

Entomortierella

neutral (n=11)

acidic (n=12)

pH

FDR: 1.445e-07
Coefficient: 4.04e-02
Value: acidic

0

250

500

750

Leohumicola

FDR: 5.307e-07

Coefficient: -9.77e-02

Value: acidic

neutral (n=11)

acidic (n=12)

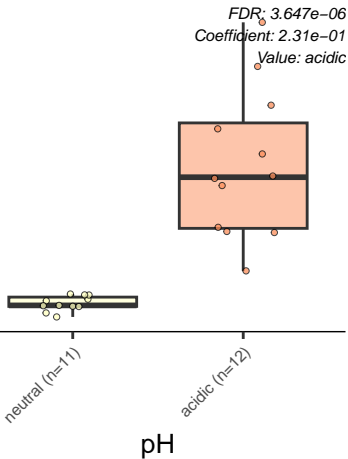
pH

4000

2000

0

Mortierella



Meliniomyces

FDR: 2.257e-05
Coefficient: 1.27e-01
Value: acidic

9000

6000

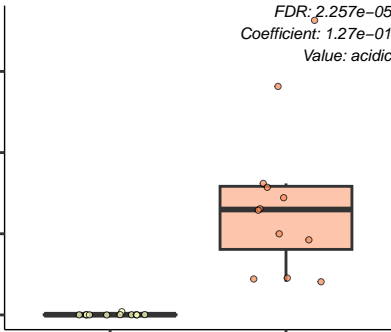
3000

0

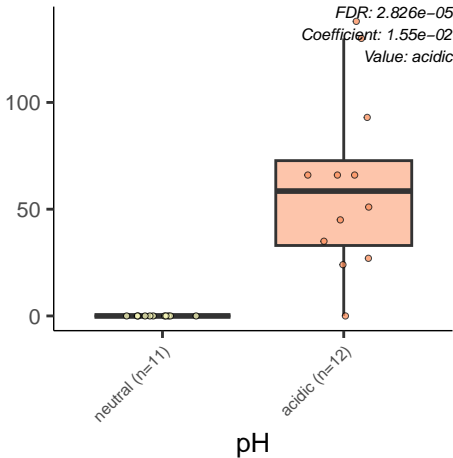
neutral (n=11)

acidic (n=12)

pH



Botryobasidium



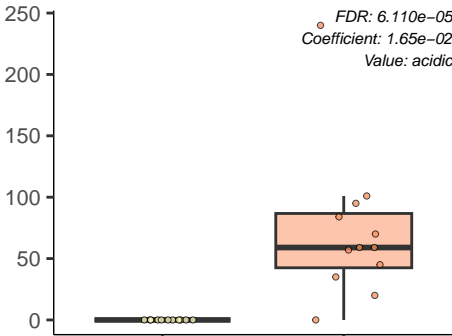
Scleropezicula

FDR: 6.110e-05
Coefficient: 1.65e-02
Value: acidic

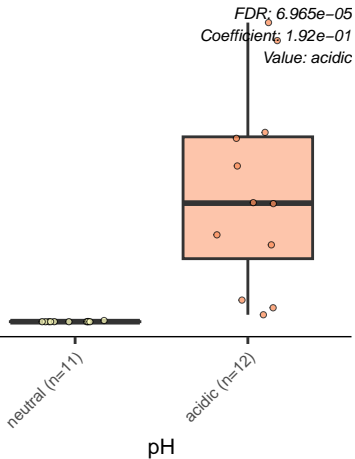
neutral (n=11)

acidic (n=12)

pH



Archaeorhizomyces



GS21_gen_Incertae_sedis

neutral (n=11)

acidic (n=12)

pH

FDR: 6.965×10^{-5}
Coefficient: 2.74×10^{-2}
Value: acidic

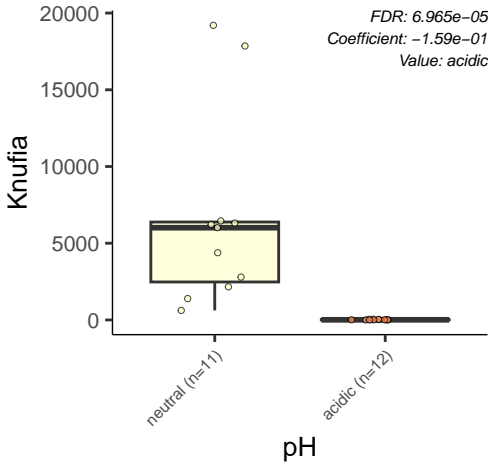
400

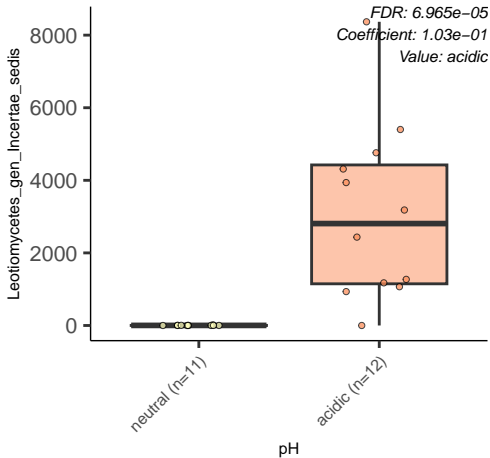
300

200

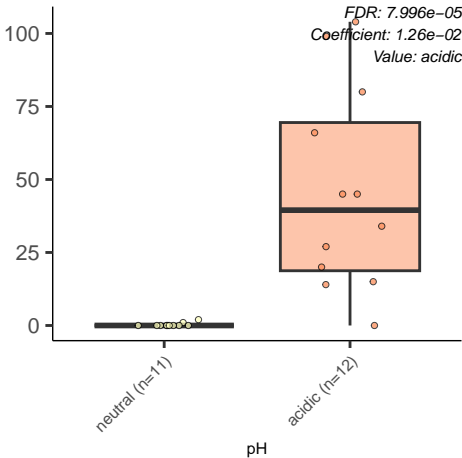
100

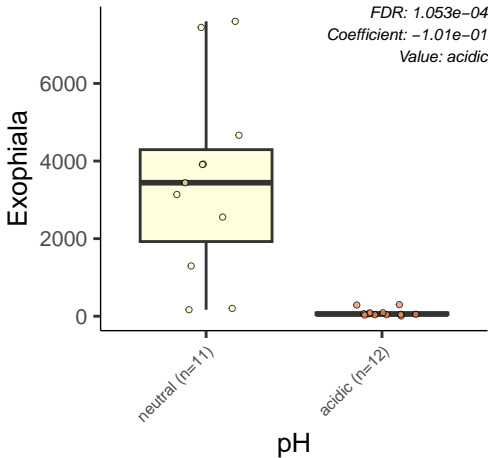
0





Acarosporales_gen_Incertae_sedis





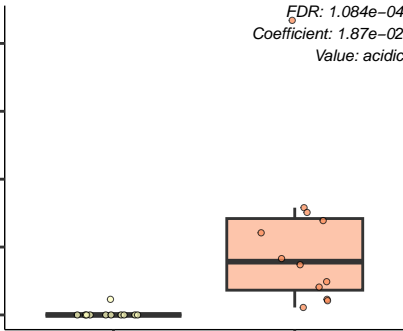
Lecanicillium

FDR: 1.084e-04
Coefficient: 1.87e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Podila

15000

10000

5000

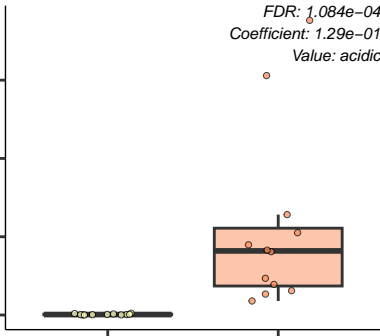
0

neutral (n=11)

acidic (n=12)

pH

FDR: $1.084e-04$
Coefficient: $1.29e-01$
Value: acidic



Chaetothyriales_gen_Incertae_sedis

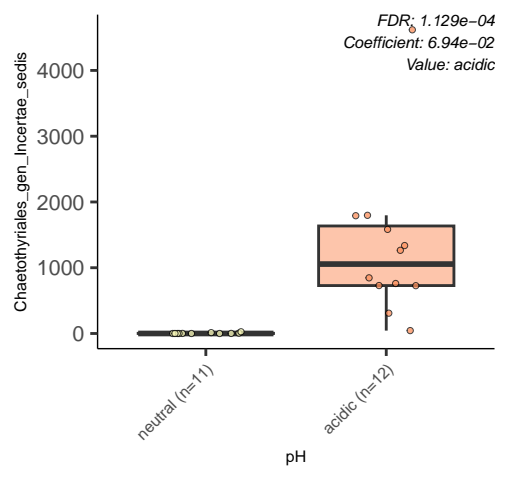
FDR: 1.129e-04
Coefficient: 6.94e-02
Value: acidic

neutral (n=11)

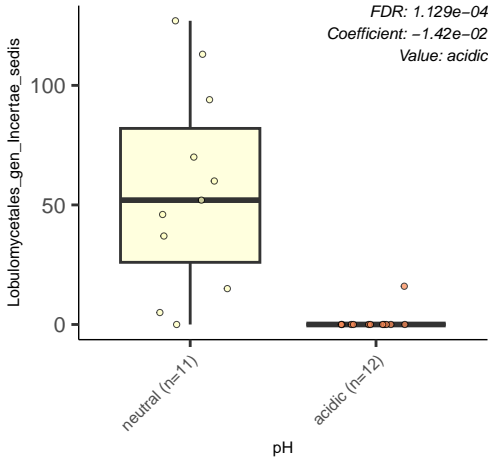
acidic (n=12)

pH

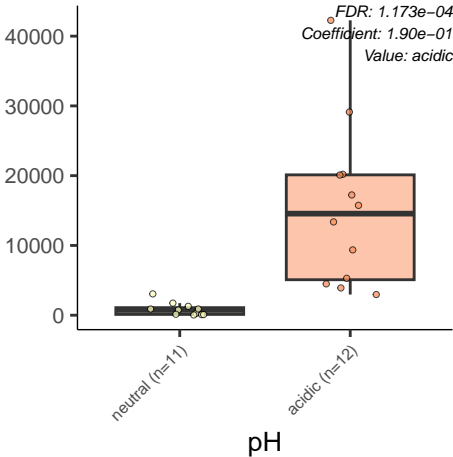
4000
3000
2000
1000
0



Value: acidic



Cortinarius



Lachnellula

FDR: 1.205e-04
Coefficient: 1.10e-01
Value: acidic

15000

10000

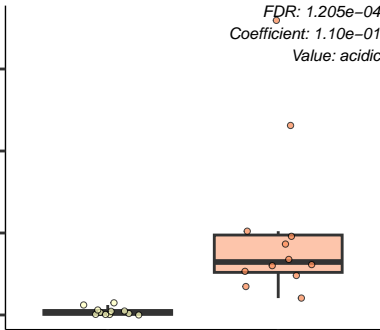
5000

0

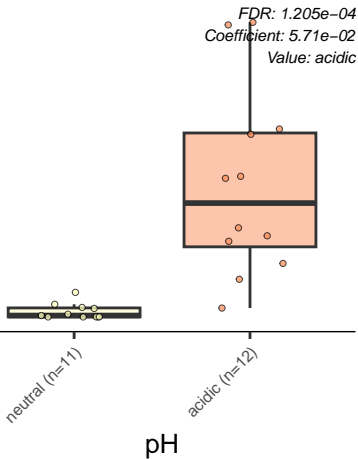
neutral (n=11)

acidic (n=12)

pH



Leucosporidium



Piloderma

FDR: 1.620e-04
Coefficient: 2.13e-01
Value: acidic

40000

30000

20000

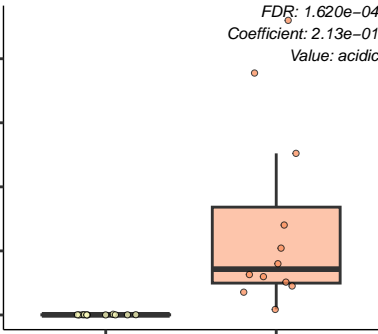
10000

0

neutral (n=11)

acidic (n=12)

pH



Hyaloscyphaceae_gen_Incertae_sedis

400

200

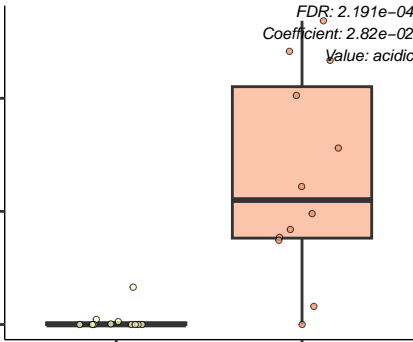
0

neutral (n=11)

acidic (n=12)

pH

FDR: 2.191e-04
Coefficient: 2.82e-02
Value: acidic



Helotiales_gen_Incertae_sedis

3000

2000

1000

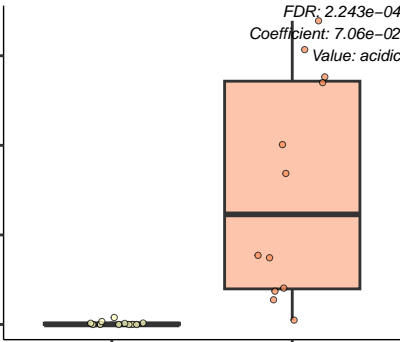
0

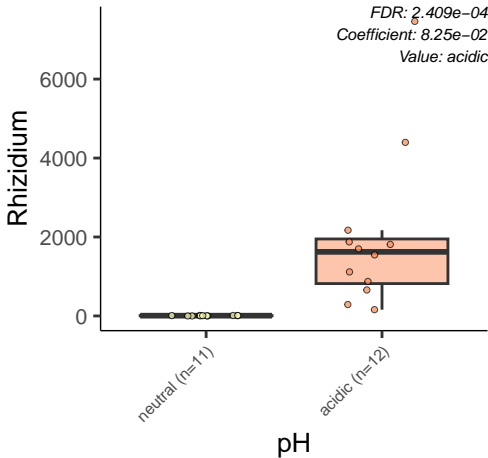
neutral (n=11)

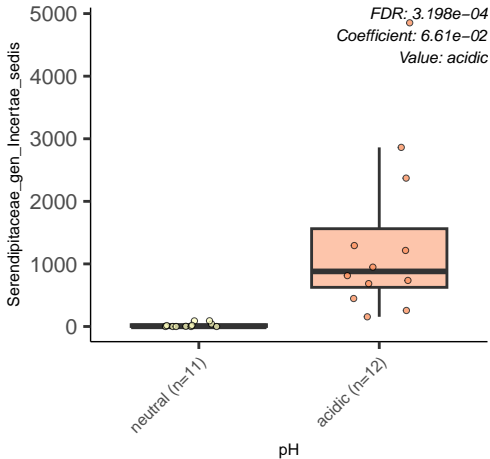
acidic (n=12)

pH

FDR: 2.243e-04
Coefficient: 7.06e-02
Value: acidic







Sugiyamaella

750

500

250

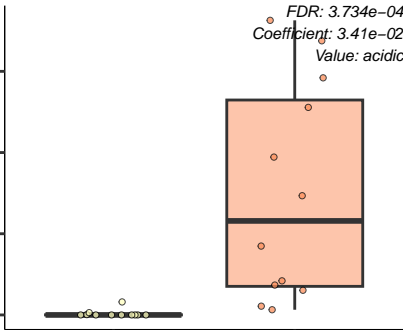
0

neutral (n=11)

acidic (n=12)

pH

FDR: 3.734×10^{-4}
Coefficient: 3.41×10^{-2}
Value: acidic



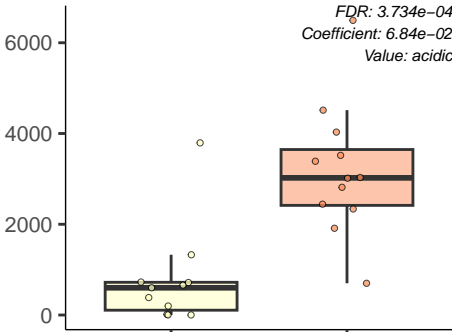
Umbelopsis

FDR: 3.734e-04
Coefficient: 6.84e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Gleopypcnis

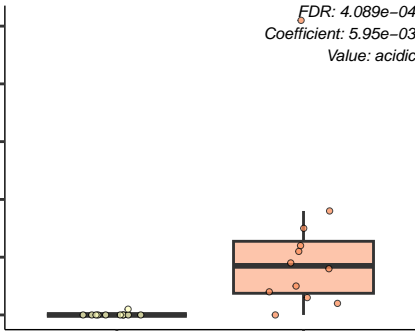
50
40
30
20
10
0

neutral (n=11)

acidic (n=12)

pH

FDR: $4.089e-04$
Coefficient: $5.95e-03$
Value: acidic





neutral (n=11)

acidic ($n=12$)

pH

FDR: 4.356e-04
Coefficient: 1.33e-02
Value: acidic

Pochochia

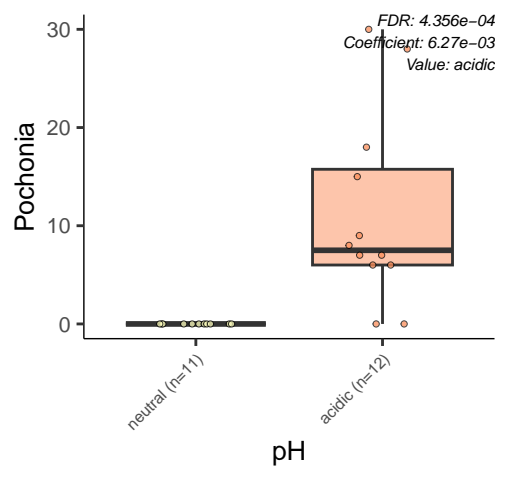
30
20
10
0

neutral (n=11)

acidic (n=12)

pH

FDR: 4.356e-04
Coefficient: 6.27e-03
Value: acidic



Scytalidium

FDR: 4.356e-04
Coefficient: 1.38e-02
Value: acidic

150

100

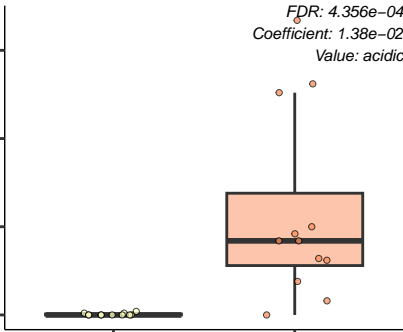
50

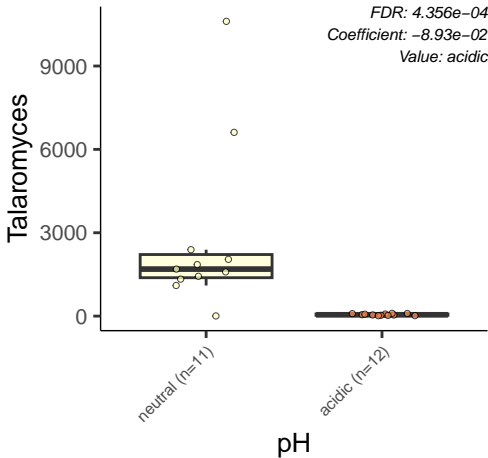
0

neutral (n=11)

acidic (n=12)

pH





Brahmaculus

1000

500

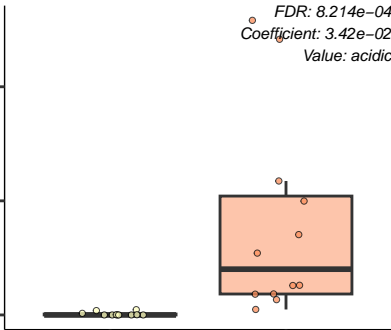
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.214e-04
Coefficient: 3.42e-02
Value: acidic



Value: acidic

acidic ($n=12$)

pH

Humicolopsis

FDR: 9.311e-04
Coefficient: 3.37e-02
Value: acidic

neutral (n=11)

acidic (n=12)

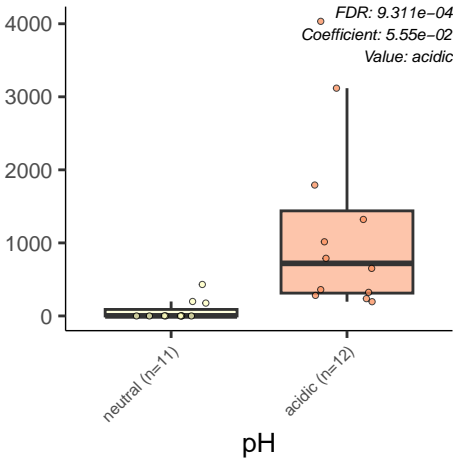
pH

1500

1000

500

0



Cenococcum

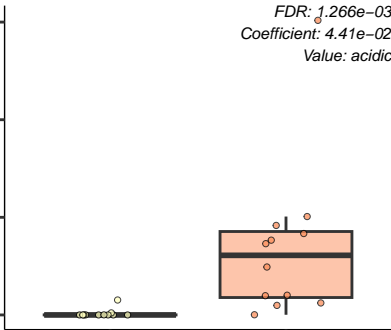
3000
2000
1000
0

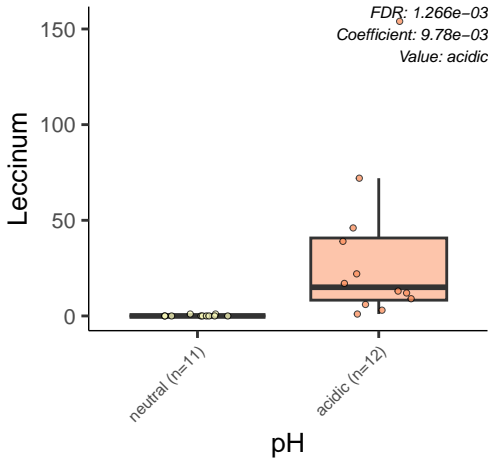
neutral (n=11)

acidic (n=12)

pH

FDR: 1.266e-03
Coefficient: 4.41e-02
Value: acidic





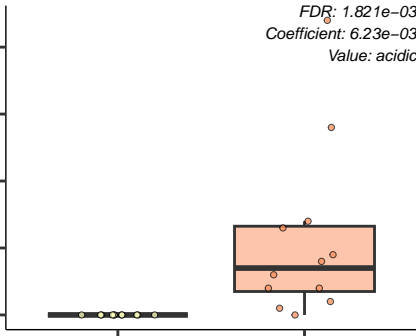
Pseudohyphozyma

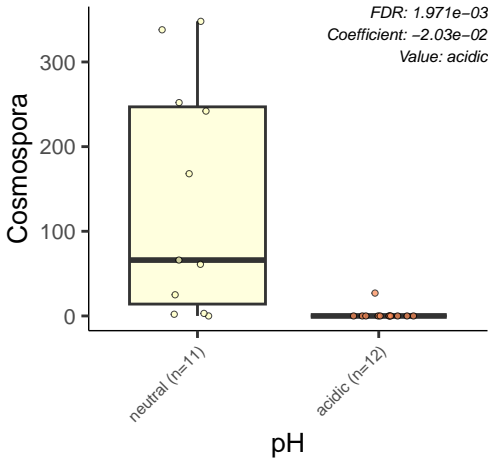
FDR: 1.821e-03
Coefficient: 6.23e-03
Value: acidic

neutral (n=11)

