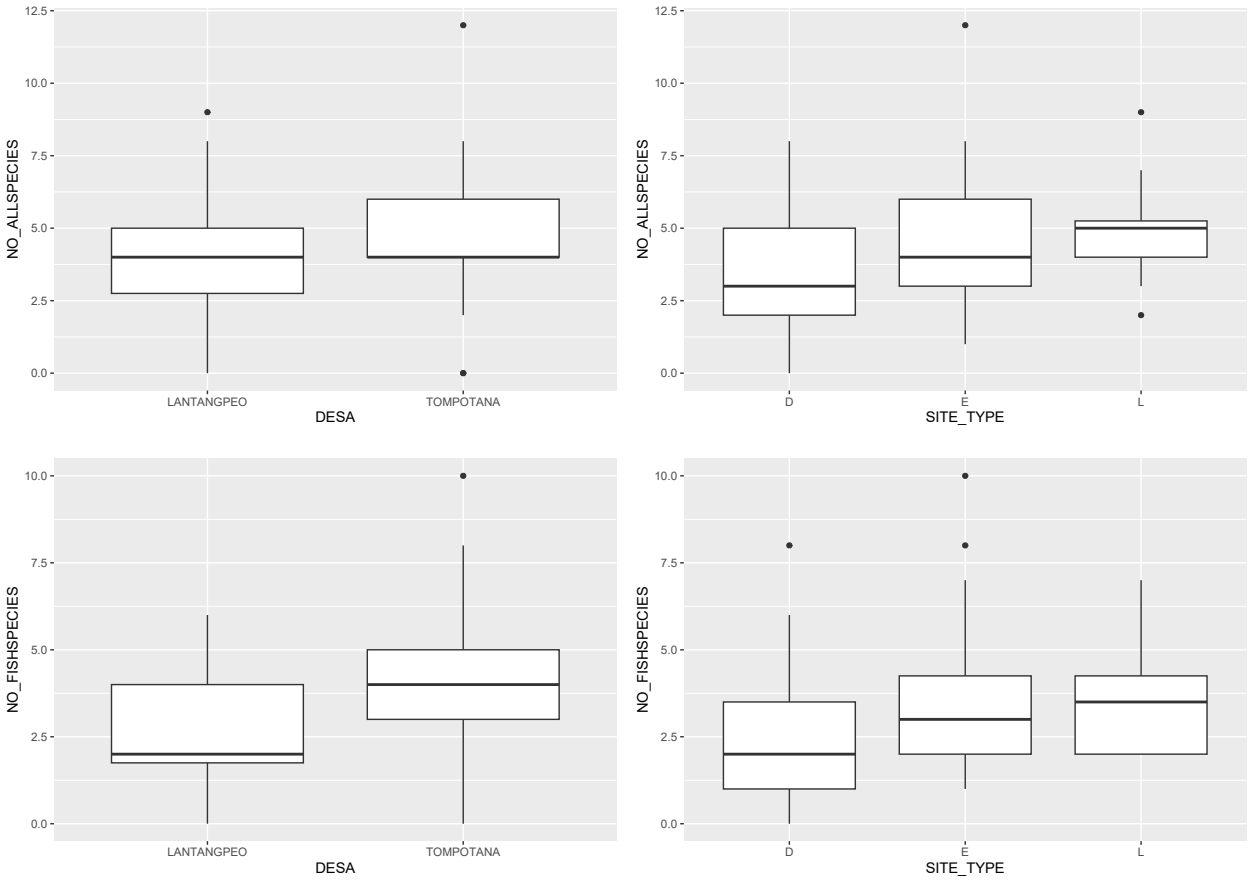
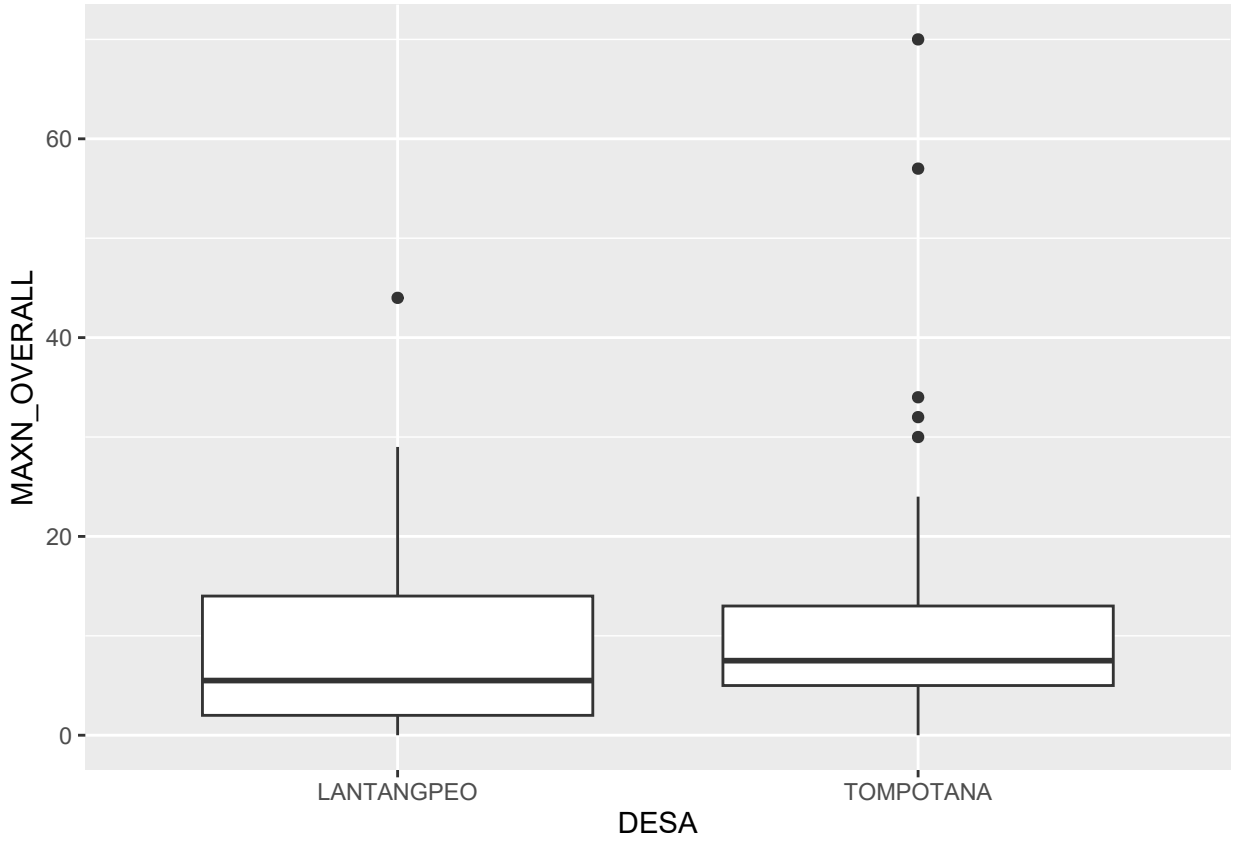
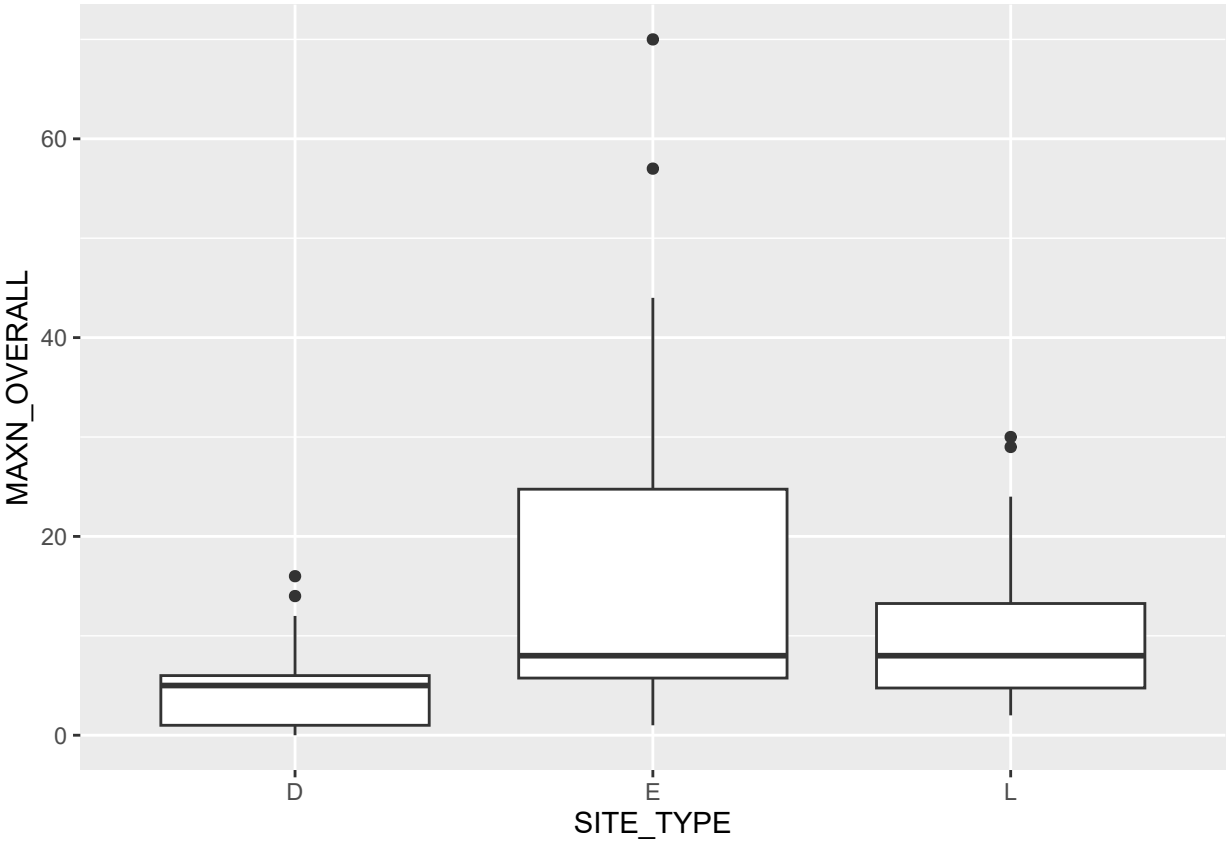
DataViz_practice

Sophie Wulfing

2024-09-01




60
40
20
0
MAXN_OVERALL
LANTANGPEO
TOMPOTANA
DESA


60
40
20
0
MAXN_OVERALL
D
E
L
SITE_TYPE

ANOVAS AND STATS

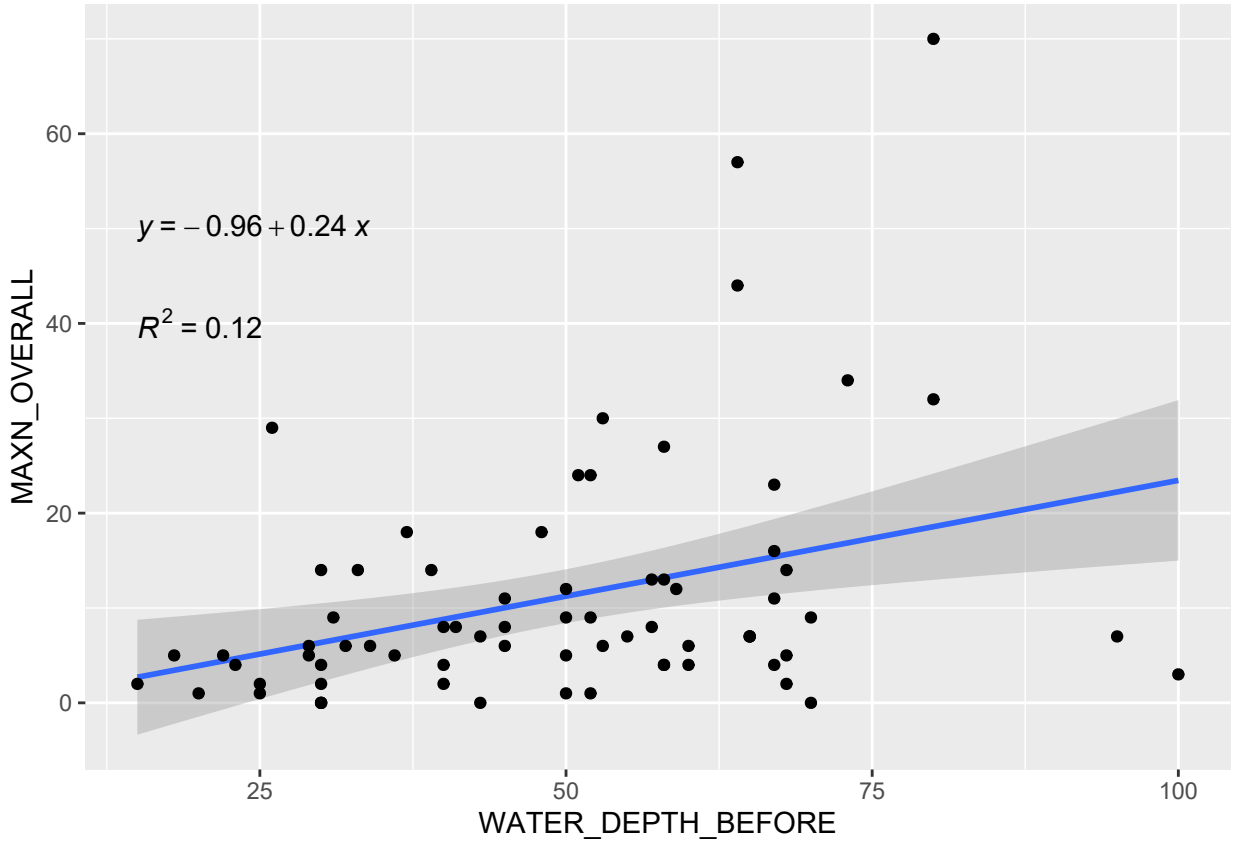
```
##             Df Sum Sq Mean Sq F value  Pr(>F)
## SITE_TYPE    2   1934   967.2   6.919 0.00182 **
## Residuals   69   9645   139.8
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

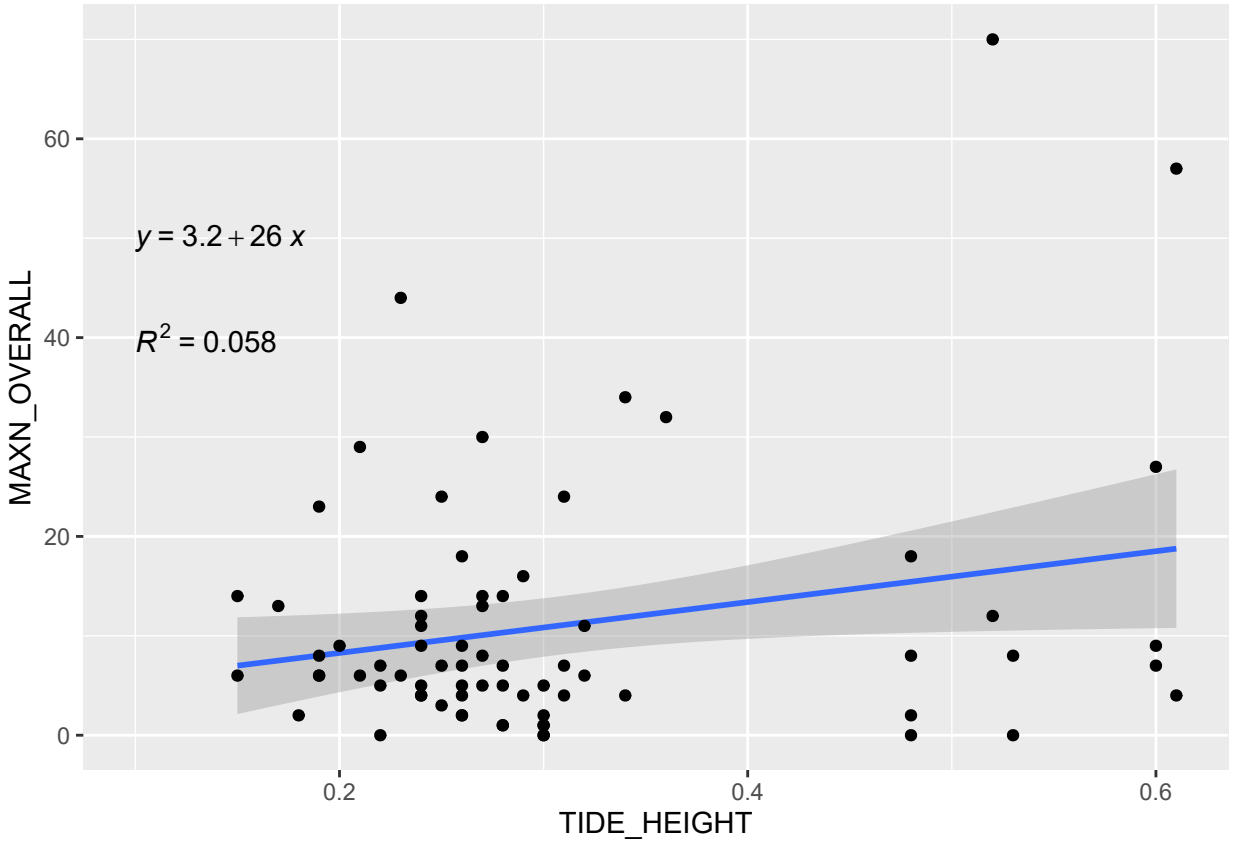
```
##             Df Sum Sq Mean Sq F value Pr(>F)
## DESA         1    325   325.1   2.022  0.159
## Residuals   70  11254   160.8
```

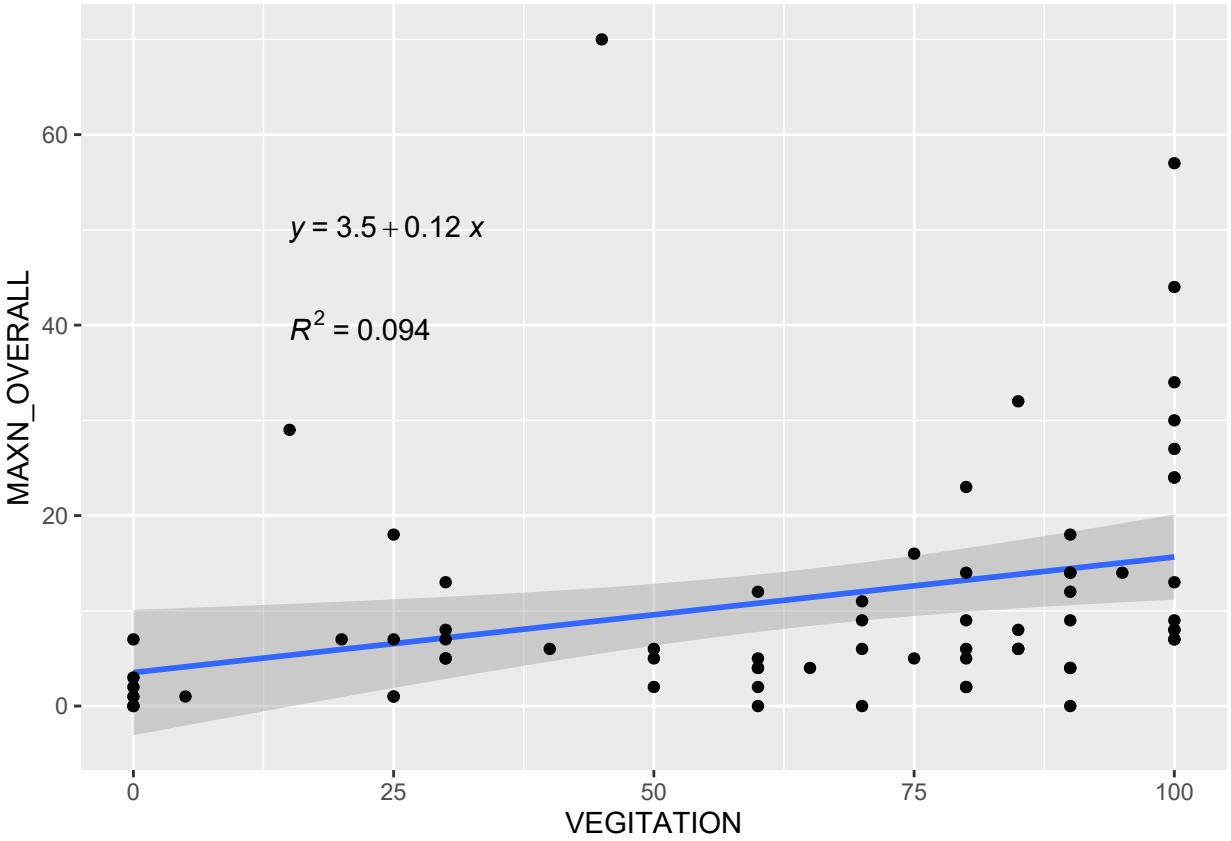
```
##             Df Sum Sq Mean Sq F value  Pr(>F)
## SITE_TYPE    2   1934   967.2   7.057 0.00164 **
## DESA         1    325   325.1   2.372 0.12815
## Residuals   68   9319   137.1
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

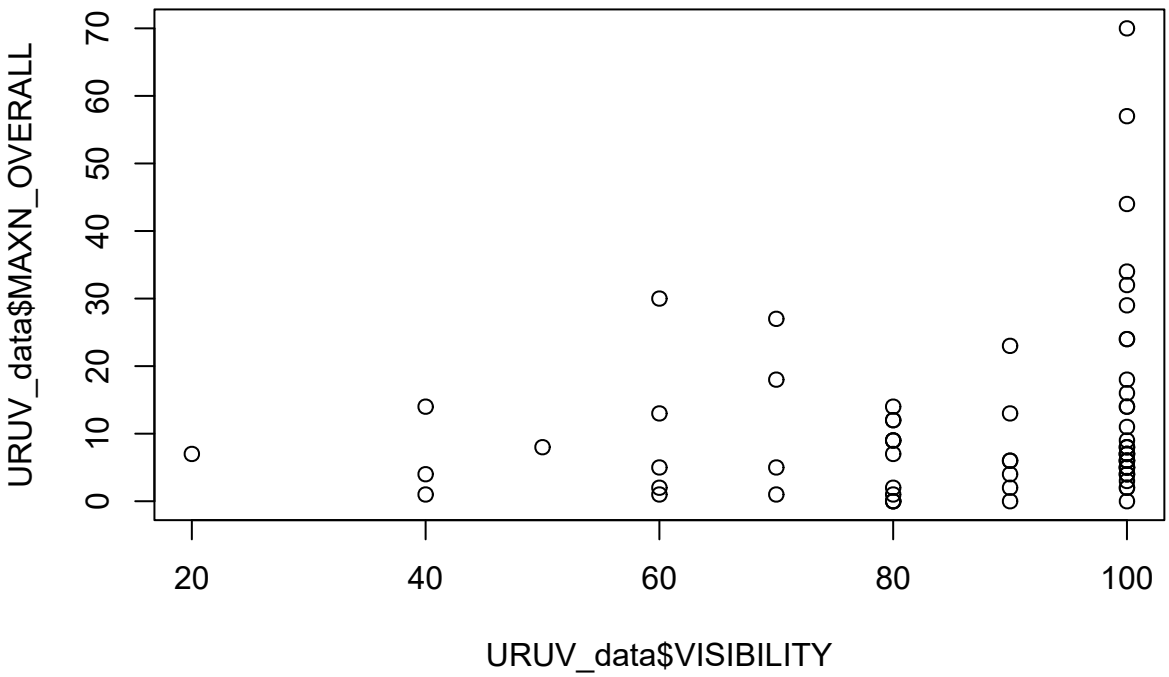
