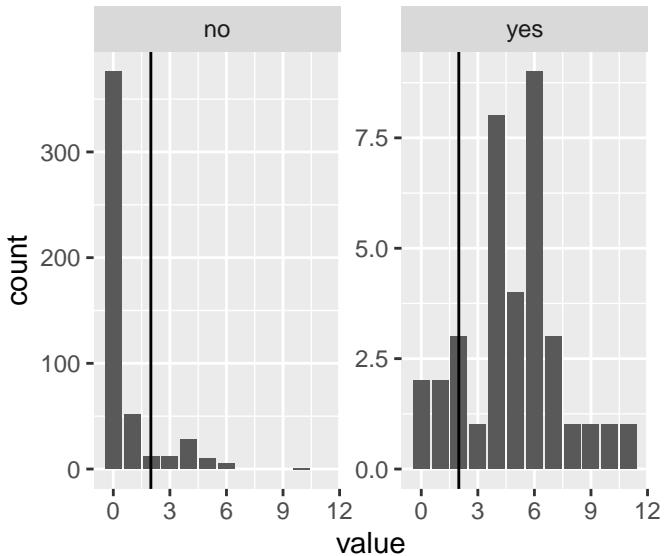


## ROC curve

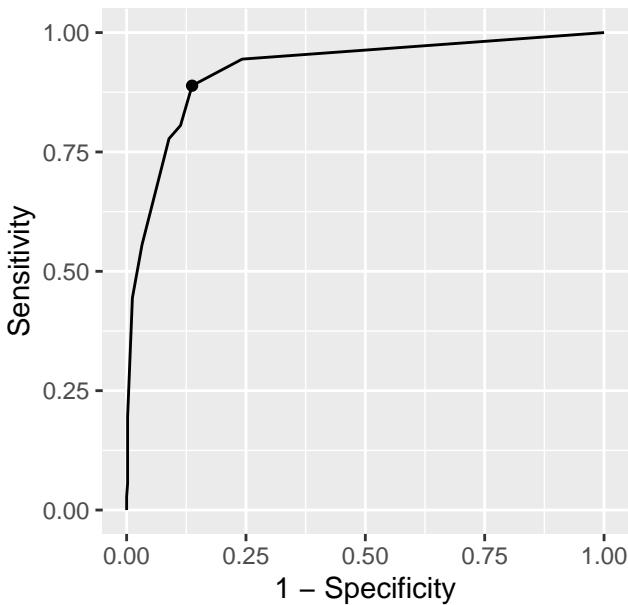


## Independent variable

optimal cutpoint and distribution by class

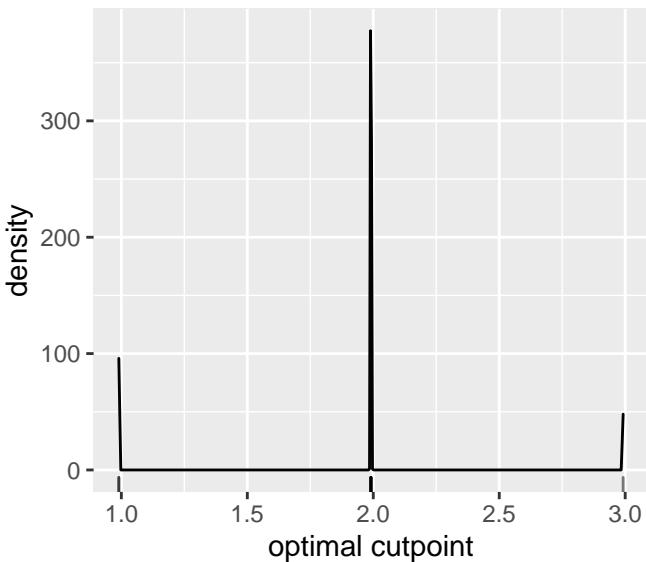


## ROC curve



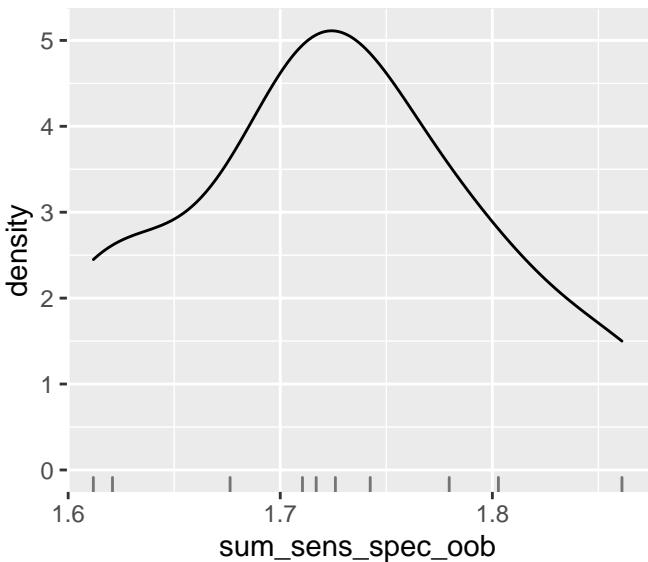
## Bootstrap

distribution of optimal cutpoints



