

13

 $R = 0.74, p = 0.034$  $R = 0.74, p = 0.034$ Gene number enrichment ratio  
(obs/exp)

0

2

4

1

2

3

4

5

6

7

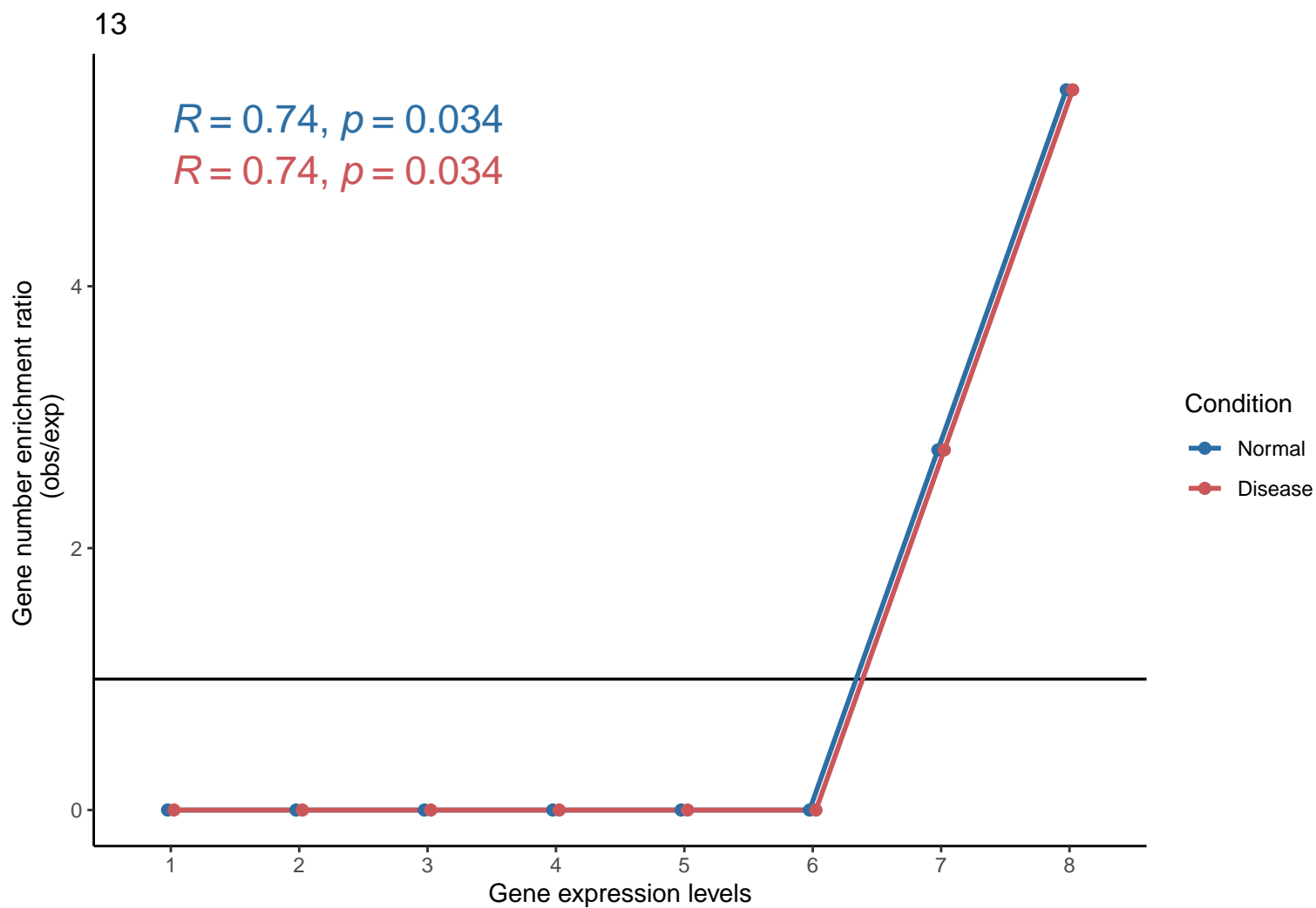
8