```
##                Df Sum Sq Mean Sq F value  Pr(>F)
## SITE_TYPE       2   1934   967.2   6.974 0.00179 **
## DESA            1    325   325.1   2.344 0.13052
## SITE_TYPE:DESA  2    166    83.2   0.600 0.55195
## Residuals      66   9153   138.7
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

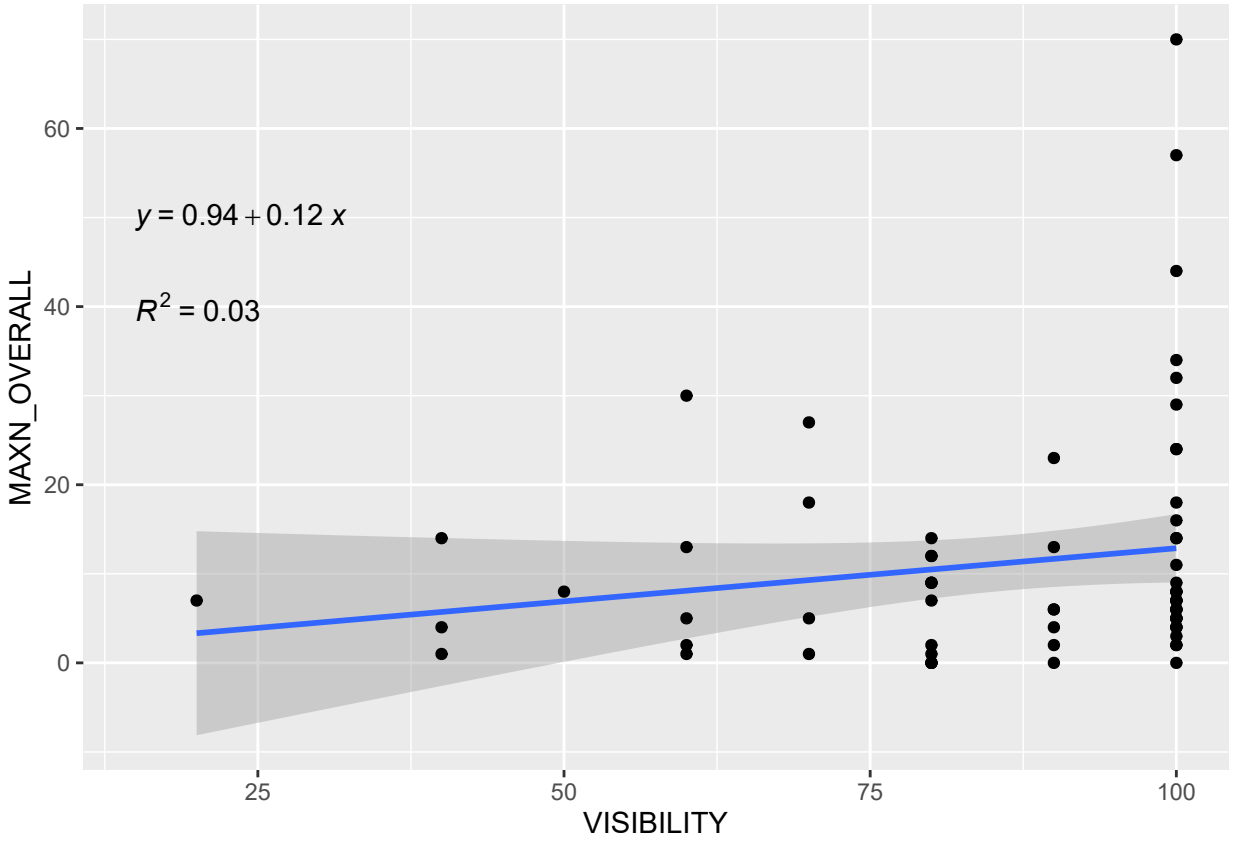
STATS


y = – 0.96 + 0.24 x
R2 = 0.12
MAXN_OVERALL
WATER_DEPTH_BEFORE
0
20
40
60
25
50
75
100

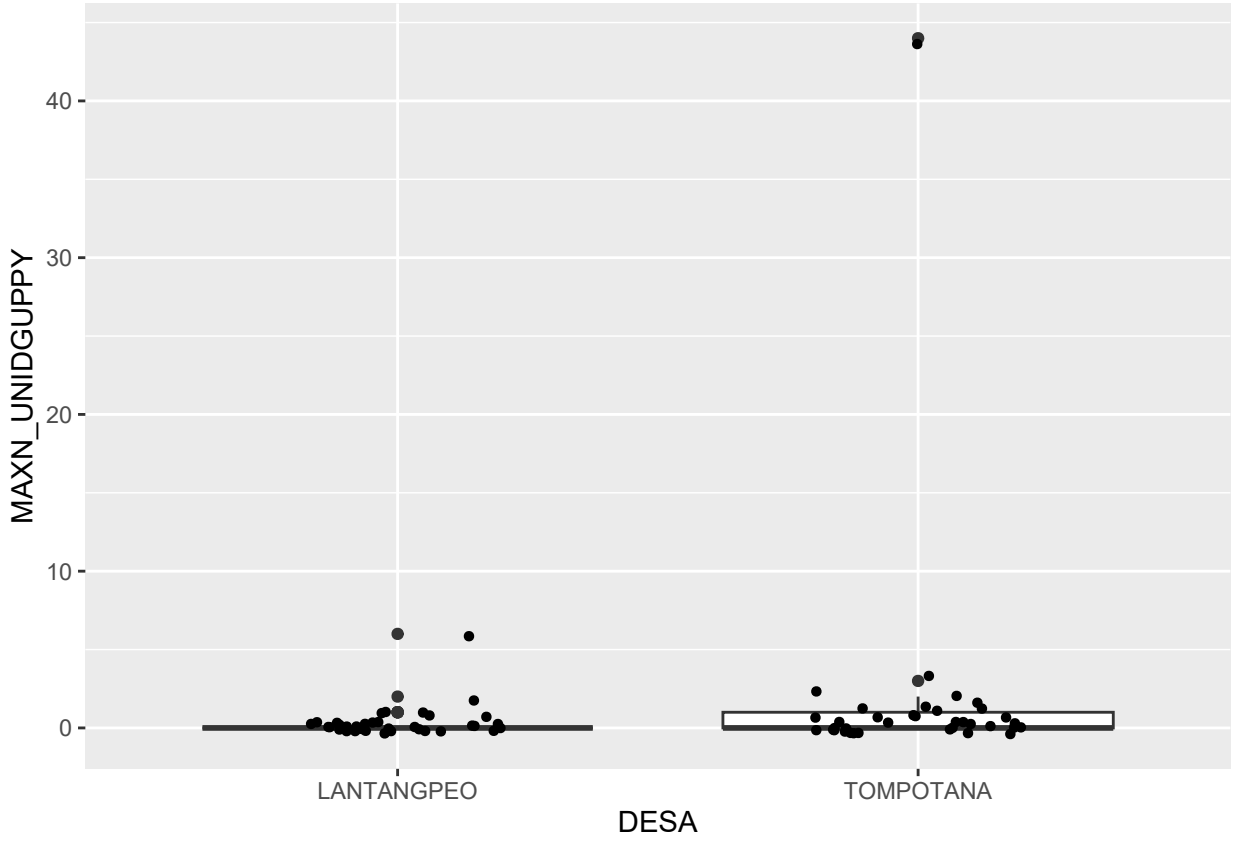

y = 3.2 + 26 x
R2 = 0.058
MAXN_OVERALL
TIDE_HEIGHT
0
20
40
60
0.2
0.4
0.6

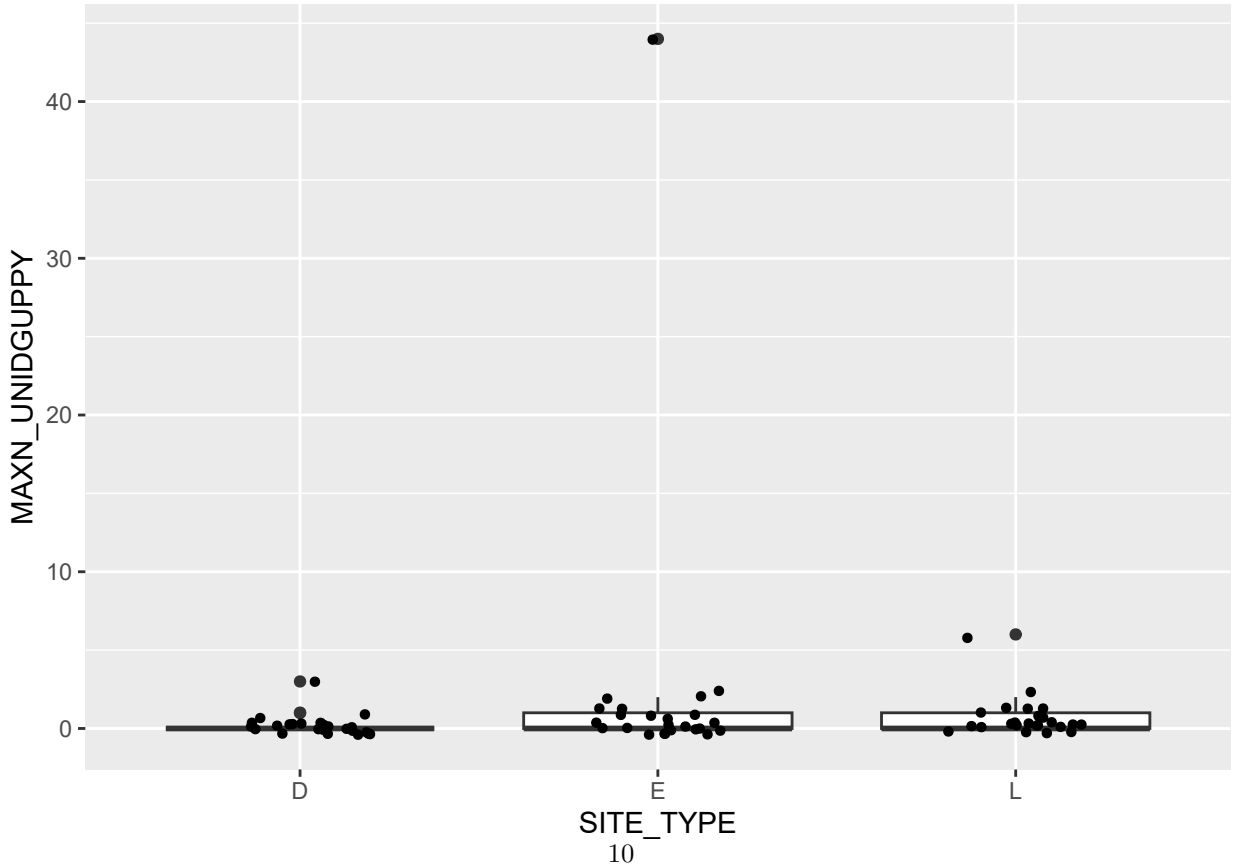

y = 3.5 + 0.12 x
R2 = 0.094
MAXN_OVERALL
VEGITATION
0
20
40
60
0
25
50
75
100

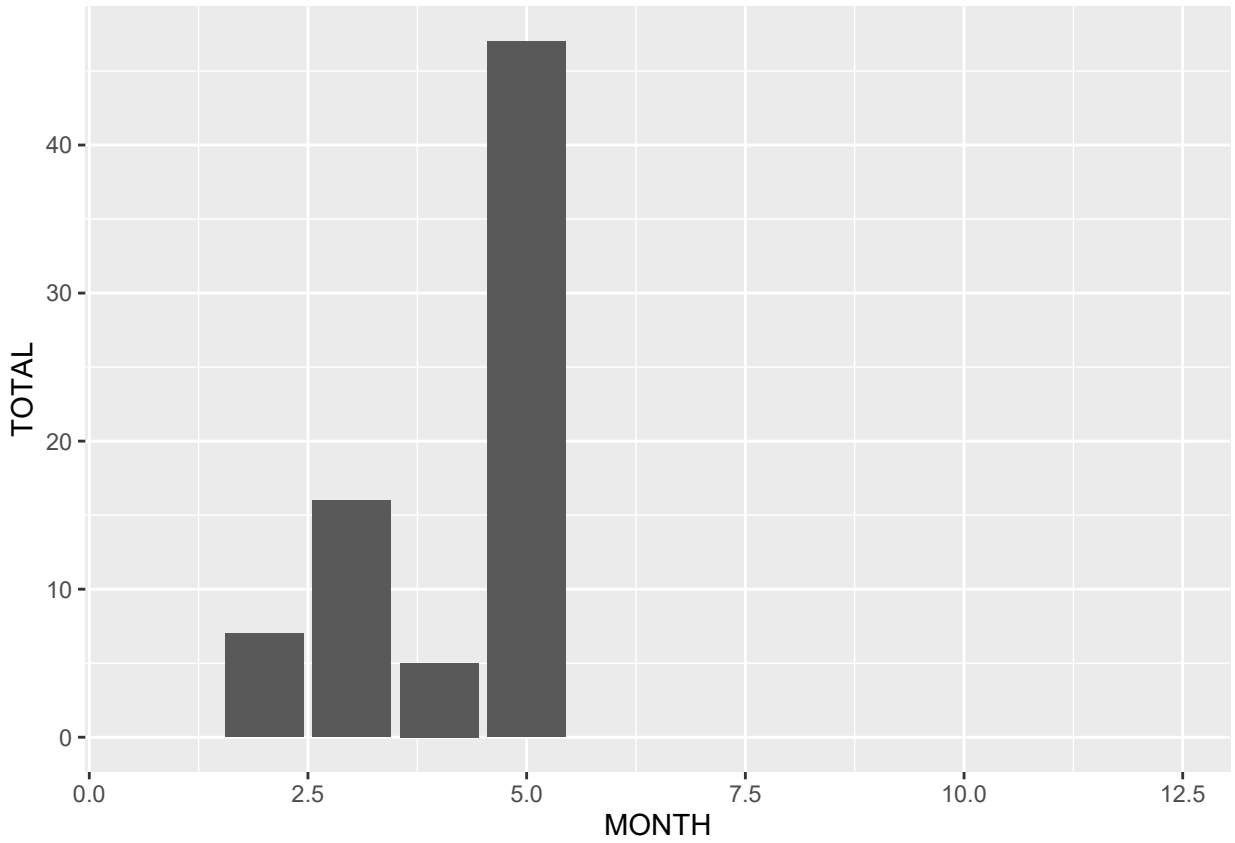

URUV_data$MAXN_OVERALL
0
10
20
30
40
50
60
70
20
40
60
80
100
URUV_data$VISIBILITY


y = 0.94 + 0.12 x
R2 = 0.03
MAXN_OVERALL
VISIBILITY
0
20
40
60
25
50
75
100

INDIVIDUAL SPECIES



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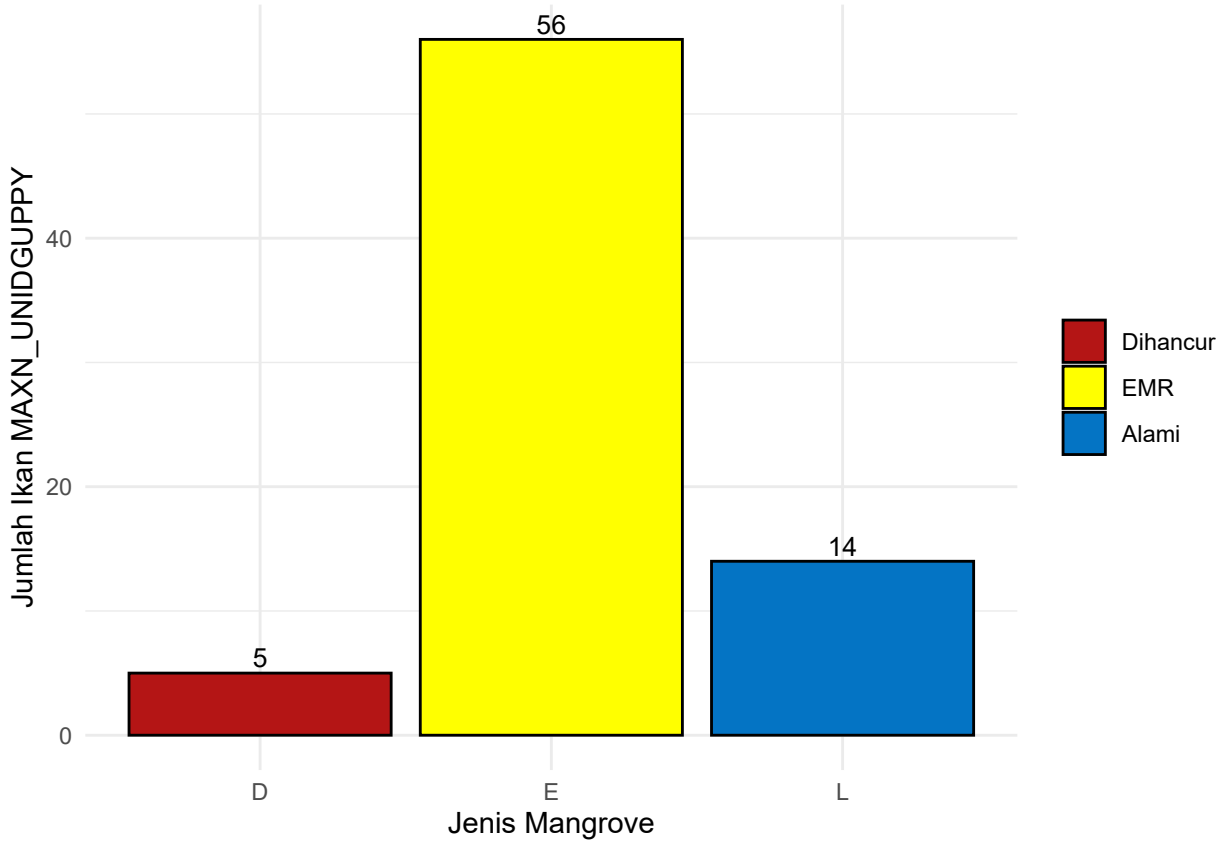