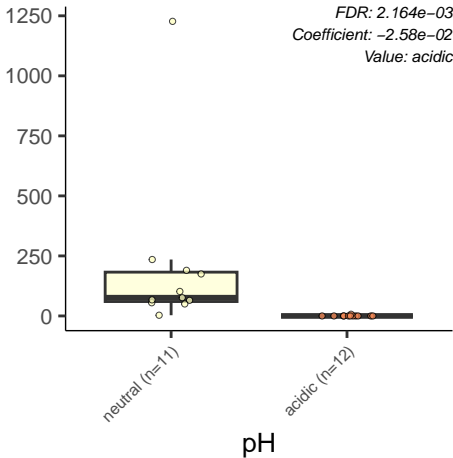
acidic (n=12)

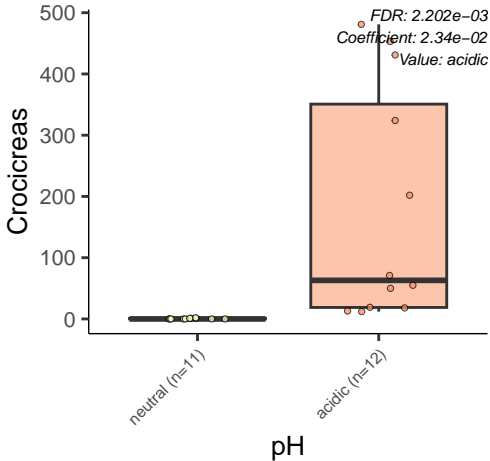
pH

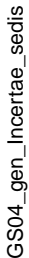




Truncatella







FDR: 2.202e-03

Coefficient: $1.13e-02$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Mycena

neutral (n=11)

acidic (n=12)

pH

FDR: $2.202e-03$
Coefficient: $3.68e-02$
Value: acidic

1500

1000

500

0

Sclerococcum

20000

15000

10000

5000

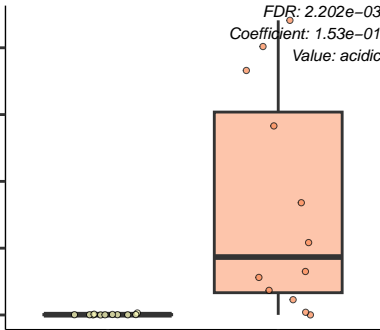
0

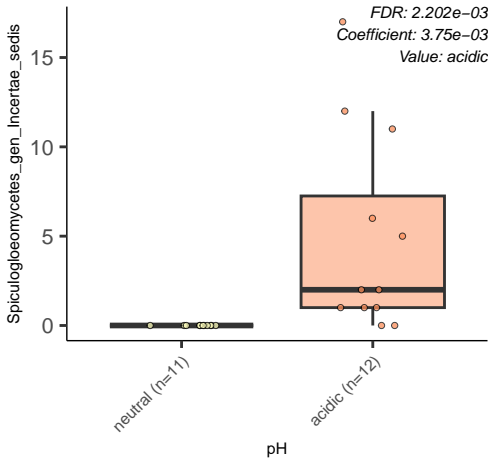
neutral (n=11)

acidic (n=12)

pH

FDR: 2.202e-03
Coefficient: 1.53e-01
Value: acidic





Verrucococcum

100

75

50

25

0

neutral (n=11)

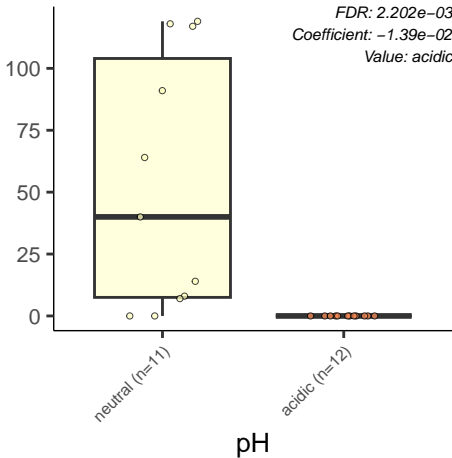
acidic (n=12)

pH

FDR: 2.202e-03

Coefficient: -1.39e-02

Value: acidic



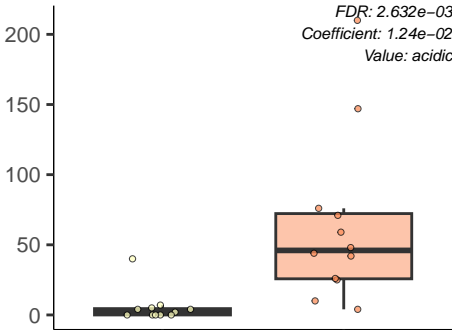
Galerina

FDR: 2.632e-03
Coefficient: 1.24e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Paraphoma

FDR: 2.632e-03

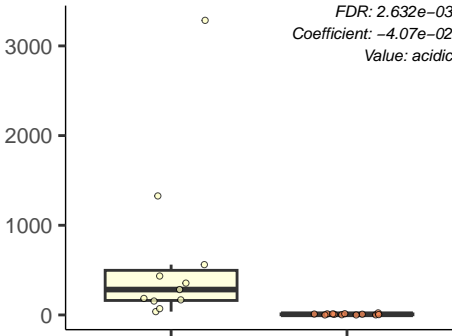
Coefficient: -4.07e-02

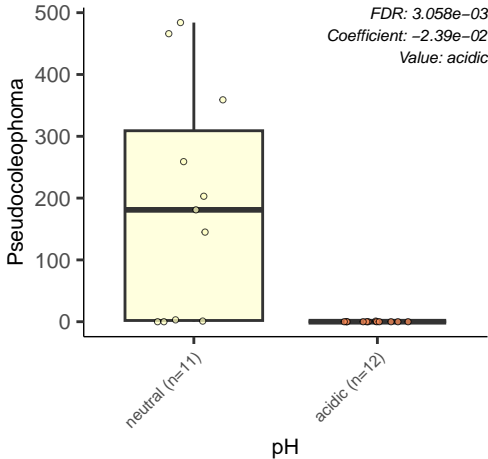
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Tricelophorus

FDR: 3.417e-03

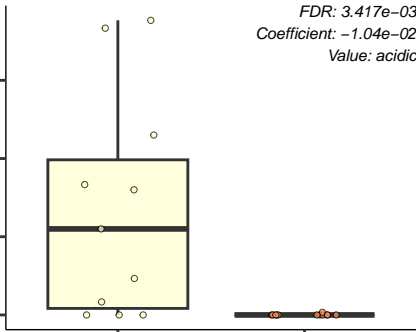
Coefficient: -1.04e-02

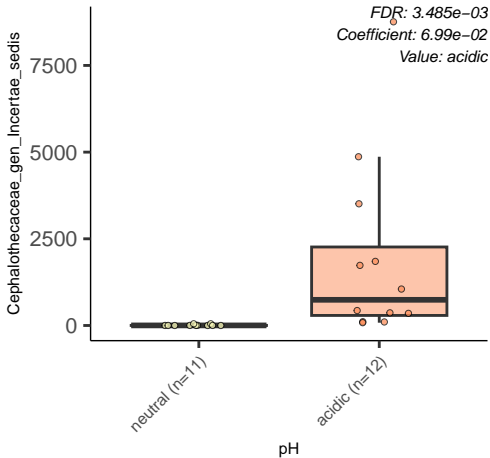
Value: acidic

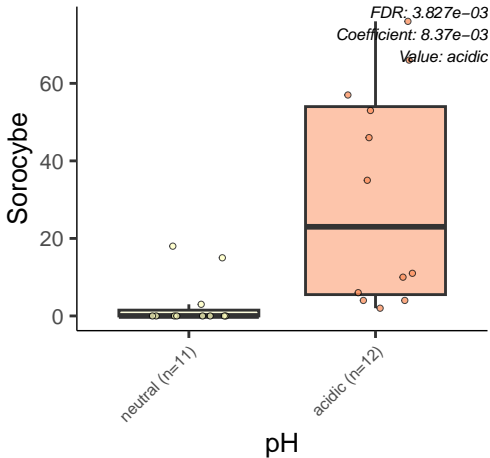
neutral (n=11)

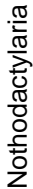
acidic (n=12)

pH









FDR: 3.877e-03

Coefficient: $-8.40e-03$

Value: acidic



pH

Hamatocanthoscypha

FDR: 4.123e-03

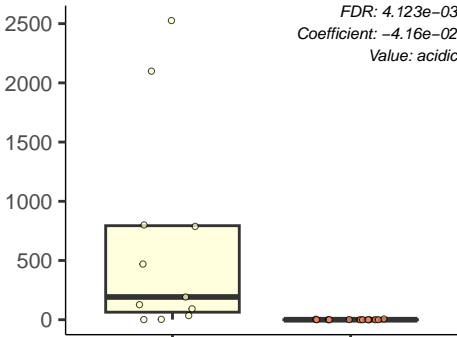
Coefficient: -4.16e-02

Value: acidic

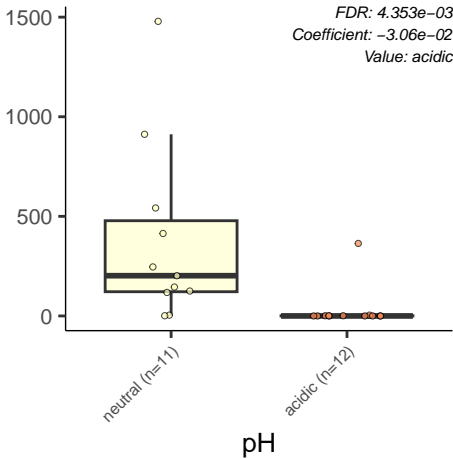
neutral (n=11)

acidic (n=12)

pH



Pezizellaster



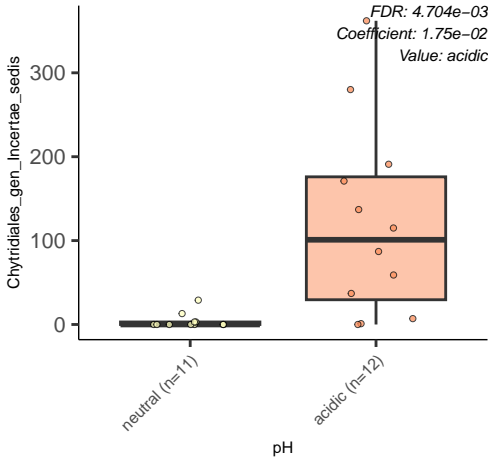
Chytridiales_gen_Incertae_sedis

FDR: $4.704e-03$
Coefficient: $1.75e-02$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Keissleriella

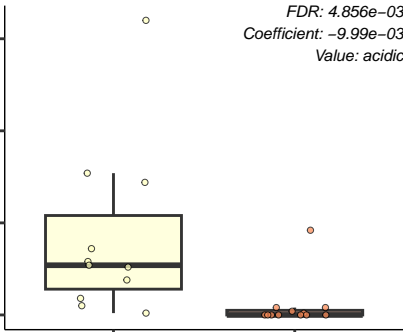
150
100
50
0

neutral (n=11)

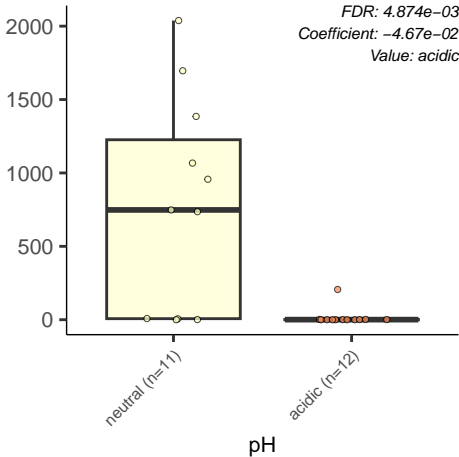
acidic (n=12)

pH

FDR: 4.856e-03
Coefficient: -9.99e-03
Value: acidic



Rhexocerosporidium



Hyphodiscus

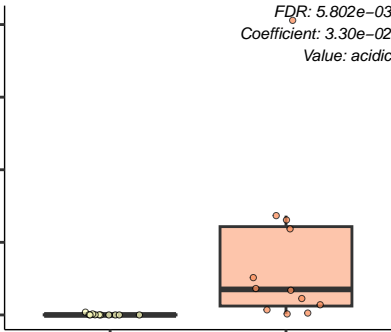
2000
1500
1000
500
0

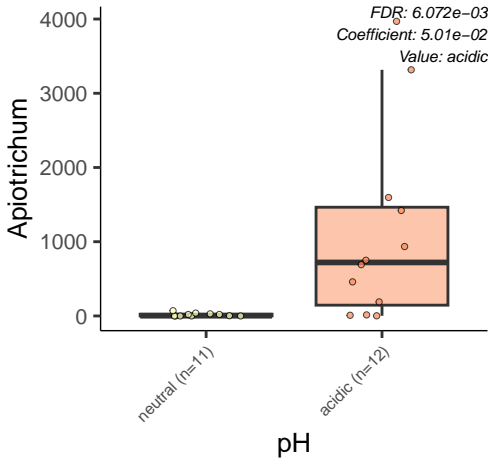
neutral (n=11)

acidic (n=12)

pH

FDR: 5.802e-03
Coefficient: 3.30e-02
Value: acidic





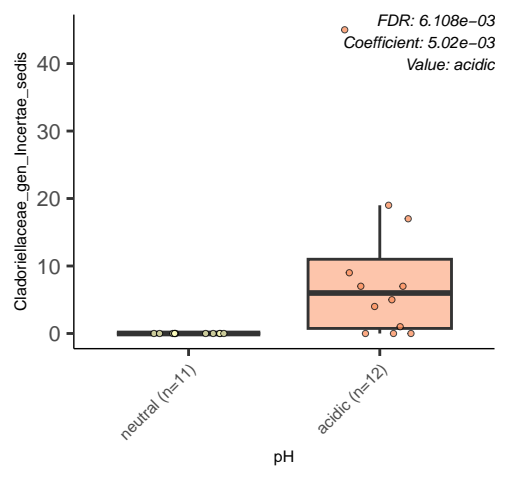
Cladriellaceae_gen_Incertae_sedis

FDR: 6.108e-03
Coefficient: 5.02e-03
Value: acidic

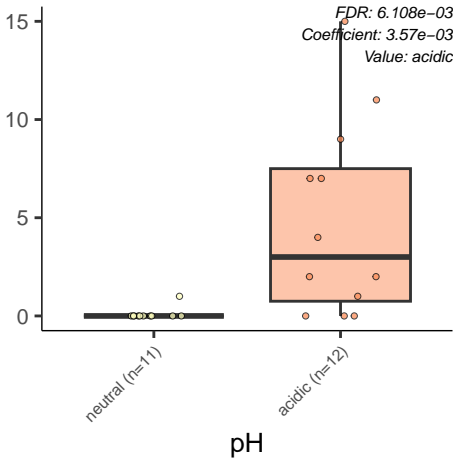
neutral (n=11)

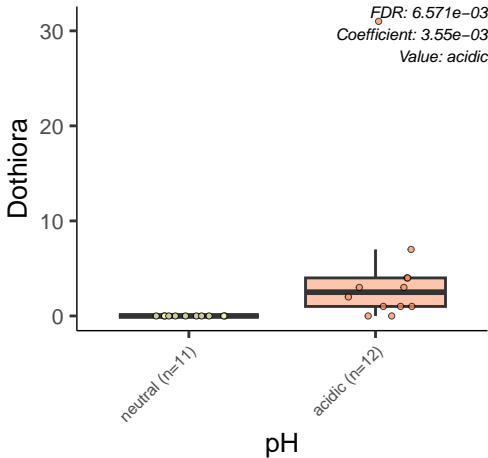
acidic (n=12)

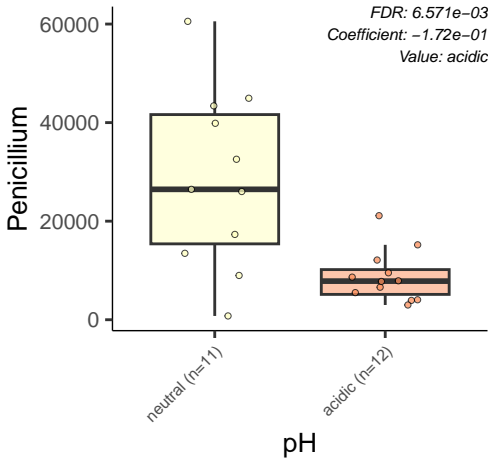
pH



Gelasinospora







Hymenochaetales_gen_Incertae_sedis

FDR: 6.677e-03
Coefficient: 2.42e-02
Value: acidic

600

400

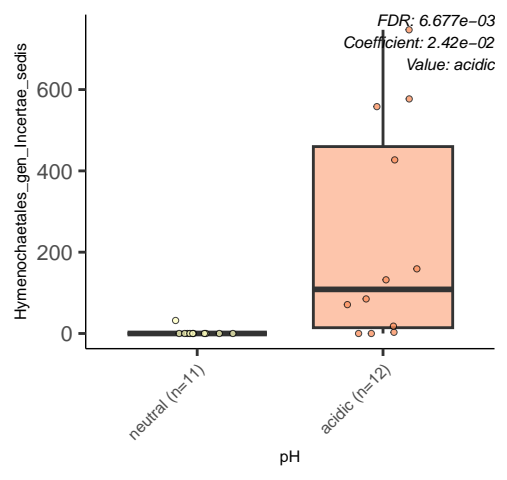
200

0

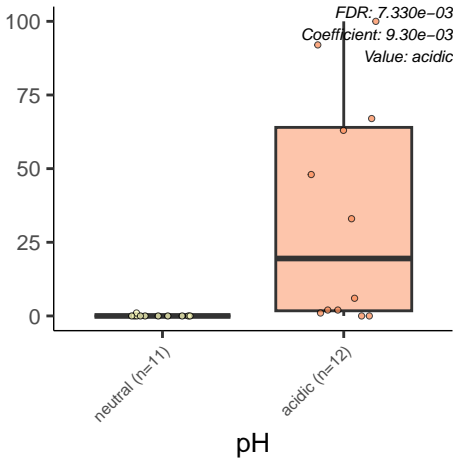
neutral (n=11)

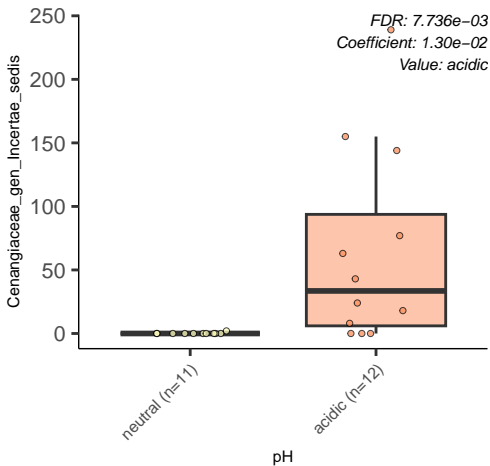
acidic (n=12)

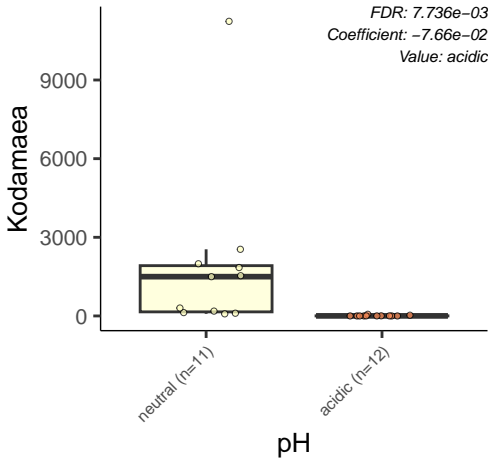
pH



Babjeviella







GS22_gen_Incertae_sedis

FDR: 7.933e-03
Coefficient: 1.44e-02
Value: acidic

300

200

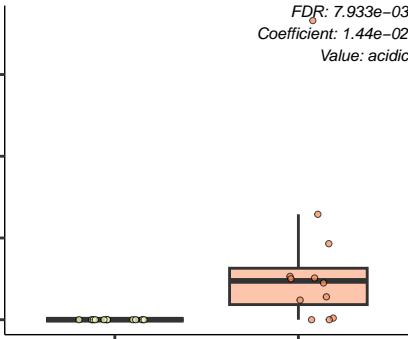
100

0

neutral (n=11)

acidic (n=12)

pH



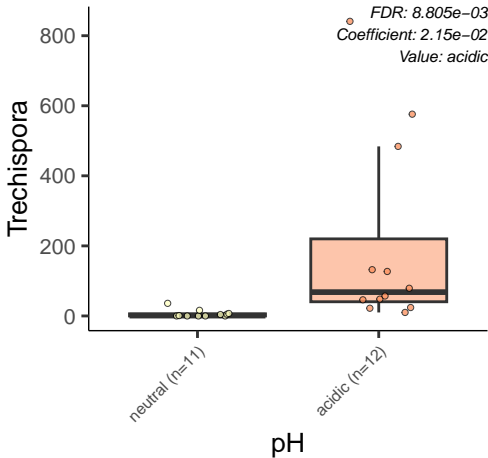
Value: acidic



neutral (n=11)

acidic ($n=12$)

pH



Cladophialophora

FDR: 1.053e-02

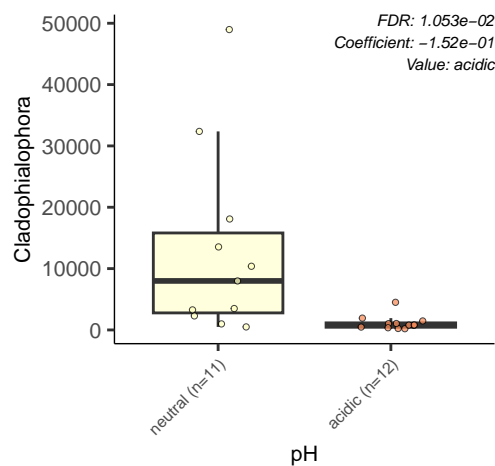
Coefficient: -1.52e-01

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Melanodiplodia

FDR: 1.073e-02

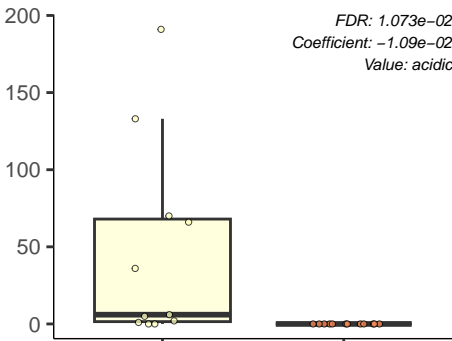
Coefficient: -1.09e-02

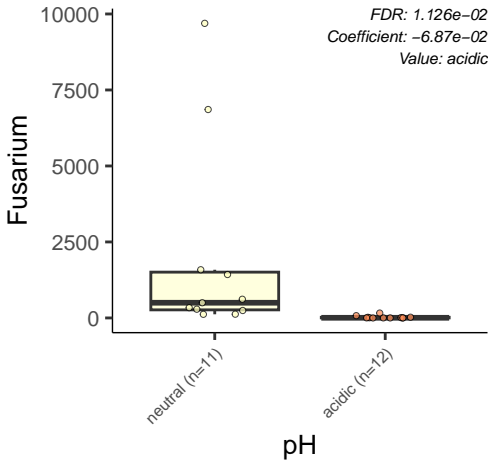
Value: acidic

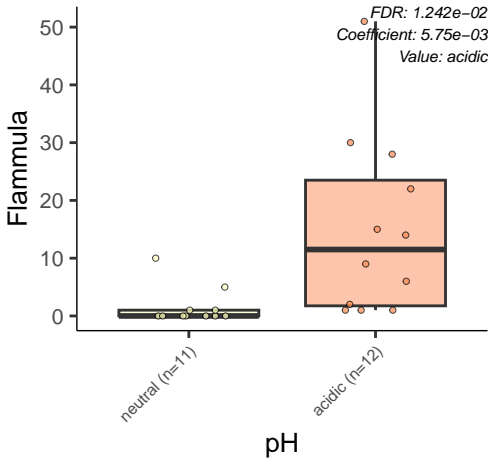
neutral (n=11)