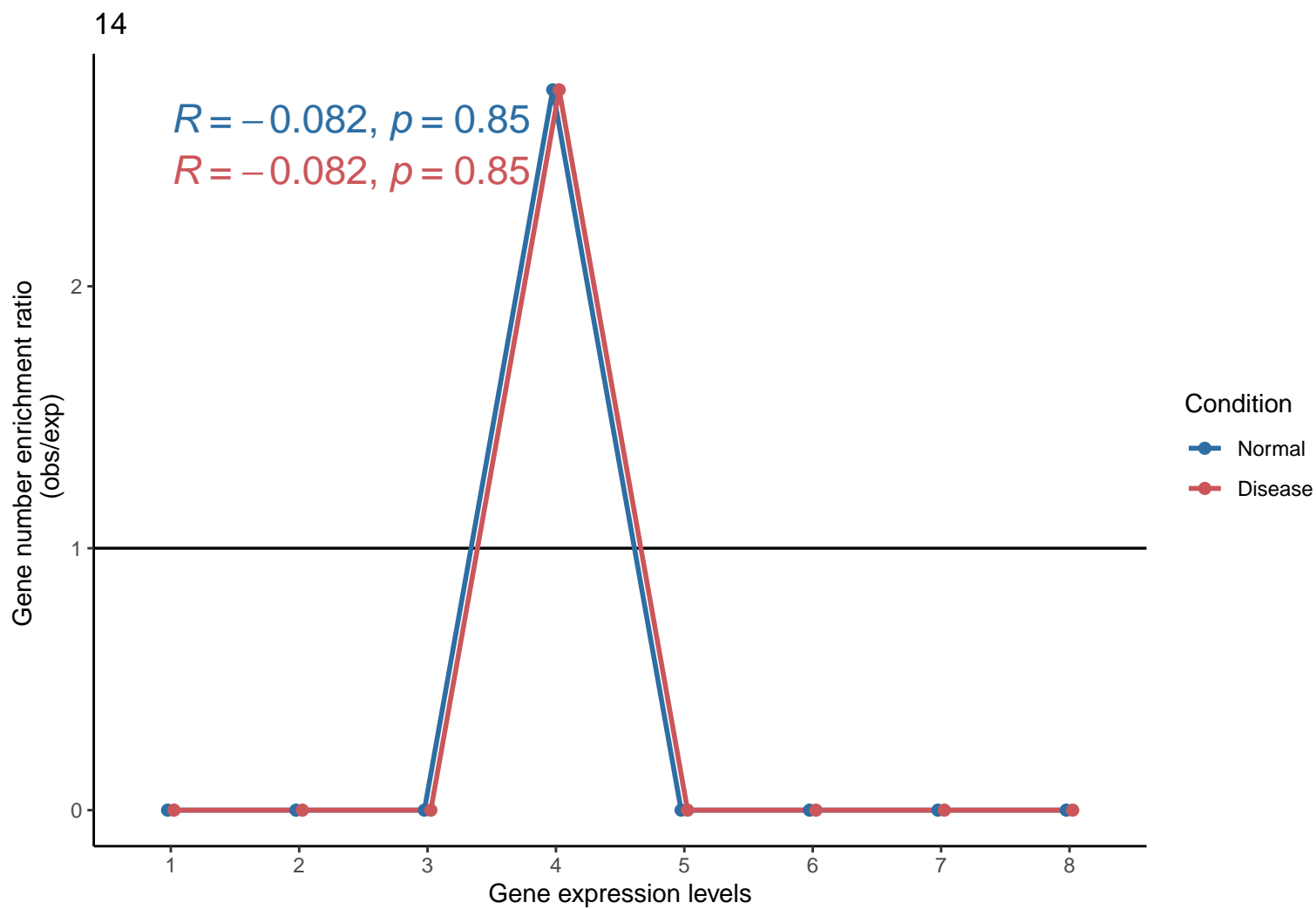
Gene expression levels

Condition

Normal

Disease





15

Gene number enrichment ratio  
(obs/exp) $R = 0.73, p = 0.039$  $R = 0.85, p = 0.0082$ 