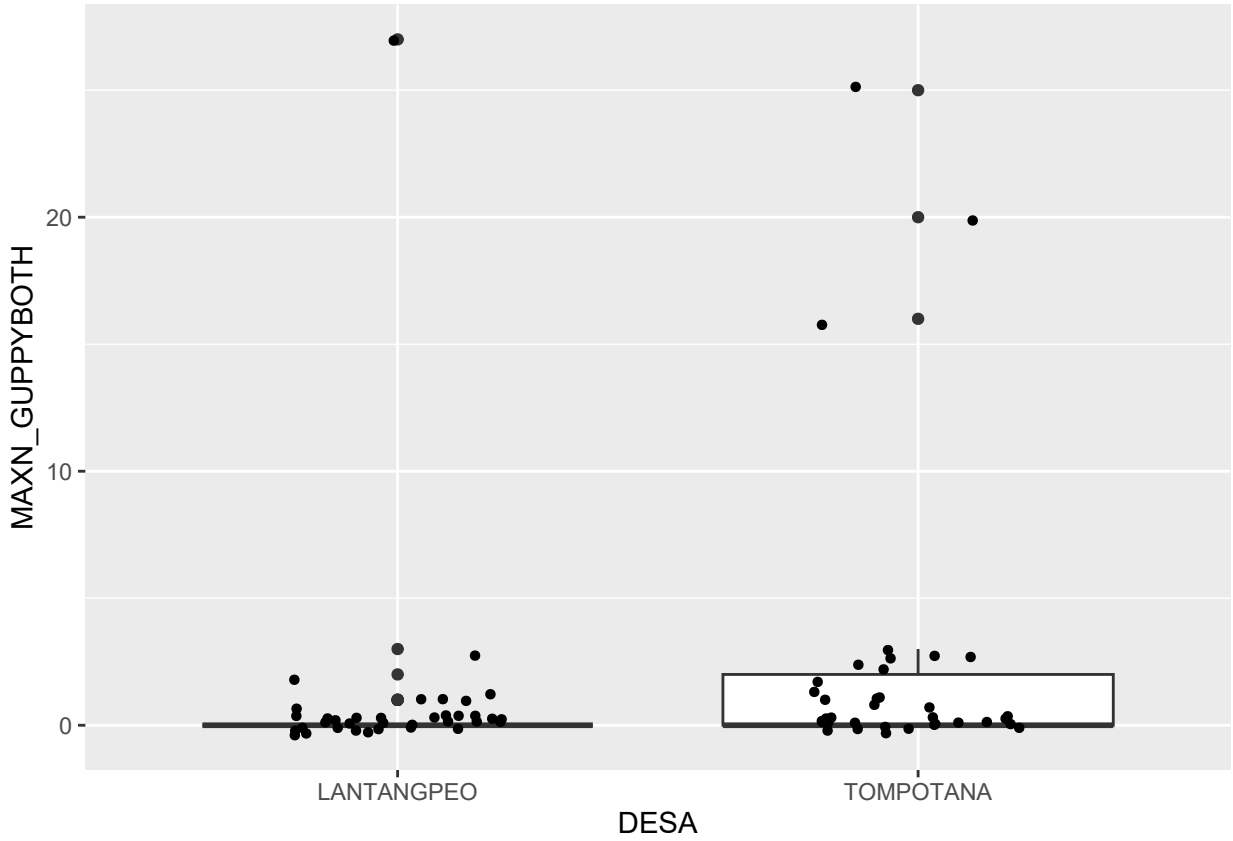
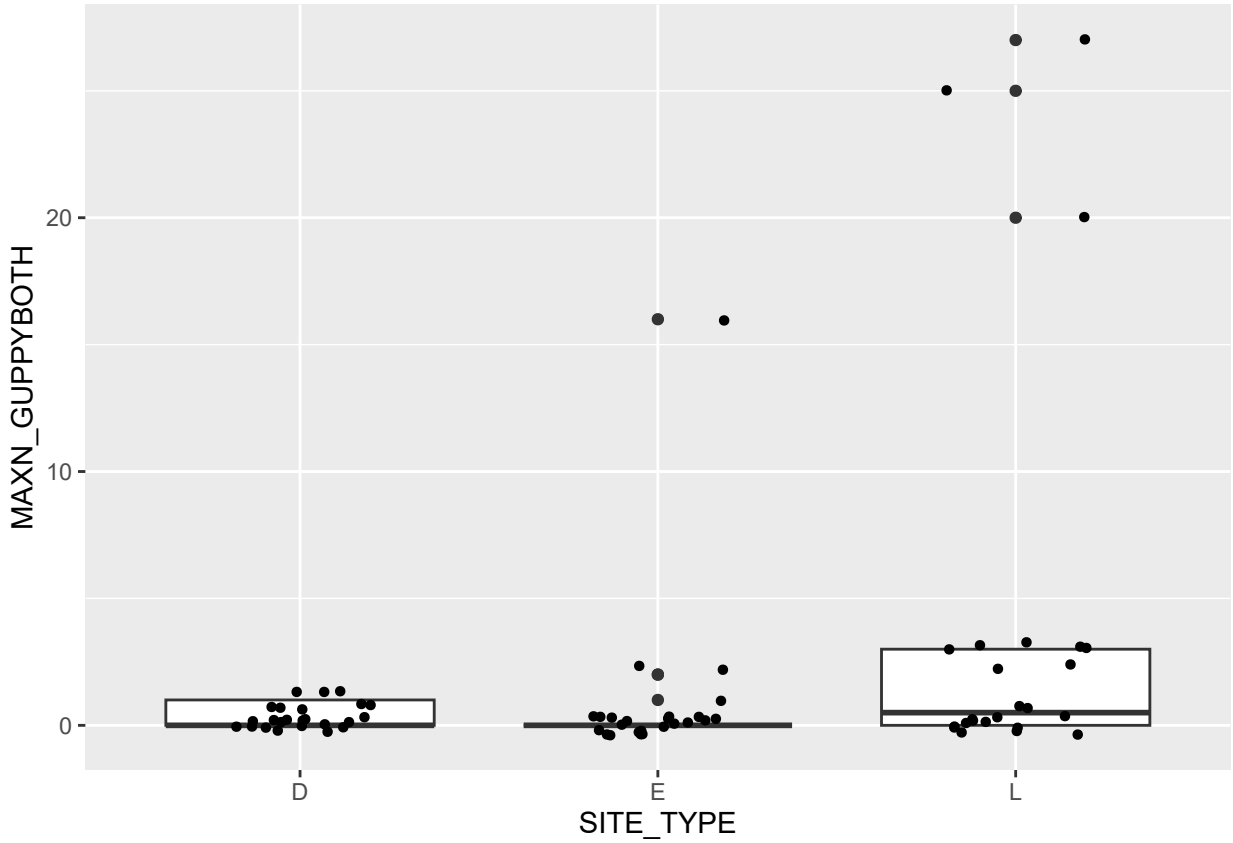
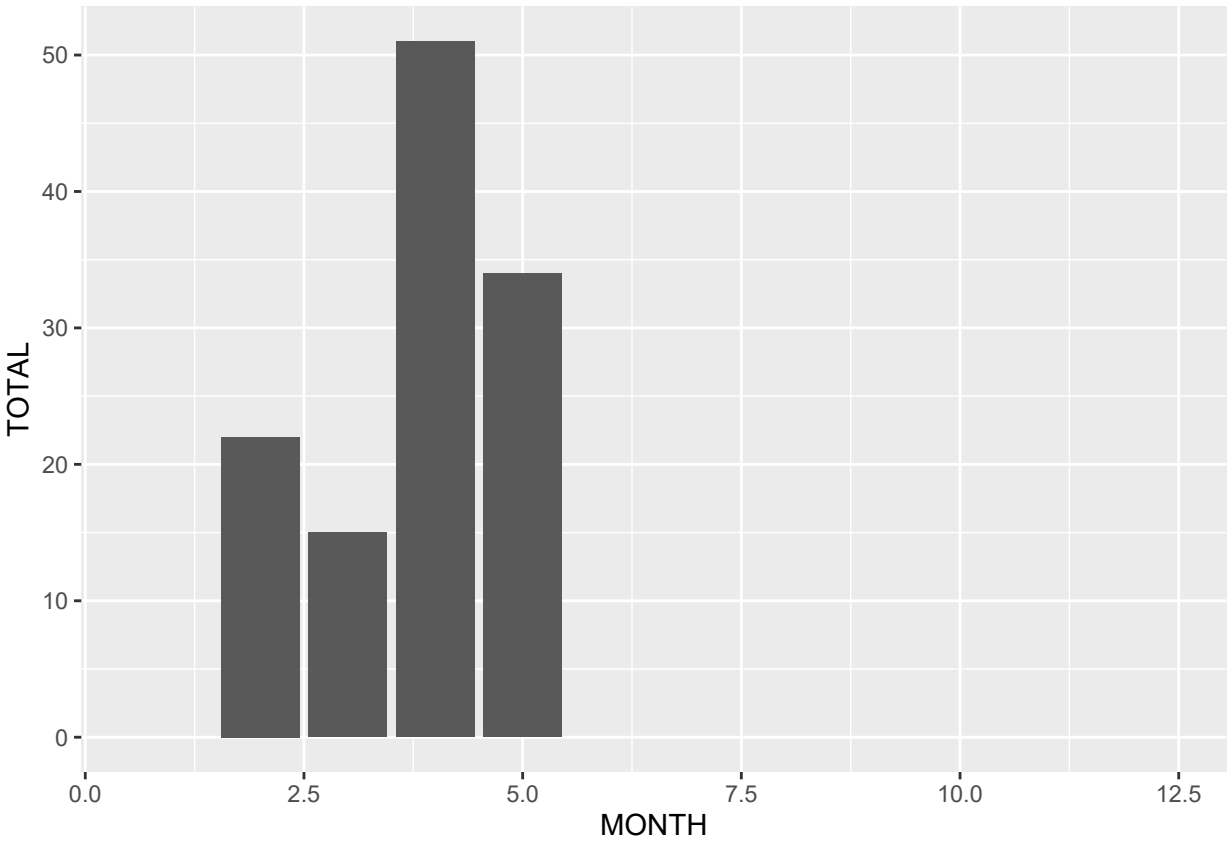
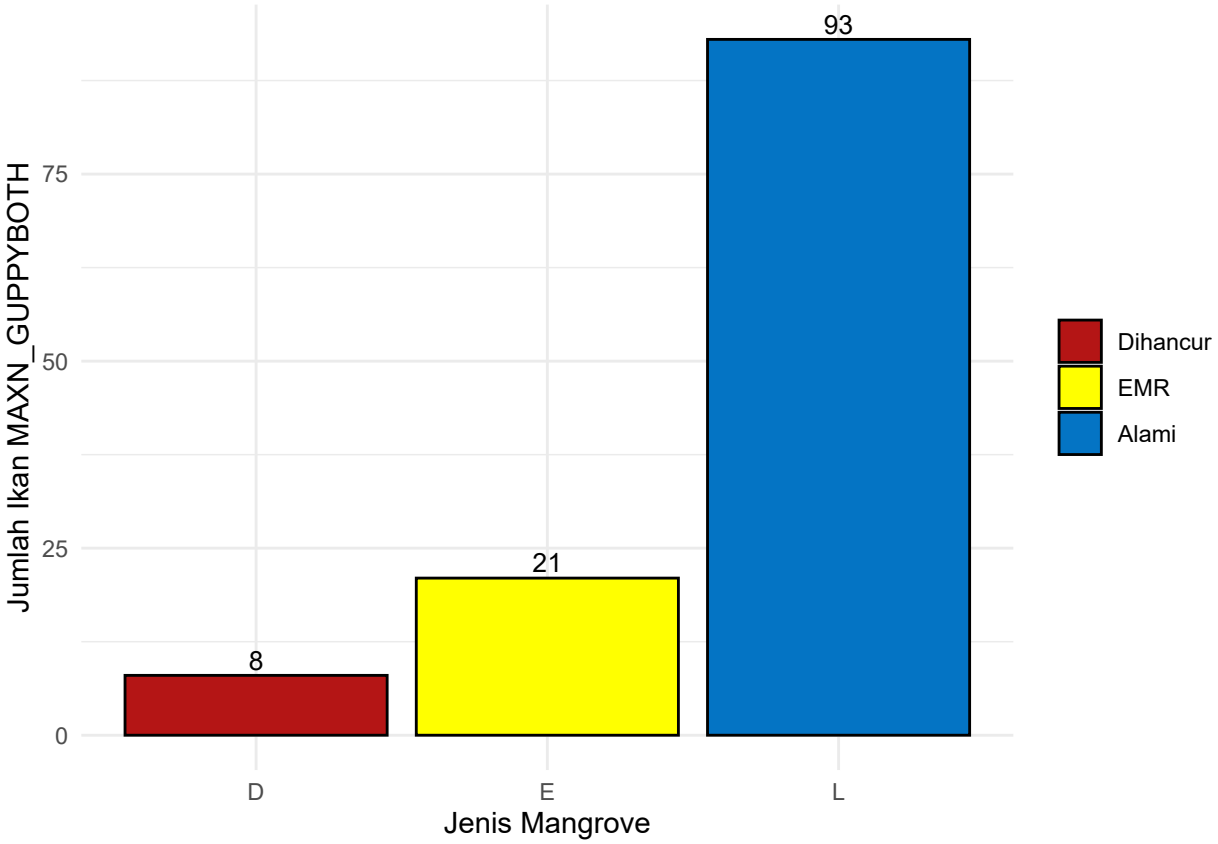
40
30
20
10
0
0.0
2.5
5.0
7.5
10.0
12.5
MONTH

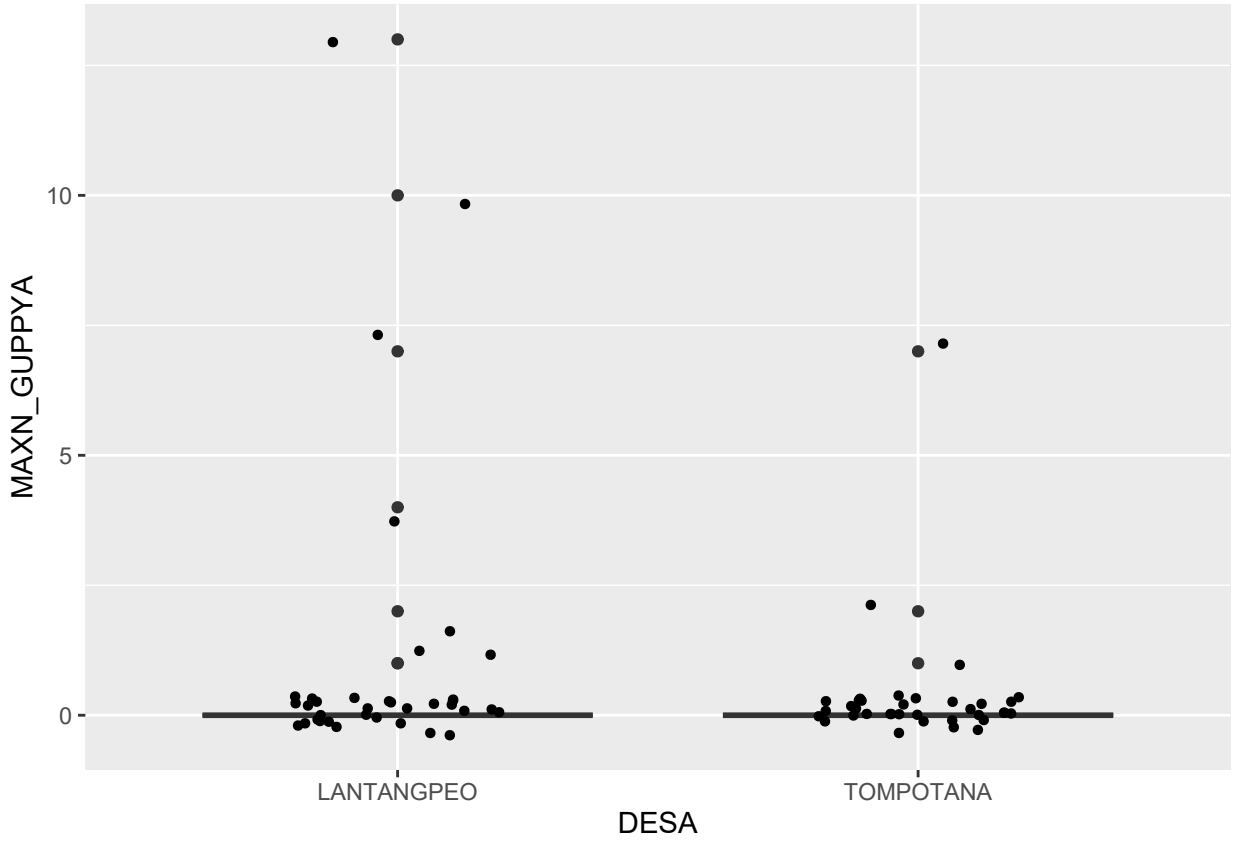

56
40
20
0
5
14
Jumlah Ikan MAXN_UNIDGUPPY
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami

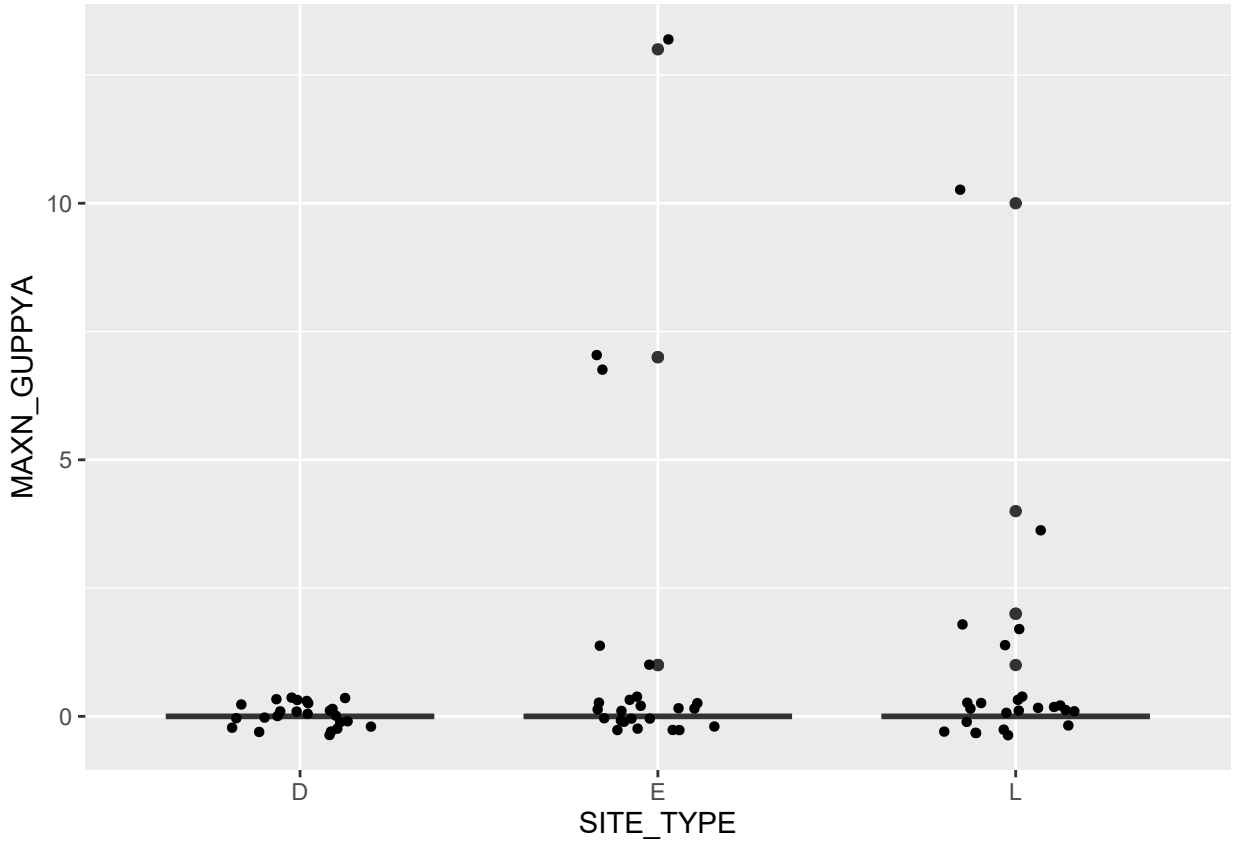

MAXN_GUPPYBOTH
20
10
0
LANTANGPEO
TOMPOTANA
DESA

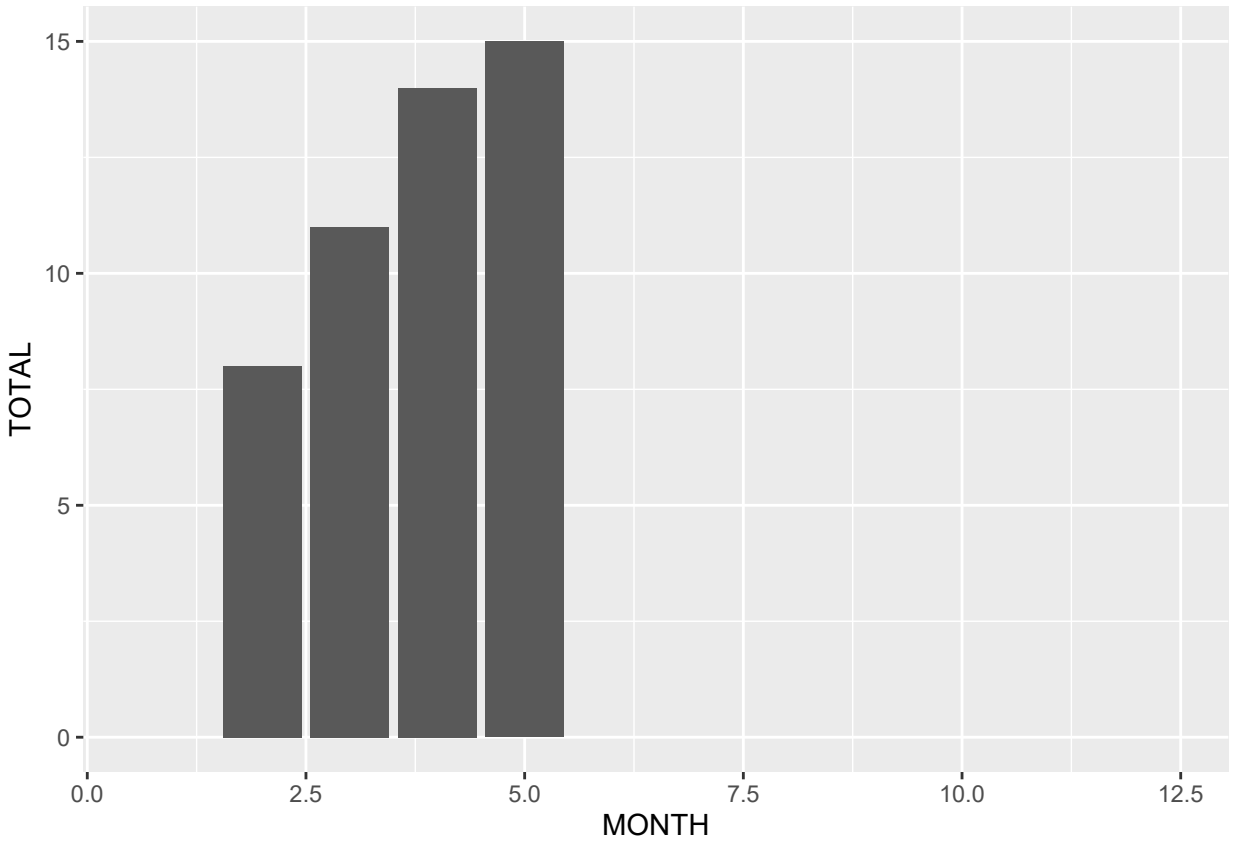

MAXN_GUPPYBOTH
20
10
0
D
E
L
SITE_TYPE

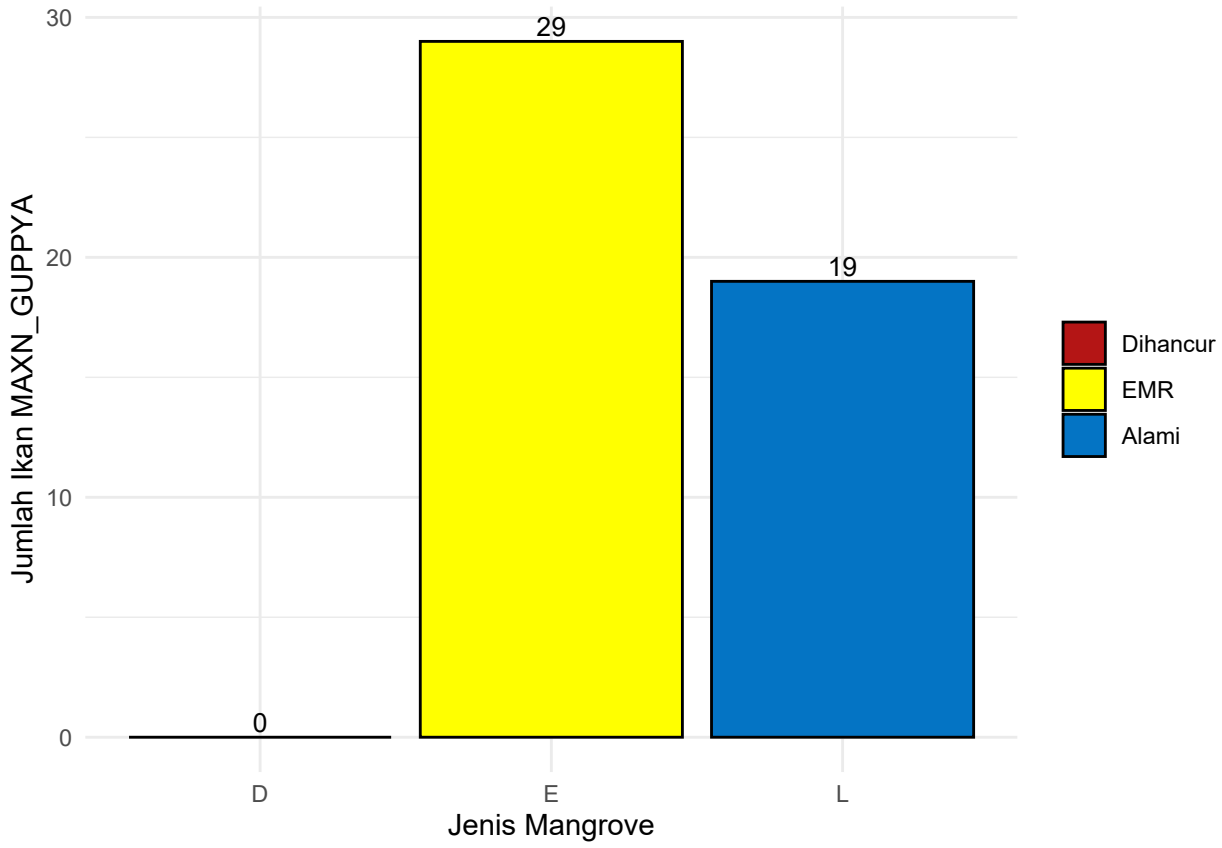

50
40
30
20
10
0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH

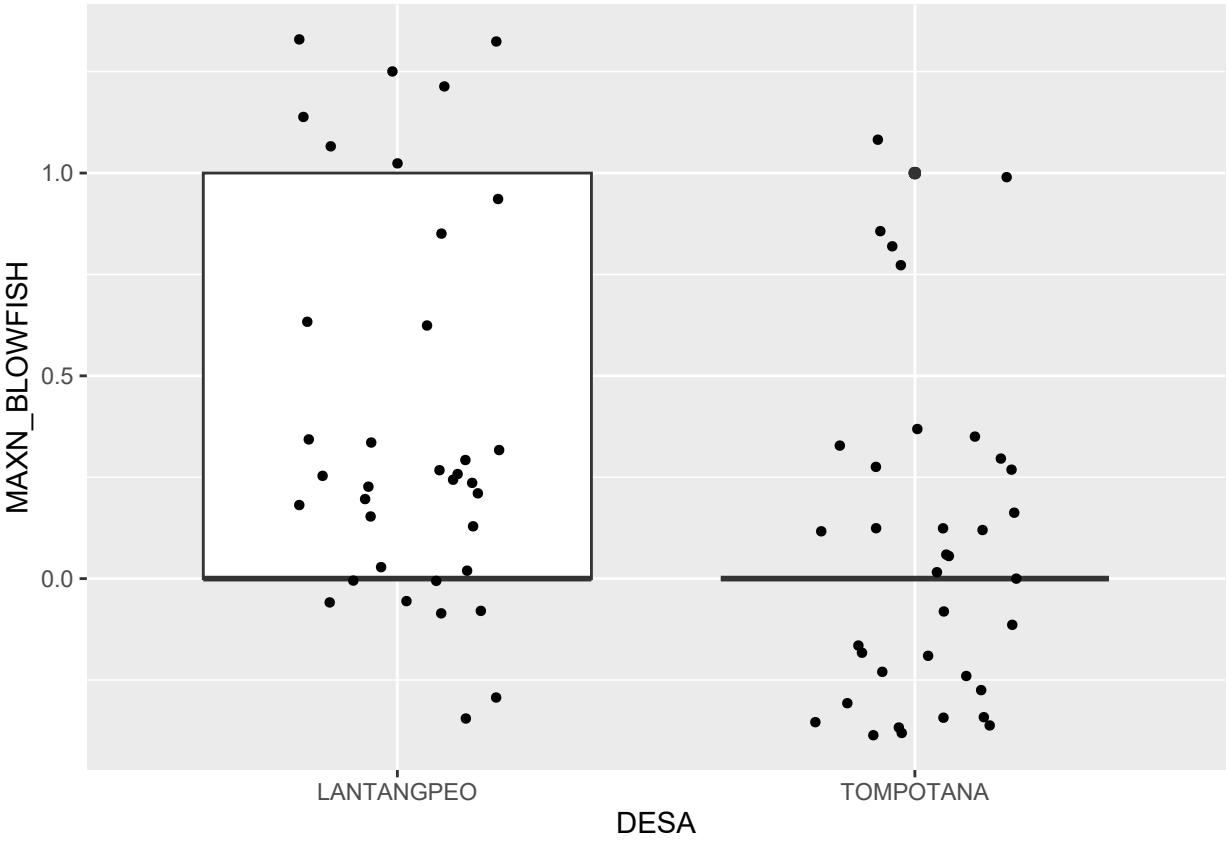

93
75
50
25
21
8
0
Jumlah Ikan MAXN_GUPPYBOTH
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami

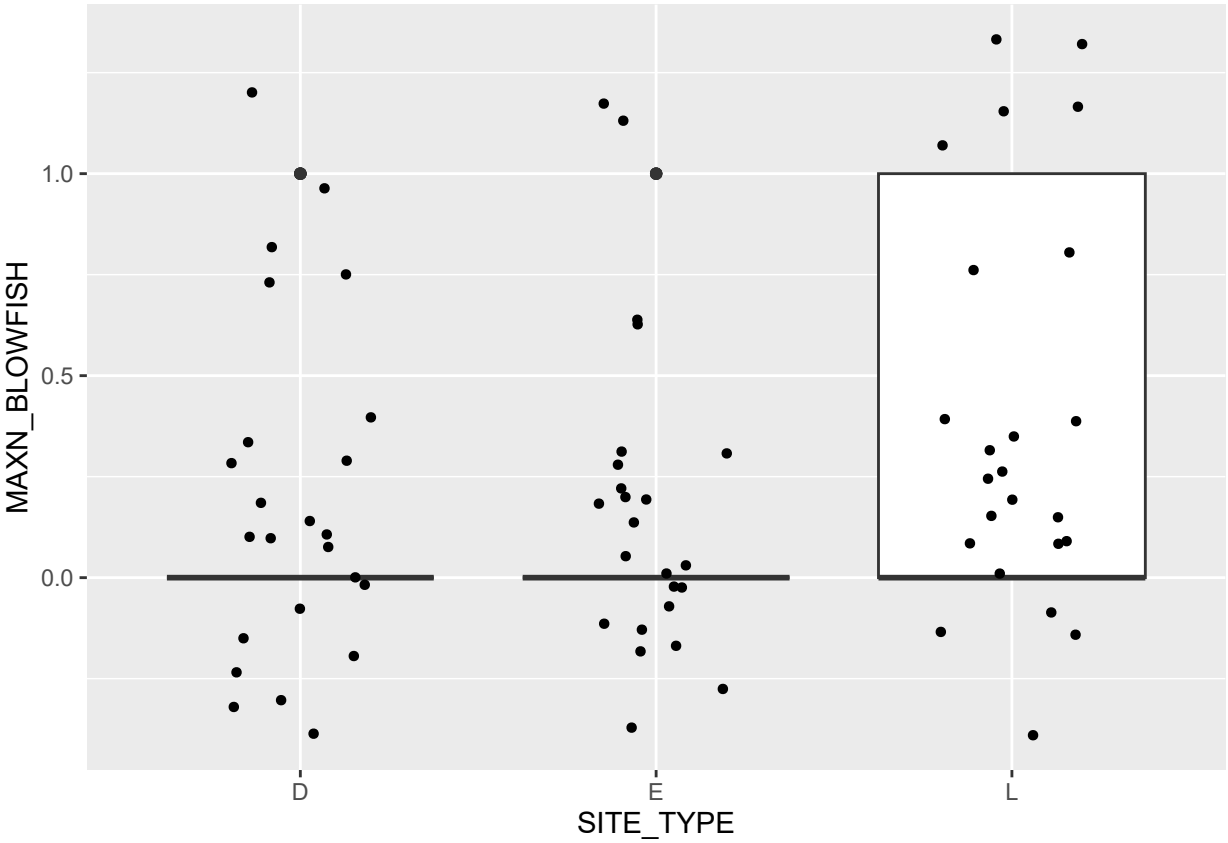

10
5
0
MAXN_GUPPYA
LANTANGPEO
TOMPOTANA
DESA

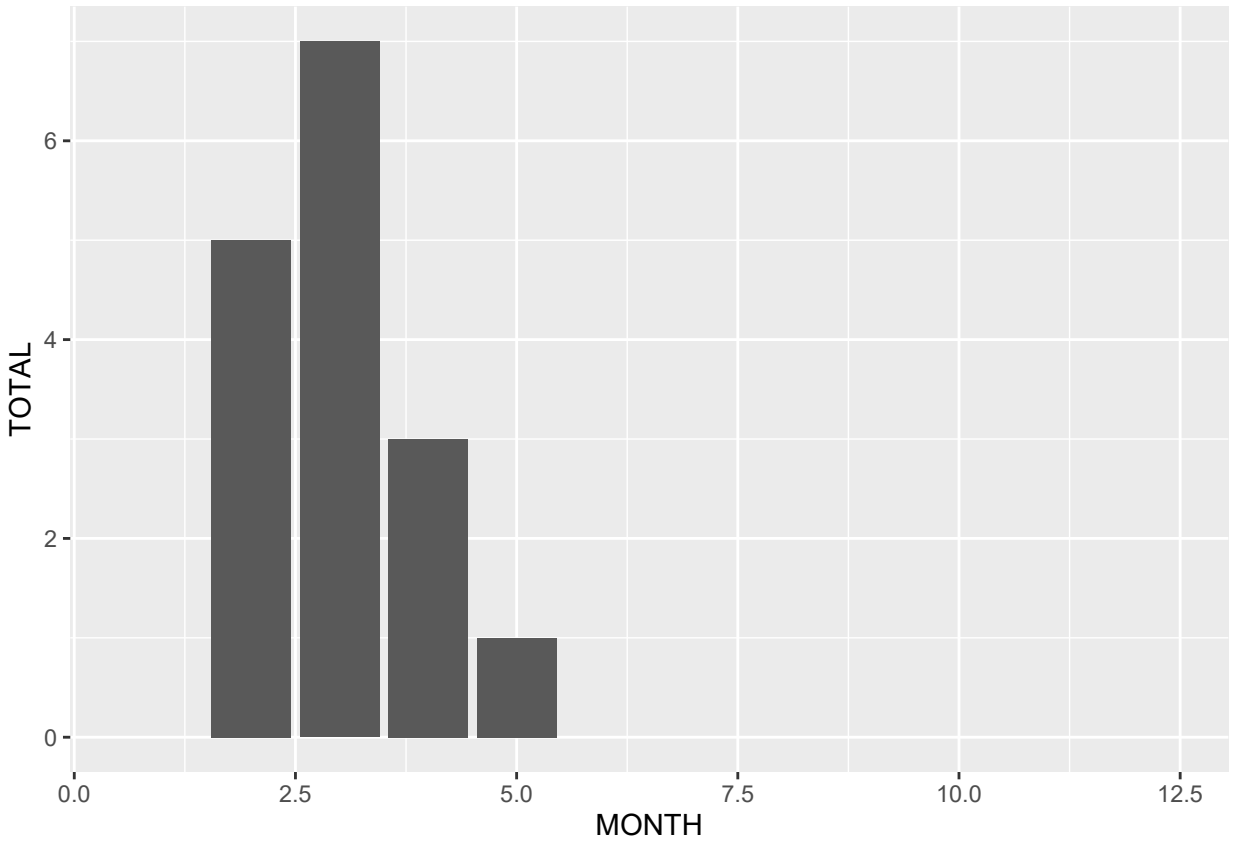

MAXN_GUPPYA
10
5
0
D
E
L
SITE_TYPE

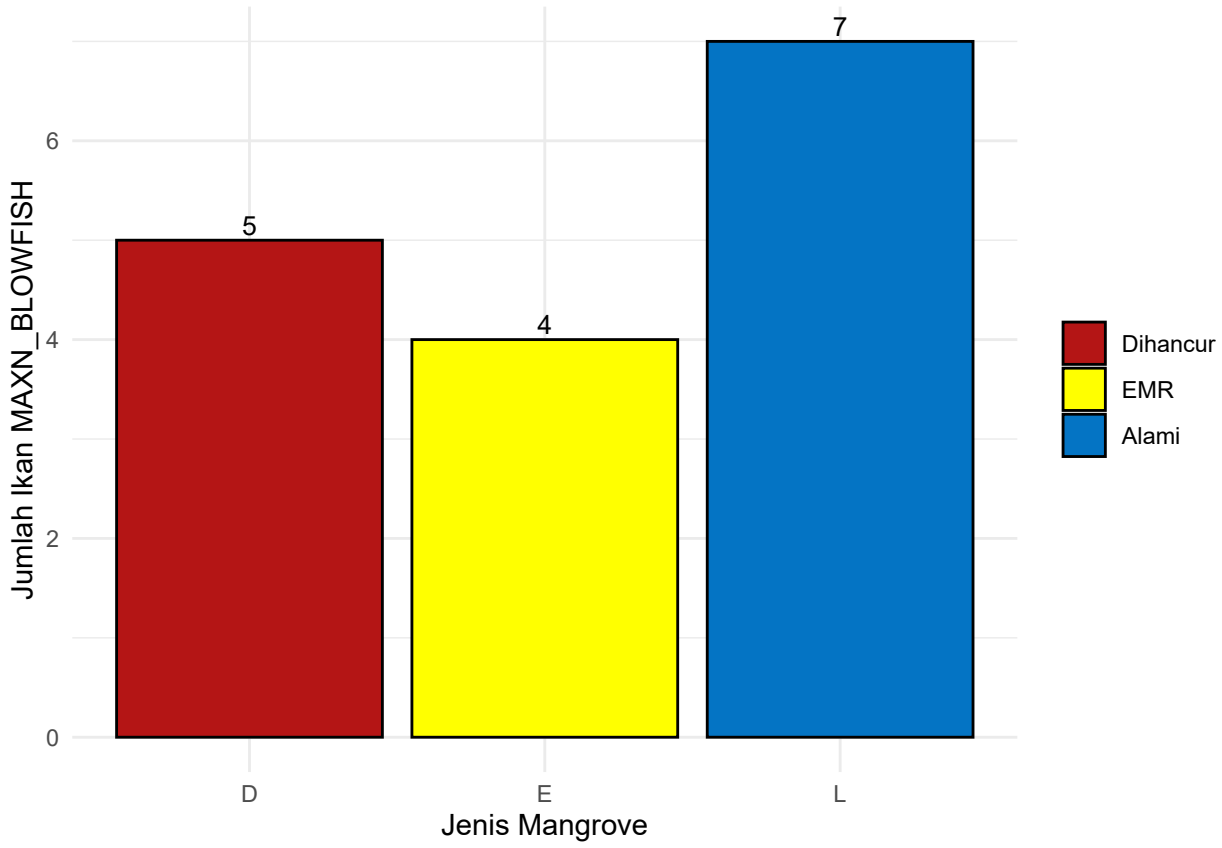

15
10
5