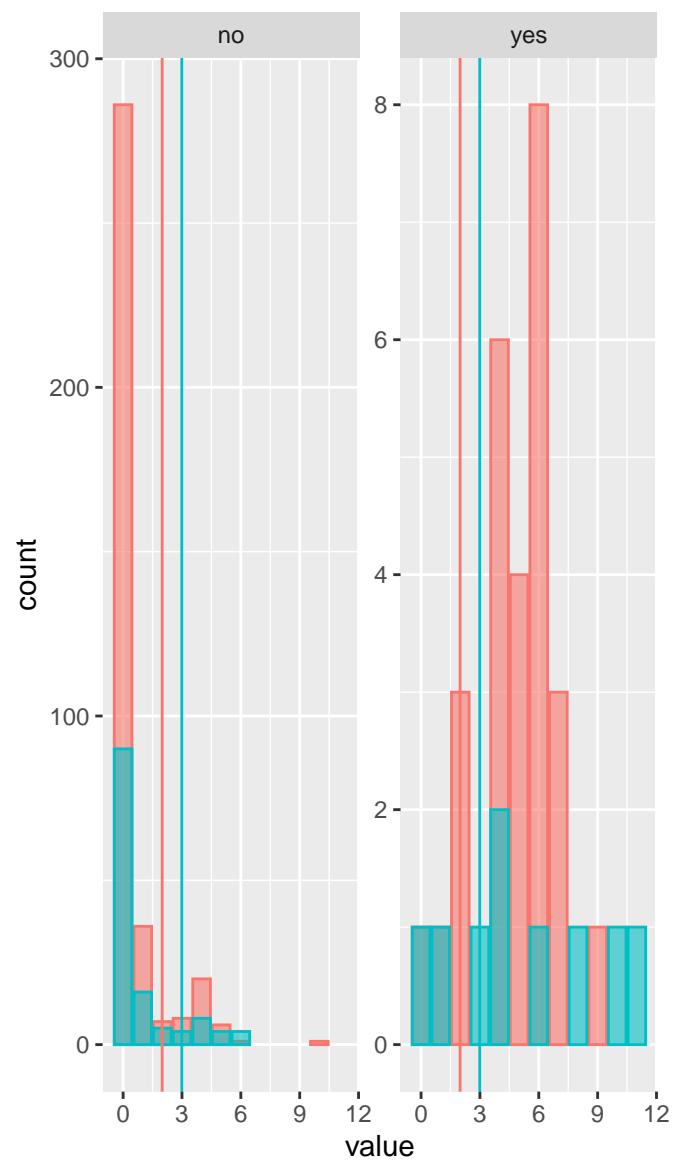
## Bootstrap

out-of-bag estimates



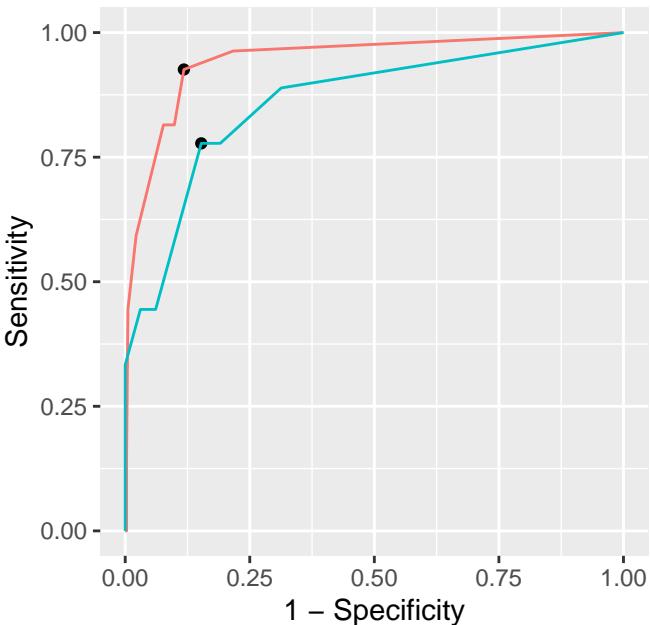
# Independent variable

optimal cutpoint and distribution by class



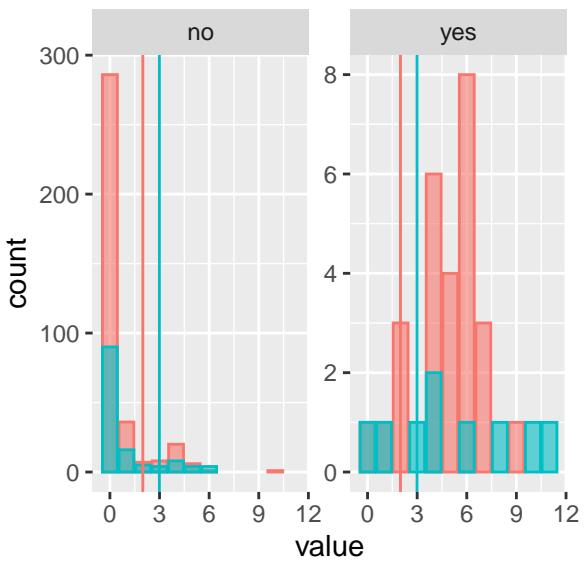
# ROC curve

by class

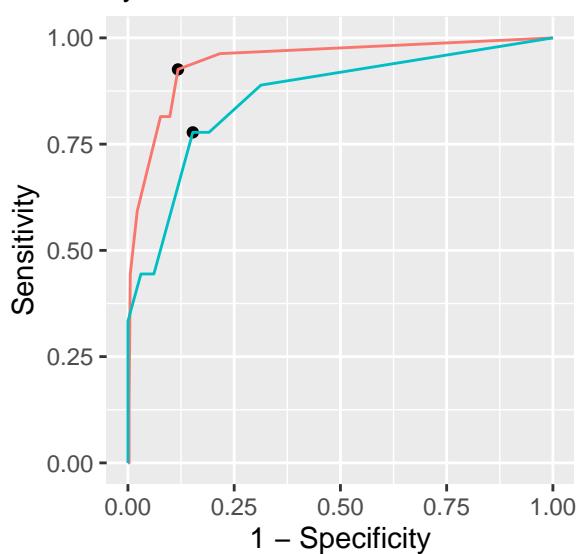