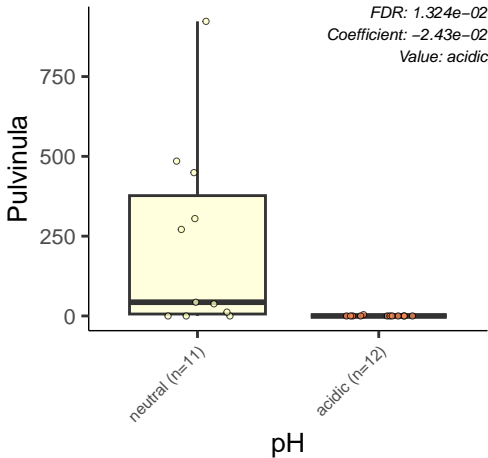
acidic (n=12)

pH









Tetracladium

FDR: 1.406e-02

Coefficient: -8.87e-02

Value: acidic

10000

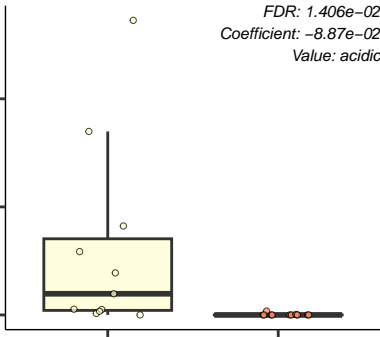
5000

0

neutral (n=11)

acidic (n=12)

pH



Cystoderma

FDR: 1.436e-02
Coefficient: 7.66e-03
Value: acidic

100

75

50

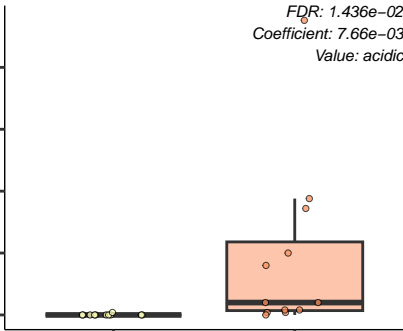
25

0

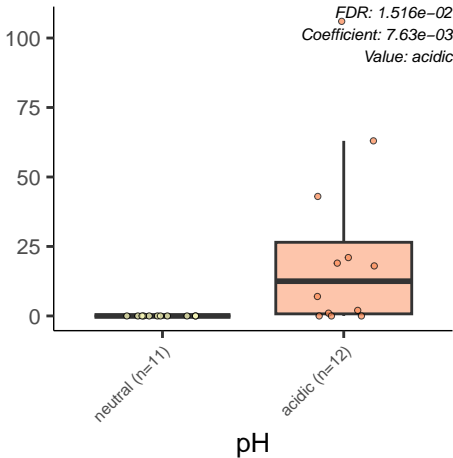
neutral (n=11)

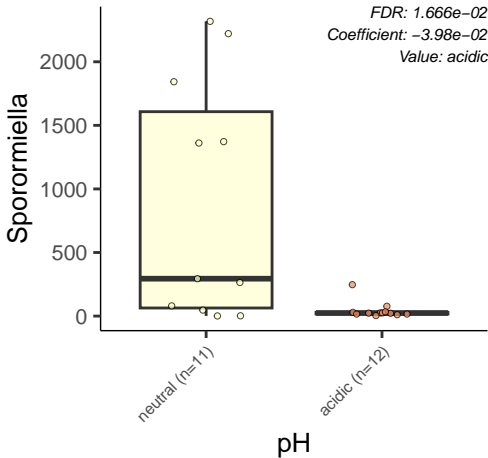
acidic (n=12)

pH



Fayodia





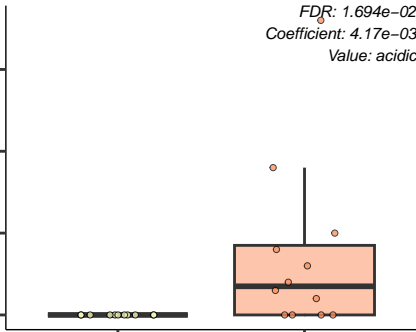
Gymnopilus

FDR: 1.694e-02
Coefficient: 4.17e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Diademospora

1000

500

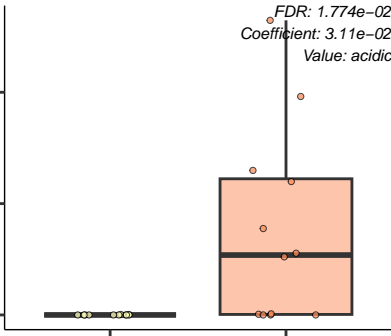
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.774e-02
Coefficient: 3.11e-02
Value: acidic



Helvella

FDR: 1.774e-02

Coefficient: -2.94e-02

Value: acidic

1500

1000

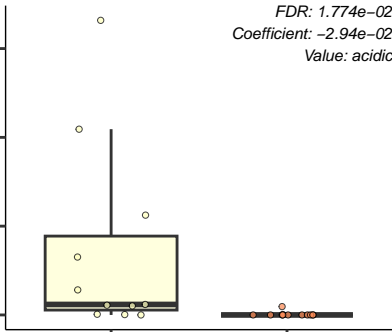
500

0

neutral (n=11)

acidic (n=12)

pH



Plectosphaerella

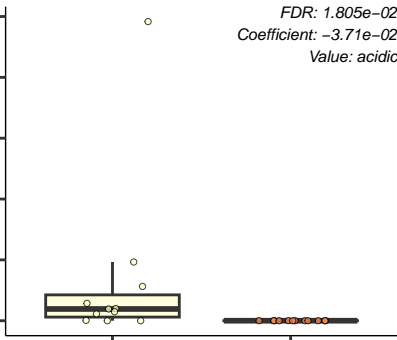
5000
4000
3000
2000
1000
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.805e-02
Coefficient: -3.71e-02
Value: acidic



Szygospora

1000

500

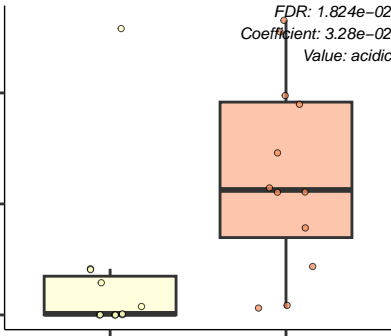
0

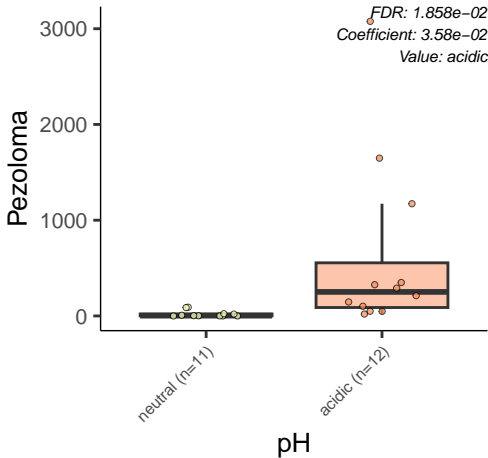
neutral (n=11)

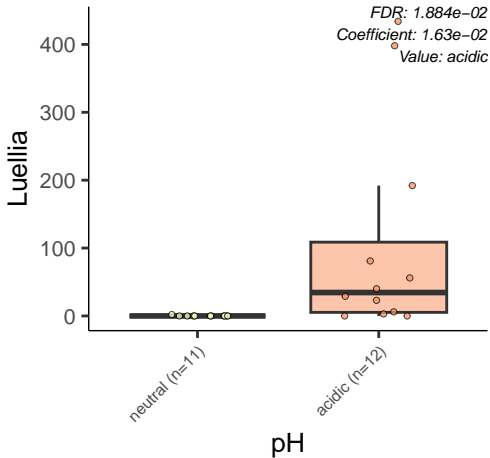
acidic (n=12)

pH

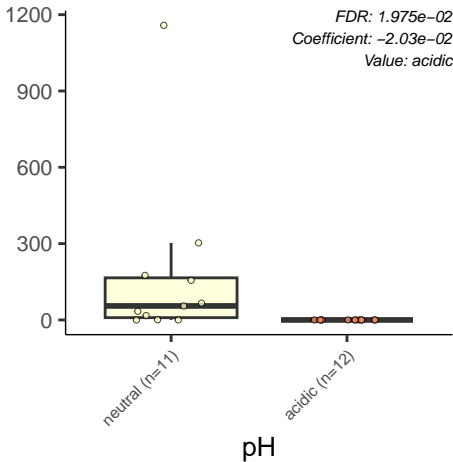
FDR: 1.824e-02
Coefficient: 3.28e-02
Value: acidic







Phomatospora



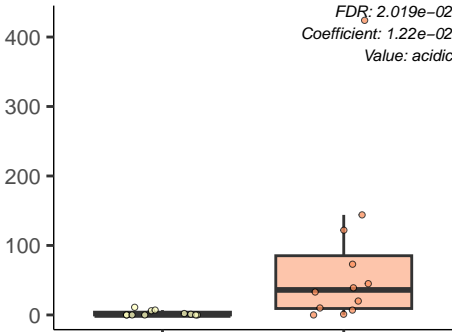
Dissophora

neutral (n=11)

acidic (n=12)

pH

FDR: 2.019e-02
Coefficient: 1.22e-02
Value: acidic



Krasilnikovozyma

FDR: 2.145e-02
Coefficient: 4.09e-03
Value: acidic

30

20

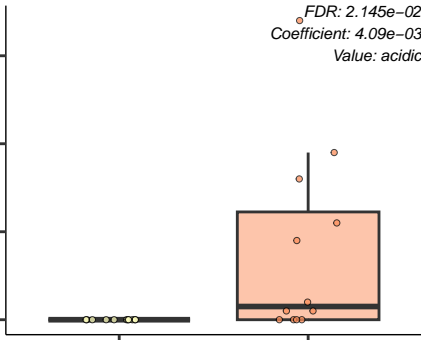
10

0

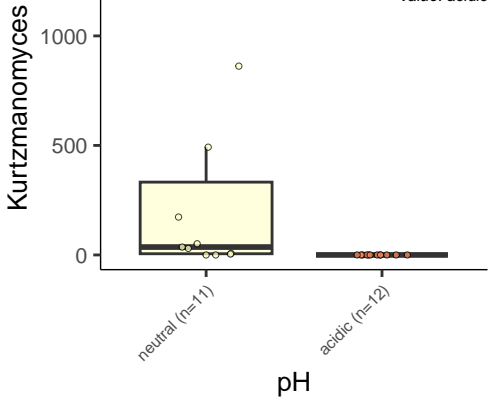
neutral (n=11)

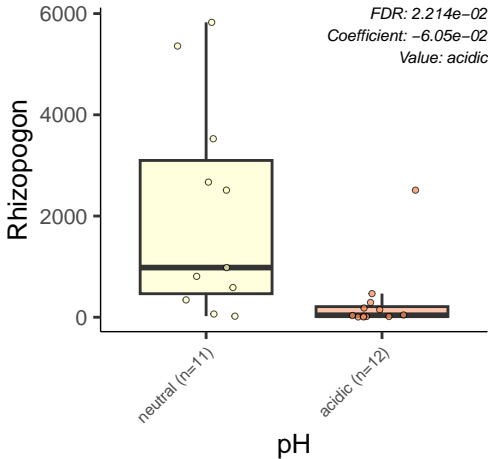
acidic (n=12)

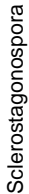
pH



Value: acidic







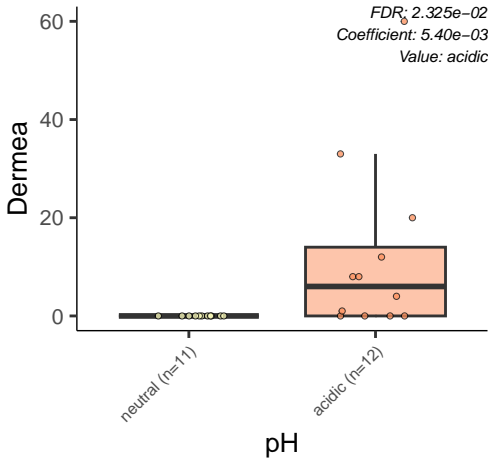
FDR: 2.259e-02

Coefficient: $-2.73e-02$

Value: acidic



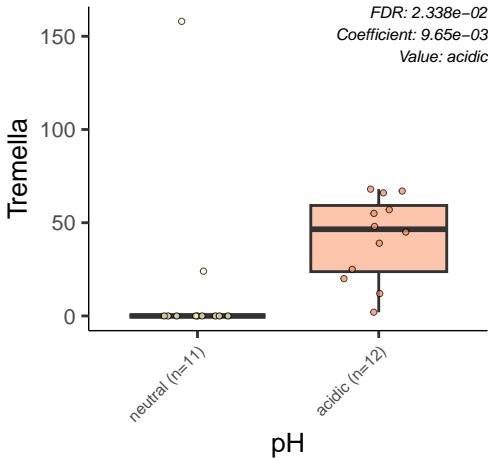
pH



Value: acidic

acidic ($n=12$)

pH



Tolypocladium

FDR: 2.376e-02
Coefficient: 3.18e-02
Value: acidic

2000

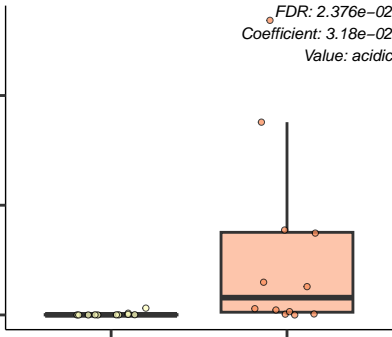
1000

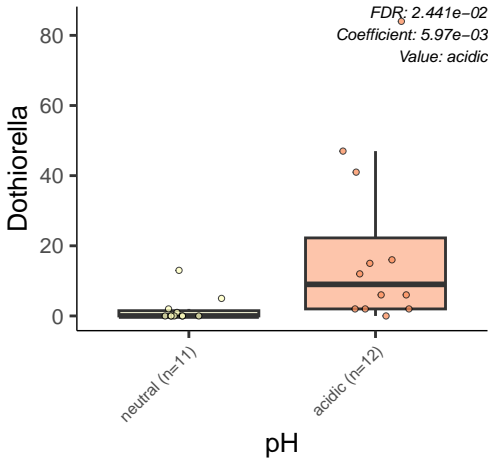
0

neutral (n=11)

acidic (n=12)

pH



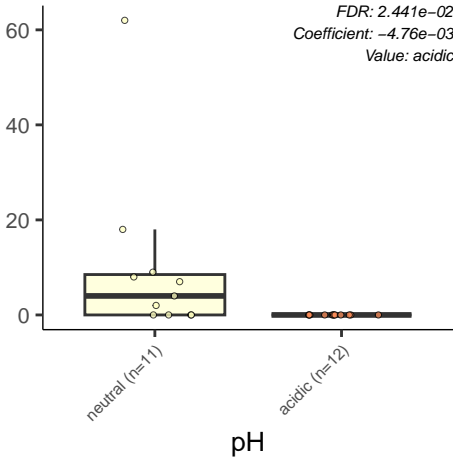




FDR: 2.441e-02

Coefficient: $-4.76e-03$

Value: acidic



60 -

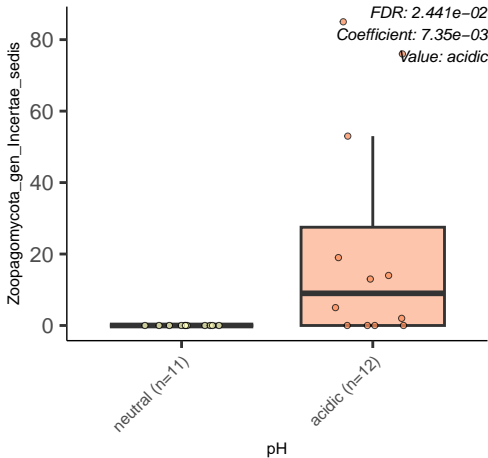
20 -

0 -

neutral (n=11)

acidic ($n=12$)

pH



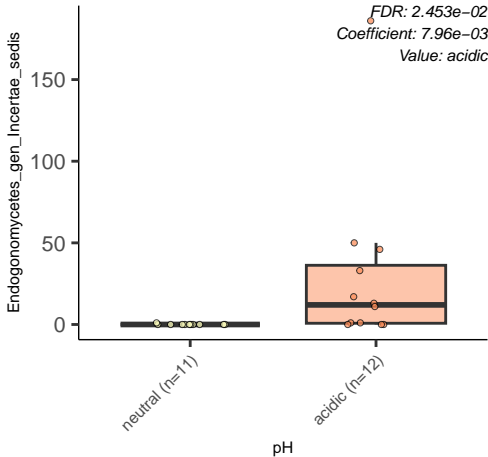
Endogonomycetes_gen_Incertae_sedis

FDR: 2.453e-02
Coefficient: 7.96e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Phaeotremella

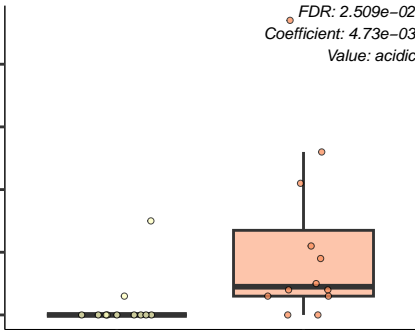
FDR: 2.509e-02
Coefficient: 4.73e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

40
30
20
10
0



Scolecolum

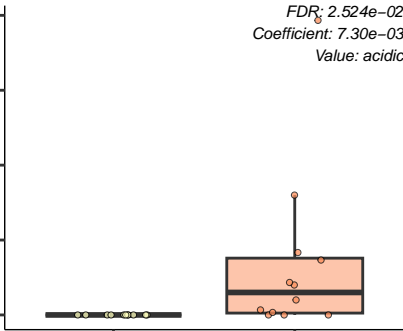
120
90
60
30
0

neutral (n=11)

acidic (n=12)

pH

FDR: 2.524e-02
Coefficient: 7.30e-03
Value: acidic



Acrophialophora

FDR: 2.692e-02

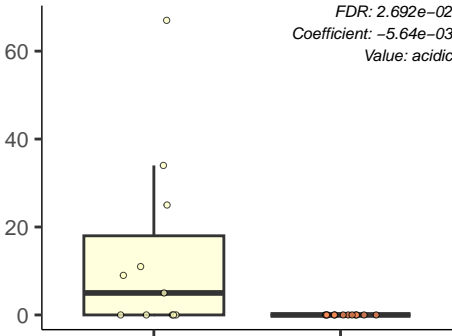
Coefficient: -5.64e-03

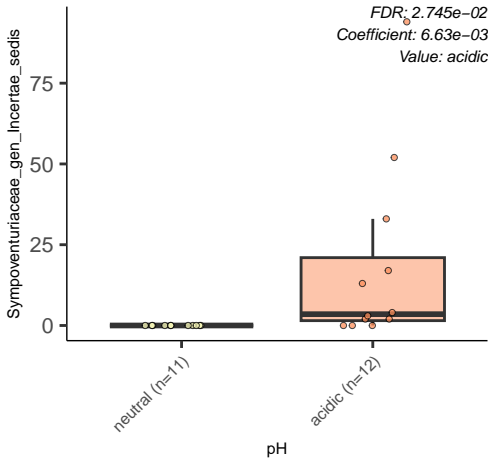
Value: acidic

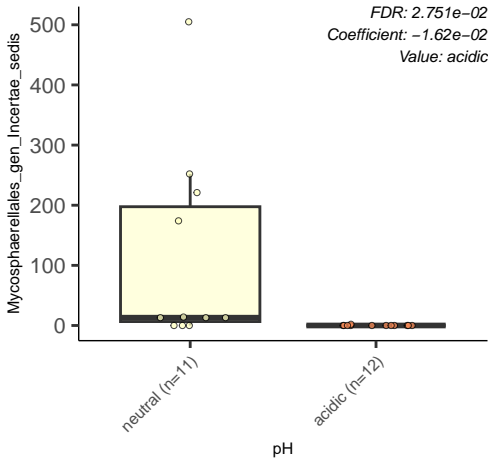
neutral (n=11)

acidic (n=12)

pH







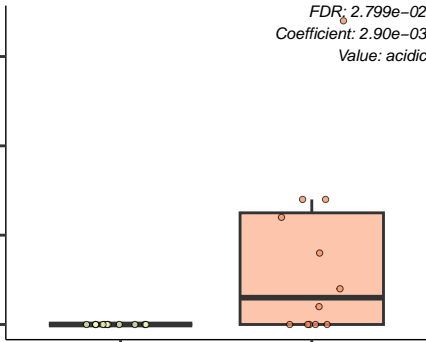
Hypocreaceae_gen_Incertae_sedis

FDR: $2.799\text{e-}02$
Coefficient: $2.90\text{e-}03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Entimomentora

FDR: 2.839e-02

Coefficient: -2.17e-02

Value: acidic

750

500

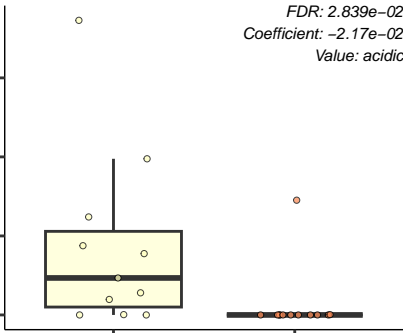
250

0

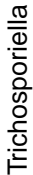
neutral (n=11)

acidic (n=12)

pH



Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Chlorenchocelia

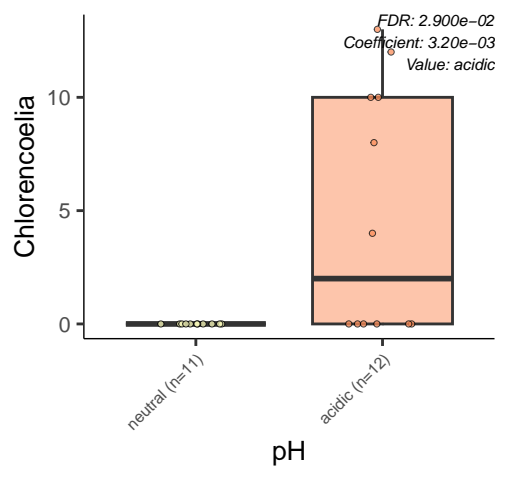
10
5
0

neutral (n=11)

acidic (n=12)

pH

FDR: 2.900e-02
Coefficient: 3.20e-03
Value: acidic



Lecythophora

FDR: 2.906e-02

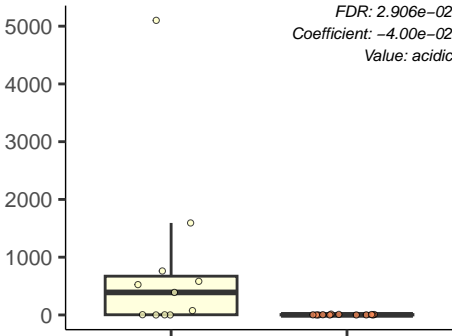
Coefficient: -4.00e-02

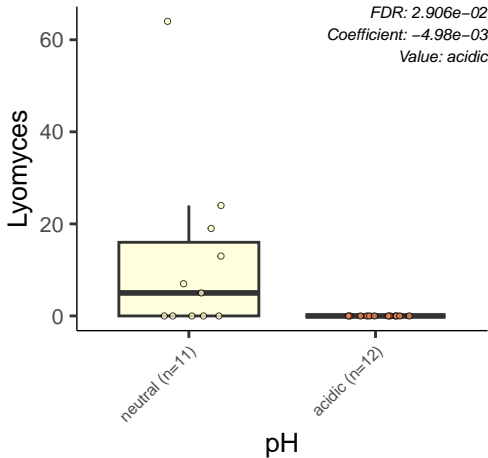
Value: acidic

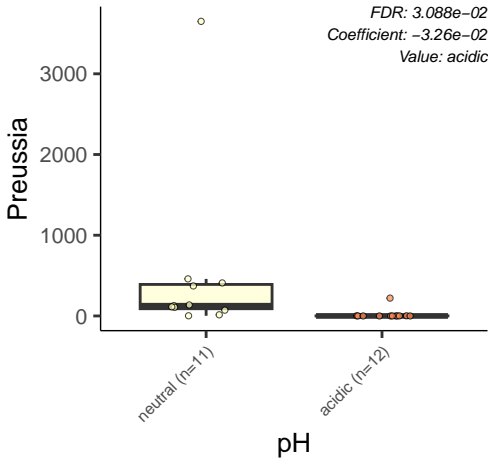
neutral (n=11)

acidic (n=12)

pH







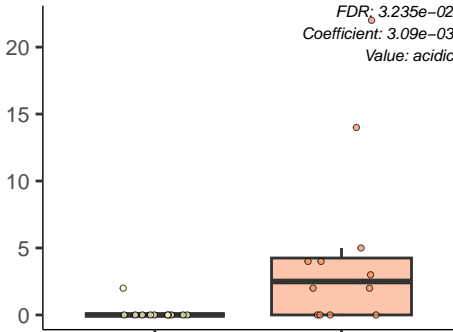
Yamadamyces

FDR: 3.235e-02
Coefficient: 3.09e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