0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH

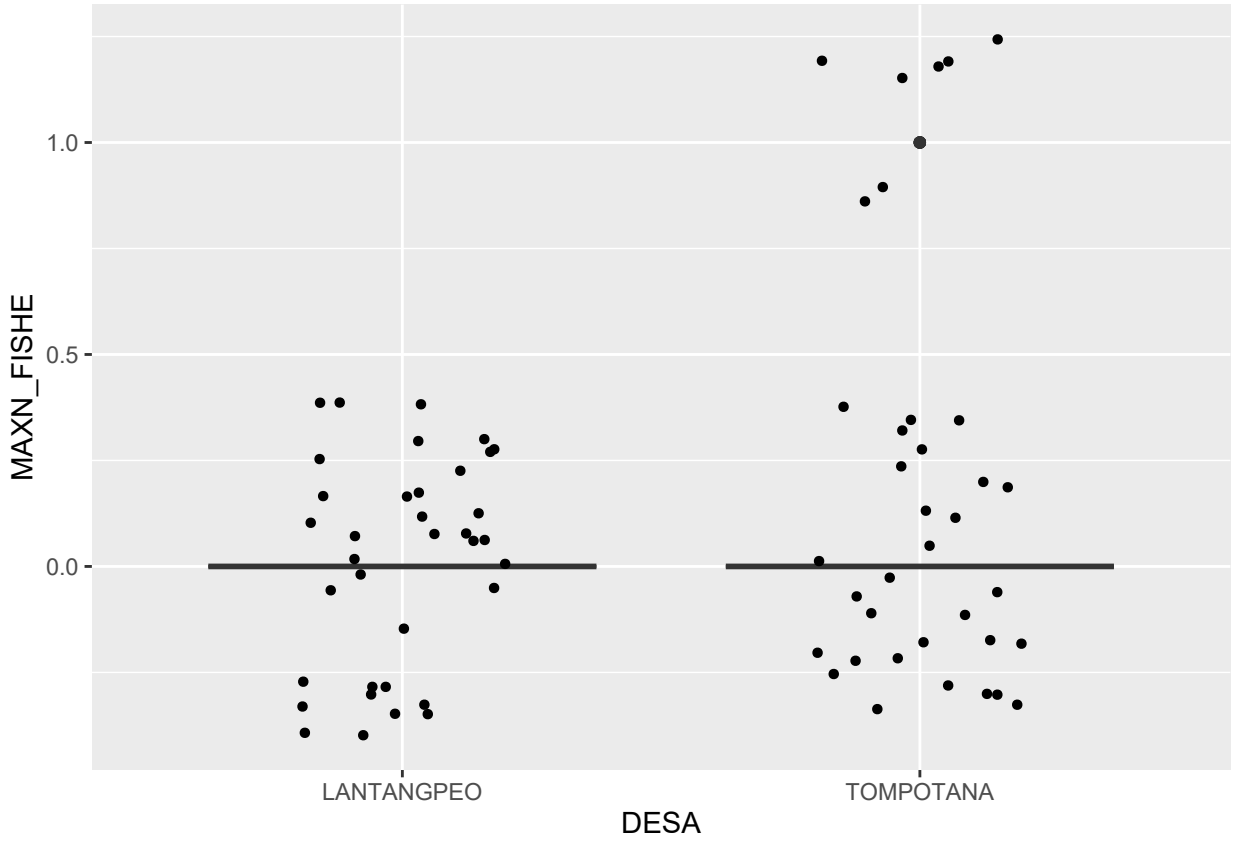

30
20
10
0
Jumlah Ikan MAXN_GUPPYA
29
19
0
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami

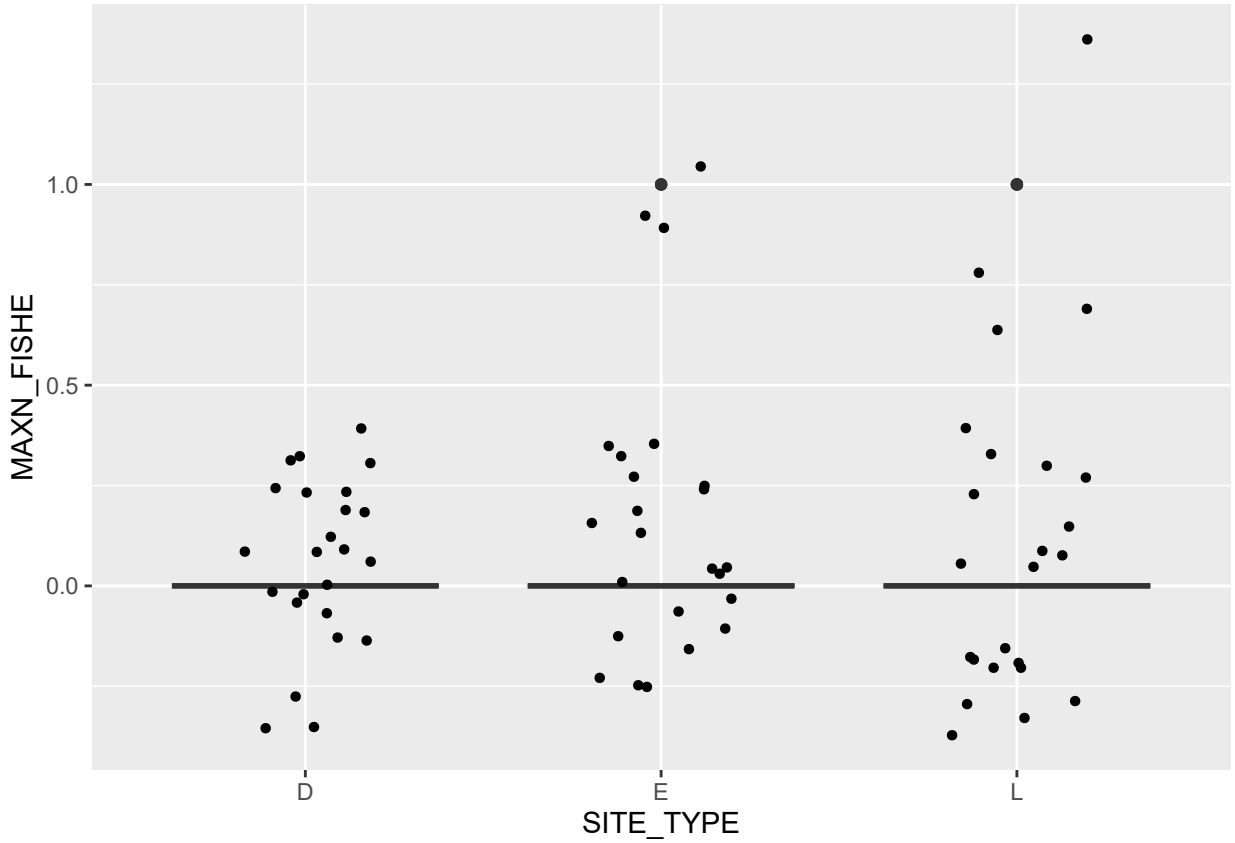

1.0
0.5
0.0
MAXN_BLOWFISH
LANTANGPEO
TOMPOTANA
DESA


MAXN_BLOWFISH
1.0
0.5
0.0
D
E
L
SITE_TYPE


TOTAL
6
4
2
0
0.0
2.5
5.0
7.5
10.0
12.5
MONTH


7
6
5
4
2
0
Jumlah Ikan MAXN_BLOWFISH
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami


1.0
0.5
0.0
MAXN_FISHE
LANTANGPEO
TOMPOTANA
DESA


MAXN_FISHE
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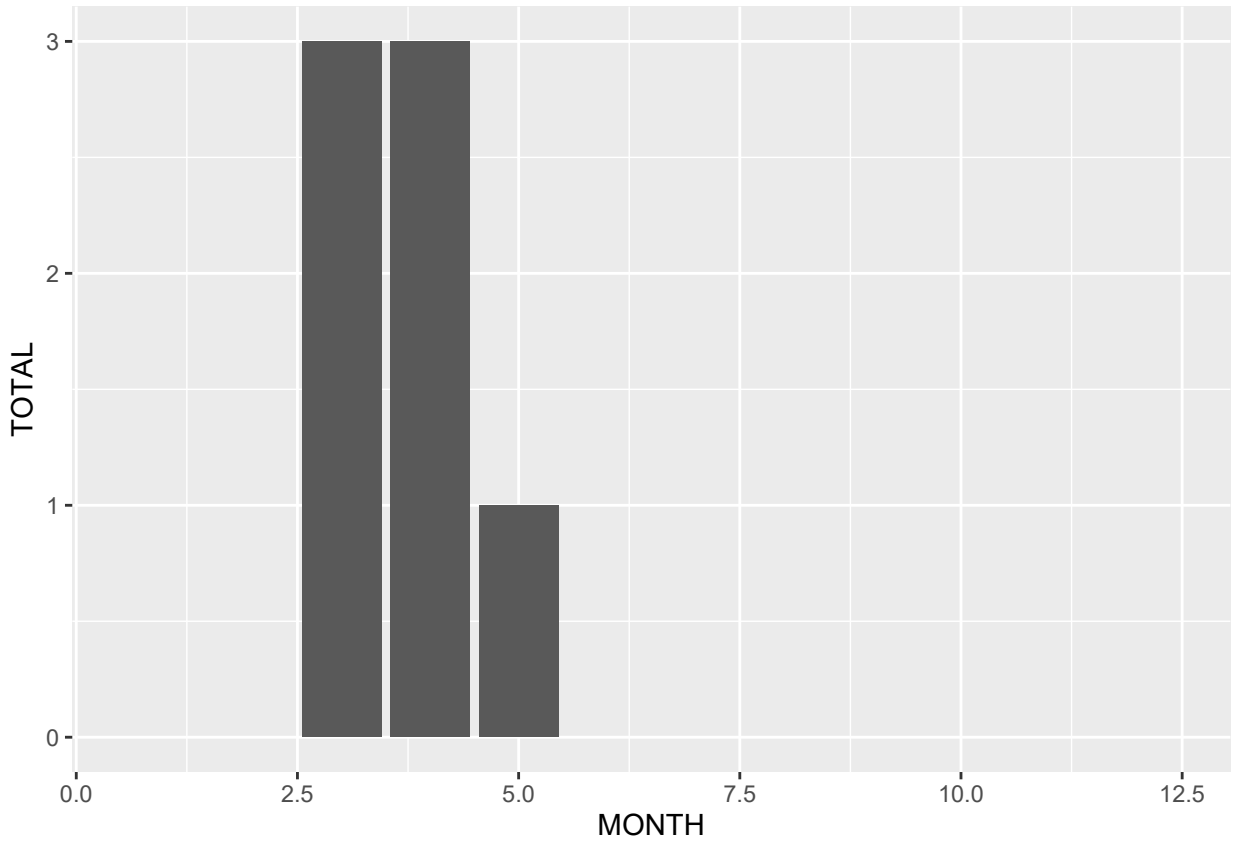
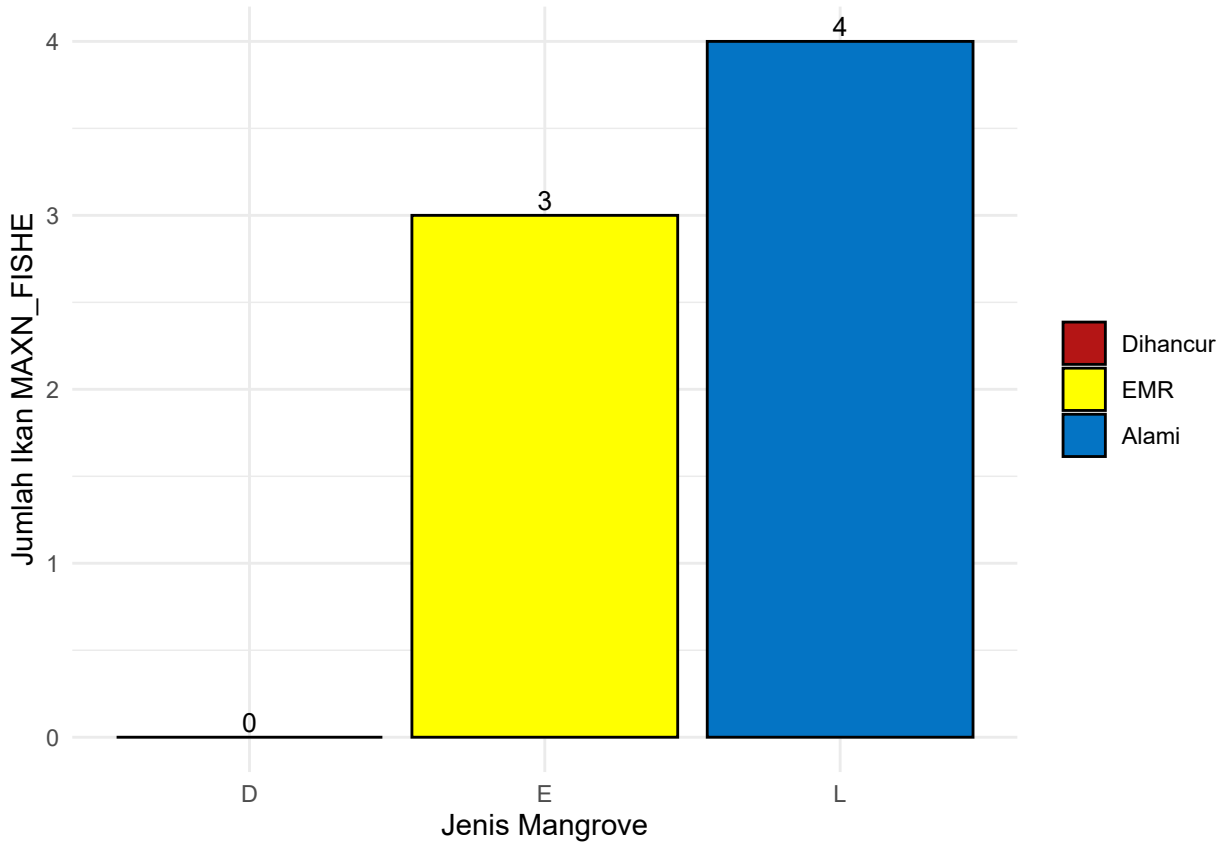
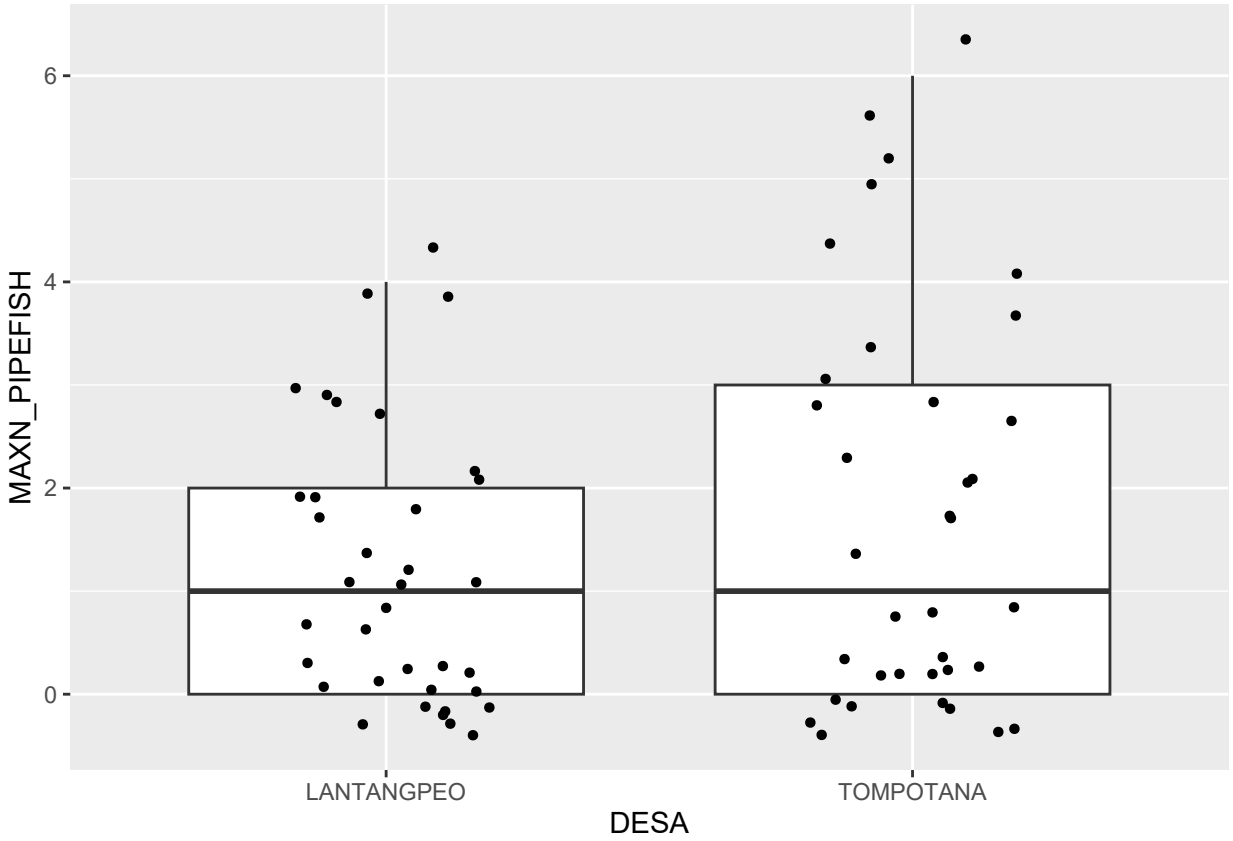
0.5
0.0
D
E
L
SITE_TYPE


3
2
1
0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH


4
3
0
Jumlah Ikan MAXN_FISHE
0
1
2
3
4
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami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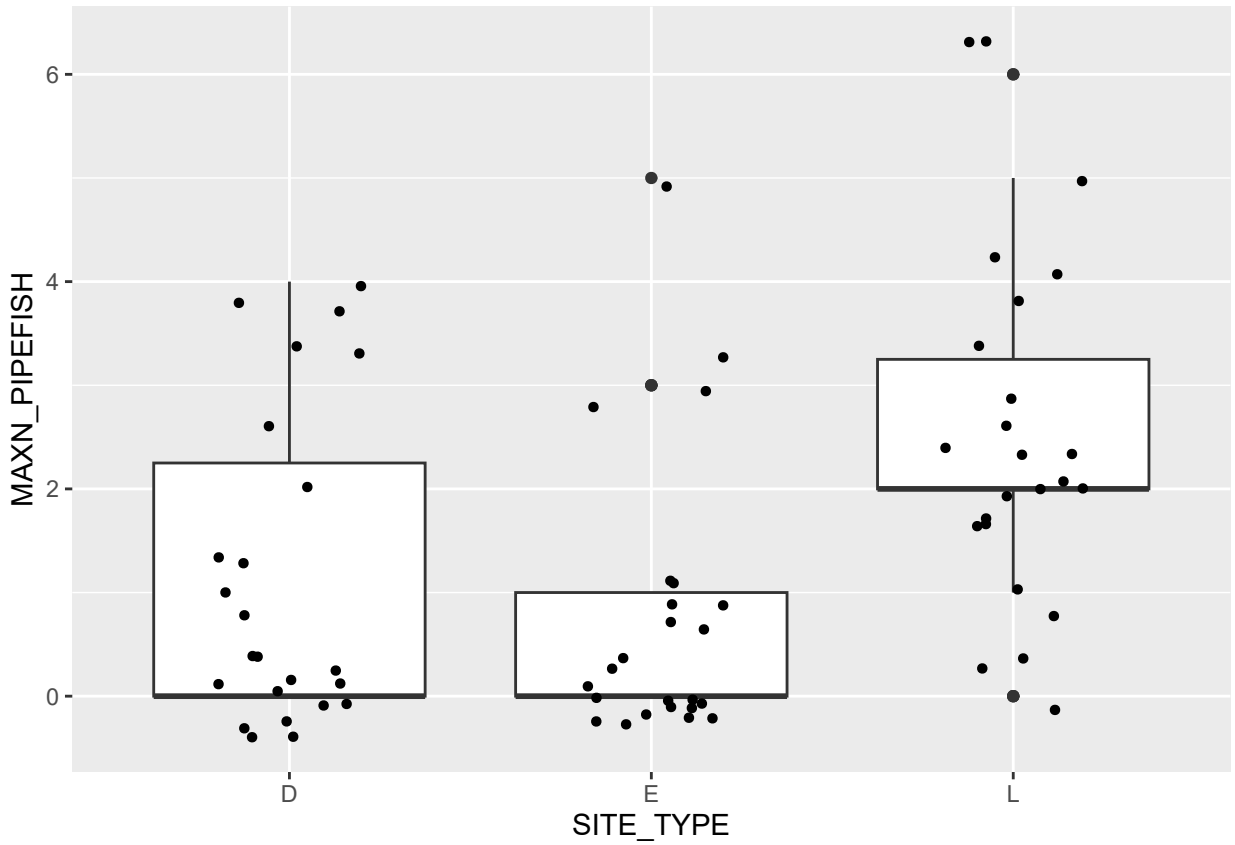