Condition

Normal

Disease

0

2

4

6

8

Gene expression levels

1

2

3

4

5

6

7

8

16

Gene number enrichment ratio  
(obs/exp)

1.00

0.75

0.50

0.25

0.00

1

2

3

4

5

6

7

8

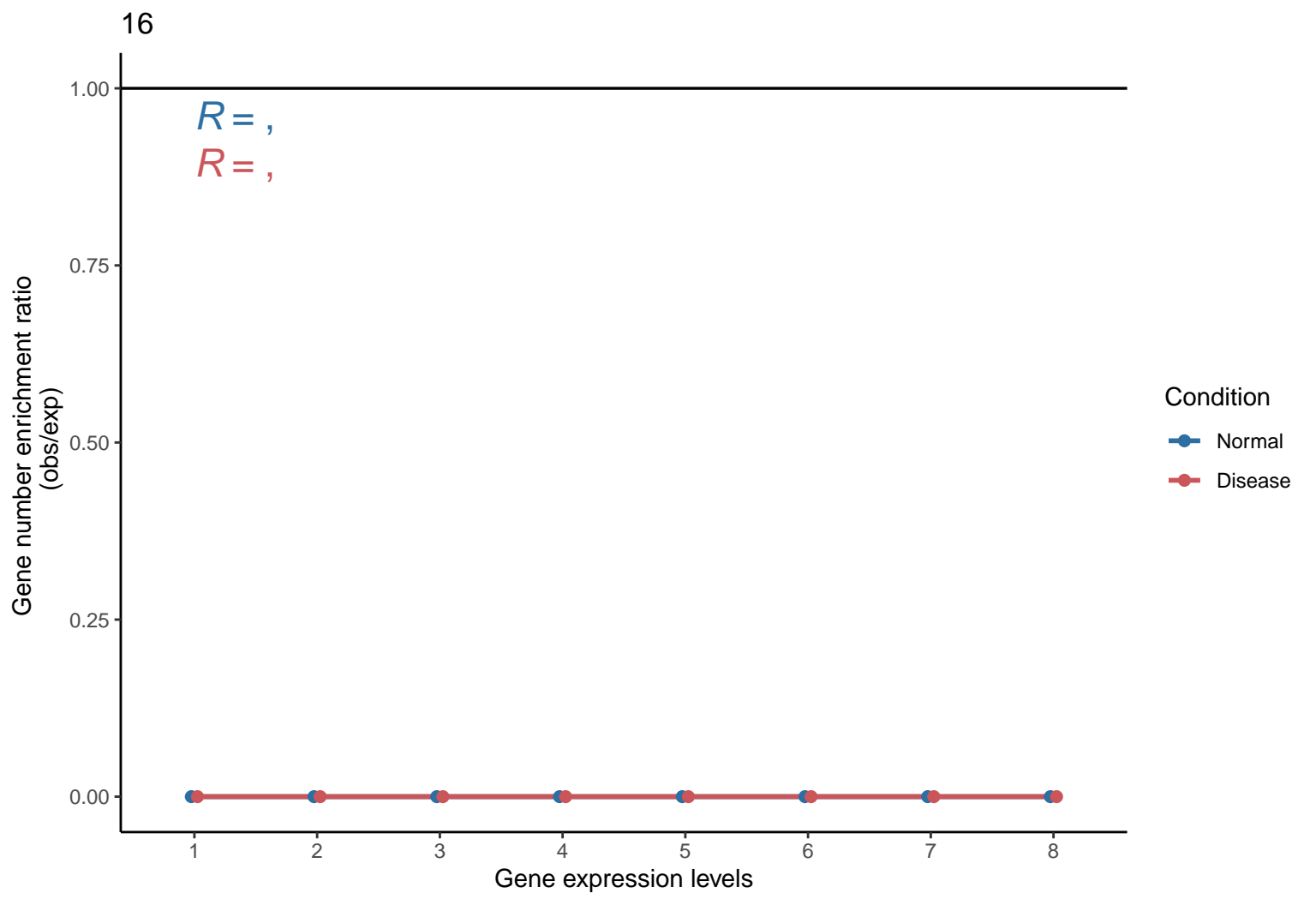
Gene expression levels