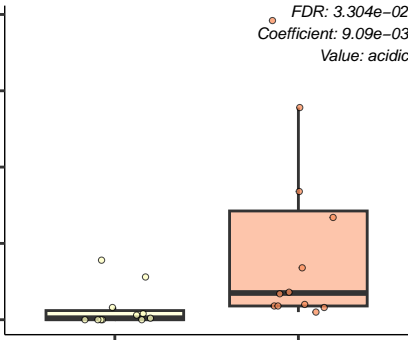
Pseudogymnoascus

FDR: 3.304e-02
Coefficient: 9.09e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Calycellina

neutral (n=11)

acidic (n=12)

pH

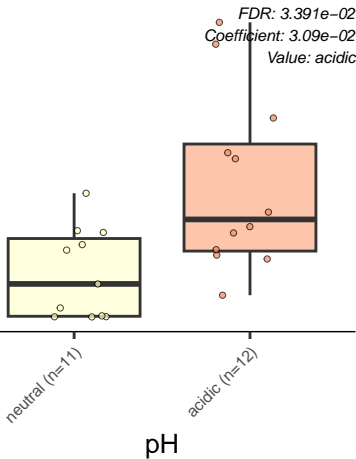
FDR: 3.342e-02
Coefficient: 4.20e-03
Value: acidic

20

10

0

Babjevia



Scleroconidioma

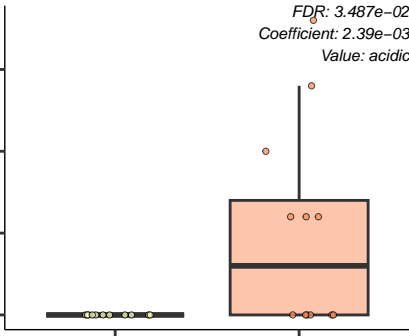
FDR: 3.487e-02
Coefficient: 2.39e-03
Value: acidic

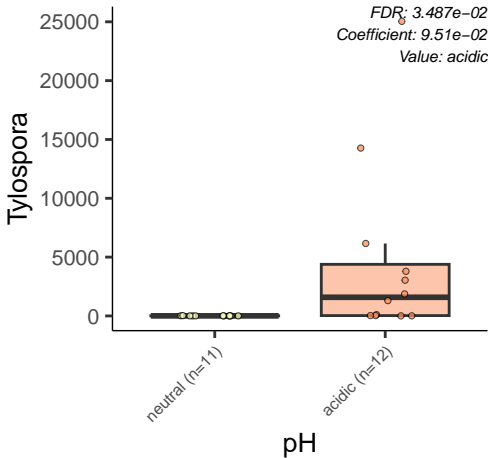
neutral (n=11)

acidic (n=12)

pH

7.5
5.0
2.5
0.0





Bicornispora

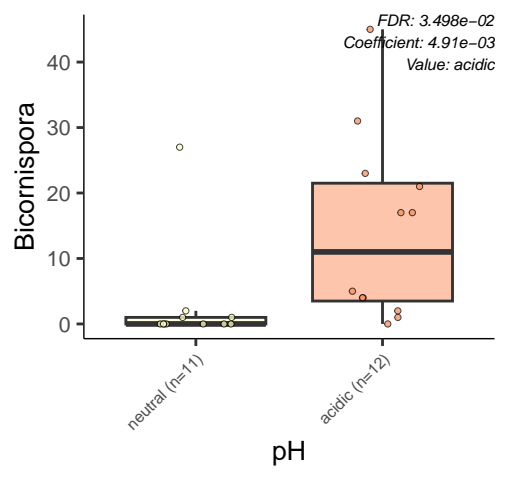
neutral (n=11)

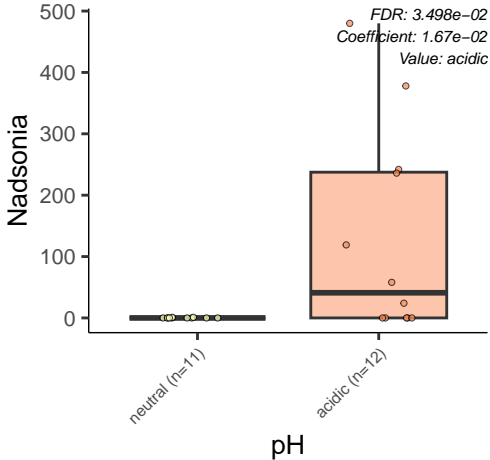
acidic (n=12)

pH

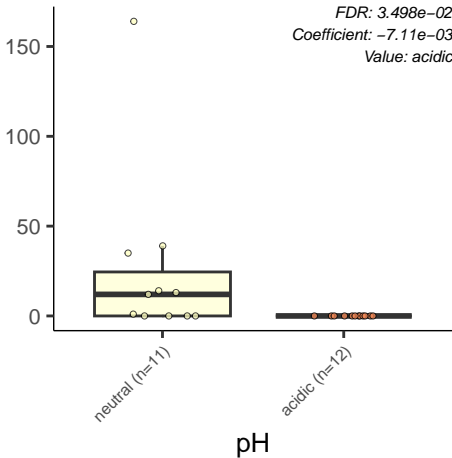
FDR: 3.498×10^{-2}
Coefficient: 4.91×10^{-3}
Value: acidic

40
30
20
10
0





Rhizophagus



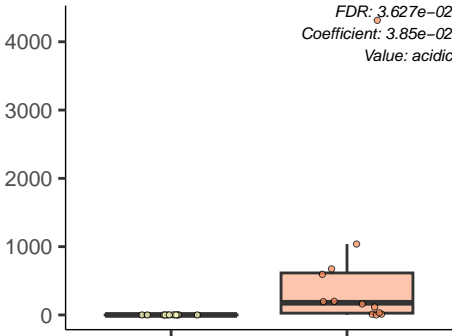
Pseudoplectania

FDR: 3.627e-02
Coefficient: 3.85e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Slooffia

neutral (n=11)

acidic (n=12)

pH

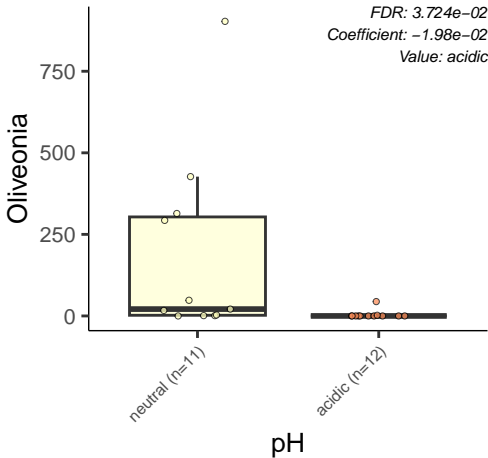
FDR: $3.627e-02$
Coefficient: $1.93e-03$
Value: acidic

6

4

2

0



Ophiocordycipitaceae_gen_Incertae_sedis

40

20

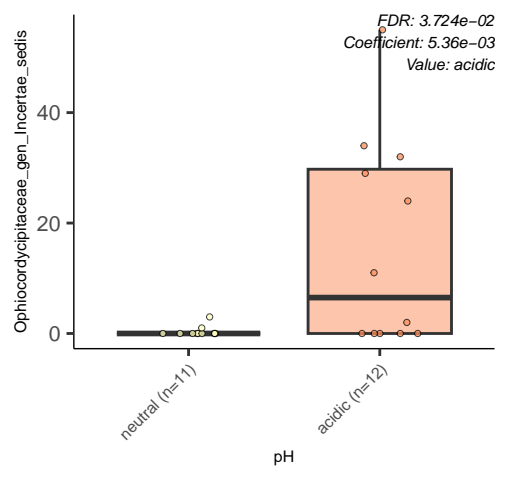
0

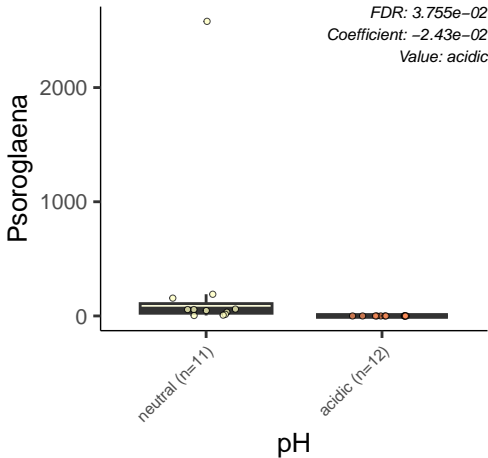
neutral (n=11)

acidic (n=12)

pH

FDR: $3.724e-02$
Coefficient: $5.36e-03$
Value: acidic





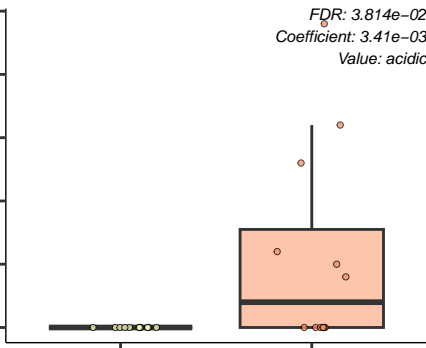
Dermateaceae_gen_Incertae_sedis

FDR: 3.814e-02
Coefficient: 3.41e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Genolevuria

200

150

100

50

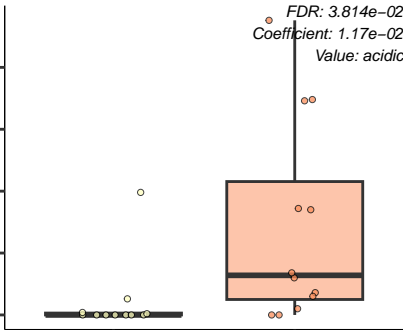
0

neutral (n=11)

acidic (n=12)

pH

FDR: 3.814×10^{-2}
Coefficient: 1.17×10^{-2}
Value: acidic



Herpotrichiellaceae_gen_Incertae_sedis

FDR: 3.840e-02
Coefficient: 6.32e-02
Value: acidic

7500

5000

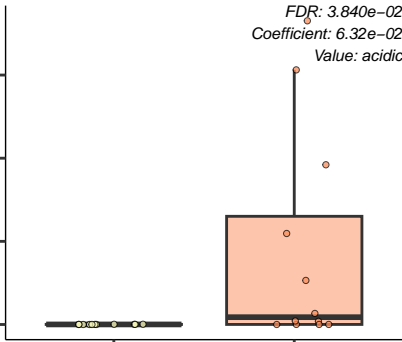
2500

0

neutral (n=11)

acidic (n=12)

pH



Sporidiobolales_gen_Incertae_sedis

FDR: 3.901e-02
Coefficient: 8.04e-03
Value: acidic

100

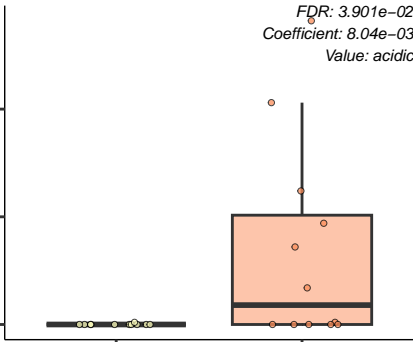
50

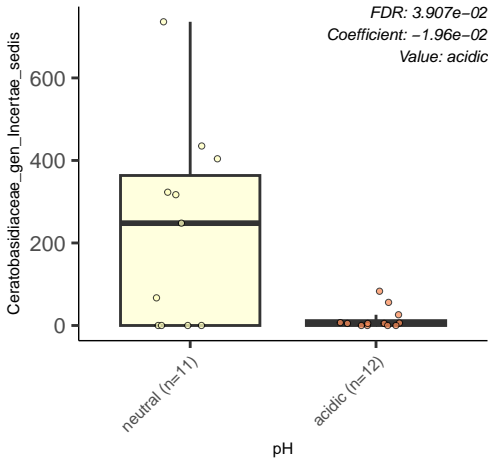
0

neutral (n=11)

acidic (n=12)

pH





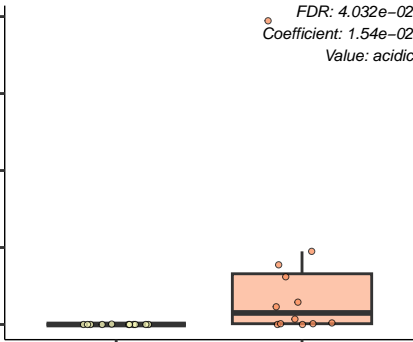
Auriculariales_gen_Incertae_sedis

FDR: 4.032e-02
Coefficient: 1.54e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



GS12_gen_Incertae_sedis

1500

1000

500

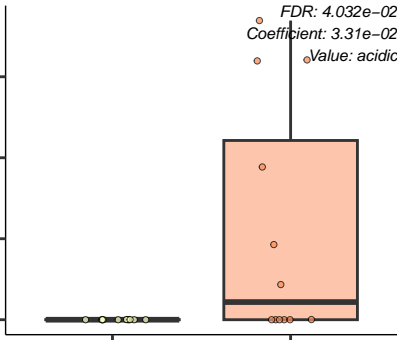
0

neutral (n=11)

acidic (n=12)

pH

FDR: 4.032e-02
Coefficient: 3.31e-02
Value: acidic



Kurtzmaniella

FDR: 4.032e-02

Coefficient: -8.80e-03

Value: acidic

200

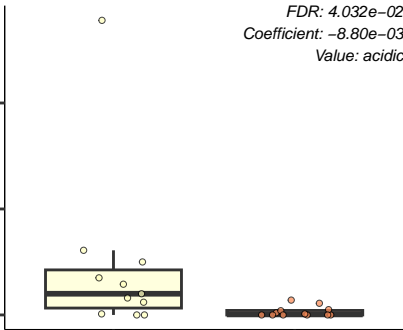
100

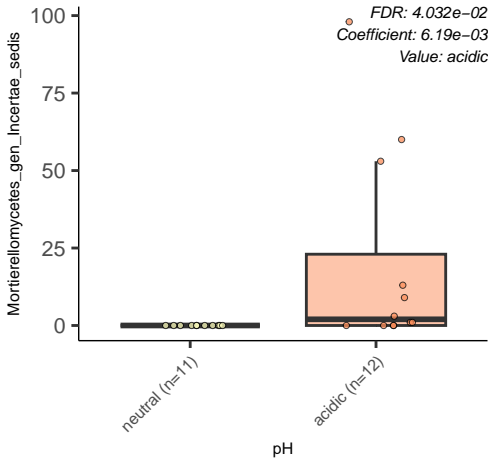
0

neutral (n=11)

acidic (n=12)

pH





Oidiodendron

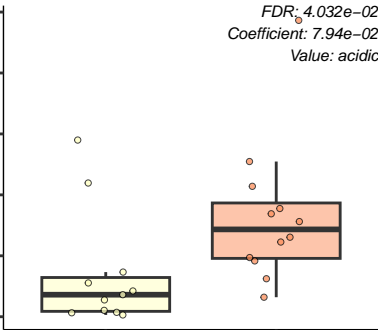
25000
20000
15000
10000
5000
0

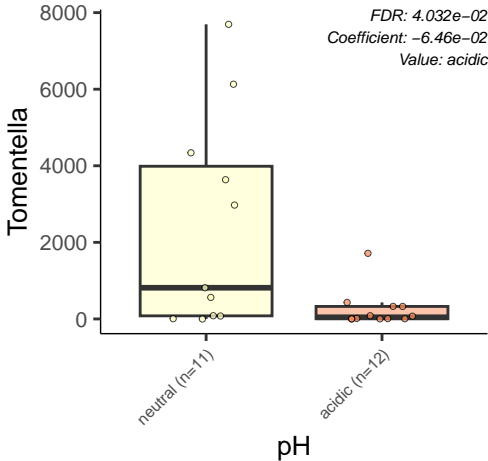
neutral (n=11)

acidic (n=12)

pH

FDR: 4.032e-02
Coefficient: 7.94e-02
Value: acidic



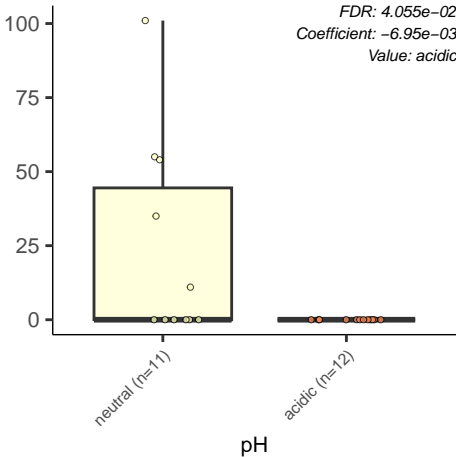


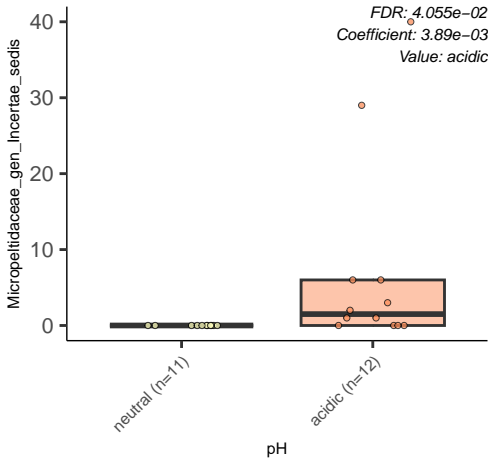


FDR: 4.055e-02

Coefficient: $-6.95e-03$

Value: acidic





Synnemapestaloides

FDR: $4.055e-02$
Coefficient: $1.09e-02$
Value: acidic

300

200

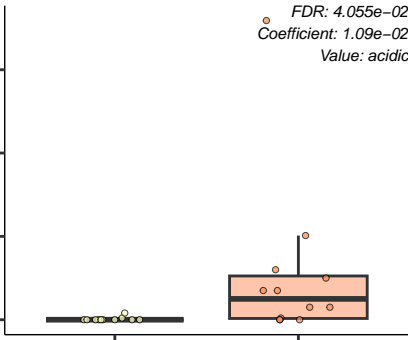
100

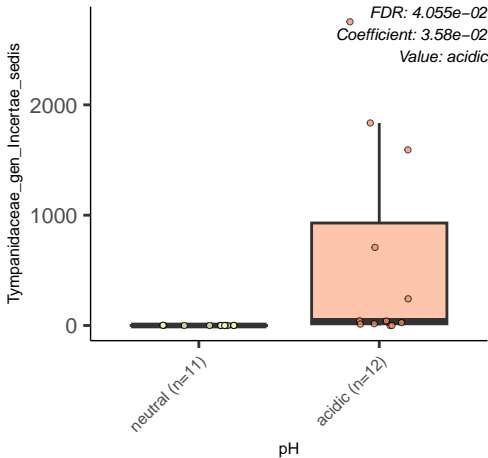
0

neutral (n=11)

acidic (n=12)

pH





Branch01_gen_Incertae_sedis

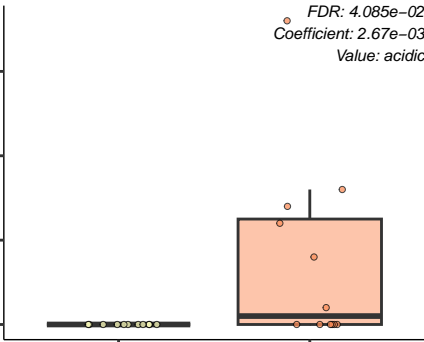
FDR: 4.085e-02
Coefficient: 2.67e-03
Value: acidic

15
10
5
0

neutral (n=11)

acidic (n=12)

pH



Ochroconis

FDR: 4.187e-02

Coefficient: -1.96e-02

Value: acidic

1000

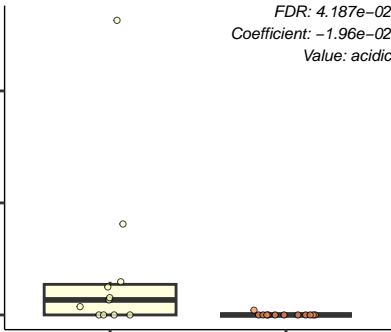
500

0

neutral (n=11)

acidic (n=12)

pH



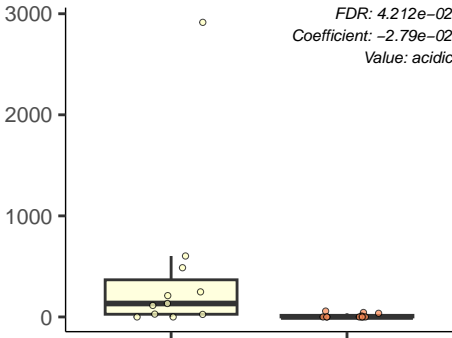
Ceratobasidium

neutral (n=11)

acidic (n=12)

pH

FDR: 4.212e-02
Coefficient: -2.79e-02
Value: acidic



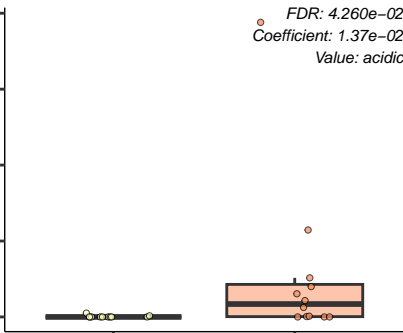
Chaetosphaeria

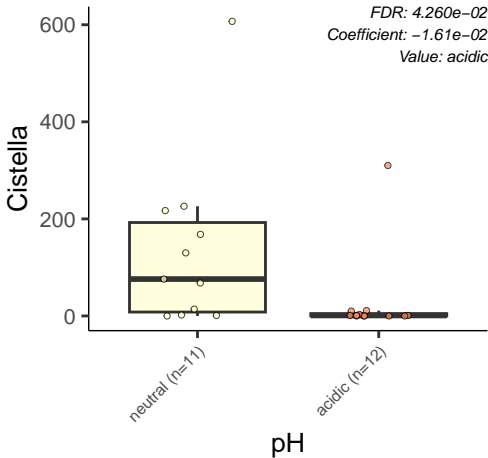
FDR: $4.260e-02$
Coefficient: $1.37e-02$
Value: acidic

neutral (n=11)

