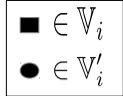


$$M_i = 1,1,1,1,0,1,1,1,1,1,1,0,1, \quad 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0, \quad 1,0,1,1$$



class

2

outliers

$a_{i,2}$

$b_{i,2}$

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

1

1

1

Overlapping Region

outlier

0

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

0

0

0

0

0

0

0

$a_{i,1}$

$b_{i,1}$

gene i expression values