 $R = ,$  $R = ,$ 

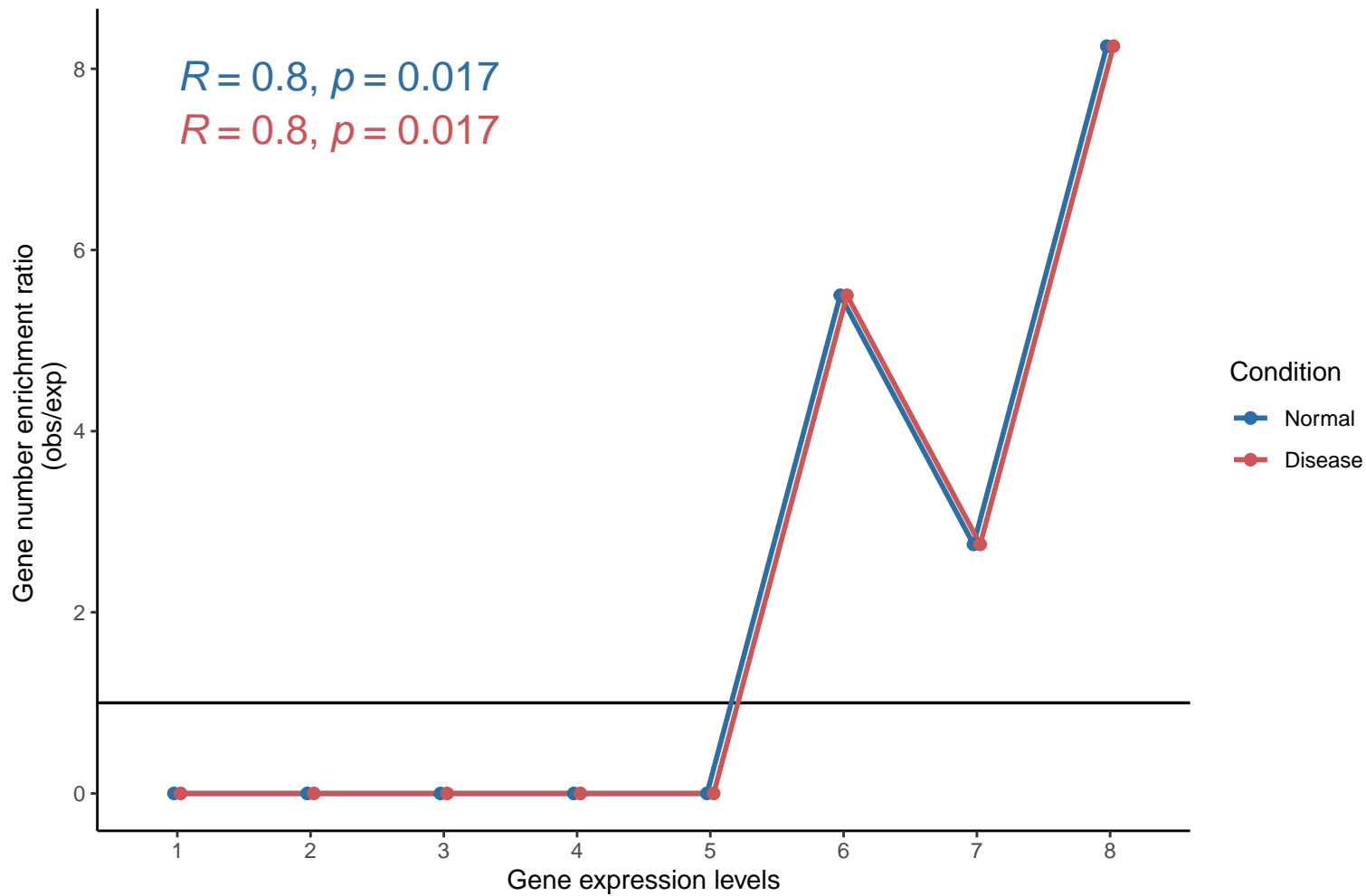
Condition

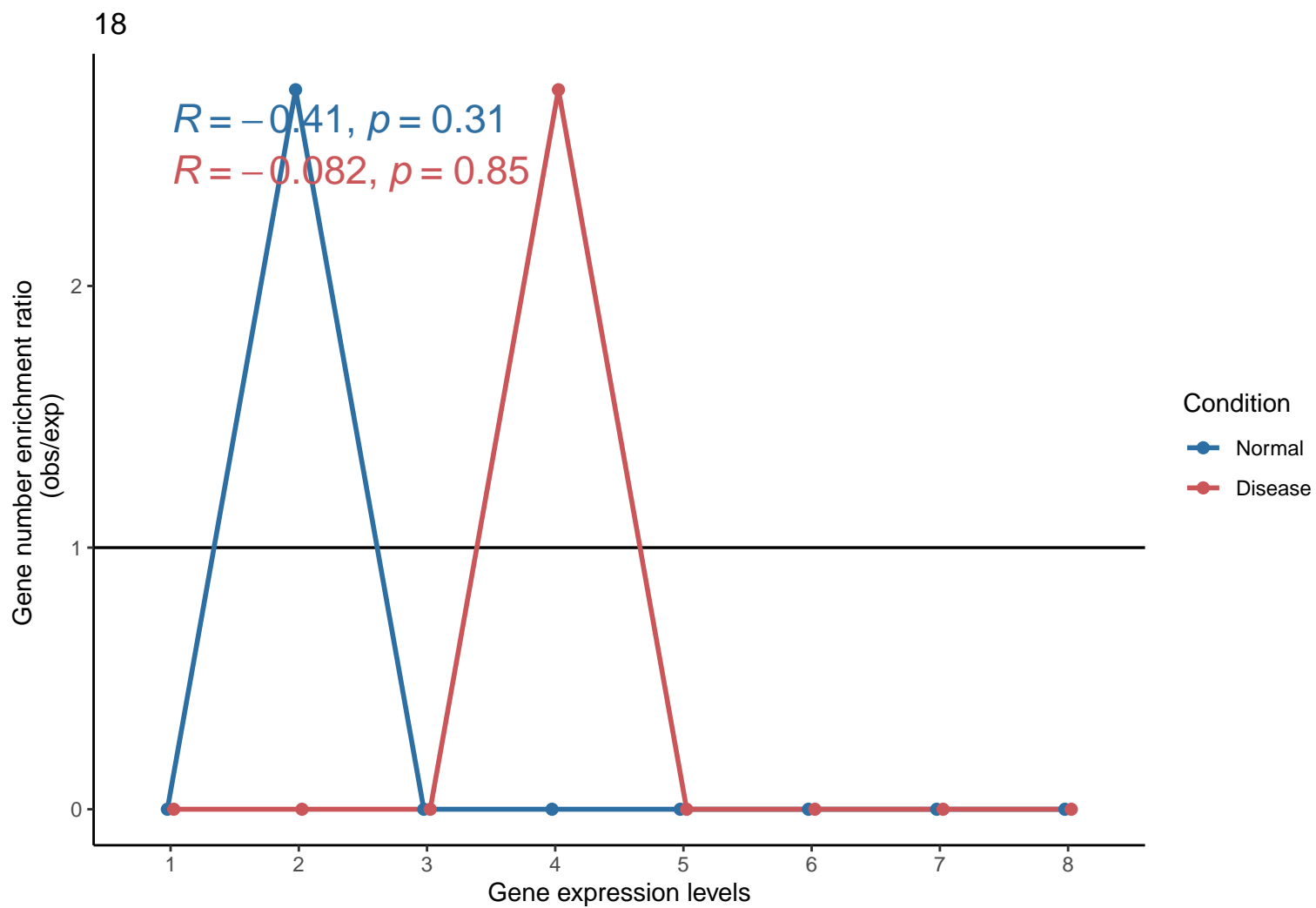
Normal