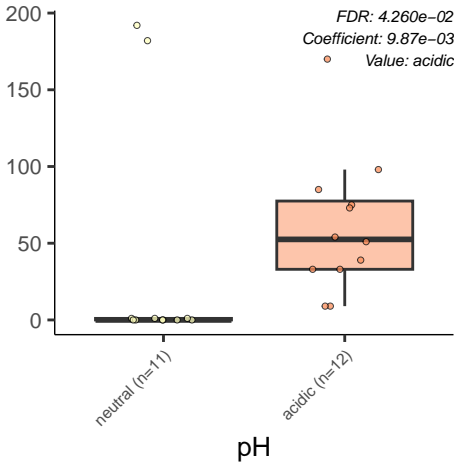
acidic (n=12)

pH





Tyrannosorus



Pezizomycotina_gen_Incertae_sedis

FDR: 4.382e-02
Coefficient: 1.66e-02
Value: acidic

400

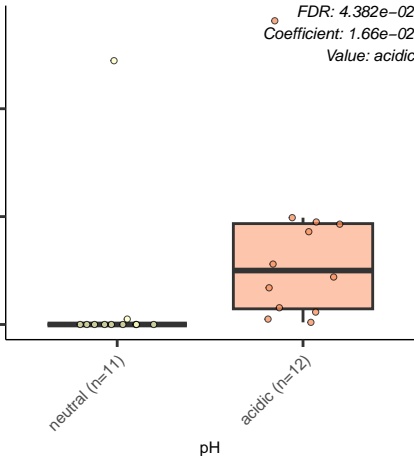
200

0

neutral (n=11)

acidic (n=12)

pH



Cryptococcus

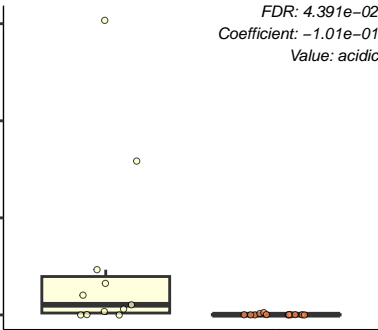
30000
20000
10000
0

neutral (n=11)

acidic (n=12)

pH

FDR: 4.391e-02
Coefficient: -1.01e-01
Value: acidic



Cladosporium

FDR: 4.414e-02

Coefficient: -8.40e-02

Value: acidic

15000

10000

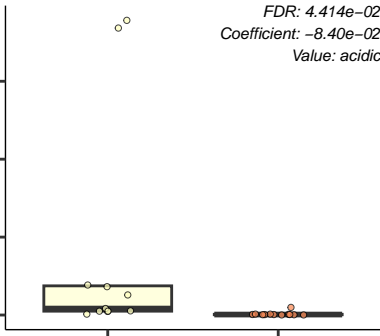
5000

0

neutral (n=11)

acidic (n=12)

pH



Endogonales_gen_Incertae_sedis

FDR: 4.414e-02
Coefficient: 4.62e-03
Value: acidic

60

40

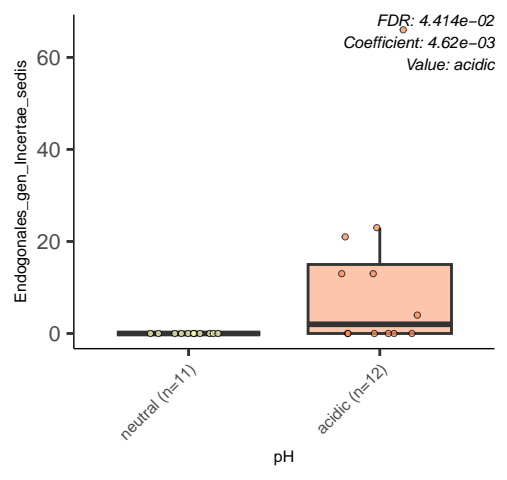
20

0

neutral (n=11)

acidic (n=12)

pH



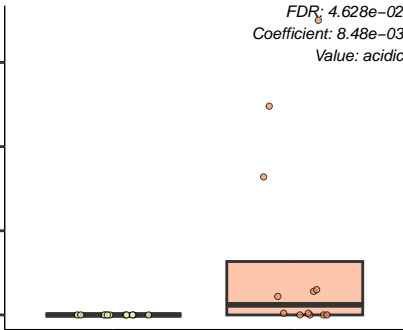
Coccomyces

FDR: 4.628e-02
Coefficient: 8.48e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



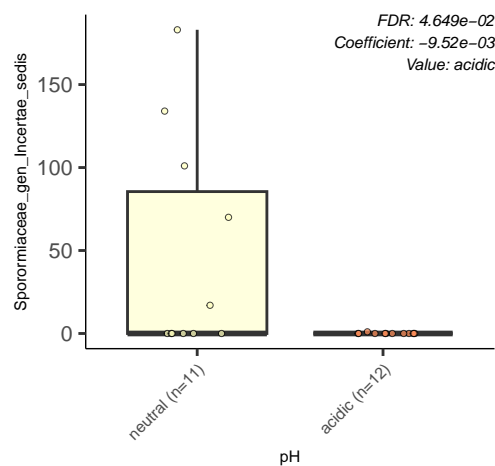
Sporormiaceae_gen_Incertae_sedis

FDR: 4.649e-02
Coefficient: -9.52e-03
Value: acidic

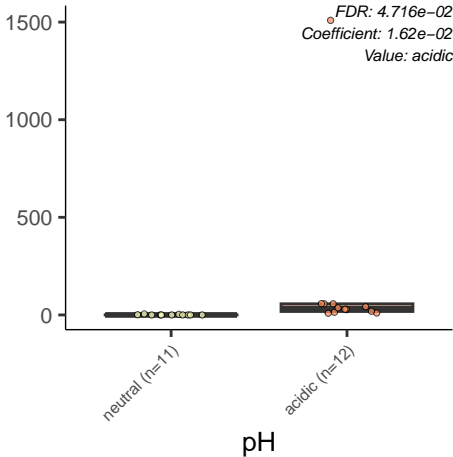
neutral (n=11)

acidic (n=12)

pH



Phacidium



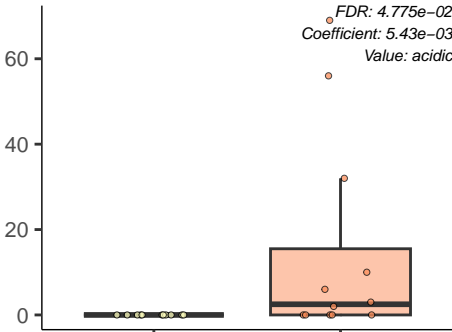
Micarea

FDR: 4.775e-02
Coefficient: 5.43e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Venturia

1000

500

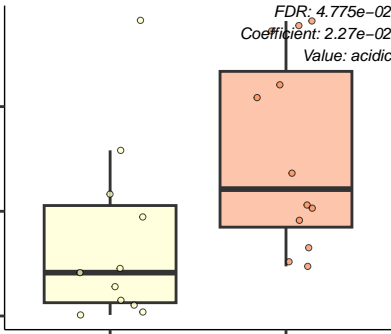
0

neutral (n=11)

acidic (n=12)

pH

FDR: $4.775e-02$
Coefficient: $2.27e-02$
Value: acidic



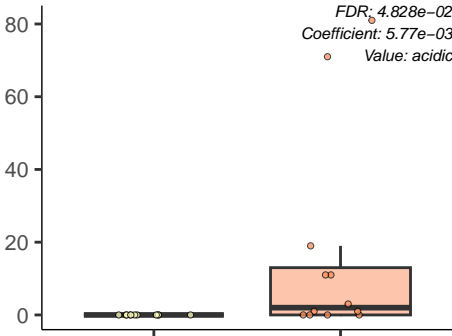
Haplographium

neutral (n=11)

acidic (n=12)

pH

FDR: $4.828e-02$
Coefficient: $5.77e-03$
● Value: acidic



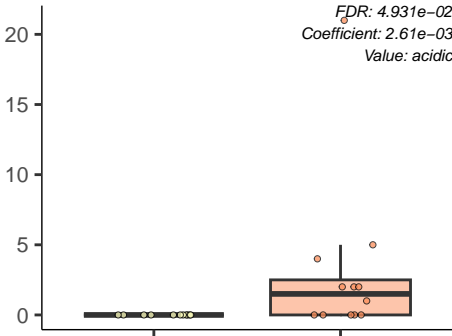
Aphanocladium

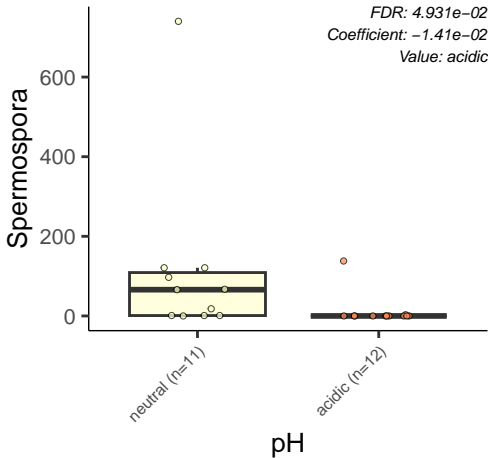
FDR: $4.931e-02$
Coefficient: $2.61e-03$
Value: acidic

neutral (n=11)

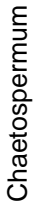
acidic (n=12)

pH





Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

GS08_gen_Incertae_sedis

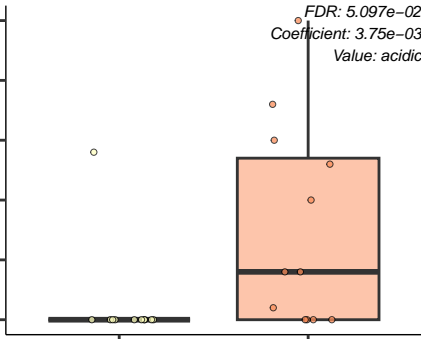
25
20
15
10
5
0

neutral (n=11)

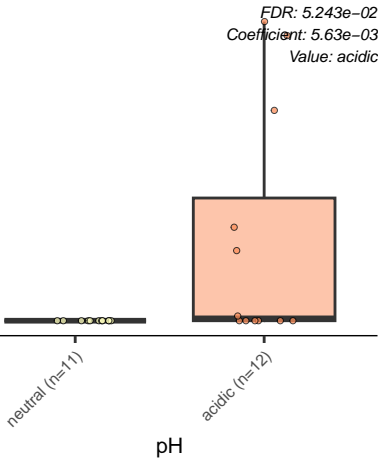
acidic (n=12)

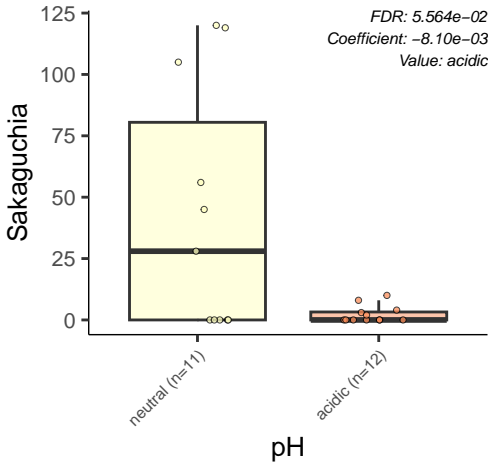
pH

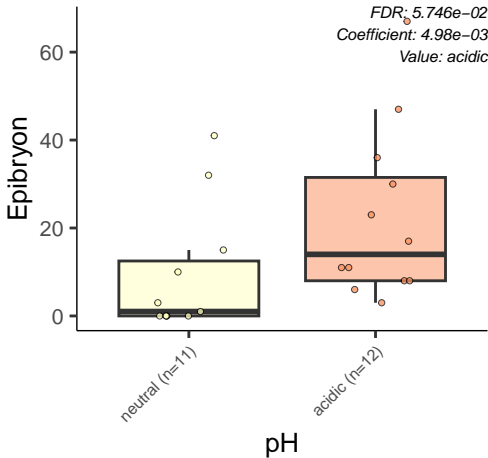
FDR: $5.097e-02$
Coefficient: $3.75e-03$
Value: acidic



Ballistosporomyces







Trichoderma

FDR: 5.986e-02

Coefficient: -3.42e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH

5000

4000

3000

2000

1000

0

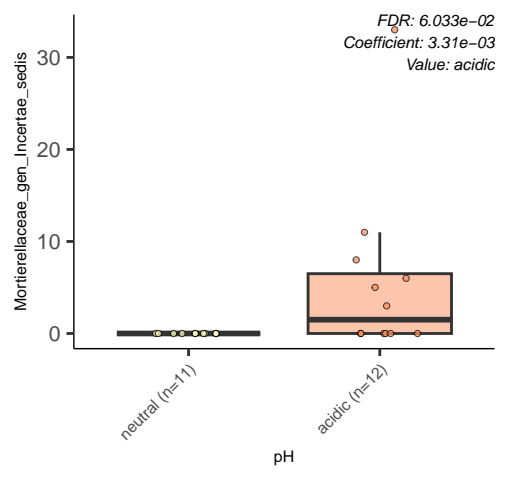
Mortierellaceae_gen_Incertae_sedis

FDR: 6.033e-02
Coefficient: 3.31e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Hyaloscypha

20000

10000

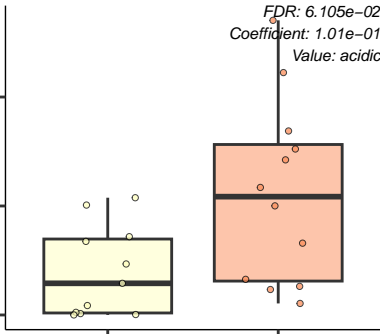
0

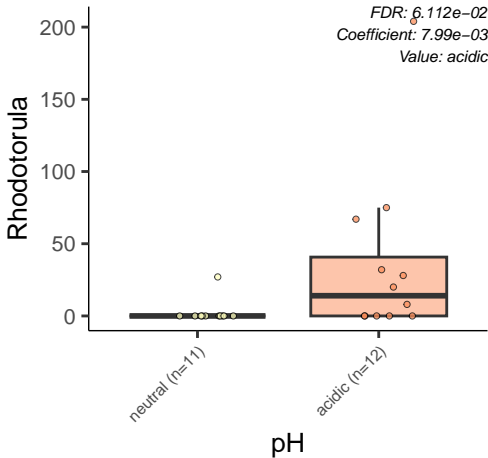
neutral (n=11)

acidic (n=12)

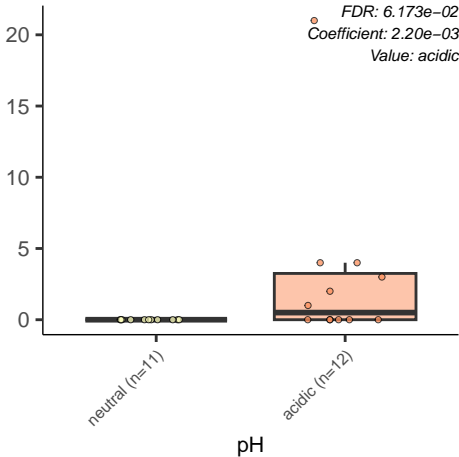
pH

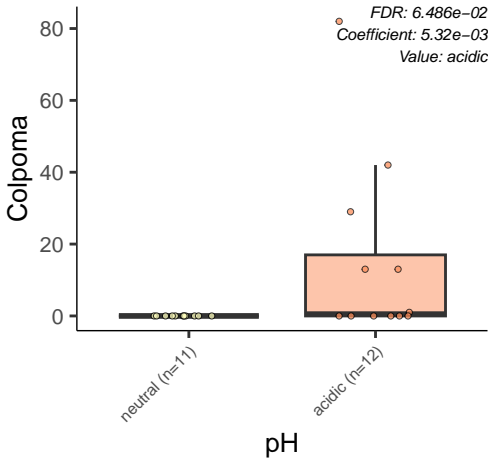
FDR: 6.105e-02
Coefficient: 1.01e-01
Value: acidic

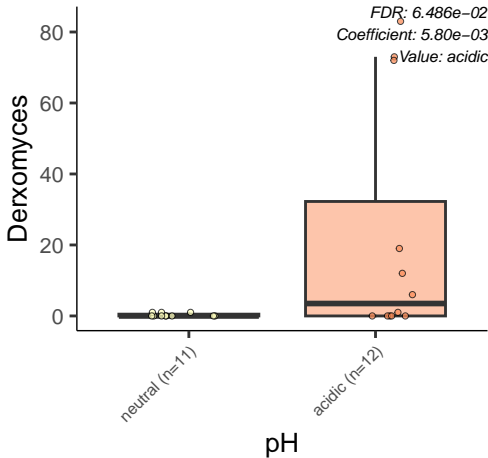


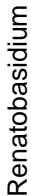


Davidhawksworthia









FDR: 6.486e-02
Coefficient: 5.91e-03
Value: acidic

neutral (n=11)

acidic ($n=12$)

pH



FDR: 6.511e-02

Coefficient: $-3.48e-02$

Value: acidic



pH

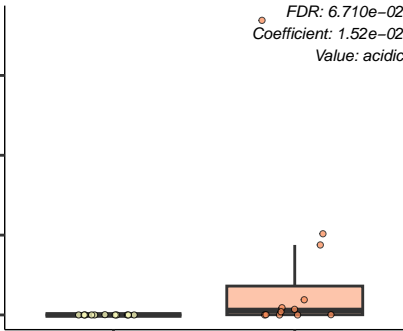
Ceraceomyces

FDR: $6.710e-02$
Coefficient: $1.52e-02$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Byssoporia

FDR: 6.713e-02
Coefficient: 2.20e-03
Value: acidic

10

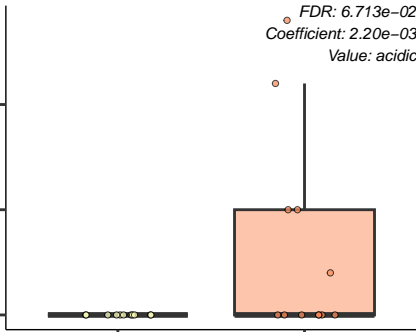
5

0

neutral (n=11)

acidic (n=12)

pH



Thaxterogaster

FDR: 6.713e-02
Coefficient: 1.85e-02
Value: acidic

neutral (n=11)

acidic (n=12)

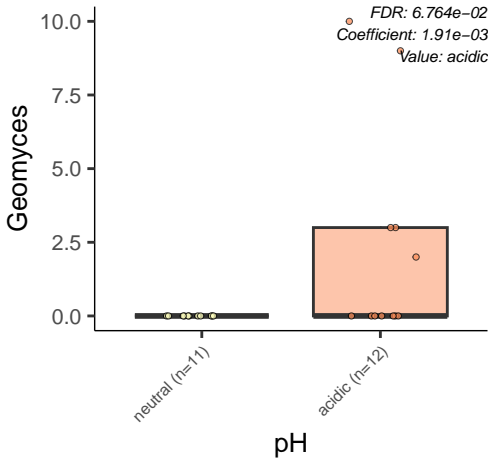
pH

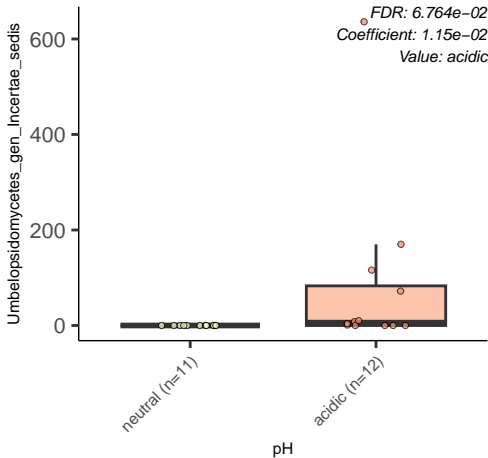
1500

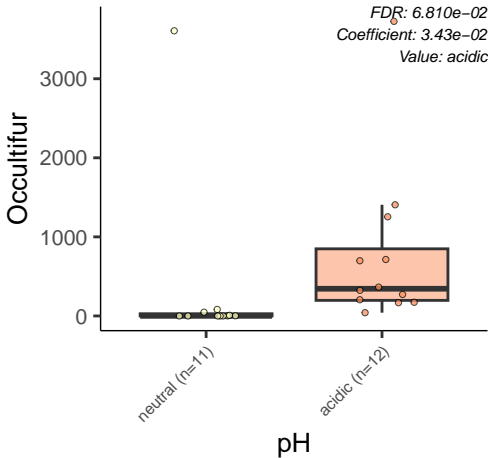
1000

500

0







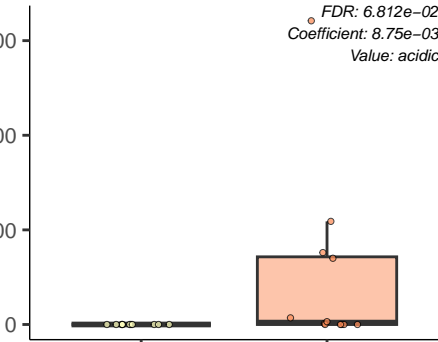
Auriculariaceae_gen_Incertae_sedis

FDR: $6.812e-02$
Coefficient: $8.75e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Eurotiales_gen_Incertae_sedis

FDR: 6.815e-02
Coefficient: 1.20e-02
Value: acidic

400

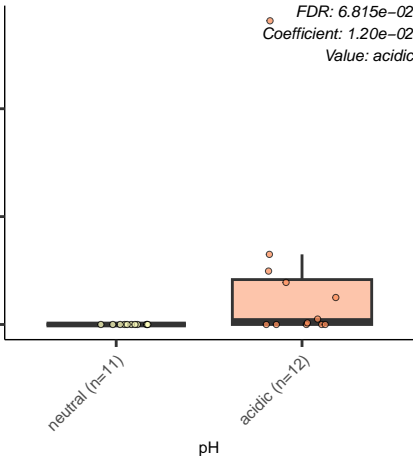
200

0

neutral (n=11)

acidic (n=12)

pH



Myrothecium

FDR: 6.815e-02

Coefficient: -9.43e-03

Value: acidic

neutral (n=11)

acidic (n=12)

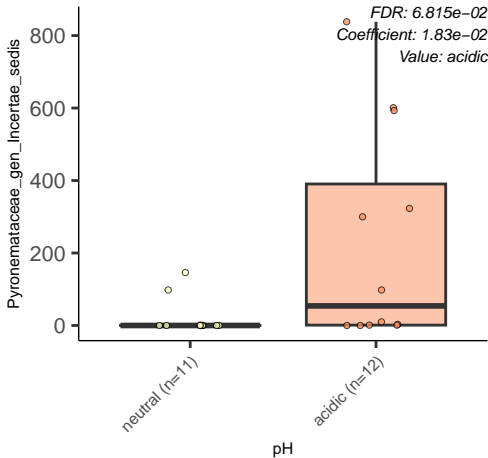
pH

300

200

100

0



Roesleria

FDR: 6.815e-02
Coefficient: 2.49e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

15

10

5

0

Clavaria

FDR: 6.937e-02
Coefficient: 4.71e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