Subgroup    female    male

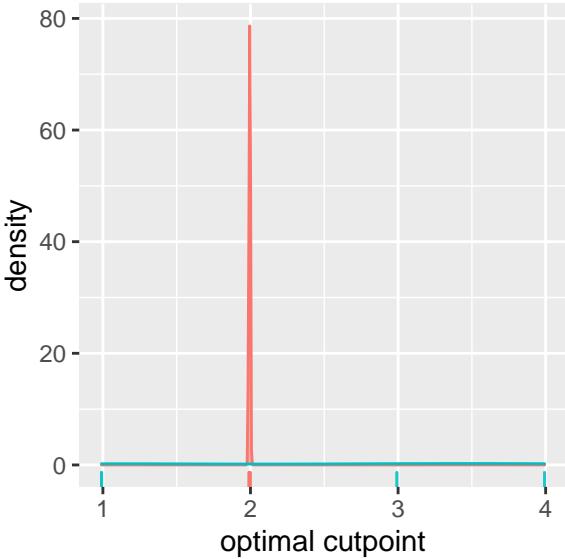
## Independent variable optimal cutpoint and distribution by class



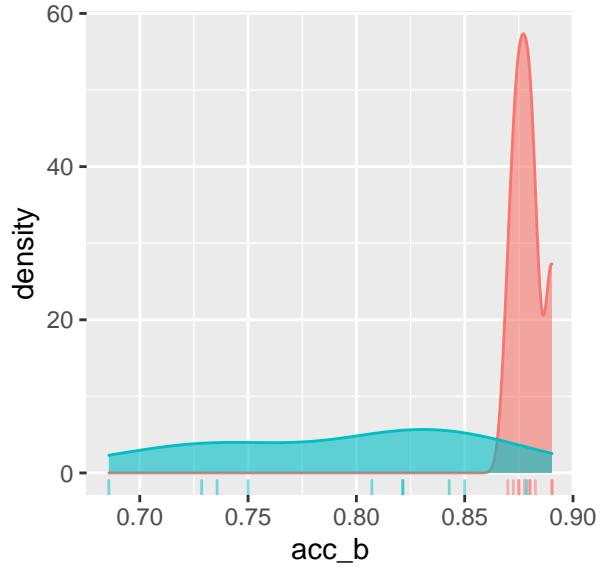
## ROC curve by class



## Bootstrap distribution of optimal cutpoints



## Bootstrap out-of-bag estimates



Subgroup

- female
- male