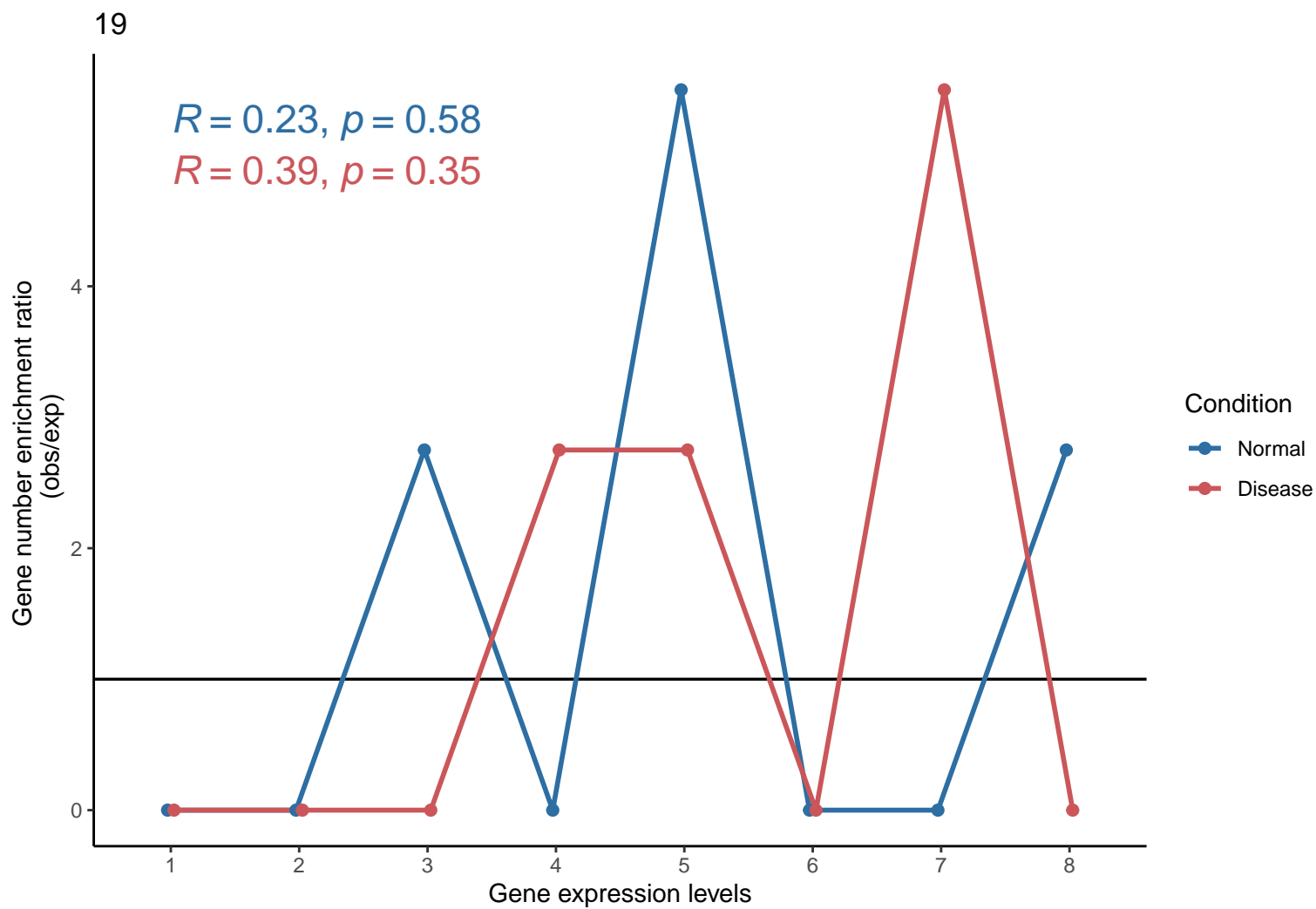
Disease











20

1.00

0.75

0.50

0.25

0.00

Gene number enrichment ratio  
(obs/exp)