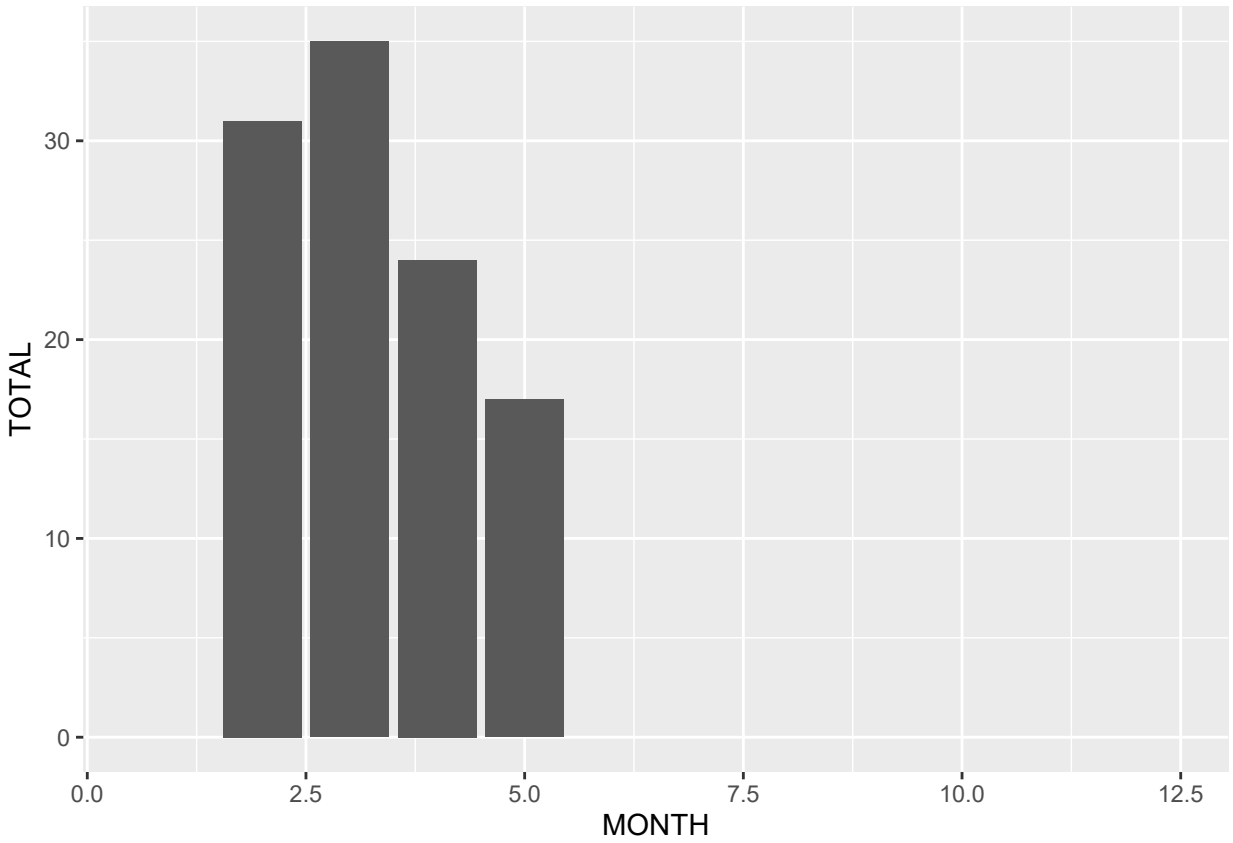
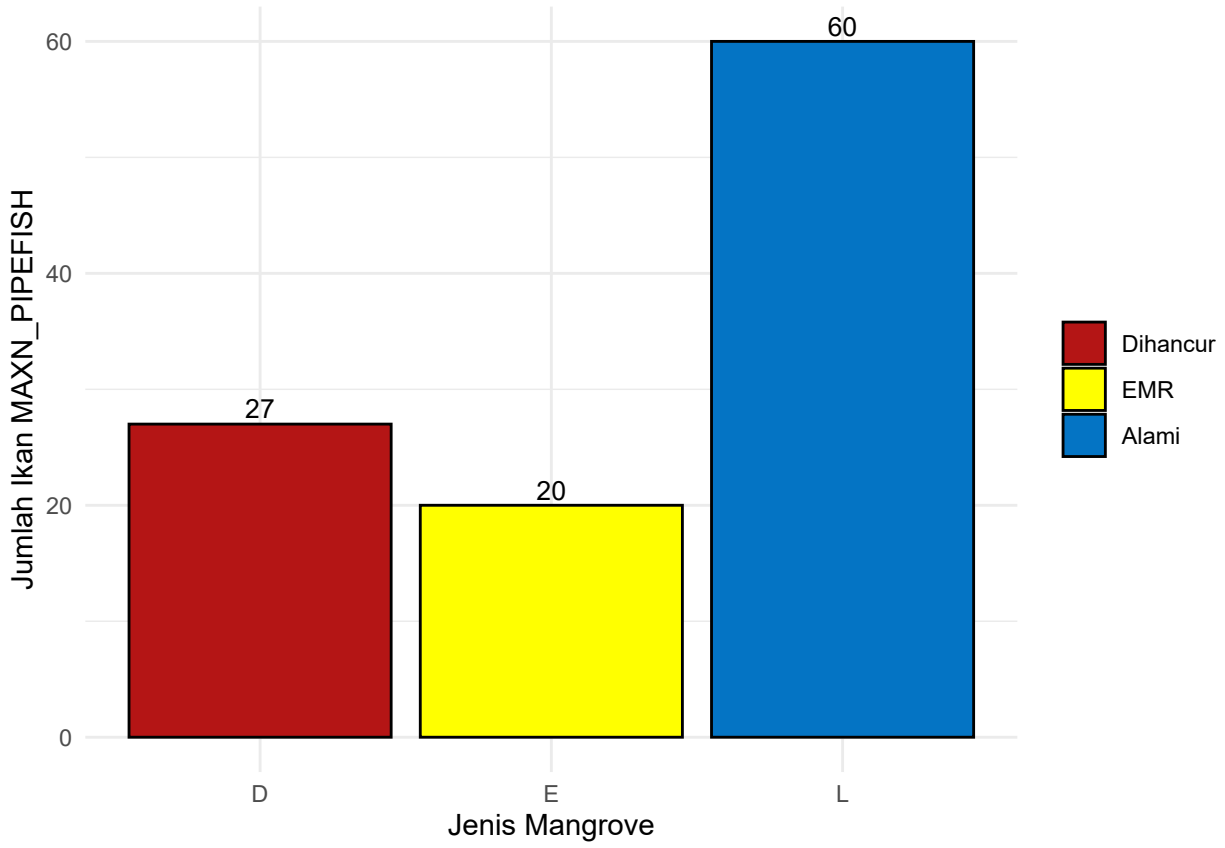
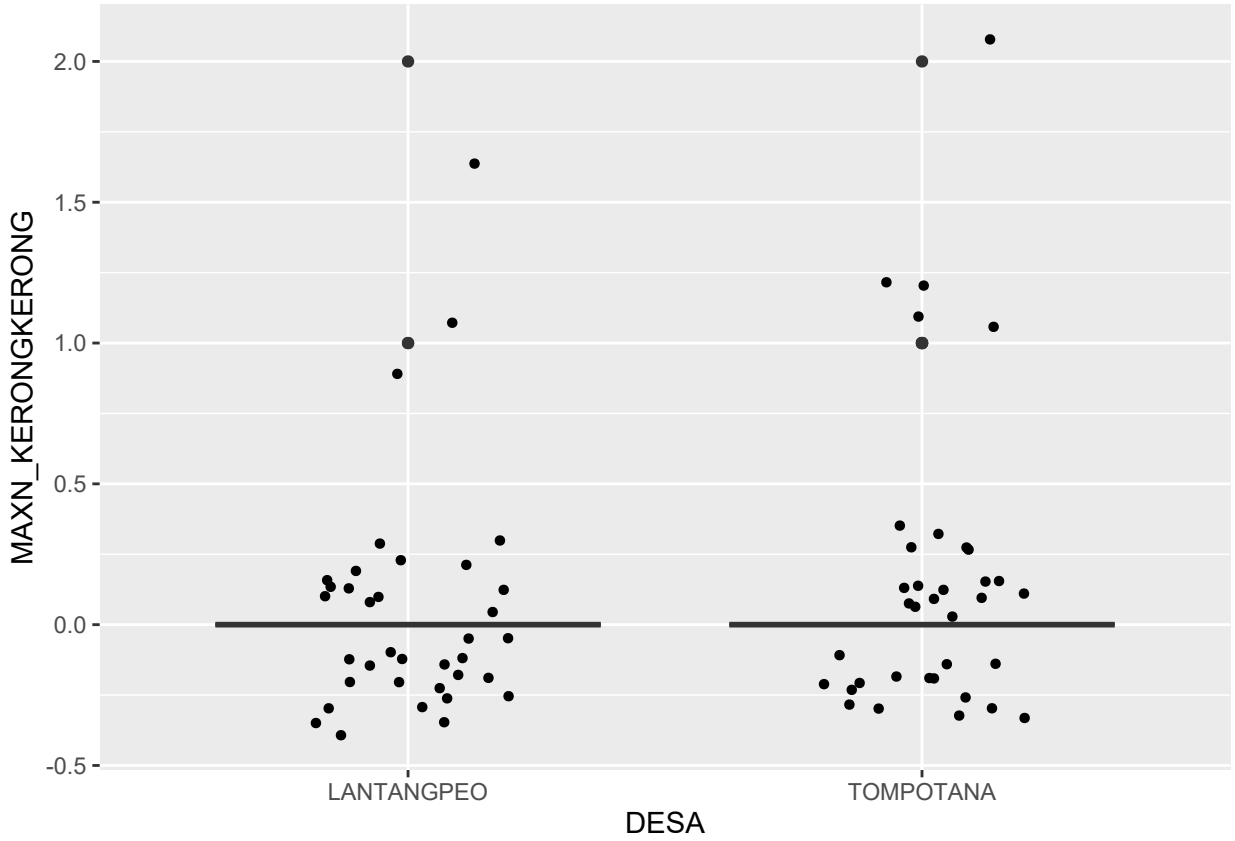
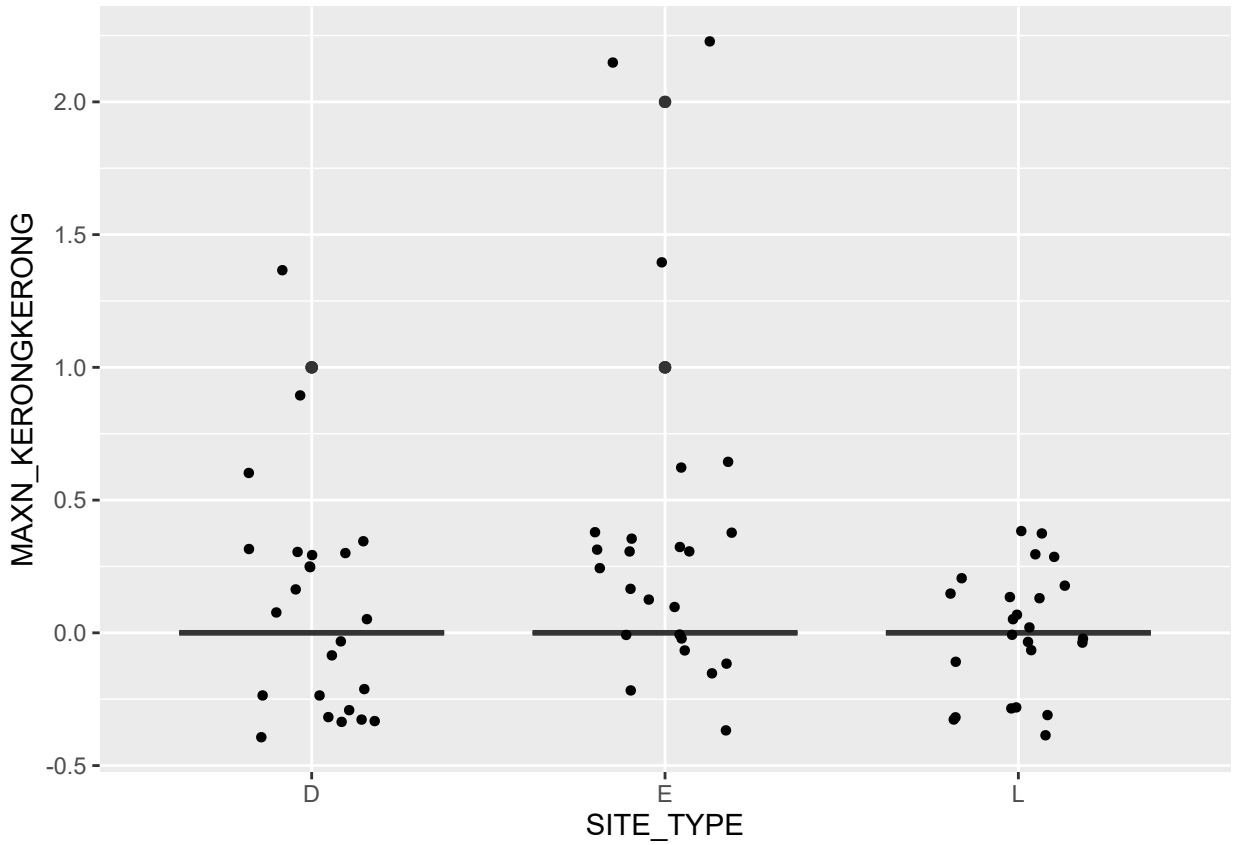
4
2
0
MAXN_PIPEFISH
LANTANGPEO
TOMPOTANA
DESA

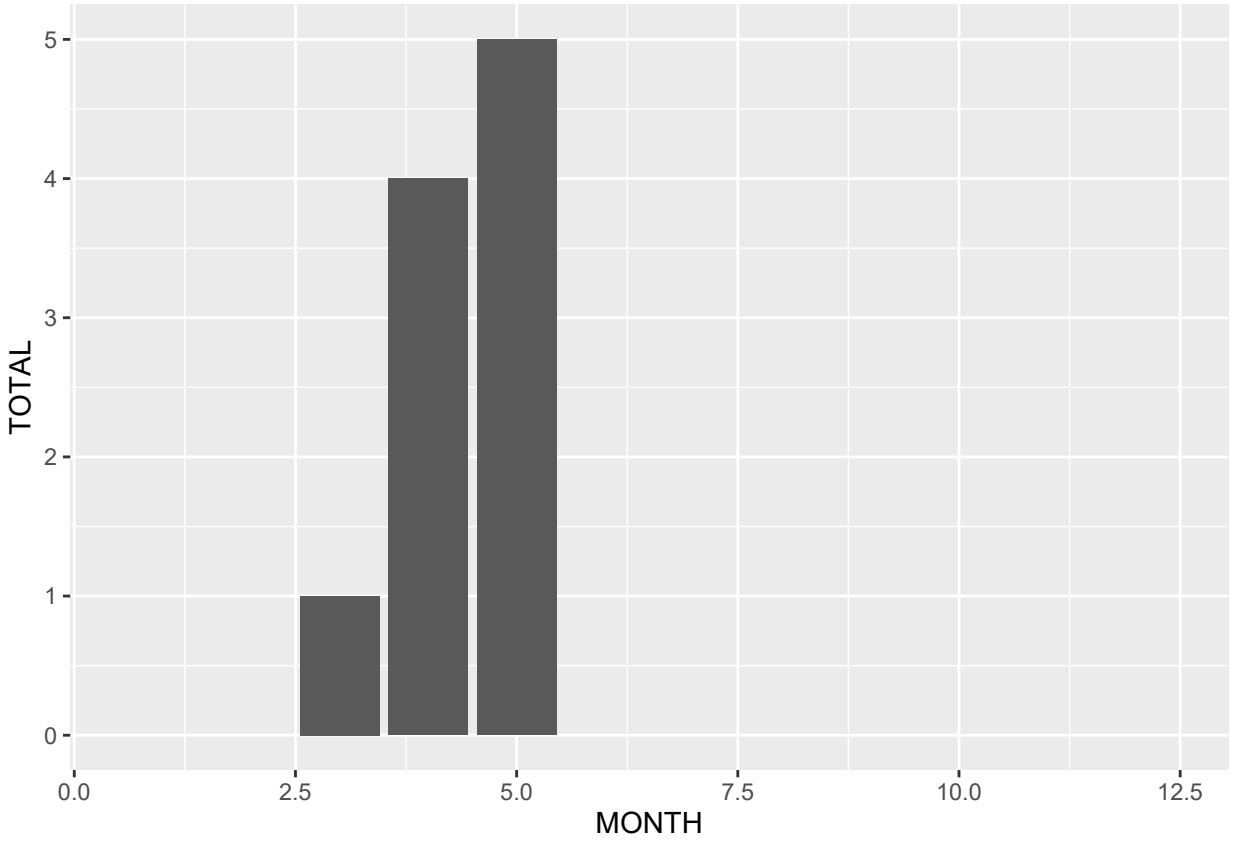

6
4
2
0
MAXN_PIPEFISH
D
E
L
SITE_TYPE

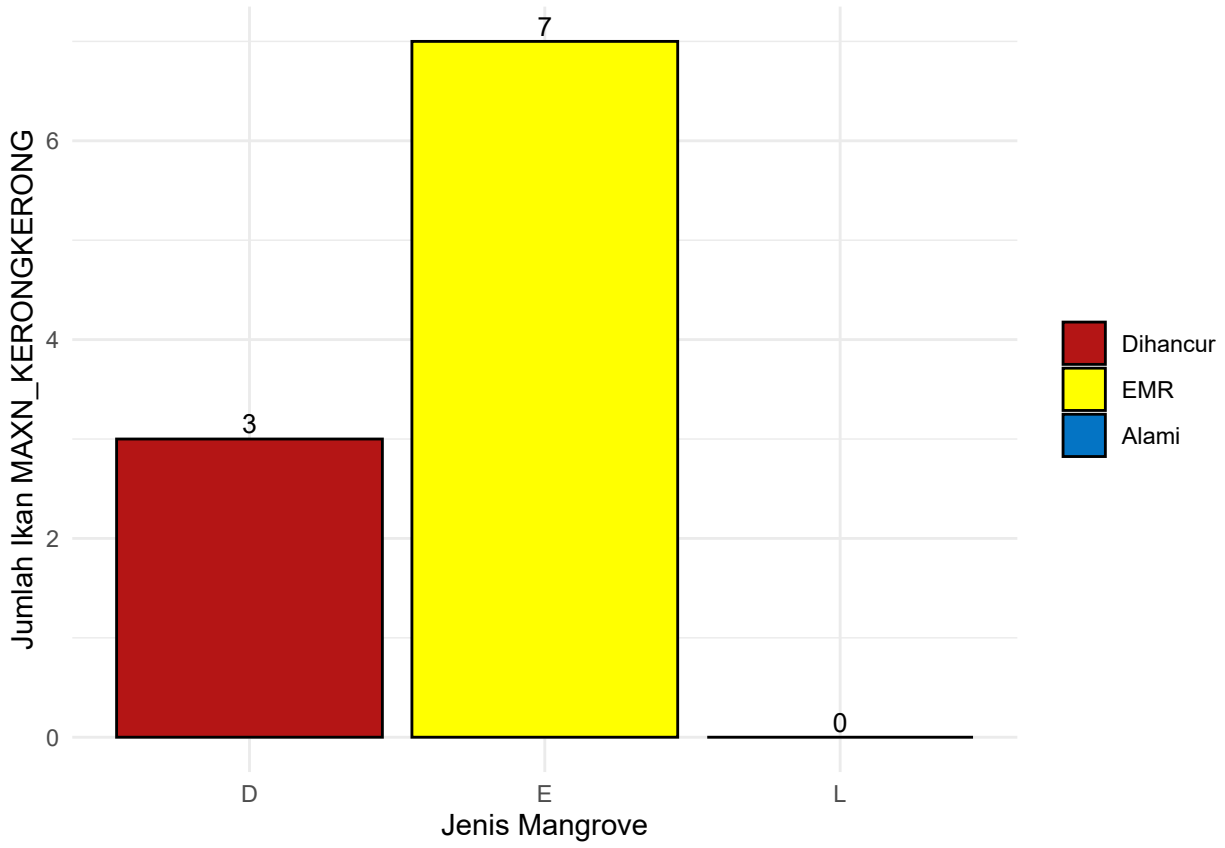

30
20
10
0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH

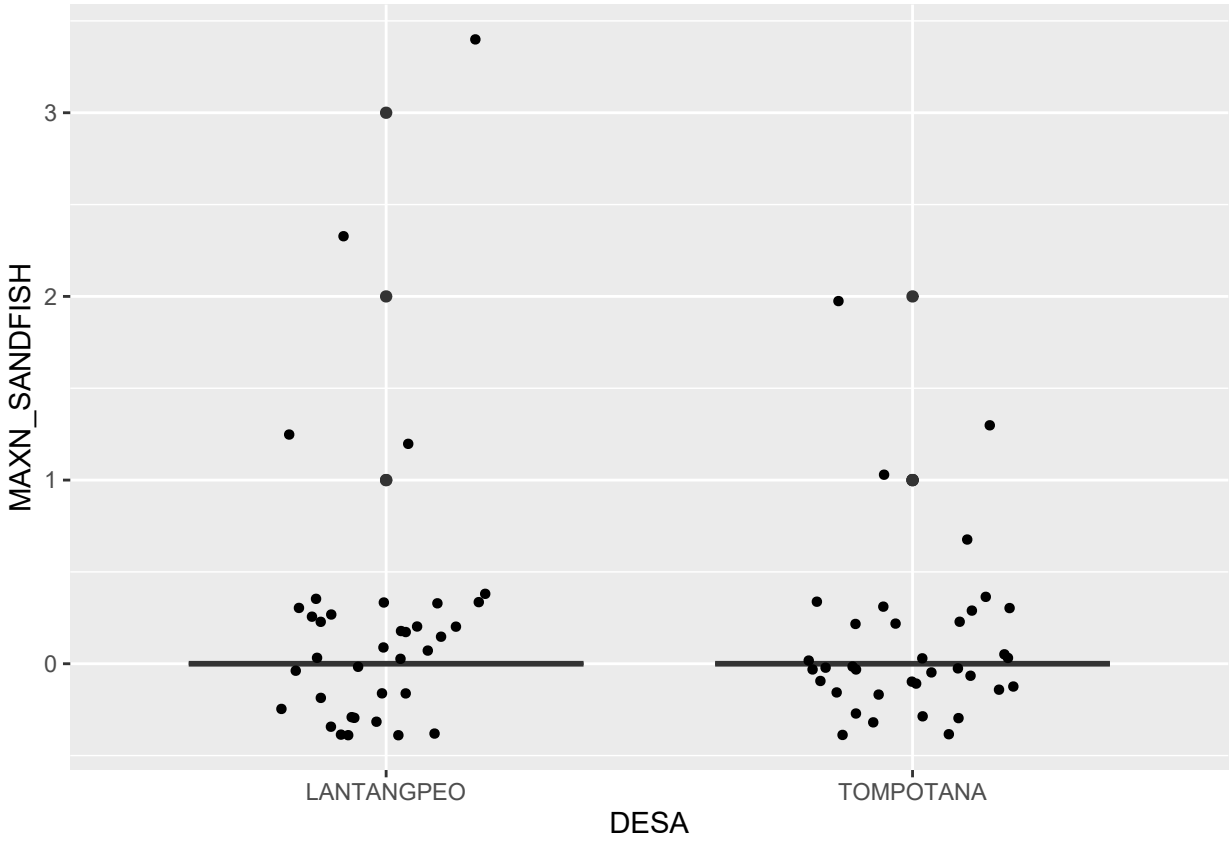

60
40
20
0
Jumlah Ikan MAXN_PIPEFISH
27
20
60
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami

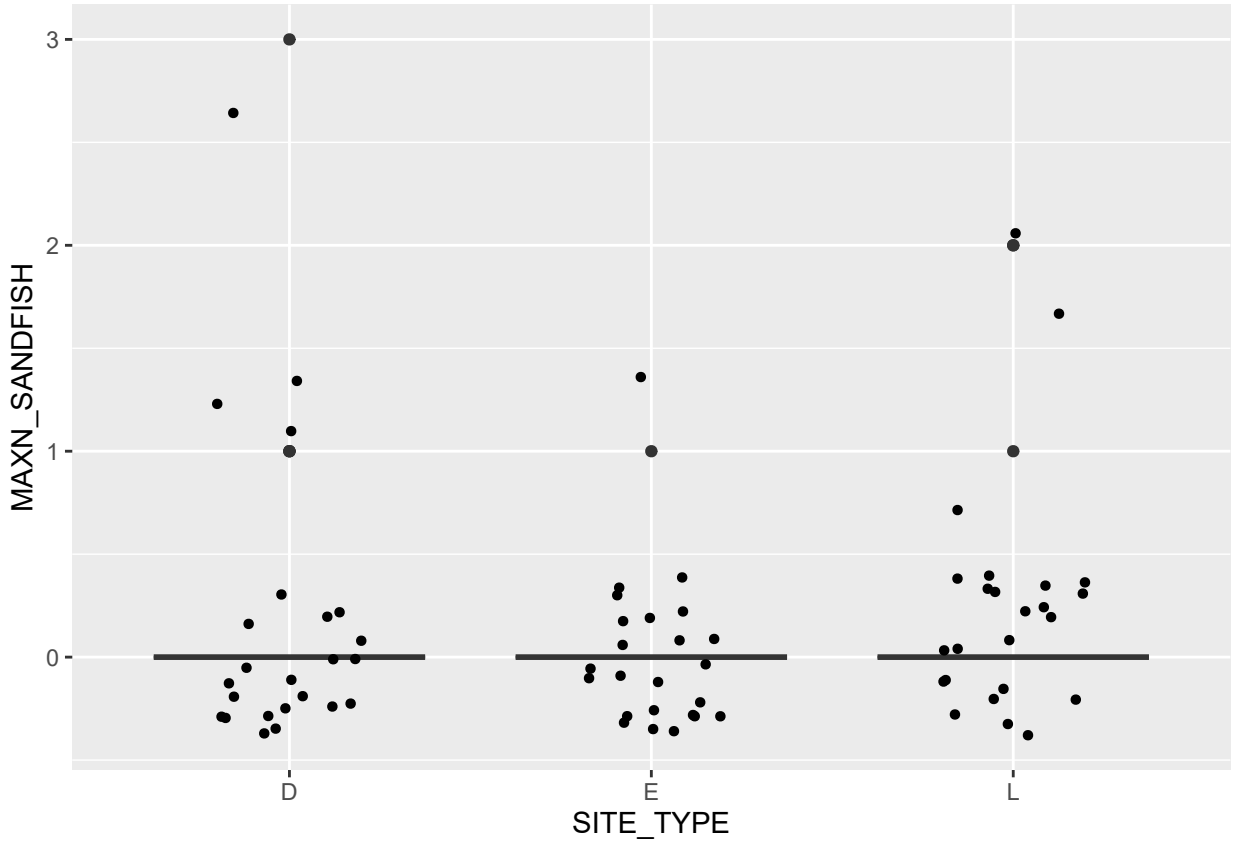

2.0
1.5
1.0
0.5
0.0
-0.5
MAXN_KERONGKERONG
LANTANGPEO
TOMPOTANA
DESA

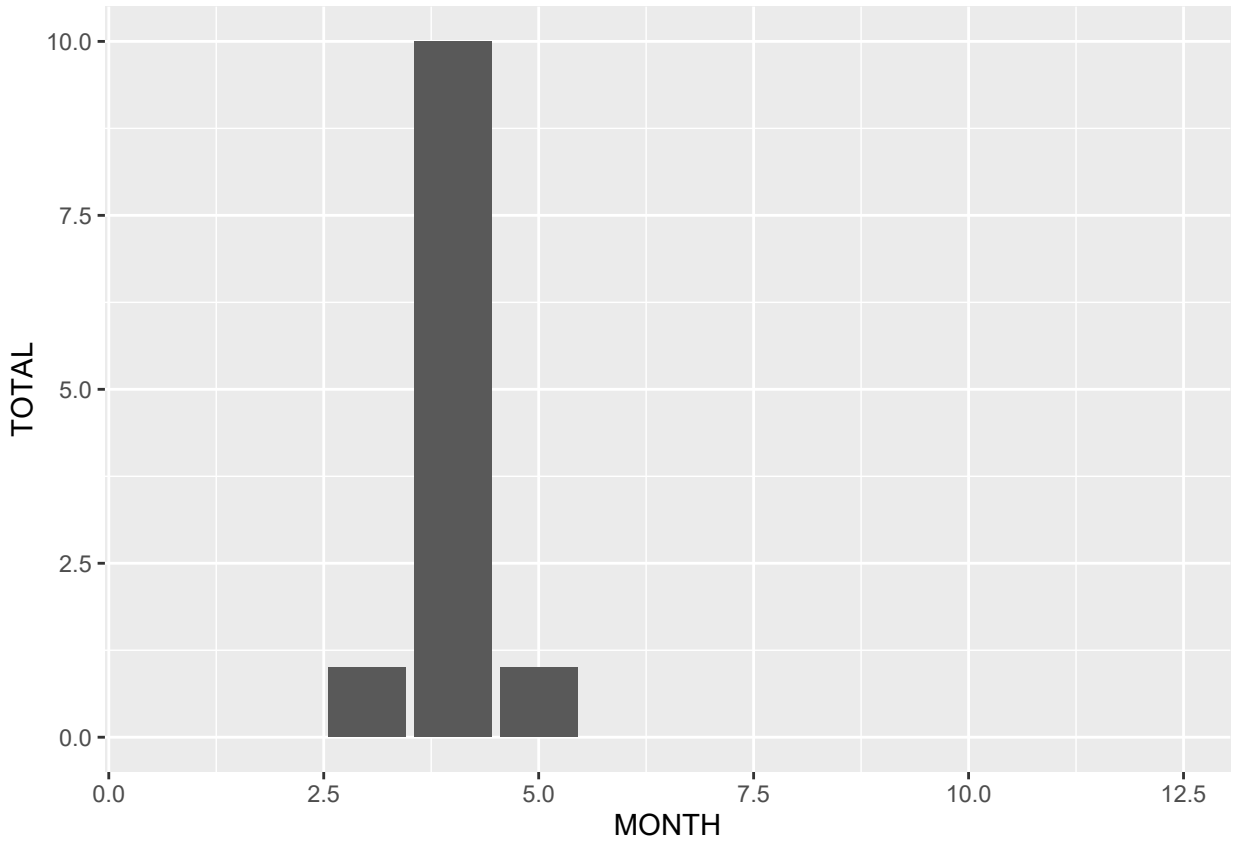

MAXN_KERONGKERONG
2.0
1.5
1.0
0.5
0.0
-0.5
D
E
L
SITE_TYPE

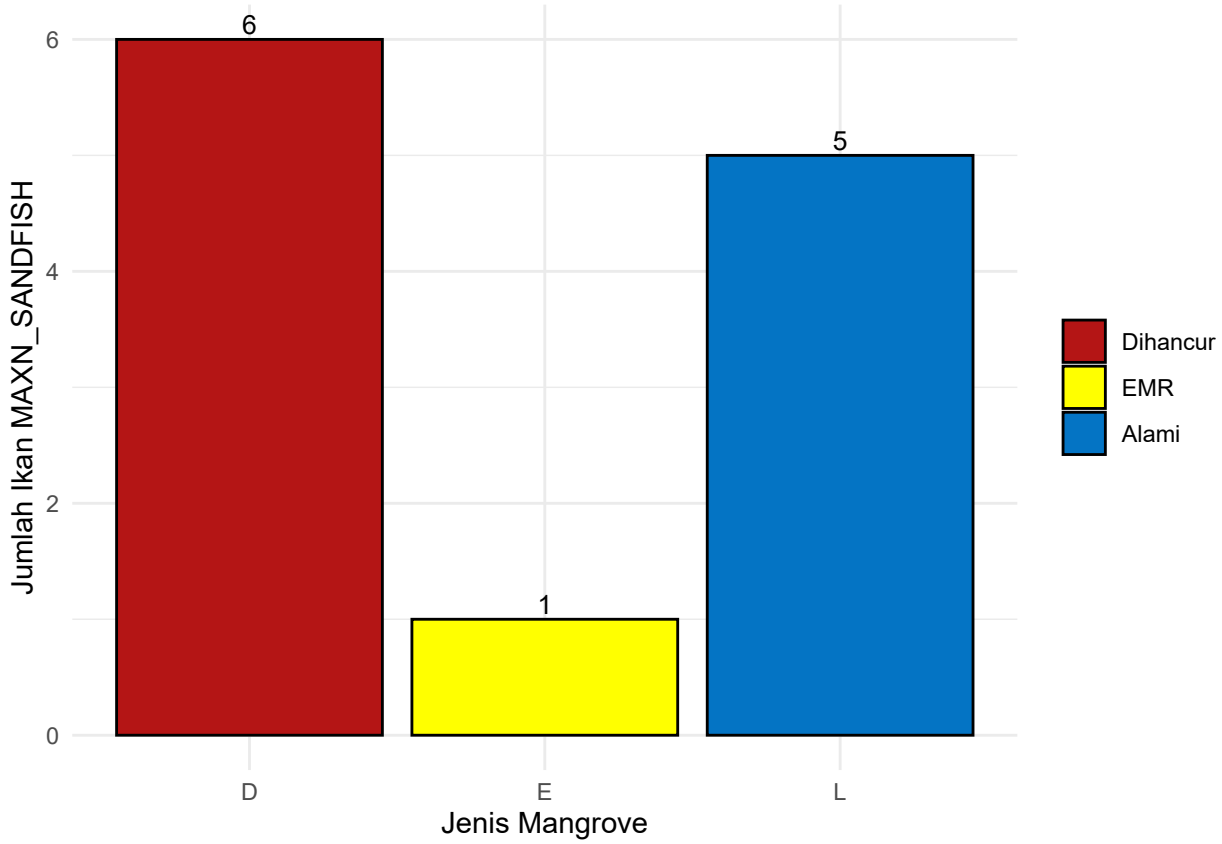

TOTAL
MONTH
0
1
2
3
4
5
0.0
2.5
5.0
7.5
10.0
12.5

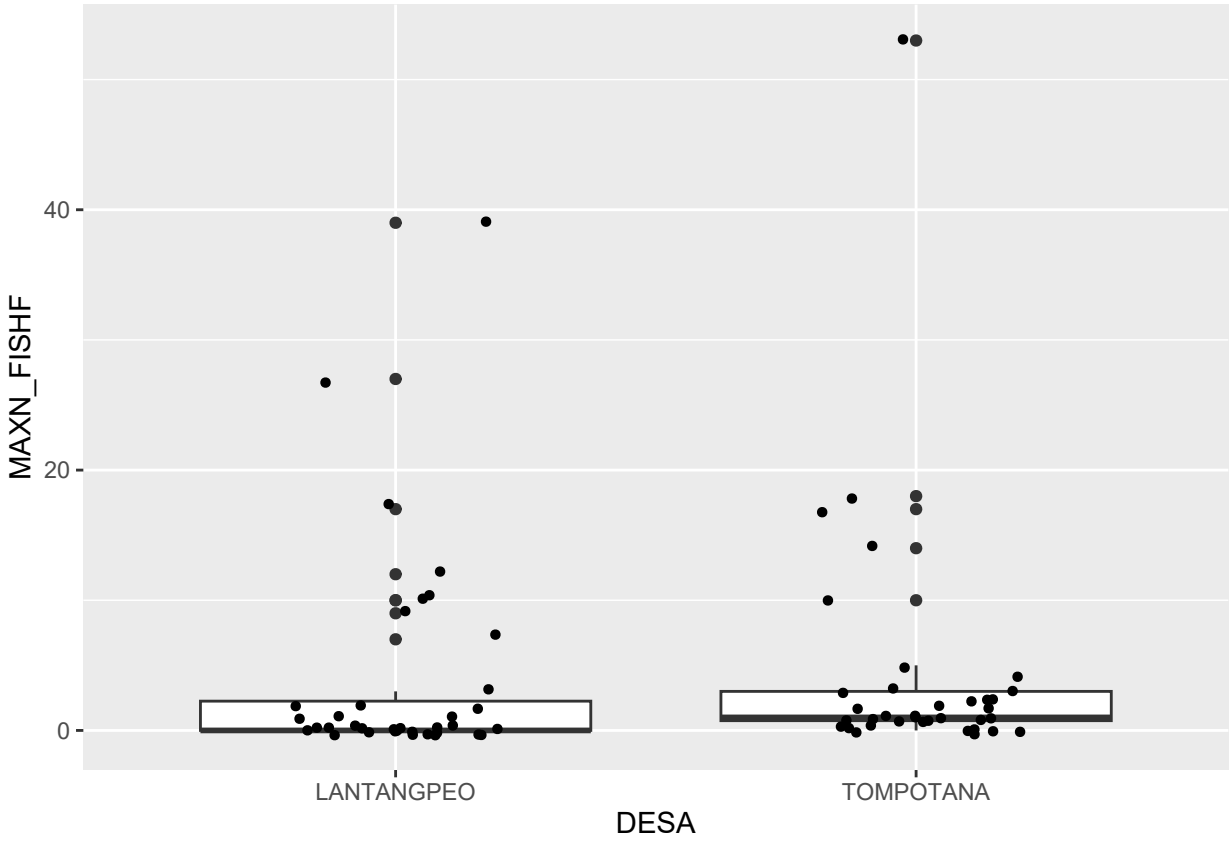

7
6
4
3
2
0
0
D
E
L
Jumlah Ikan MAXN_KERONGKERONG
Jenis Mangrove
Dihancur
EMR
Alami

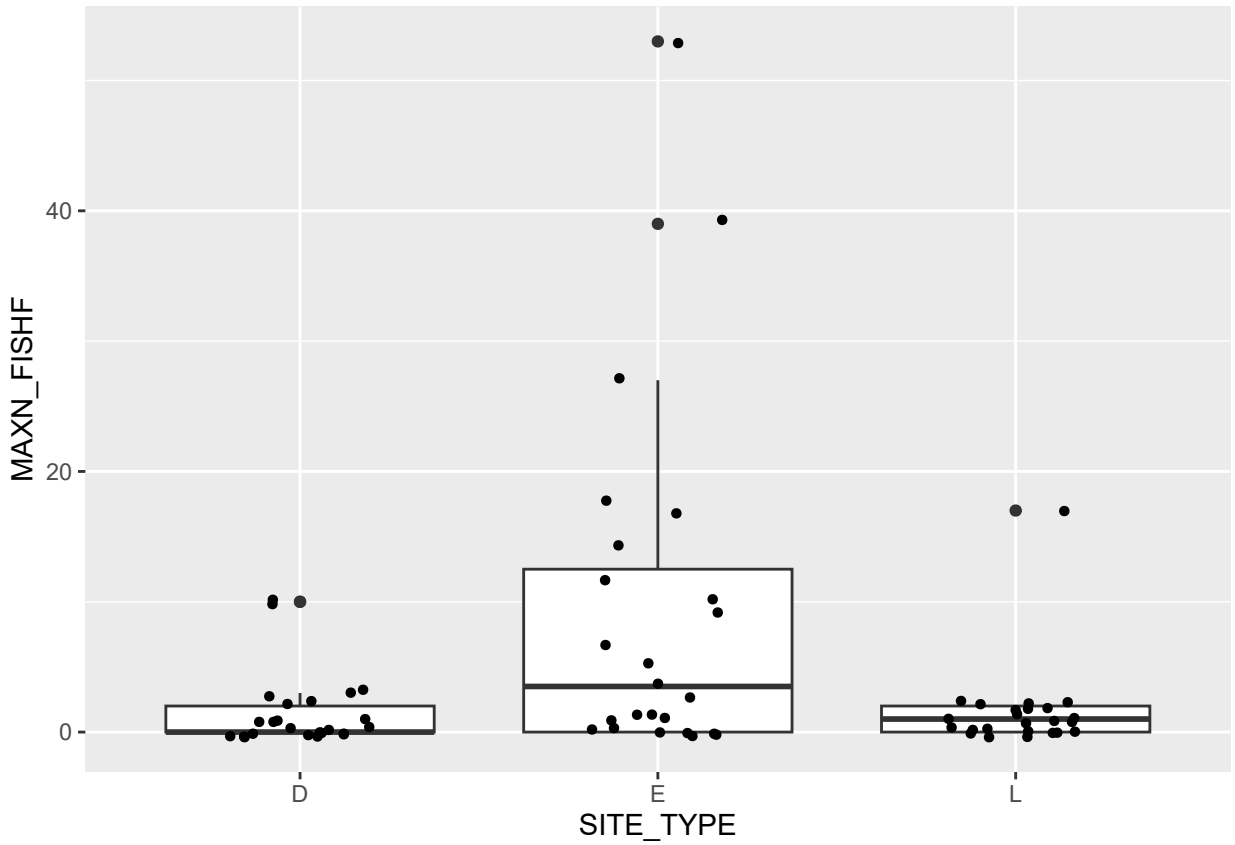