7500

5000

2500

0

Sordariales_gen_Incertae_sedis

FDR: 7.009e-02
Coefficient: -9.79e-02
Value: acidic

20000

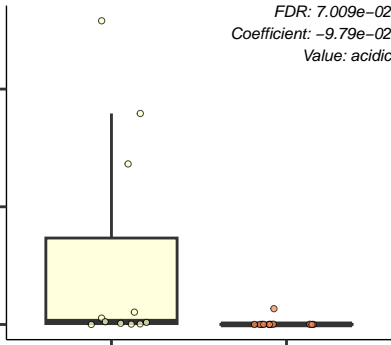
10000

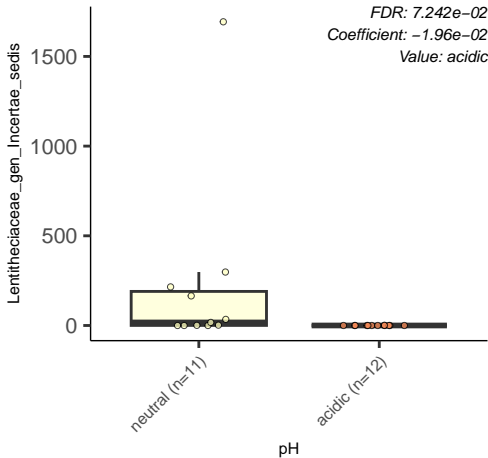
0

neutral (n=11)

acidic (n=12)

pH





Lipomycetaceae_gen_Incertae_sedis

FDR: 7.302e-02
Coefficient: 2.13e-03
Value: acidic

10

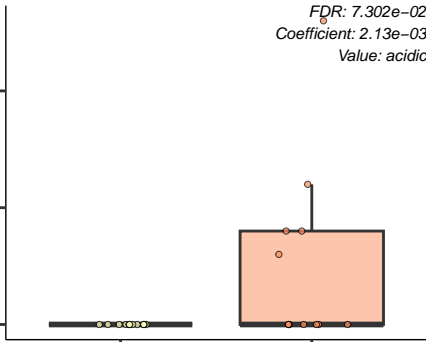
5

0

neutral (n=11)

acidic (n=12)

pH



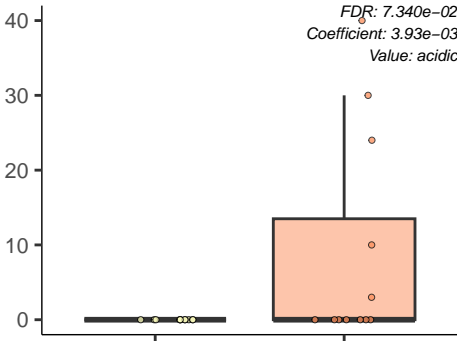
Perennicordyceps

FDR: 7.340e-02
Coefficient: 3.93e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Basidiobolus

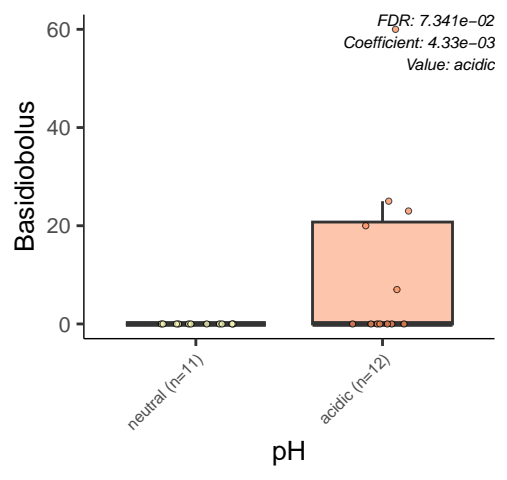
60
40
20
0

neutral (n=11)

acidic (n=12)

pH

FDR: 7.341e-02
Coefficient: 4.33e-03
Value: acidic



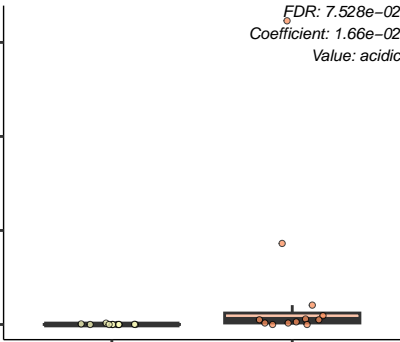
Filobasidiales_gen_Incertae_sedis

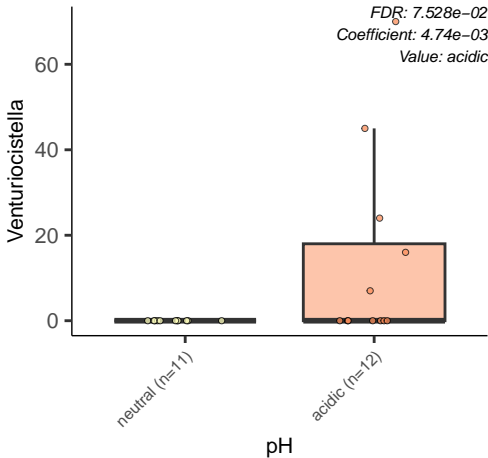
FDR: 7.528e-02
Coefficient: 1.66e-02
Value: acidic

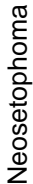
neutral (n=11)

acidic (n=12)

pH







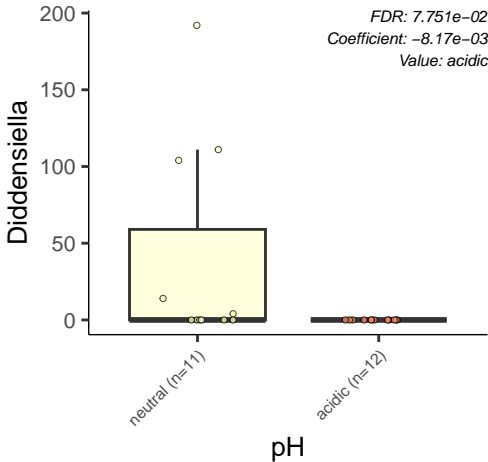
FDR: 7.592e-02

Coefficient: $-1.33e-02$

Value: acidic



pH



Drechmeria

FDR: 7.895e-02

Coefficient: -4.45e-03

Value: acidic

40

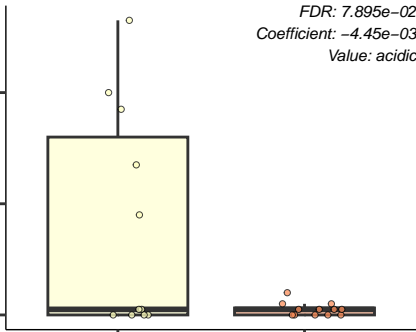
20

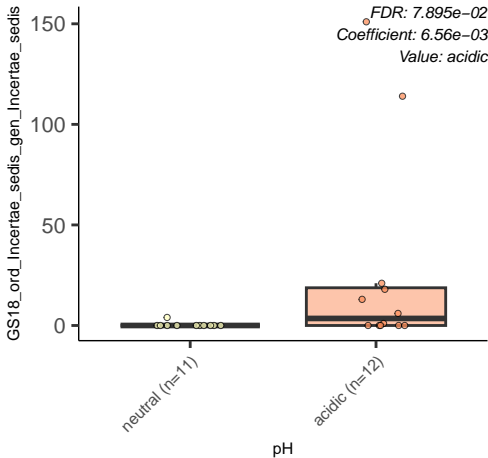
0

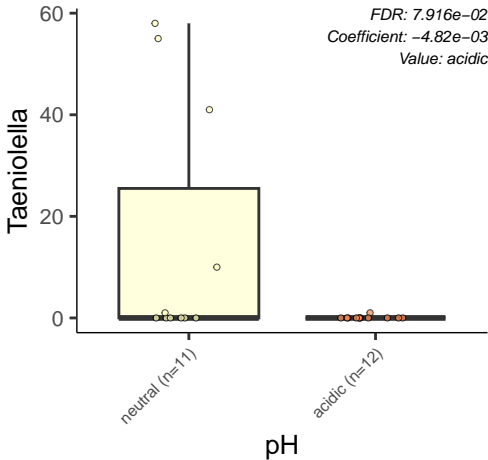
neutral (n=11)

acidic (n=12)

pH







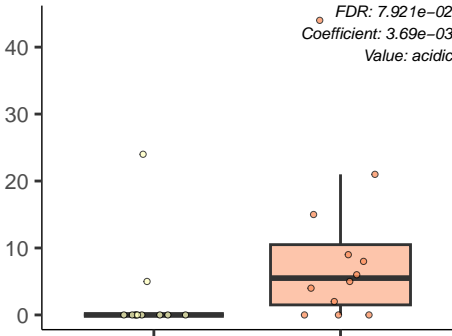
Pycnora

FDR: 7.921e-02
Coefficient: 3.69e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





FDR: 8.009e-02

Coefficient: $-7.49e-03$

Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Ascocorticism

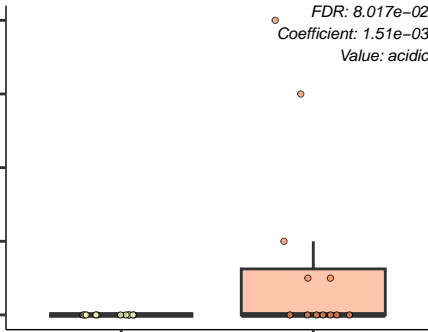
8
6
4
2
0

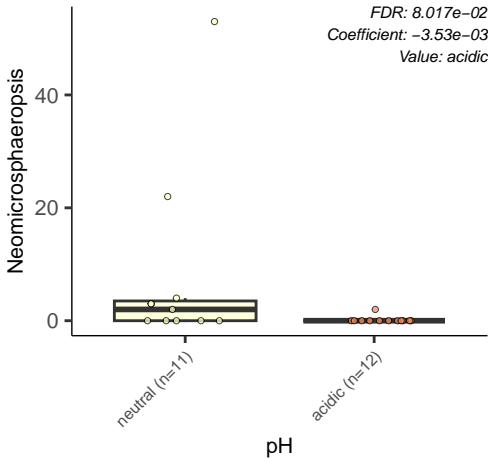
neutral (n=11)

acidic (n=12)

pH

FDR: 8.017e-02
Coefficient: 1.51e-03
Value: acidic





Bombardioidea

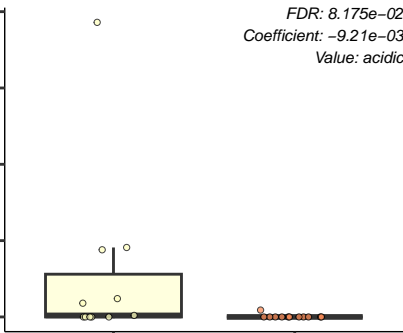
400
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.175e-02
Coefficient: -9.21e-03
Value: acidic



Mrakiaceae_gen_Incertae_sedis

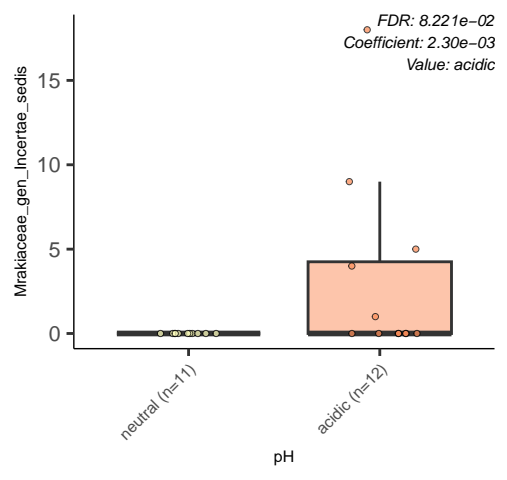
FDR: $8.221e-02$
Coefficient: $2.30e-03$
Value: acidic

15
10
5
0

neutral (n=11)

acidic (n=12)

pH



Myxozyma

10000

5000

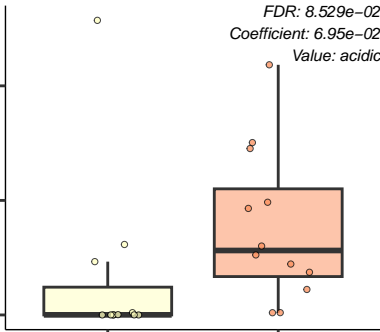
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.529e-02
Coefficient: 6.95e-02
Value: acidic



Peniophorella

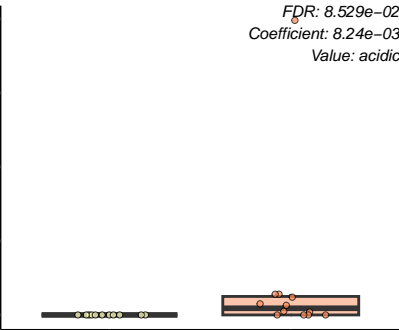
400
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.529e-02
Coefficient: 8.24e-03
Value: acidic



Claussenomyces

FDR: 8.551e-02
Coefficient: 1.18e-02
Value: acidic

400

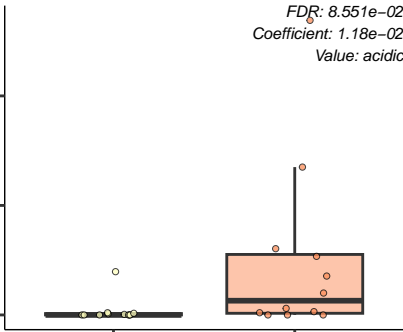
200

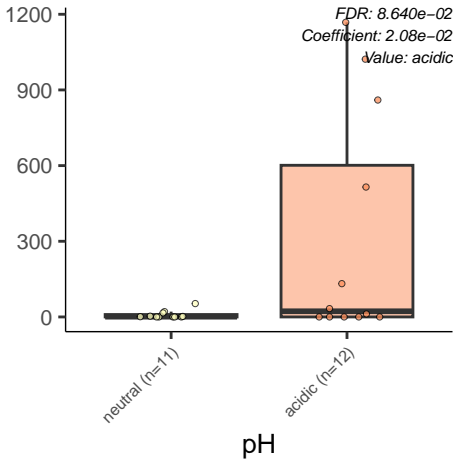
0

neutral (n=11)

acidic (n=12)

pH





Mollisia

FDR: 8.670e-02
Coefficient: 7.69e-03
Value: acidic

200

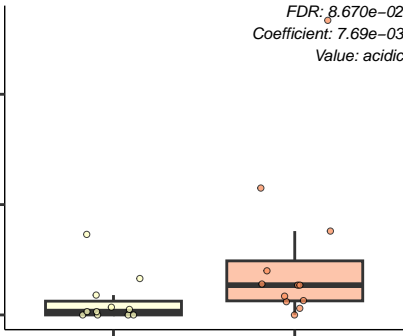
100

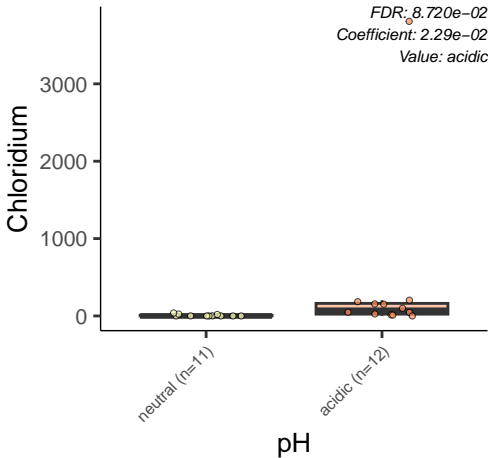
0

neutral (n=11)

acidic (n=12)

pH





Colletotrichum

FDR: $9.094e-02$

Coefficient: $-7.22e-03$

Value: acidic

200

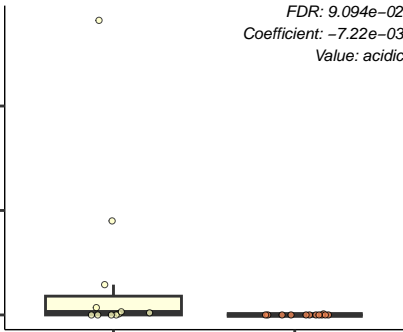
100

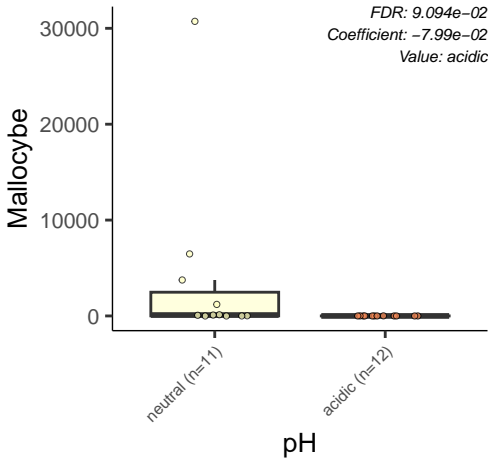
0

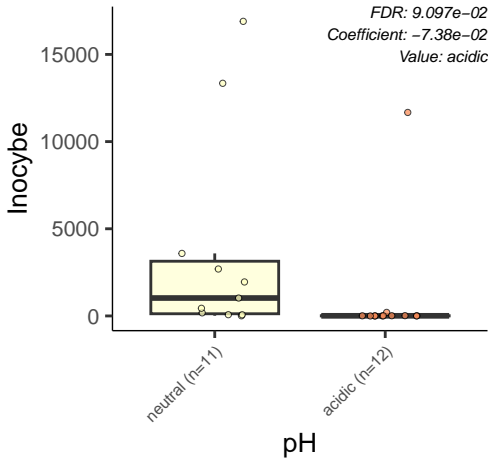
neutral (n=11)

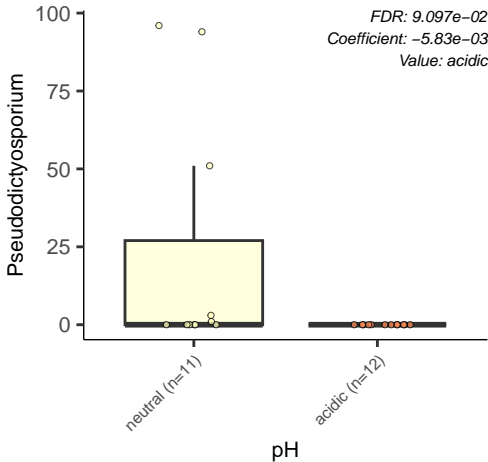
acidic (n=12)

pH









Pseudovalsaria

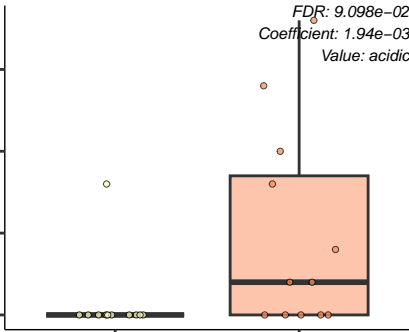
7.5
5.0
2.5
0.0

neutral (n=11)

acidic (n=12)

pH

FDR: 9.098e-02
Coefficient: 1.94e-03
Value: acidic

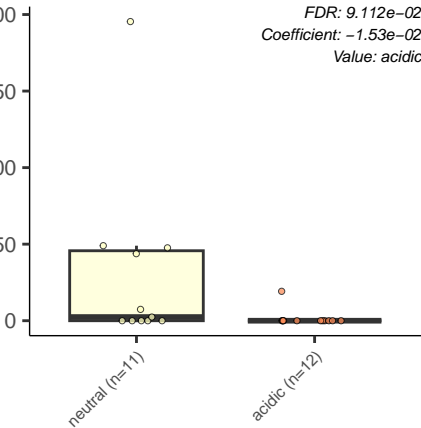




FDR: 9.112e-02

Coefficient: $-1.53e-02$

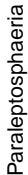
Value: acidic



neutral (n=11)

acidic ($n=12$)

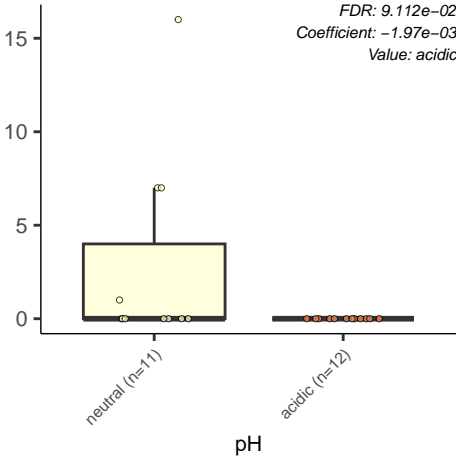
pH



FDR: 9.112e-02

Coefficient: $-1.97e-03$

Value: acidic



10 -

5.