1

2

3

4

5

6

7

8

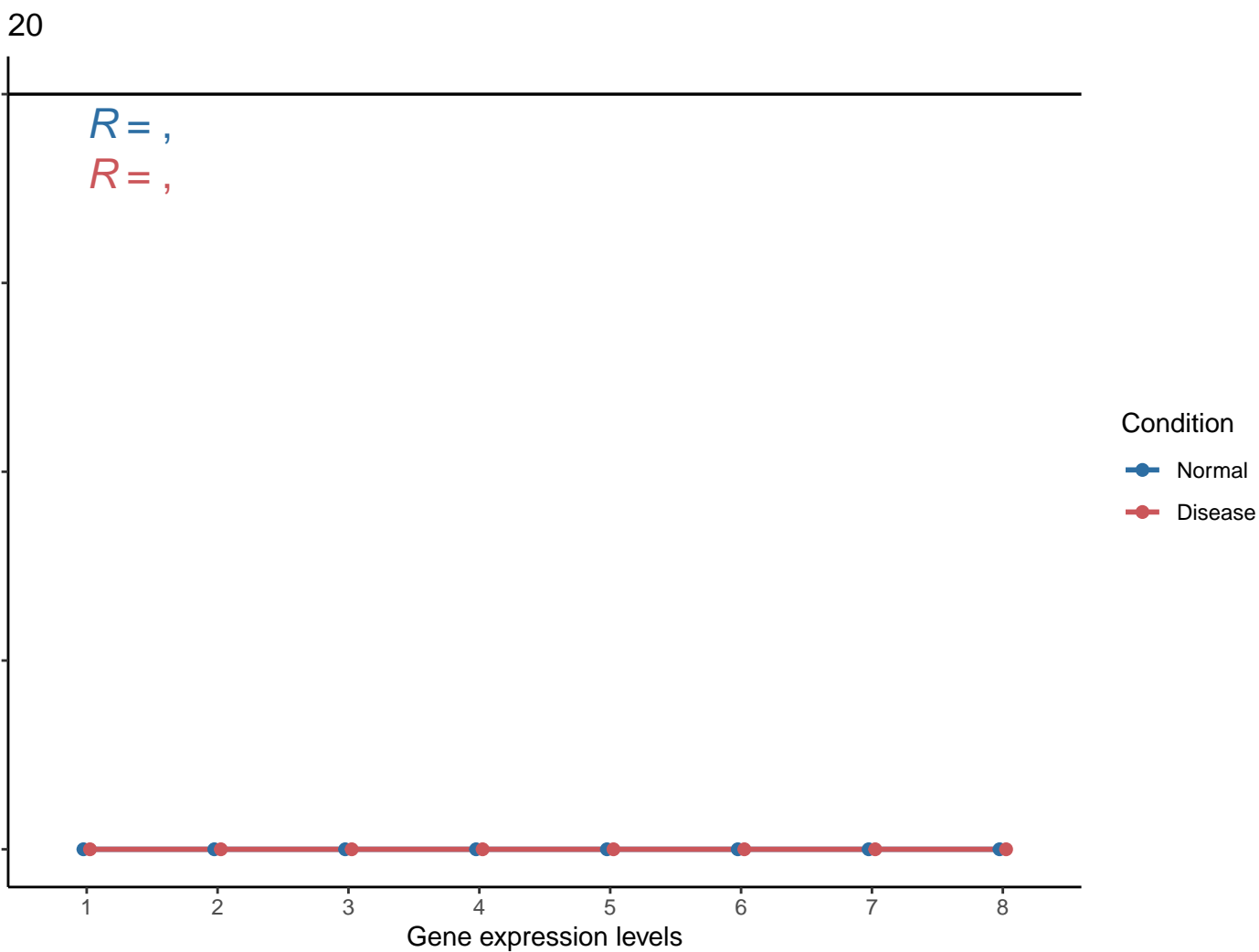
Gene expression levels

 $R = ,$  $R = ,$ 

Condition

Normal

Disease



21

Gene number enrichment ratio  
(obs/exp) $R = -0.25, p = 0.55$  $R = -0.25, p = 0.55$ 