MAXN_SANDFISH
3
2
1
0
LANTANGPEO
TOMPOTANA
DESA

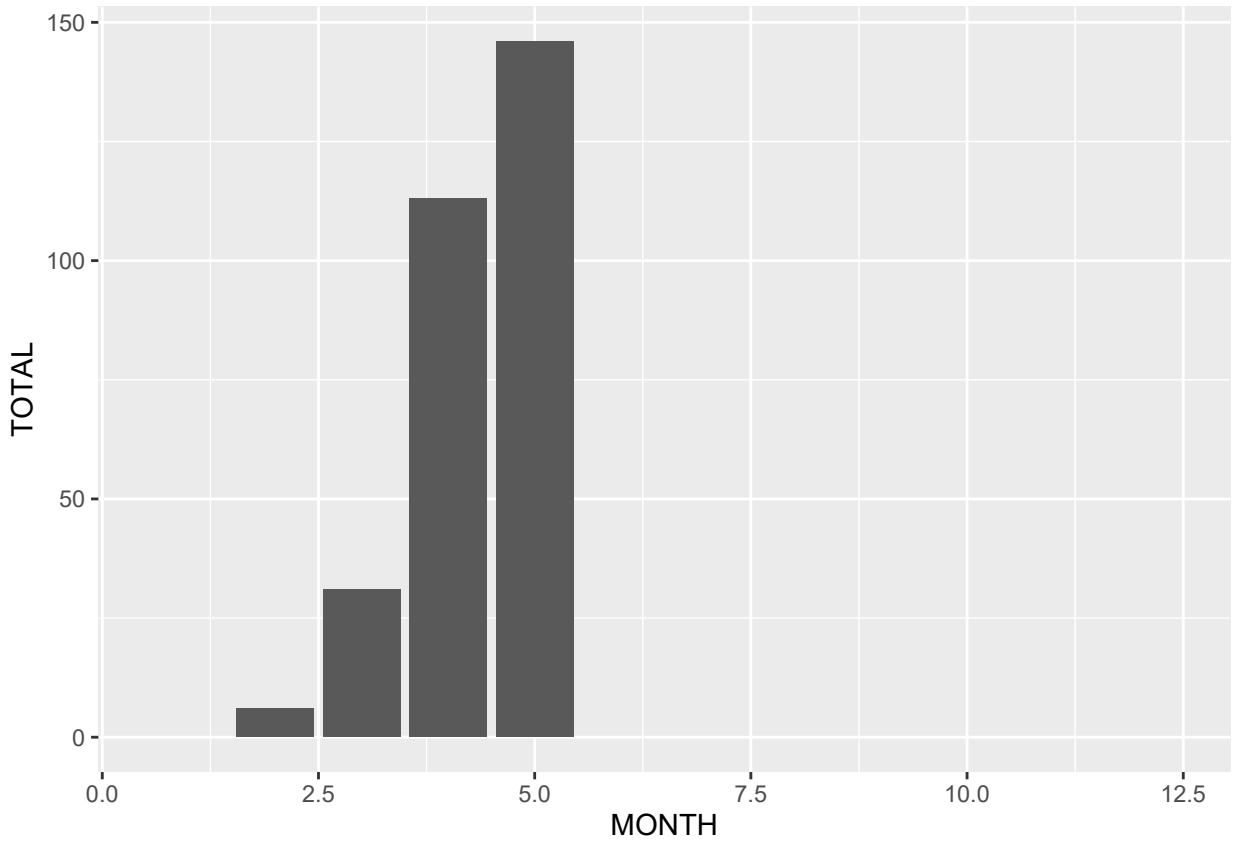

3
2
1
0
MAXN_SANDFISH
D
E
L
SITE_TYPE

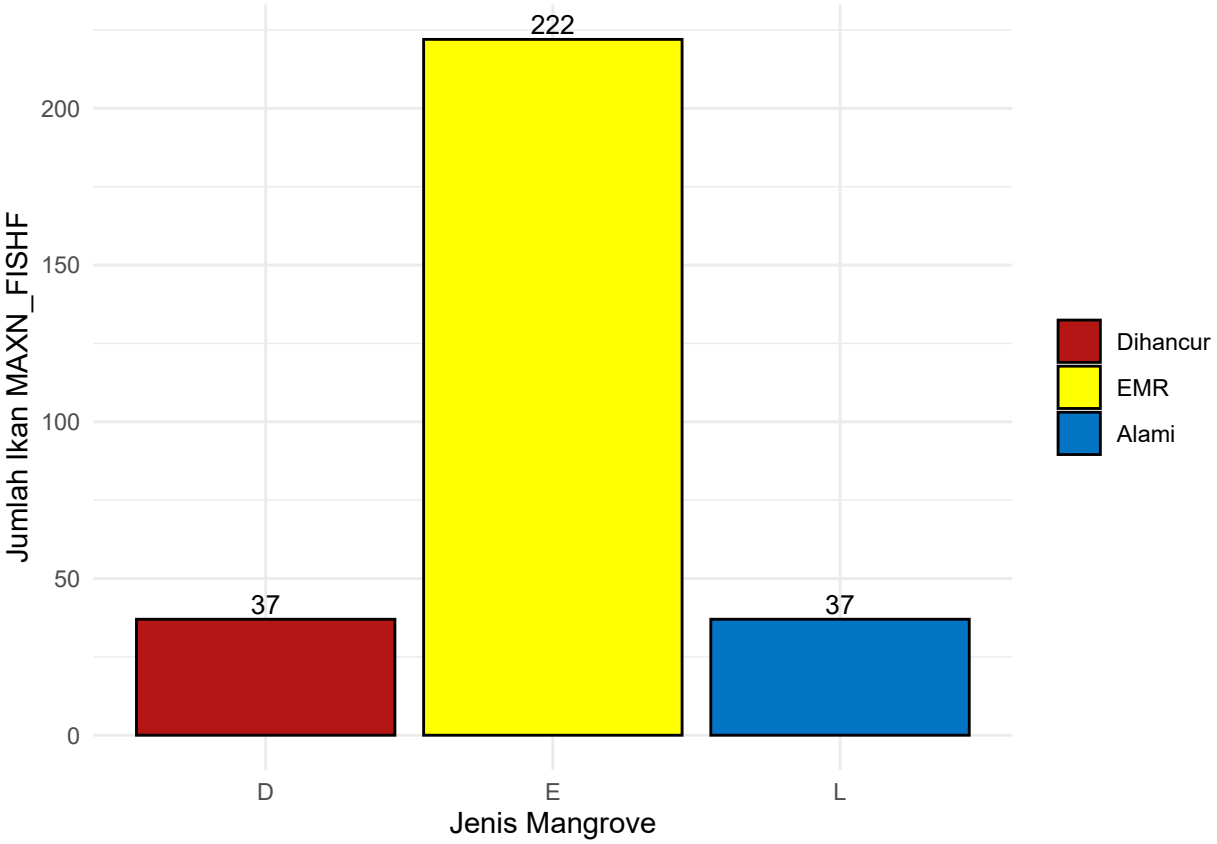

10.0
7.5
5.0
2.5
0.0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH

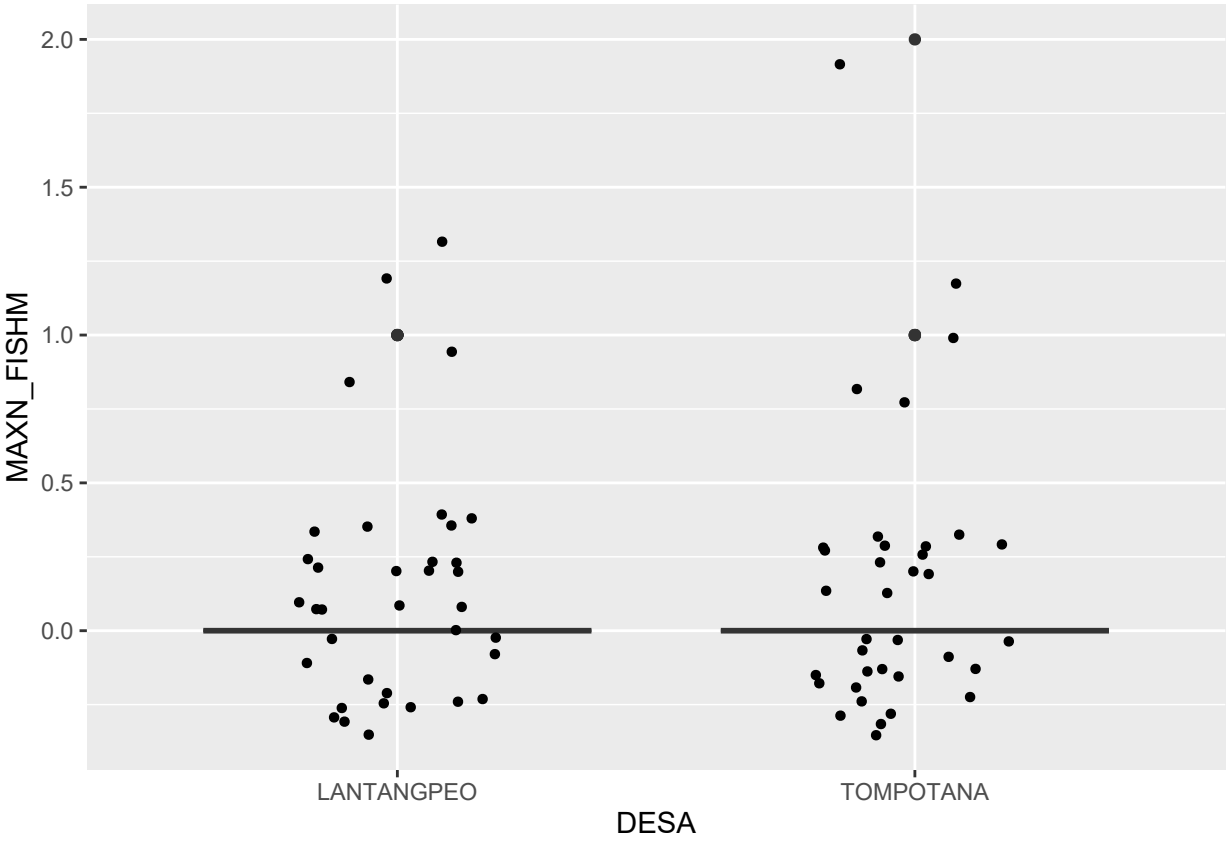

6
5
1
6
4
2
0
Jumlah Ikan MAXN_SANDFISH
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami


40
20
0
MAXN_FISHF
LANTANGPEO
TOMPOTANA
DESA


MAXN_FISHF
40
20
0
D
E
L
SITE_TYPE


150
100
50
0
TOTAL
0.0
2.5
5.0
7.5
10.0
12.5
MONTH


222
200
150
100
50
0
37
37
Jumlah Ikan MAXN_FISHF
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami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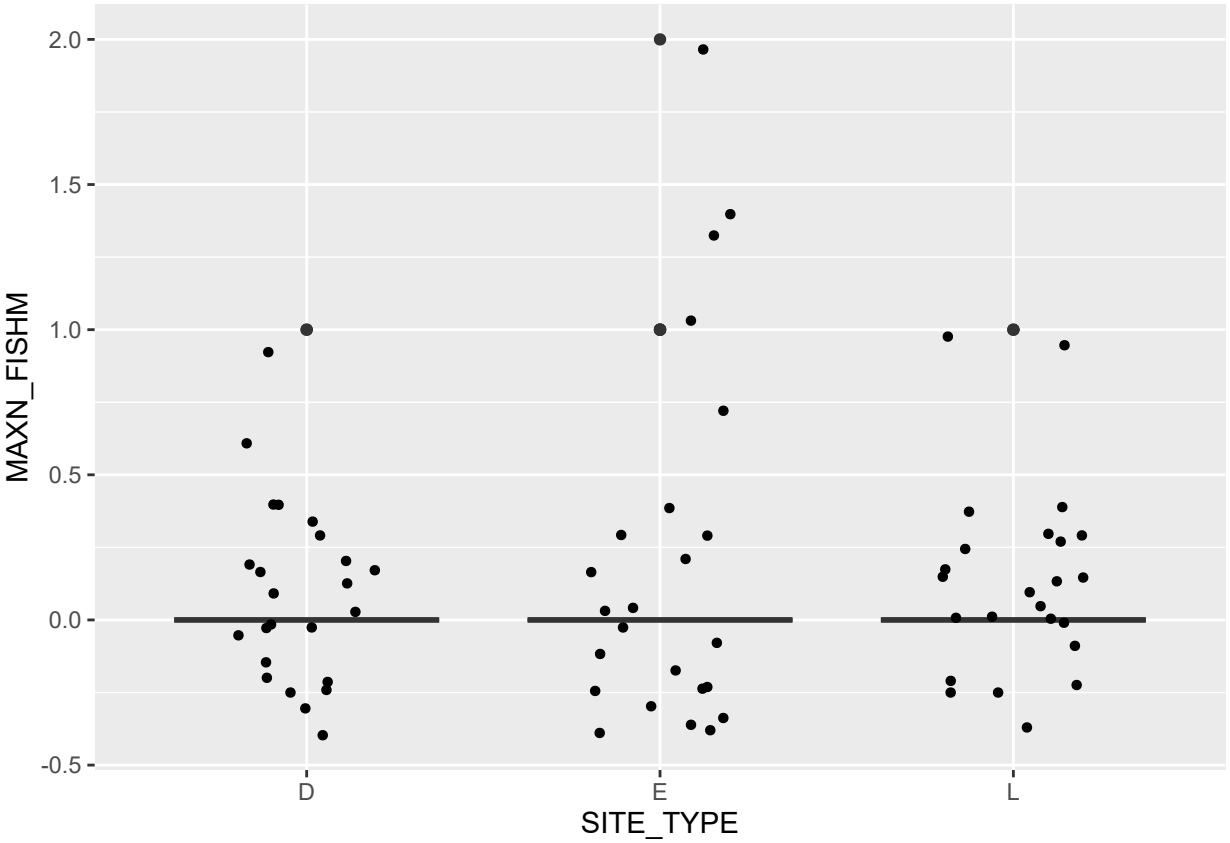
0.0
MAXN_FISHM
LANTANGPEO
TOMPOTANA
DESA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1.0
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0.0
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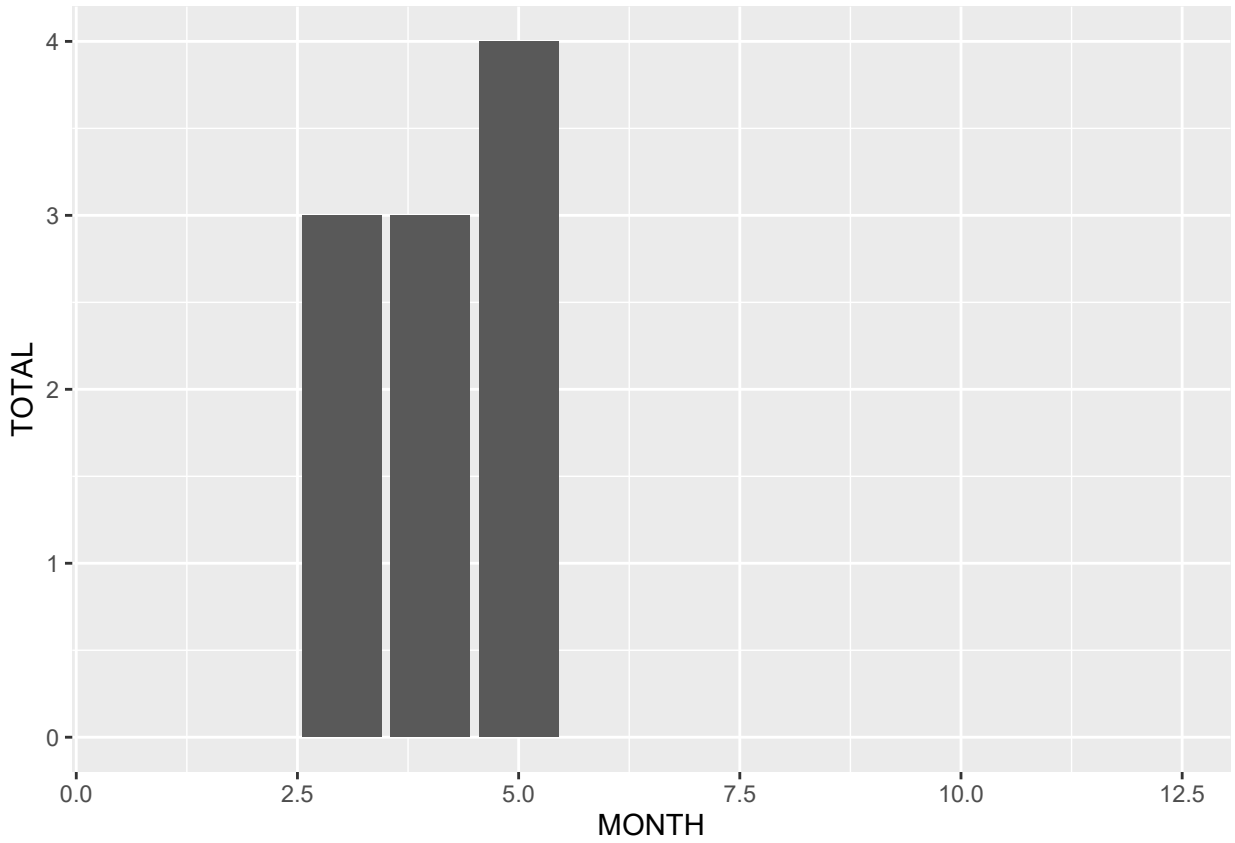
MAXN_FISHM
D
E
L
SITE_TYPE


TOTAL