0 -

neutral (n=11)

acidic ($n=12$)

pH

Zygorhynchus

FDR: 9.112e-02

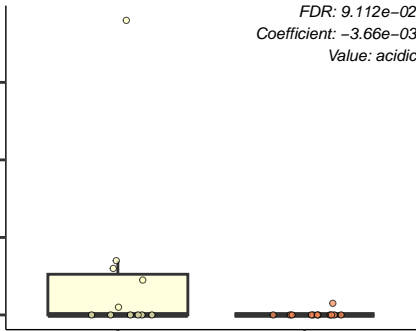
Coefficient: -3.66e-03

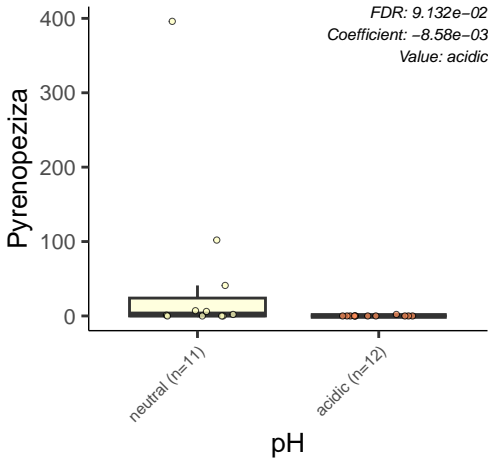
Value: acidic

neutral (n=11)

acidic (n=12)

pH





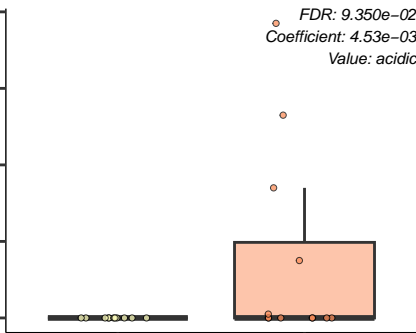
Rhizosphaera

FDR: 9.350e-02
Coefficient: 4.53e-03
Value: acidic

neutral (n=11)

acidic (n=12)

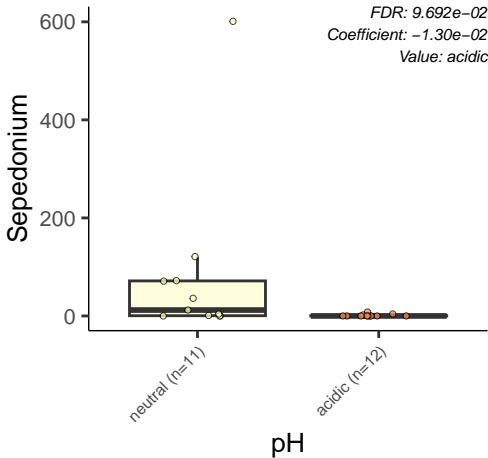
pH

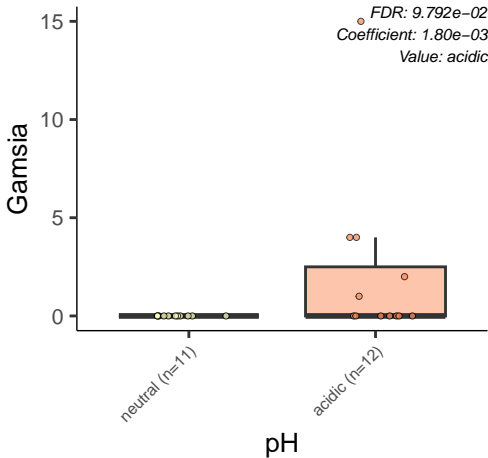


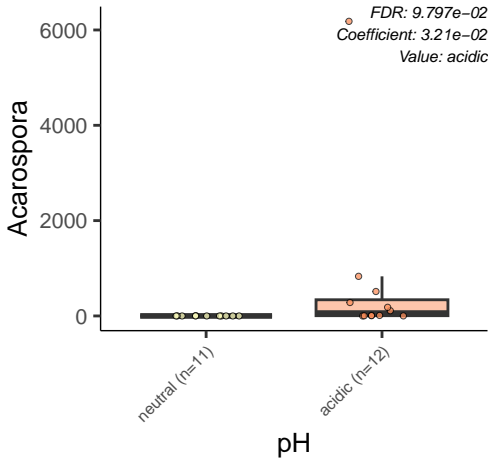
Value: acidic

acidic ($n=12$)

pH







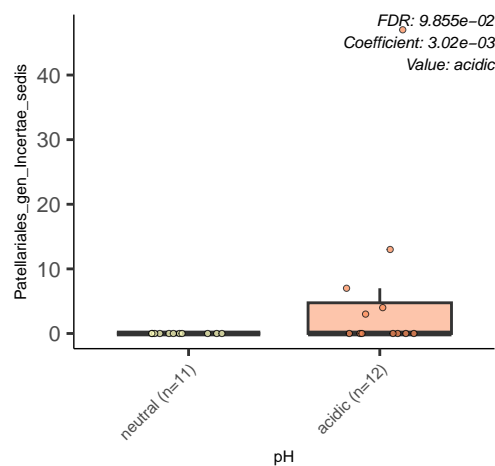
Patellariales_gen_Incertae_sedis

FDR: 9.855e-02
Coefficient: 3.02e-03
Value: acidic

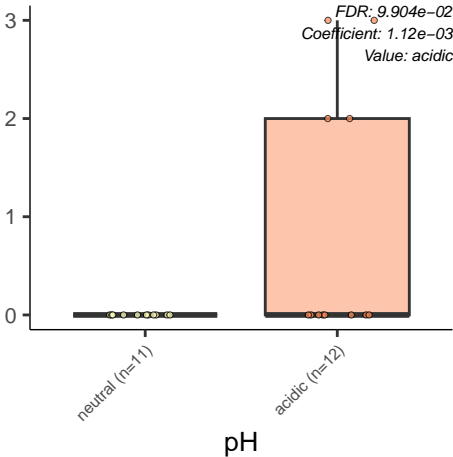
neutral (n=11)

acidic (n=12)

pH



Bannozyma



Pucciniales_gen_Incertae_sedis

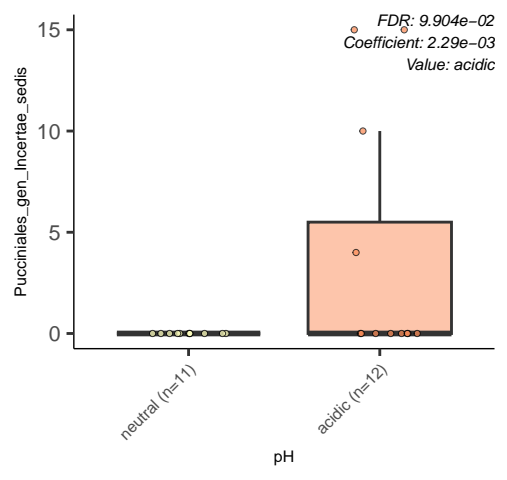
FDR: 9.904e-02
Coefficient: 2.29e-03
Value: acidic

15
10
5
0

neutral (n=11)

acidic (n=12)

pH



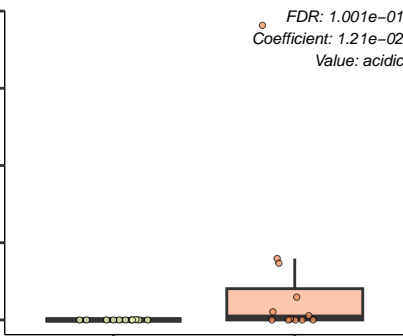
Gryganskiella

FDR: 1.001e-01
Coefficient: 1.21e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Dissoderma

FDR: 1.001e-01
Coefficient: 6.88e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

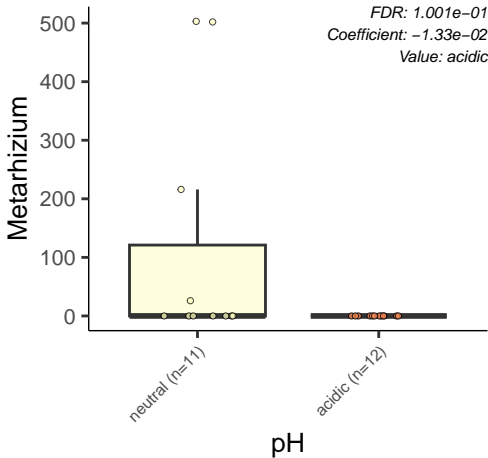
200

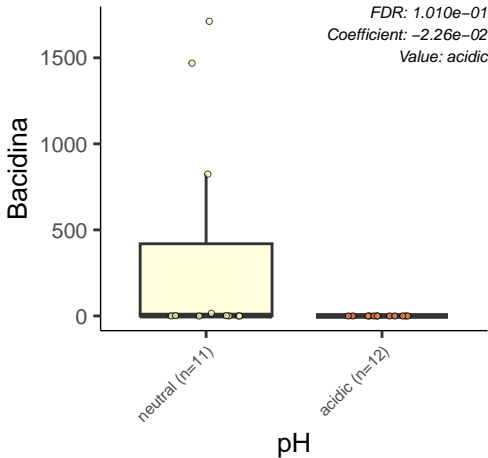
150

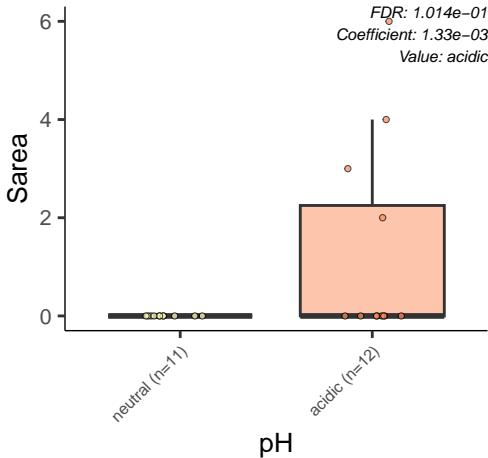
100

50

0







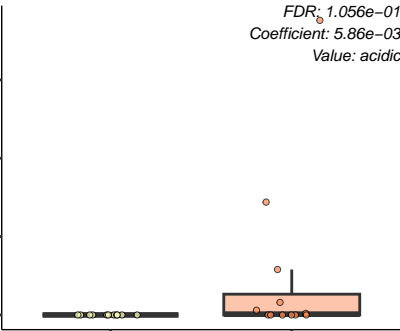
Basidioidendron

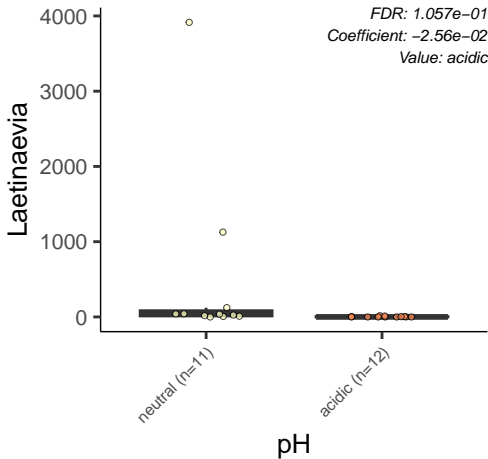
FDR: 1.056e-01
Coefficient: 5.86e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

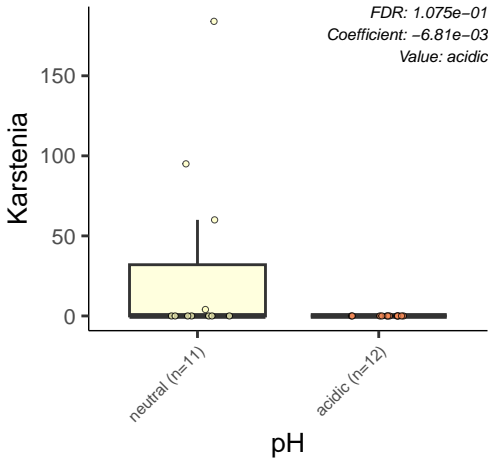




Value: acidic

acidic ($n=12$)

pH



Buckleyzyma

FDR: 1.081e-01

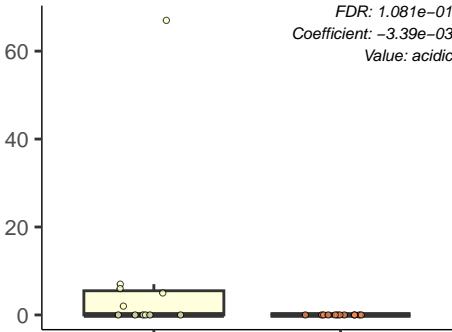
Coefficient: -3.39e-03

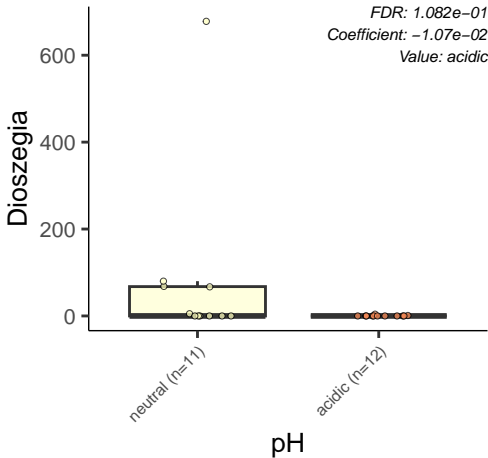
Value: acidic

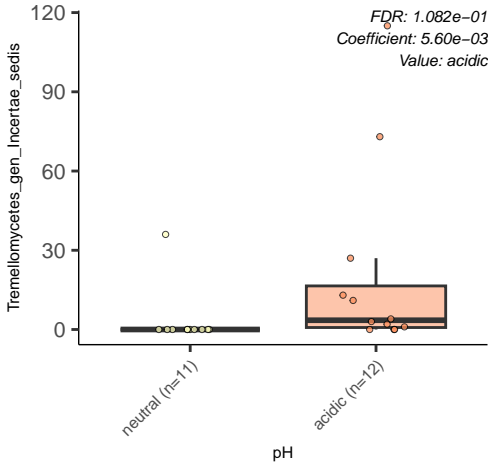
neutral (n=11)

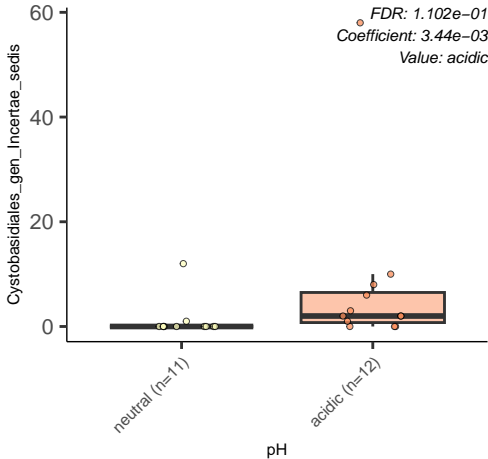
acidic (n=12)

pH









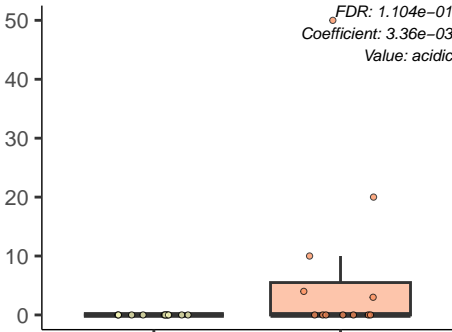
Goidanichiella

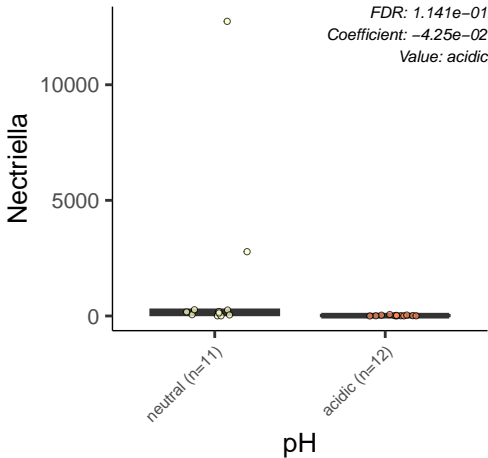
neutral (n=11)

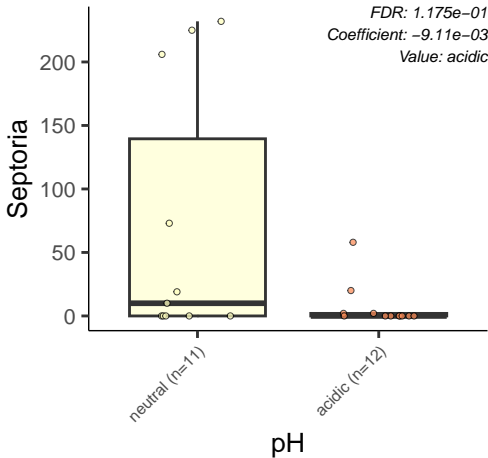
acidic (n=12)

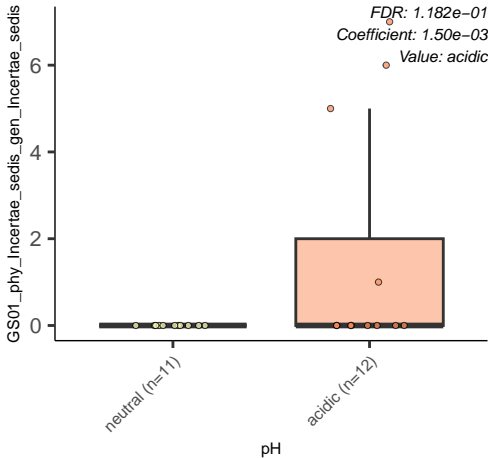
pH

FDR: $1.104e-01$
Coefficient: $3.36e-03$
Value: acidic

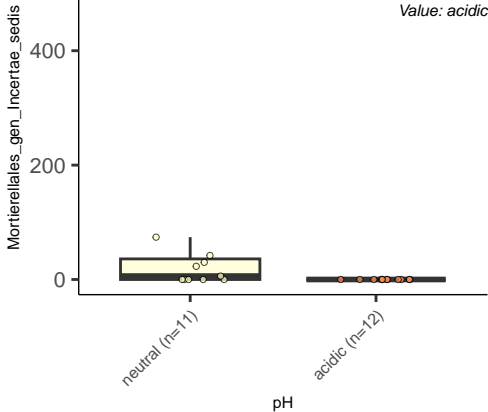




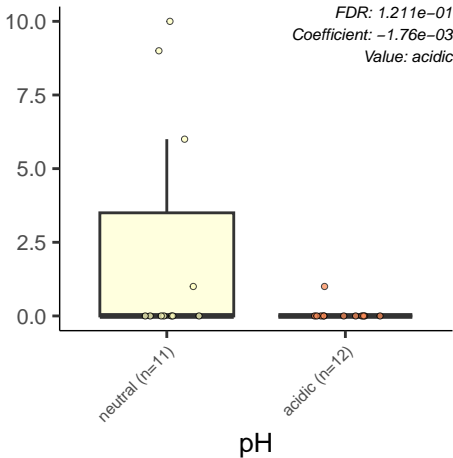




Value: acidic



Calophoma



Acephala

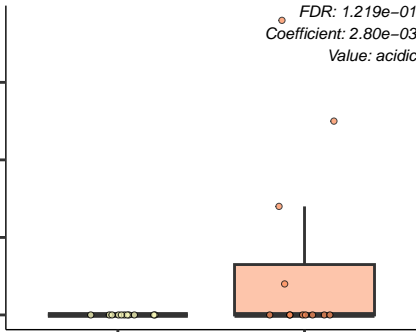
FDR: 1.219e-01
Coefficient: 2.80e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

30
20
10
0



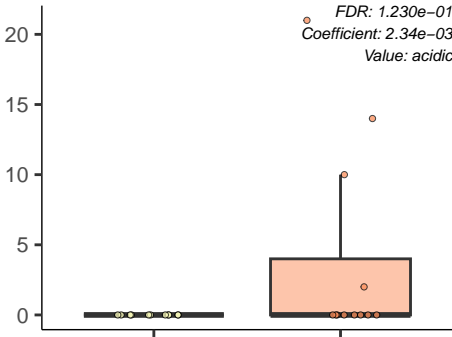
Pholiota

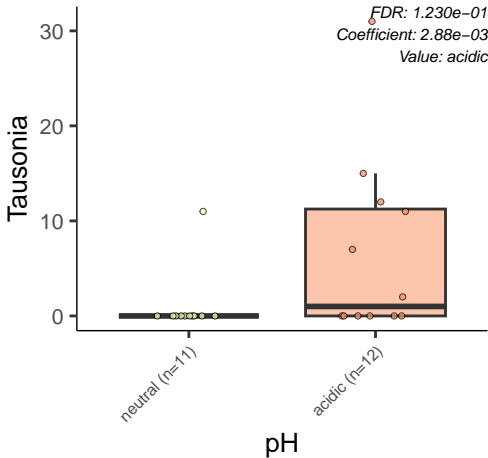
neutral (n=11)

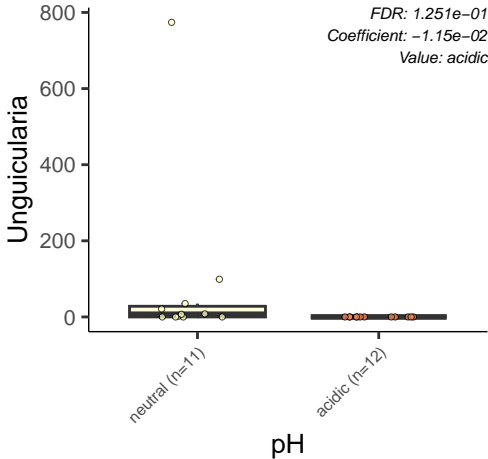
acidic (n=12)

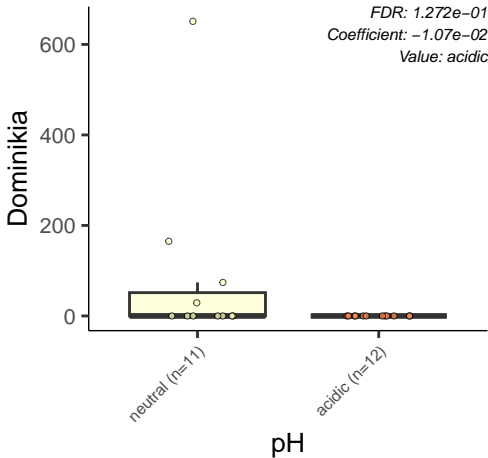
pH

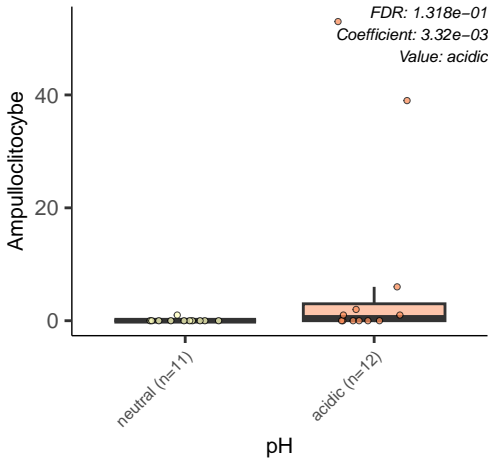
FDR: 1.230e-01
Coefficient: 2.34e-03
Value: acidic



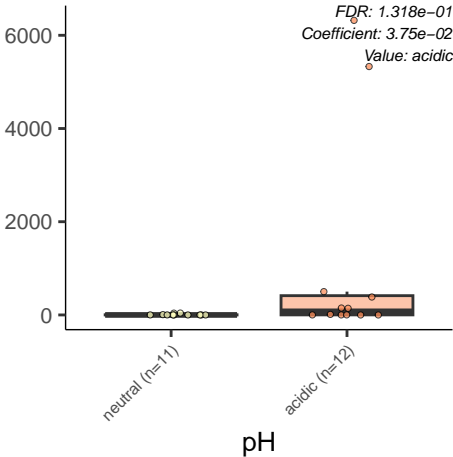


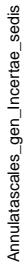






Ramariopsis





FDR: 1.327e-01
Coefficient: 6.66e-03
Value: acidic



pH

Metschnikowia

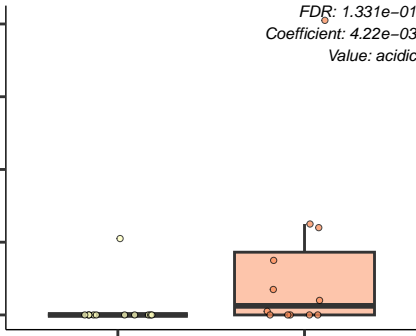
80
60
40
20
0

FDR: 1.331e-01
Coefficient: 4.22e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic

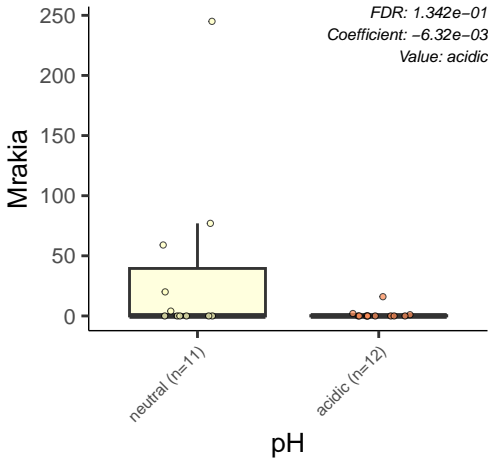
acidic ($n=12$)

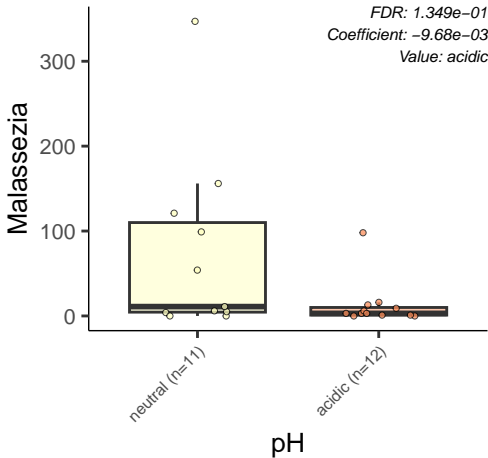
pH

Value: acidic

acidic ($n=12$)

pH





Filobasidiella

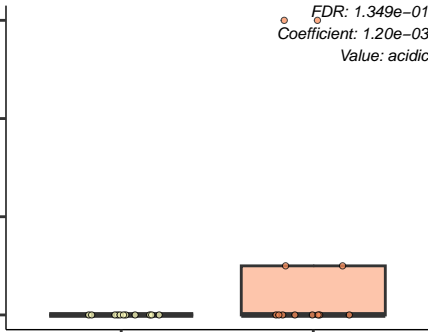
6
4
2
0

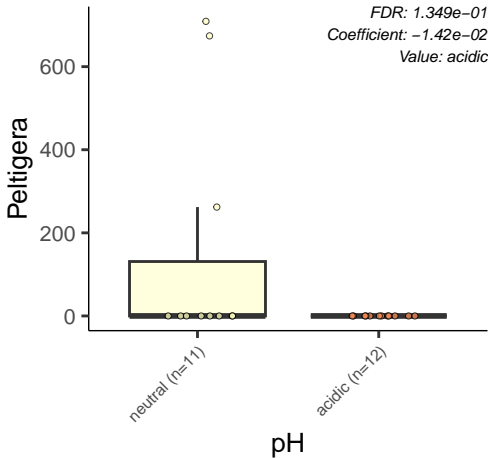
FDR: 1.349e-01
Coefficient: 1.20e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