Condition

Normal

Disease

0

1

2

1

2

3

4

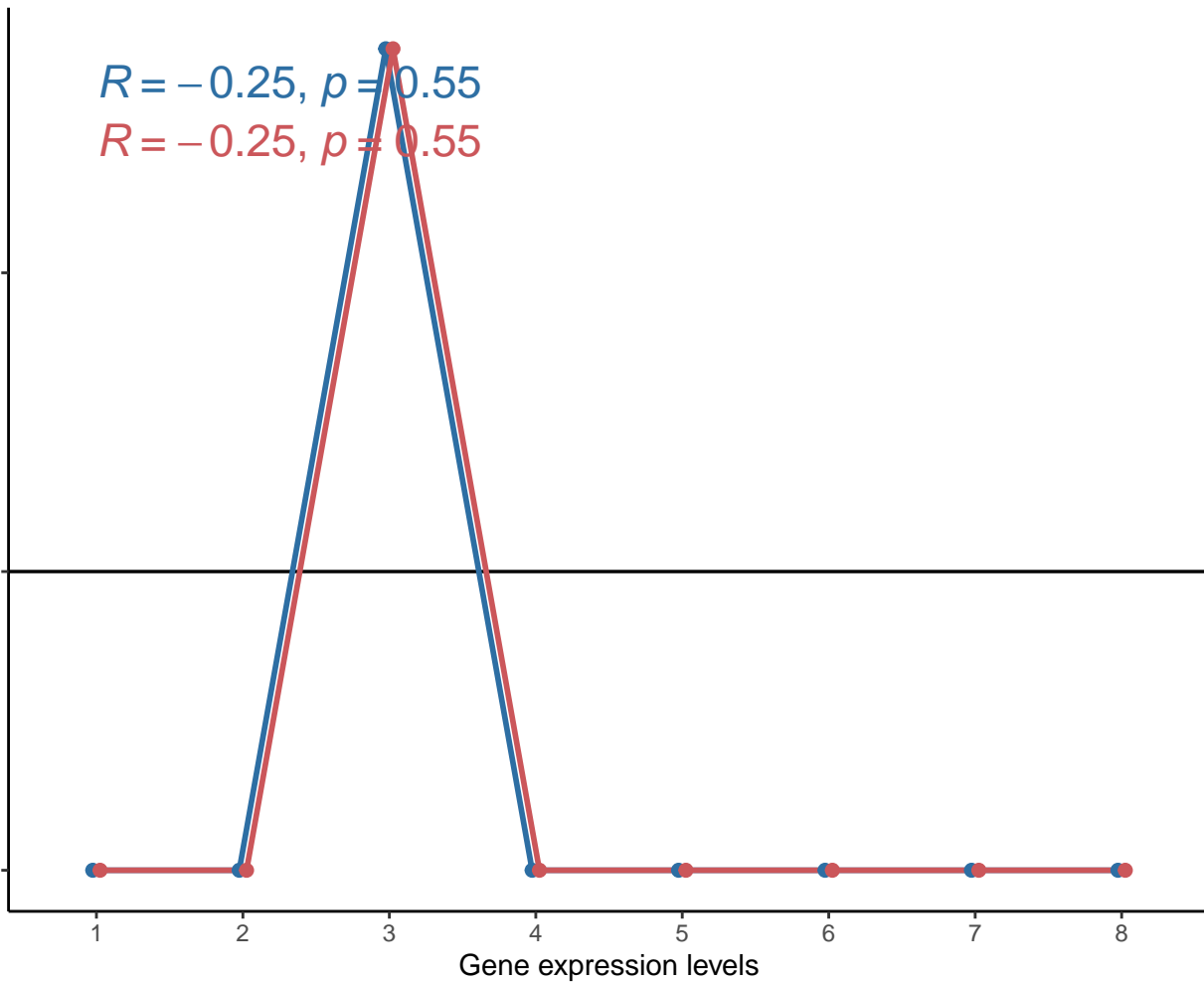
5

6

7

8

Gene expression levels



22

Gene number enrichment ratio  
(obs/exp) $R = -0.082, p = 0.85$  $R = 0.082, p = 0.85$ 

Condition

Normal

Disease

0

1

2

1

2

3

4

5

6

7

8

Gene expression levels