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1
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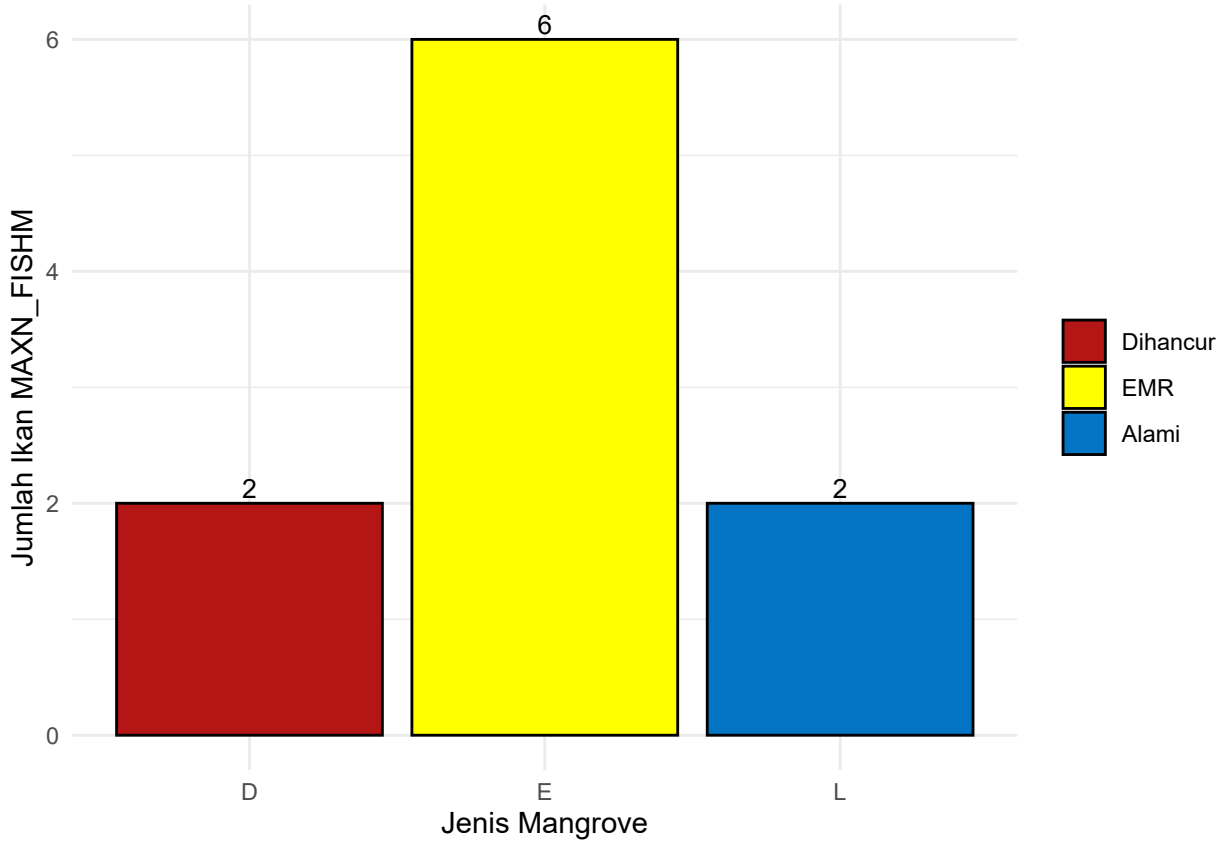
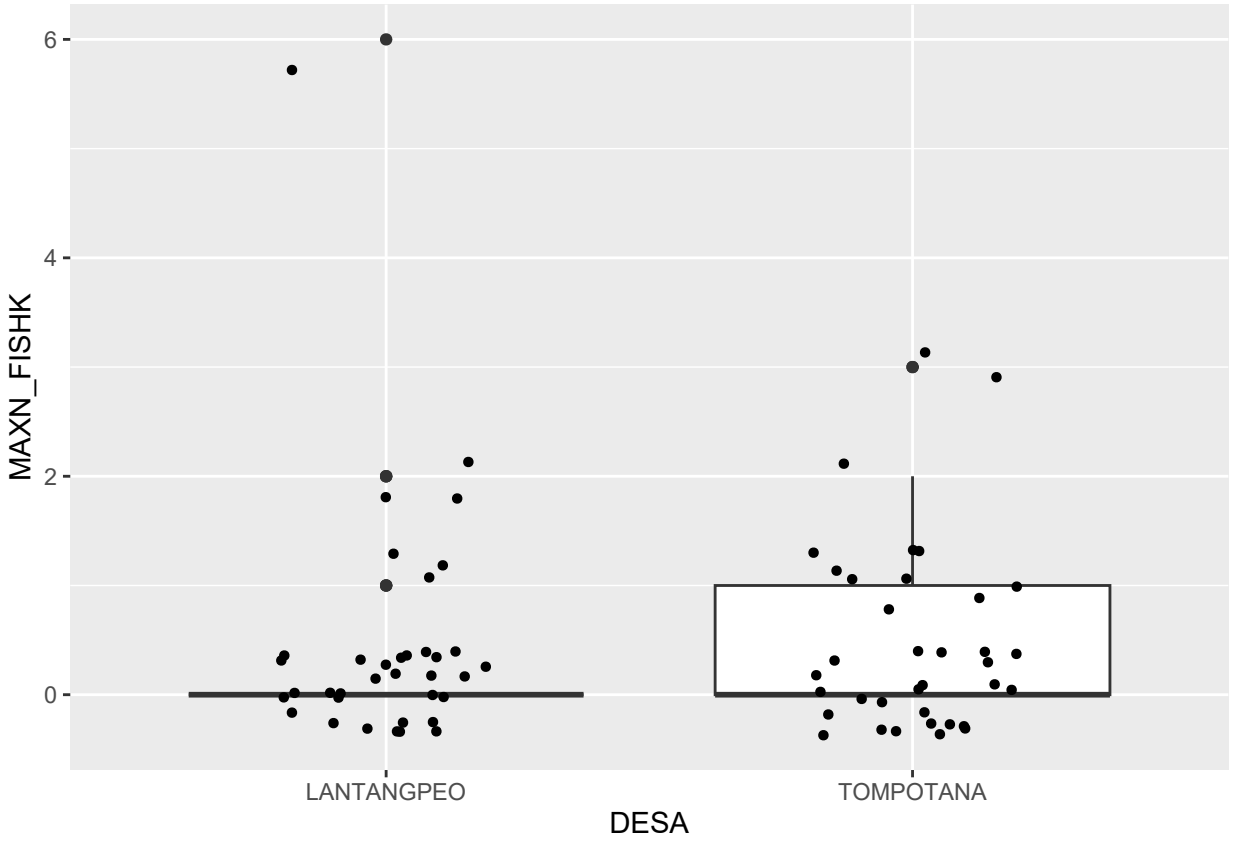
0.0
2.5
5.0
7.5
10.0
12.5
MONTH


6
2
2
6
4
2
0
Jumlah Ikan MAXN_FISHM
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami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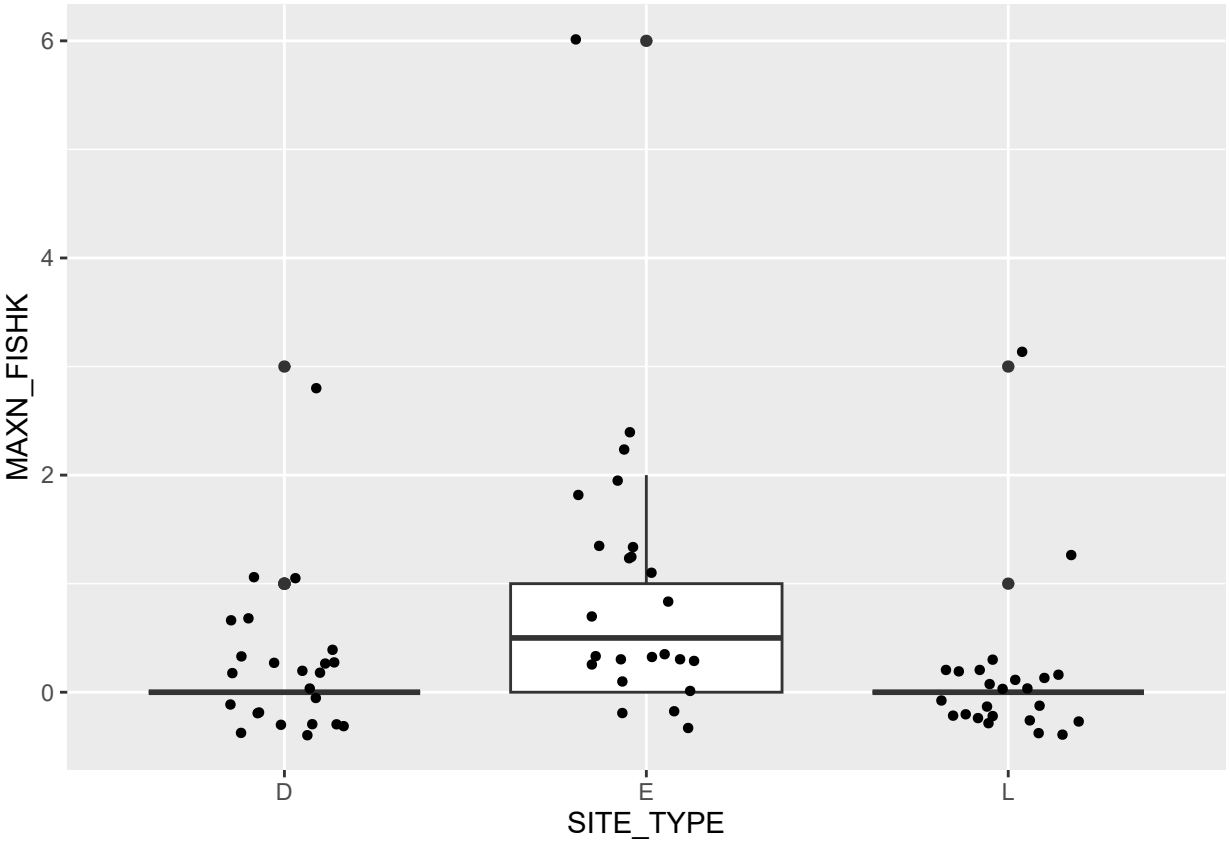
4
2
0
MAXN_FISHK
LANTANGPEO
TOMPOTANA
DESA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2
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MAXN_FISHK
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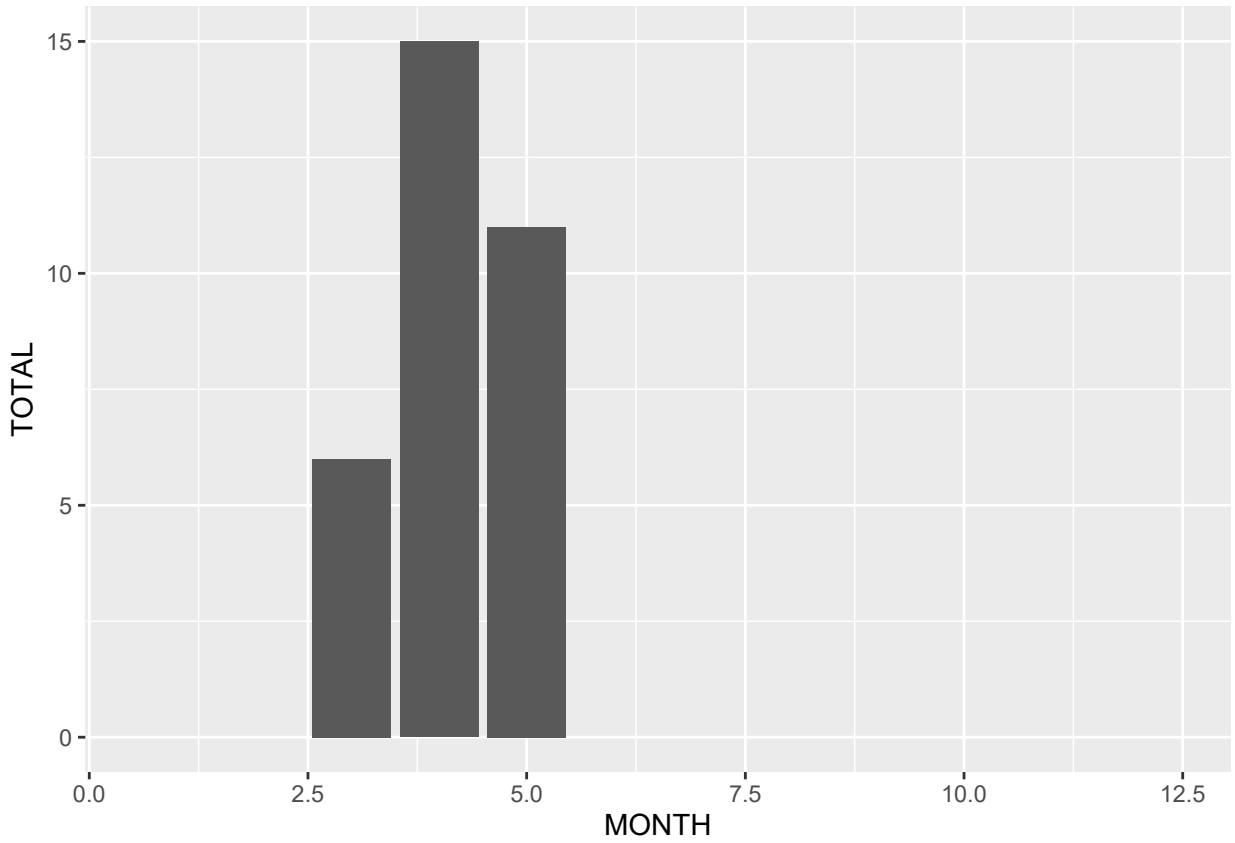
SITE_TYPE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5
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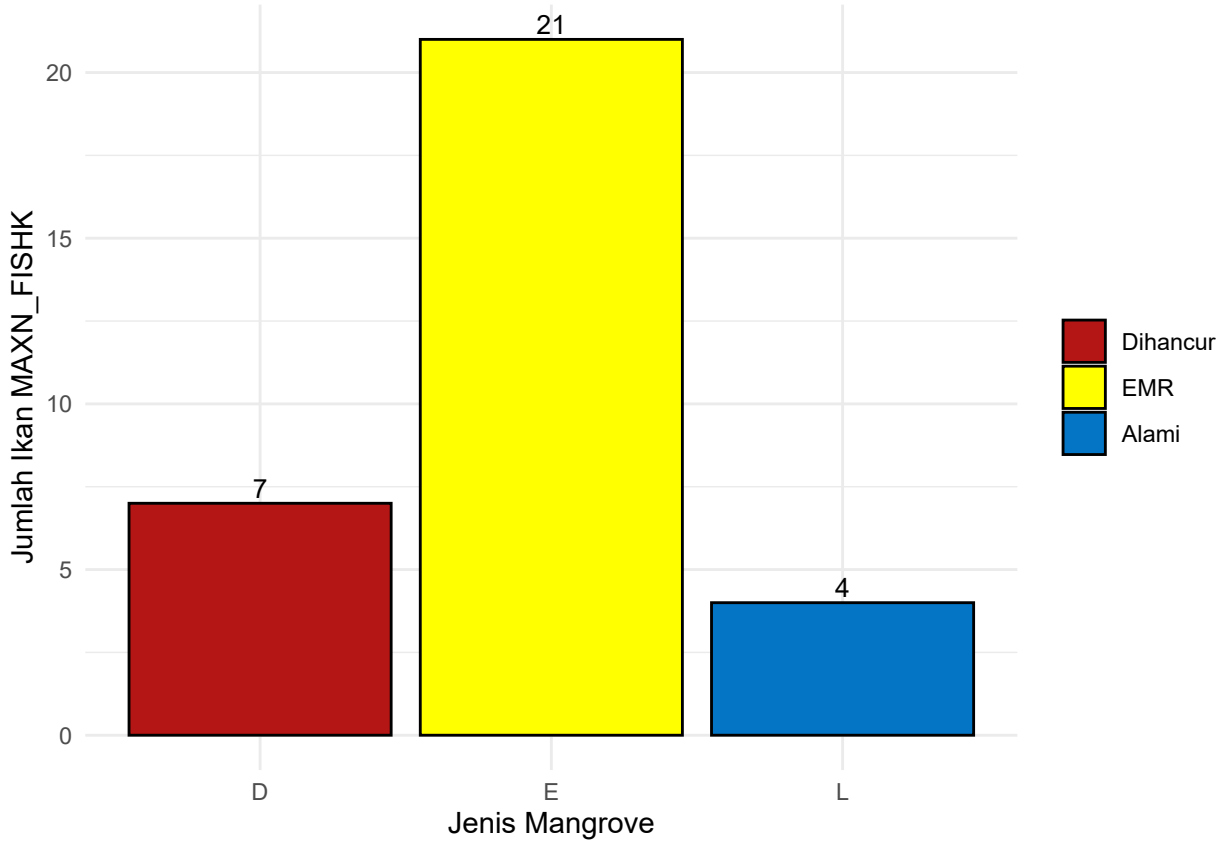
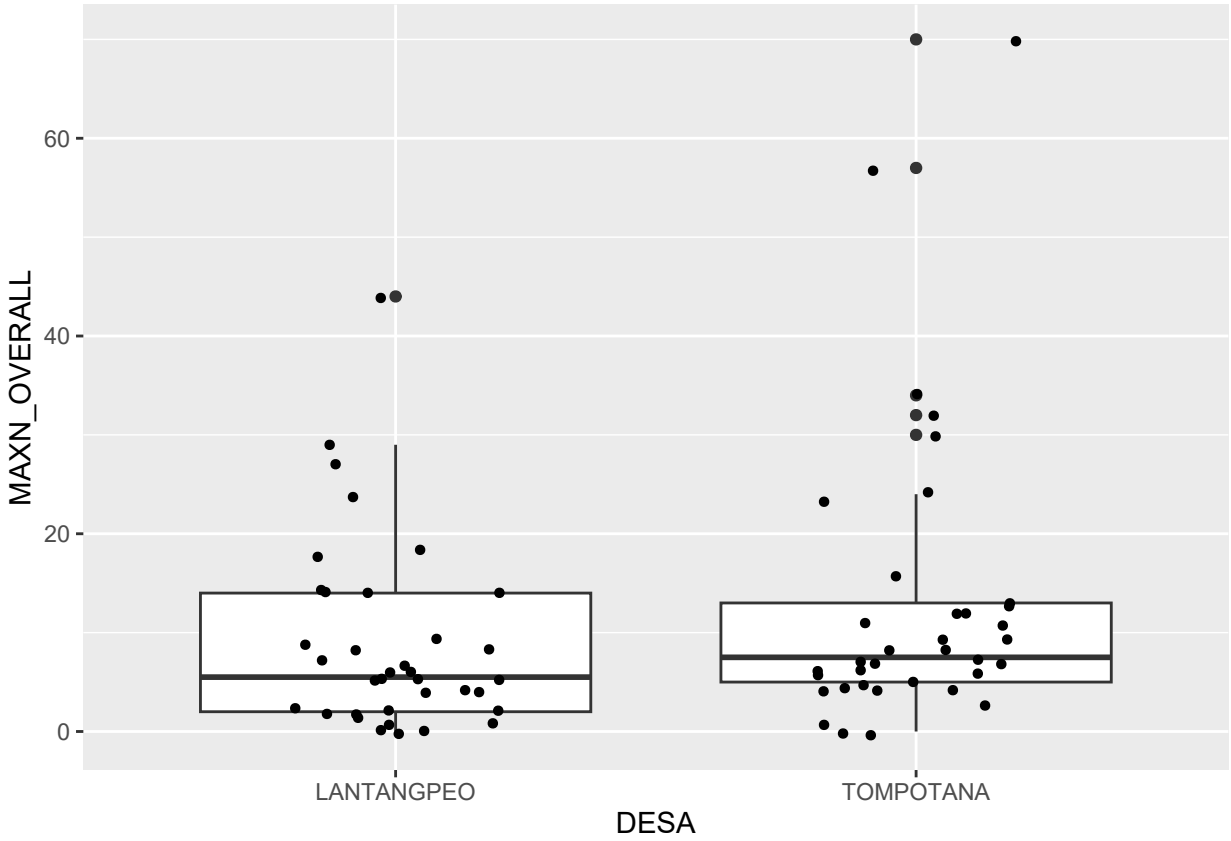
2.5
5.0
7.5
10.0
12.5
MONTH


21
20
15
10
5
0
7
4
Jumlah Ikan MAXN_FISHK
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami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20
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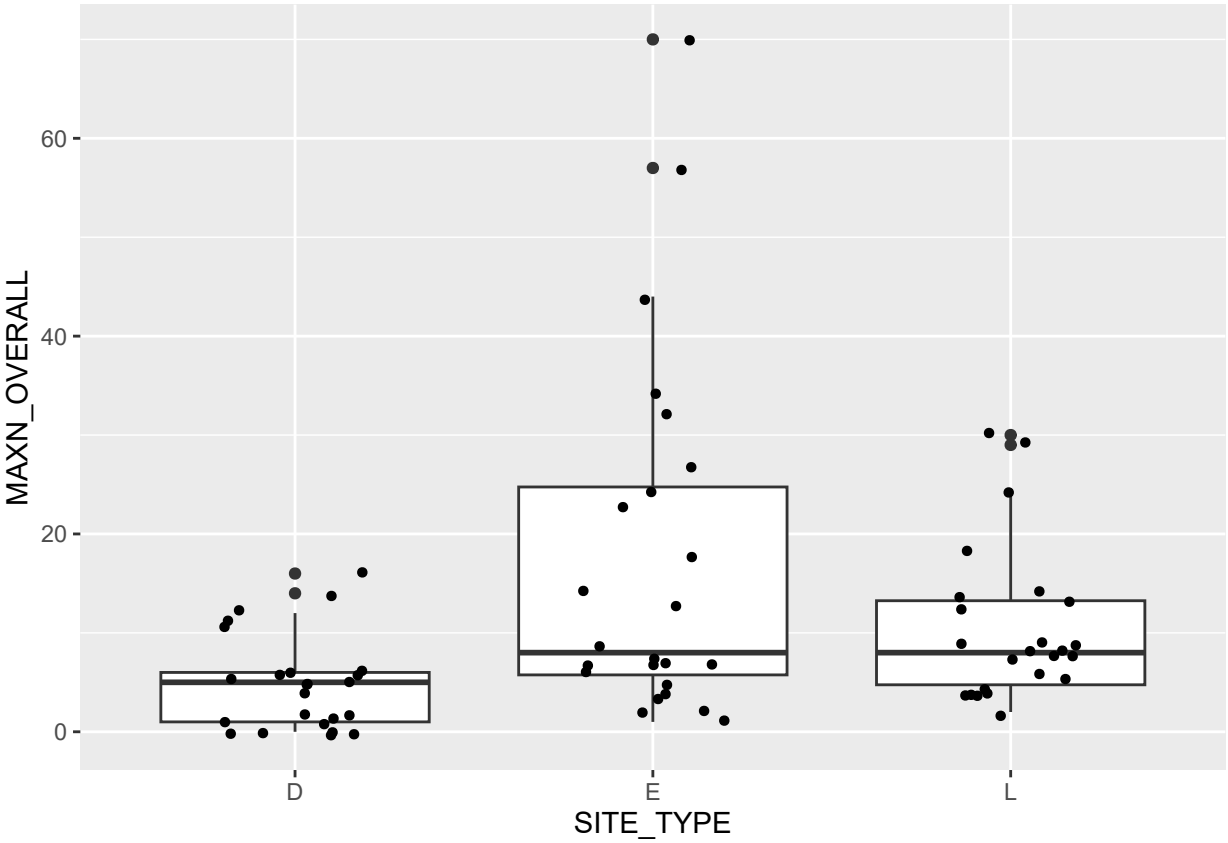
LANTANGPEO
TOMPOTANA
DESA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40
20
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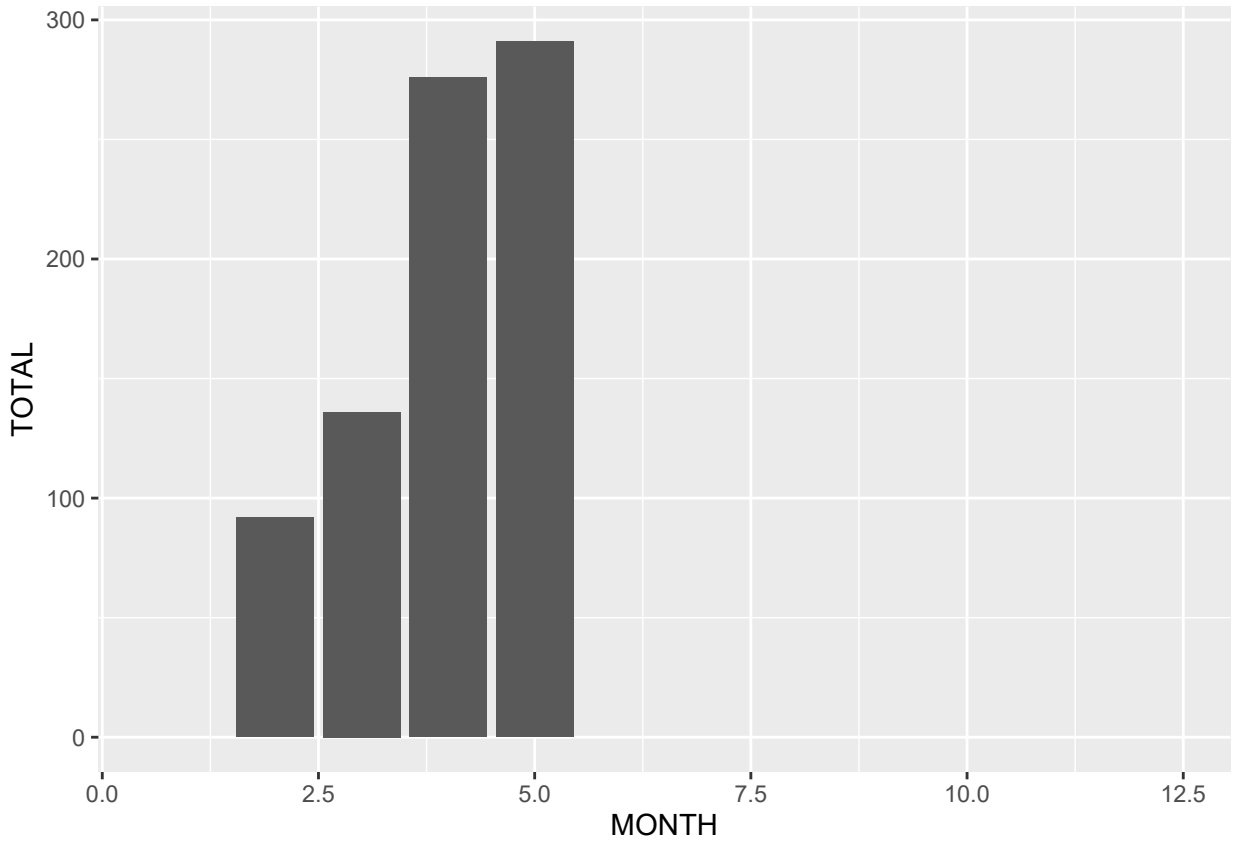
D
E
L
SITE_TYPE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200
100
0
TOTAL
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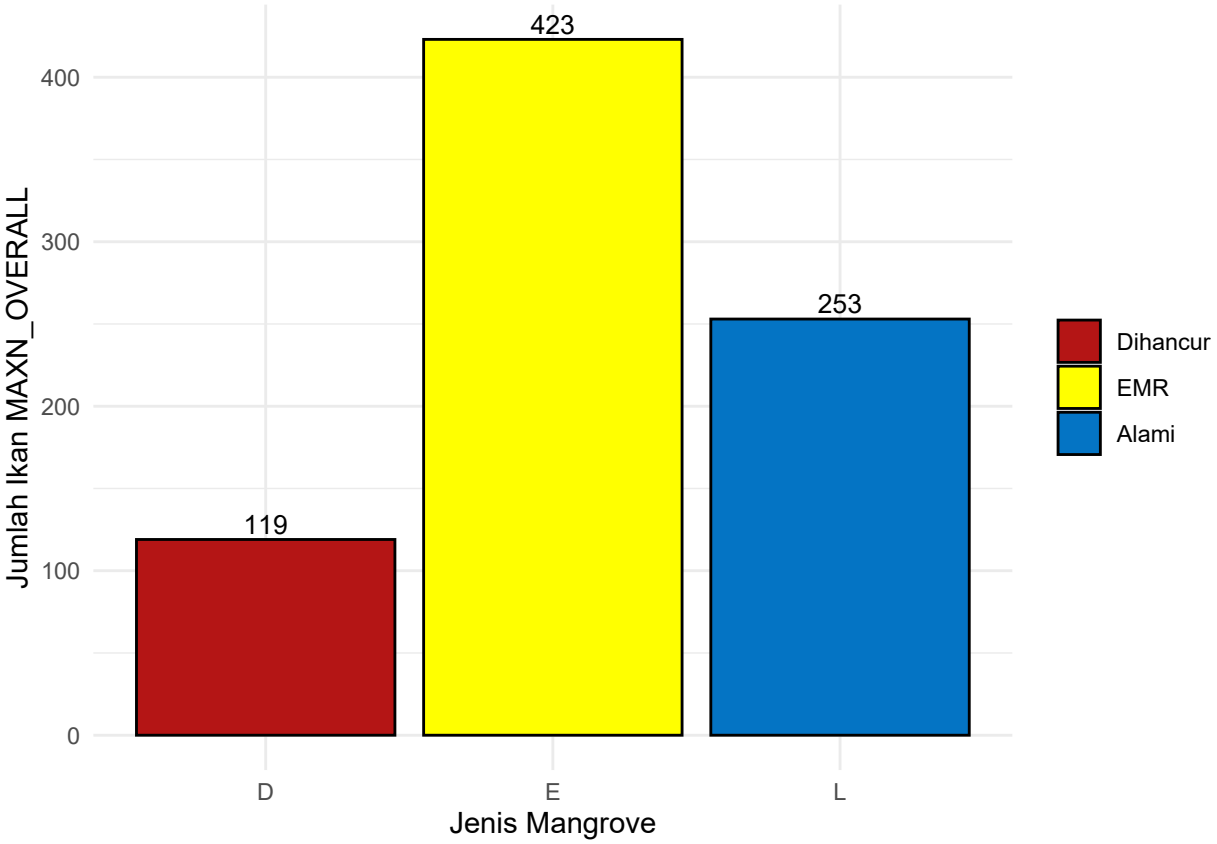
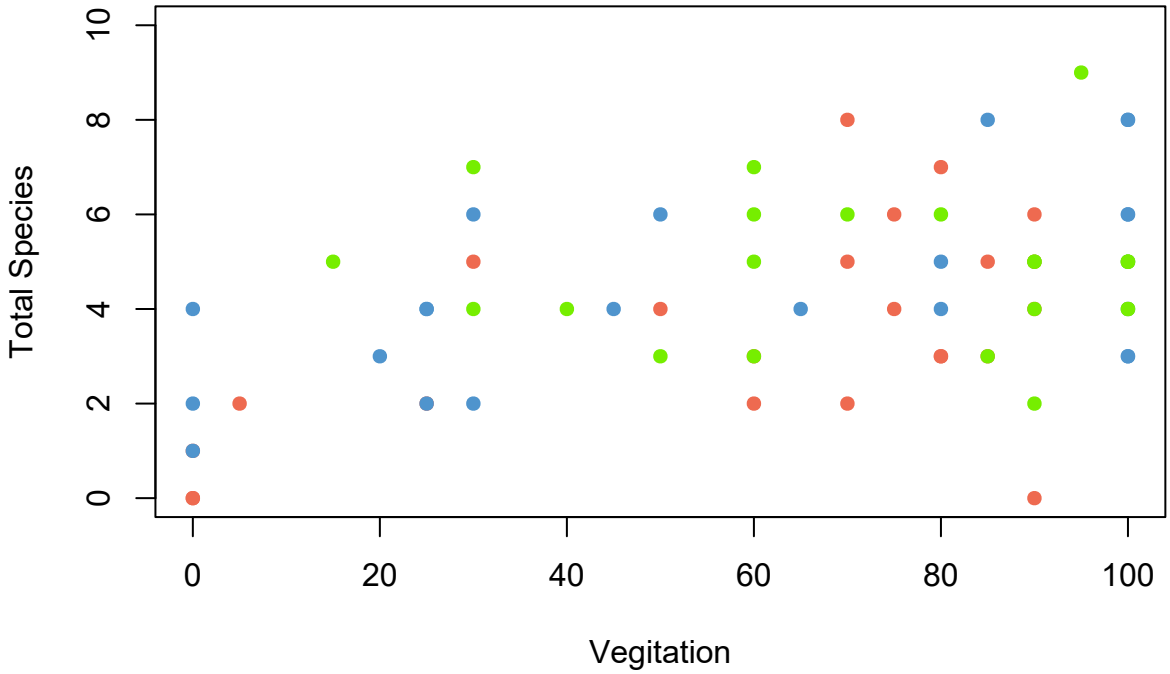
2.5
5.0
7.5
10.0
12.5
MONTH


423
253
119
400
300
200
100
0
Jumlah Ikan MAXN_OVERALL
D
E
L
Jenis Mangrove
Dihancur
EMR
Alami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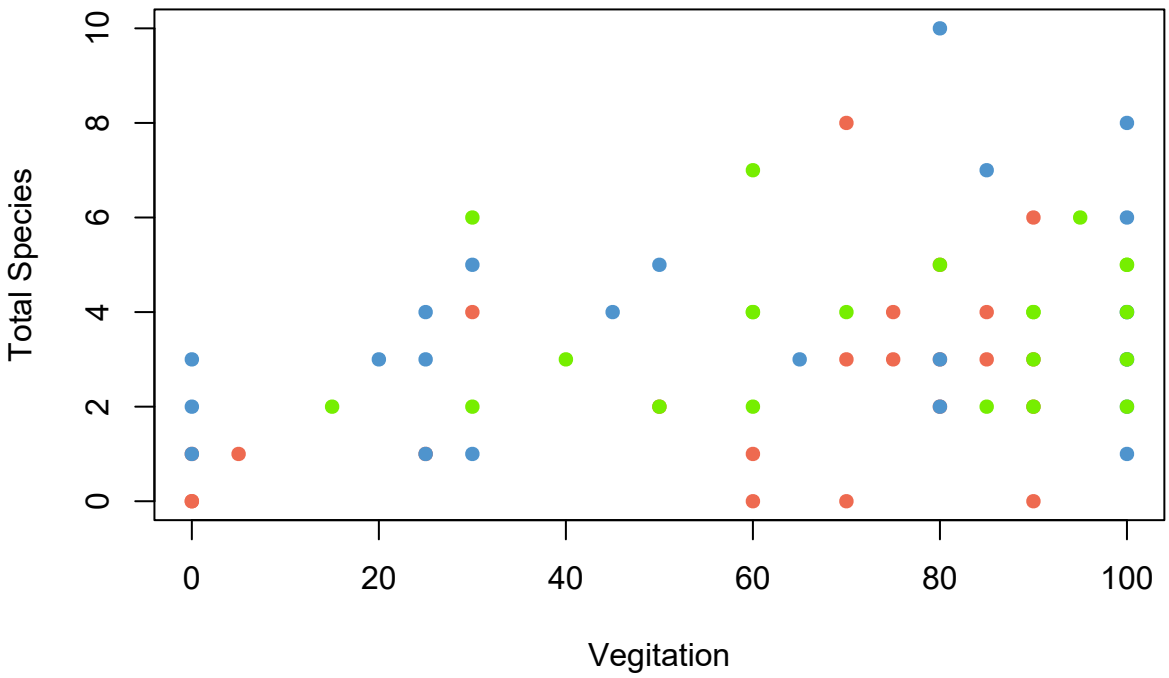
8
10
0
20
40
60
80
100
Vegitation


Total Species
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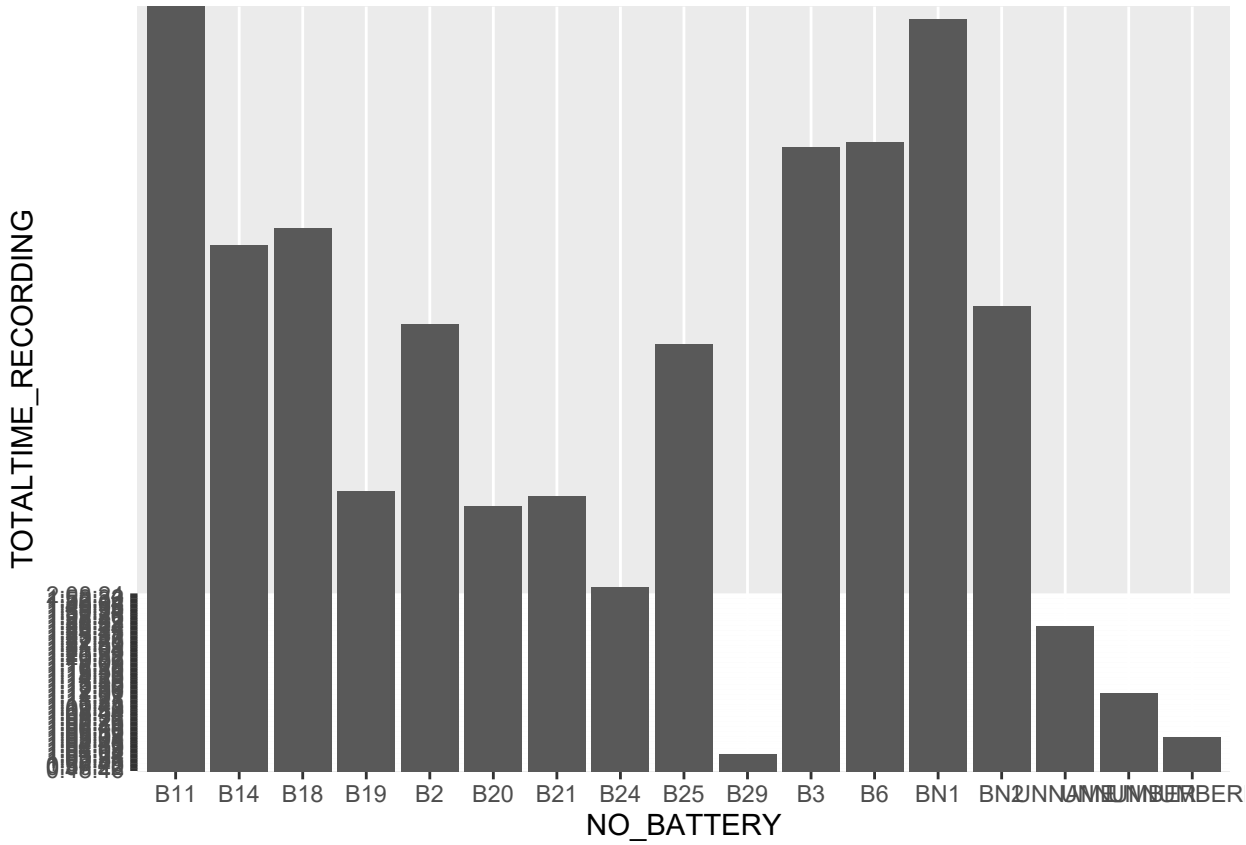
4
6
8
10
0
20
40
60
80
100
Vegitation


TOTALTIME_RECORDING
B11
B14
B18
B19
B2
B20
B21
B24
B25
B29
B3
B6
BN1
BN2
NO_BATTERY