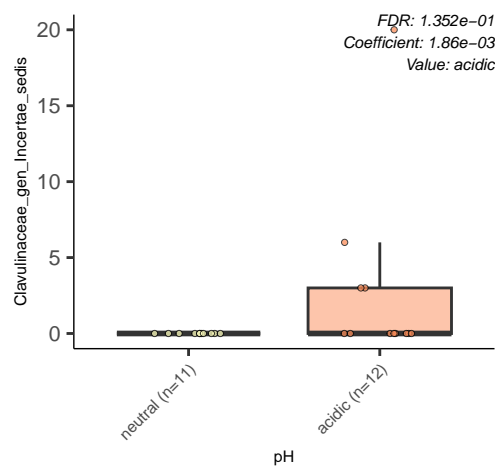
Clavulinaceae_gen_Incertae_sedis

FDR: 1.352e-01
Coefficient: 1.86e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Hannaella

FDR: 1.364e-01

Coefficient: -2.02e-03

Value: acidic

20

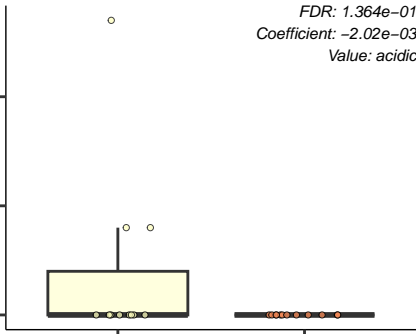
10

0

neutral (n=11)

acidic (n=12)

pH



Plectosphaerellaceae_gen_Incertae_sedis

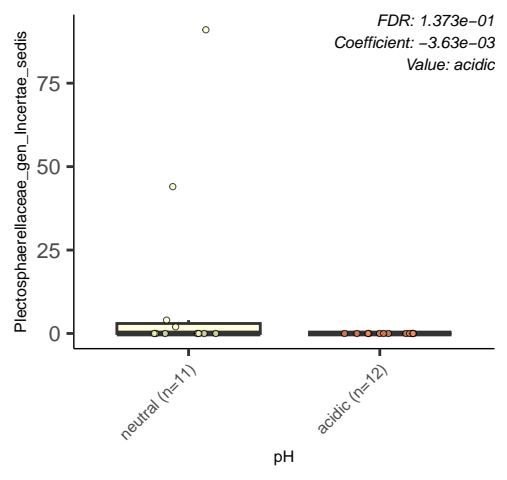
FDR: 1.373e-01
Coefficient: -3.63e-03
Value: acidic

75
50
25
0

neutral (n=11)

acidic (n=12)

pH



Pseudoanungitea

FDR: 1.379e-01

Coefficient: -4.08e-03

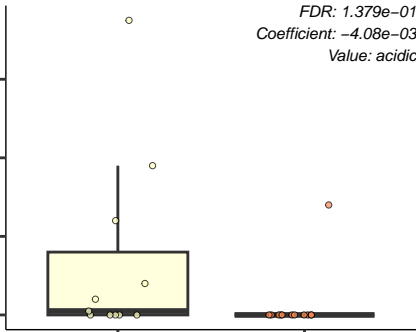
Value: acidic

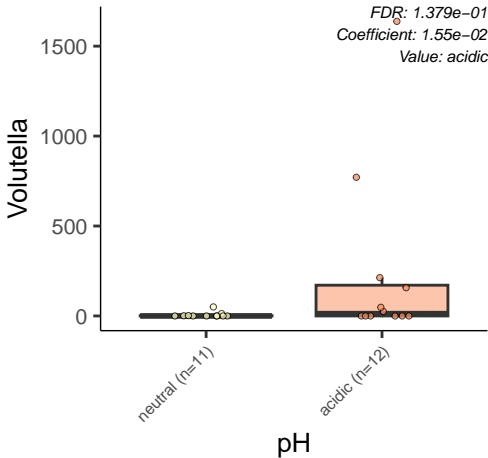
neutral (n=11)

acidic (n=12)

pH

60
40
20
0





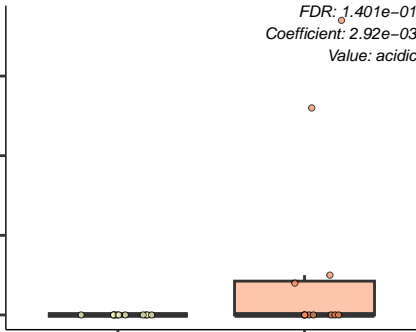
Monacrosporium

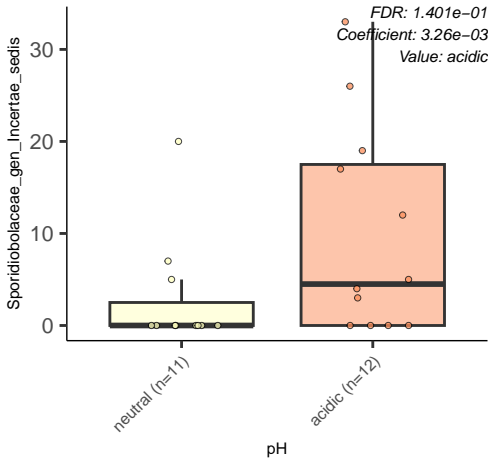
FDR: 1.401e-01
Coefficient: 2.92e-03
Value: acidic

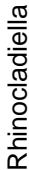
neutral (n=11)

acidic (n=12)

pH







FDR: 1.422e-01

Coefficient: $-1.64e-02$

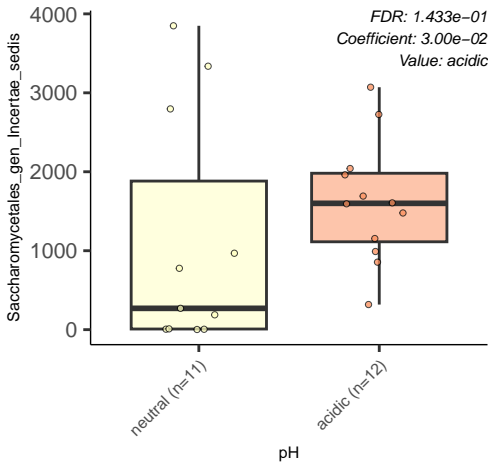
Value: acidic

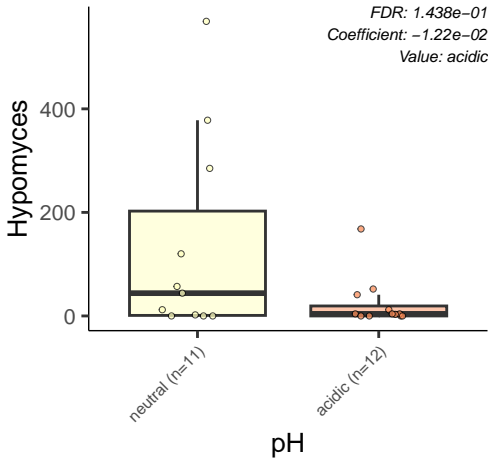


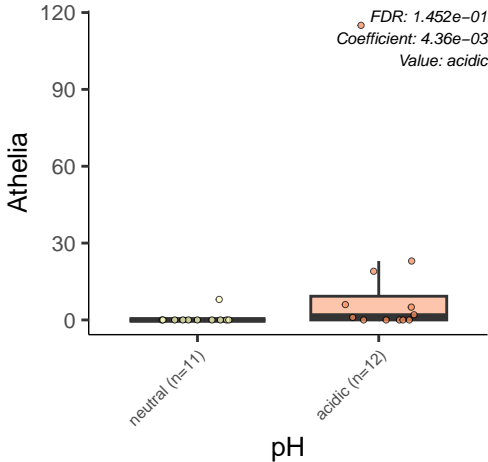
neutral (n=11)

acidic ($n=12$)

pH







Dictyolus

FDR: 1.468e-01
Coefficient: 1.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

15

10

5

0

Value: acidic

acidic ($n=12$)

pH

Rhodospiridiobolus

FDR: 1.470e-01
Coefficient: 2.33e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

30

20

10

0

Verrucariaceae_gen_Incertae_sedis

FDR: 1.470e-01

Coefficient: 2.92e-03

Value: acidic

30

20

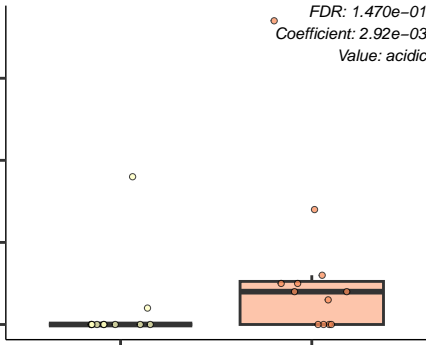
10

0

neutral (n=11)

acidic (n=12)

pH



Xenopolyscytulum

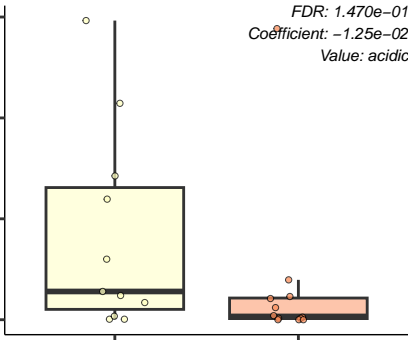
600
400
200
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.470e-01
Coefficient: -1.25e-02
Value: acidic



Pseudoeutrotium

6000

4000

2000

0

neutral (n=11)

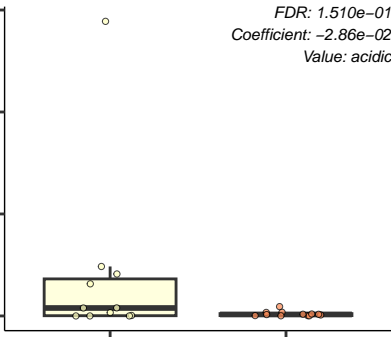
acidic (n=12)

pH

FDR: 1.510e-01

Coefficient: -2.86e-02

Value: acidic



Spirosphaera

FDR: 1.520e-01

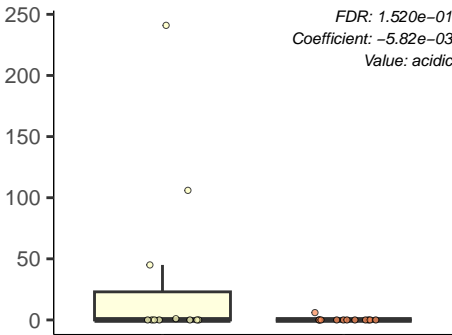
Coefficient: -5.82e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Hygrophorus

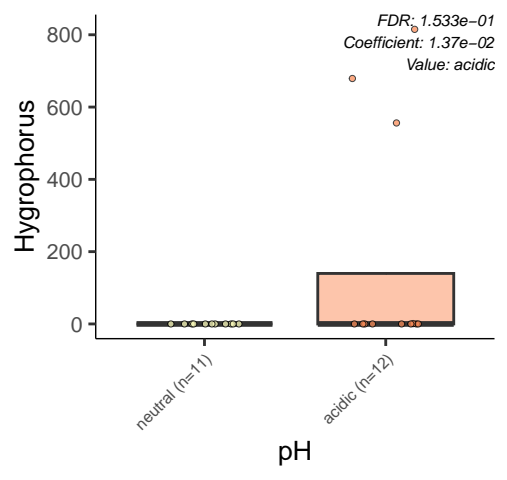
800
600
400
200
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.533e-01
Coefficient: 1.37e-02
Value: acidic



Verrucaria

15000

10000

5000

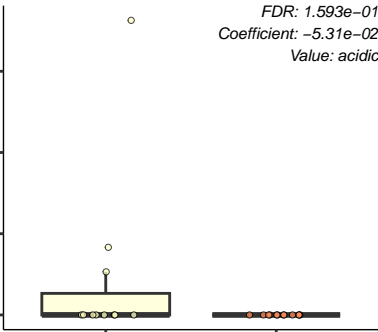
0

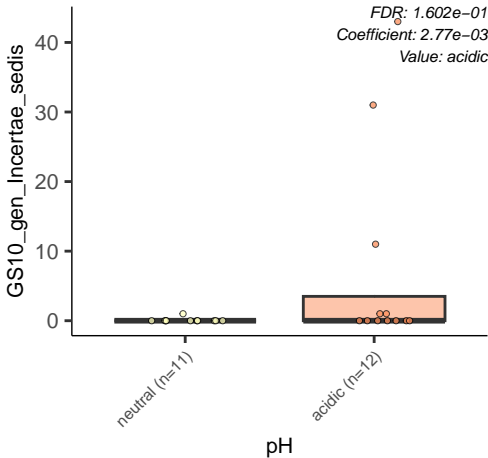
neutral (n=11)

acidic (n=12)

pH

FDR: 1.593e-01
Coefficient: -5.31e-02
Value: acidic





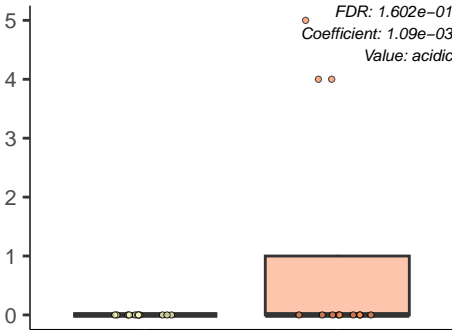
Phaeotrichum

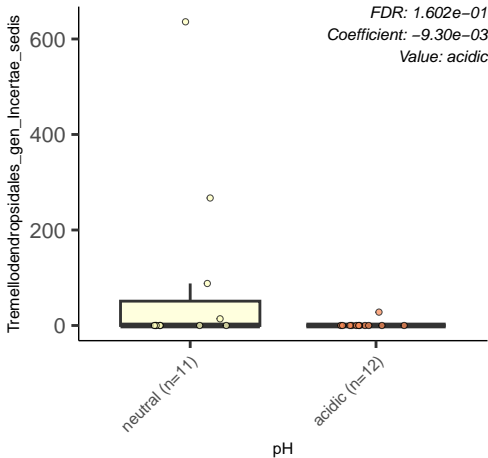
FDR: 1.602e-01
Coefficient: 1.09e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Xenochalara

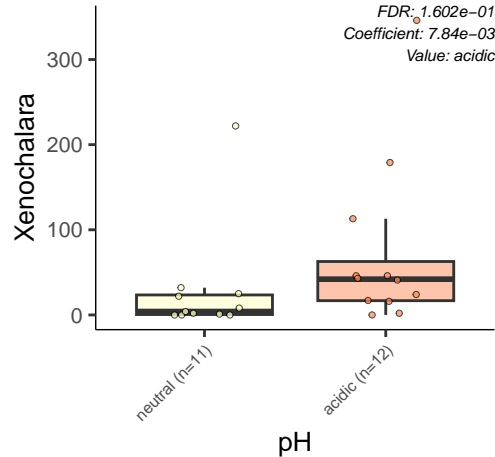
FDR: 1.602e-01
Coefficient: 7.84e-03
Value: acidic

neutral (n=11)

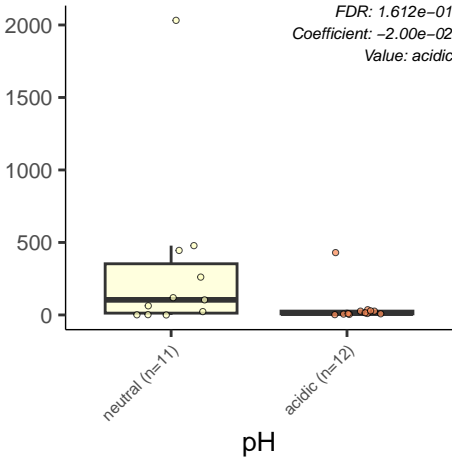
acidic (n=12)

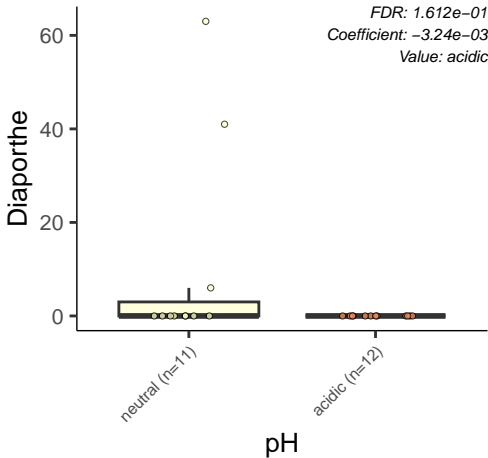
pH

300
200
100
0



Value: acidic





Heterocephalacia

FDR: 1.612e-01
Coefficient: 1.38e-03
Value: acidic

neutral (n=11)

acidic (n=12)

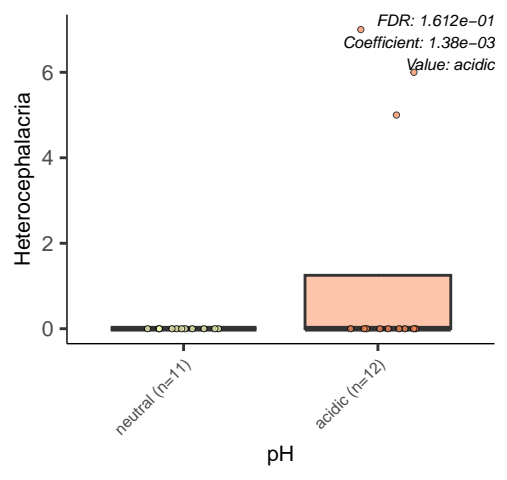
pH

6

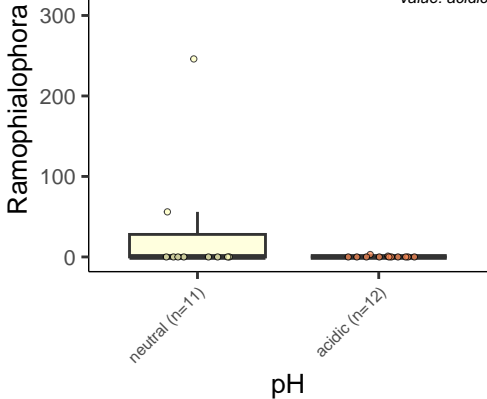
4

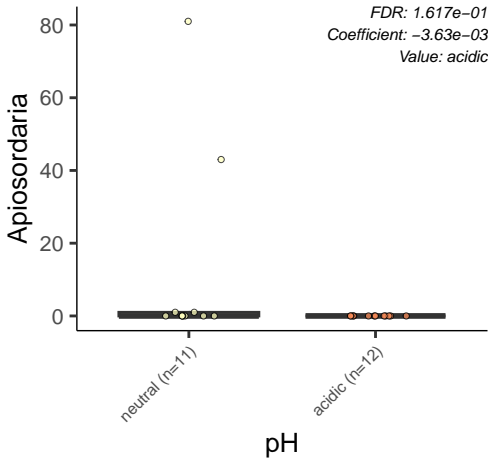
2

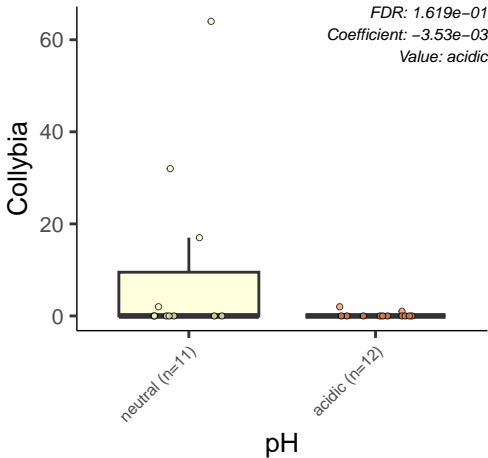
0



Value: acidic







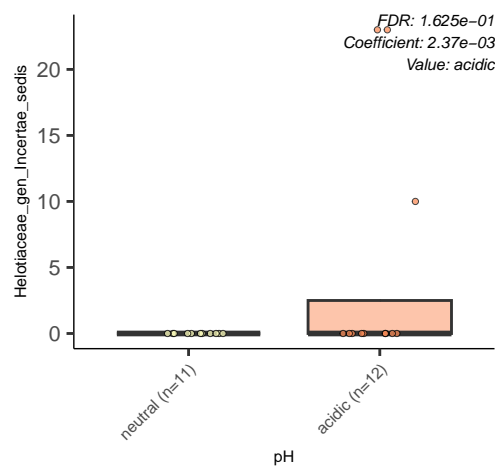
Helotiaceae_gen_Incertae_sedis

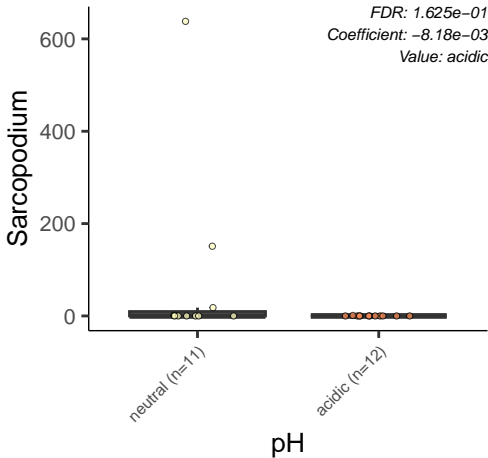
FDR: 1.625e-01
Coefficient: 2.37e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Archaeorhizomycetes_gen_Incertae_sedis

FDR: 1.633e-01
Coefficient: 4.95e-03
Value: acidic

100

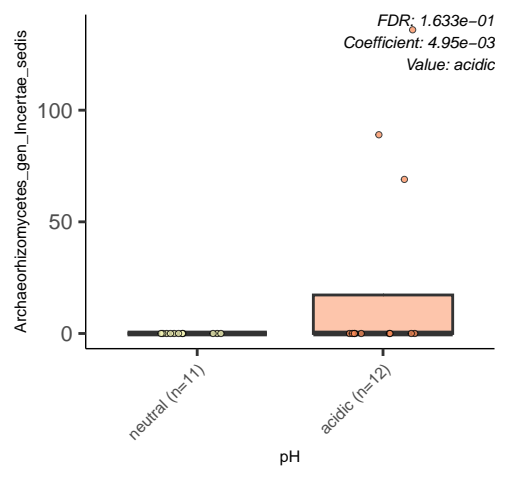
50

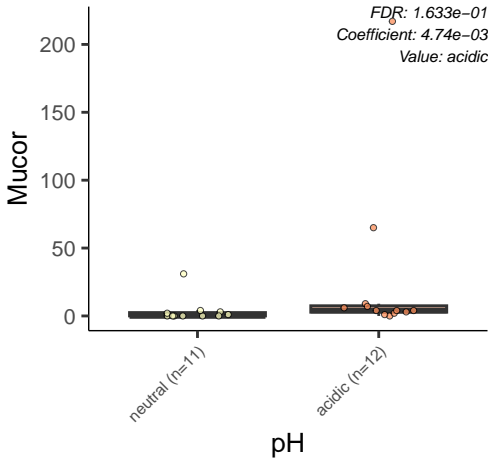
0

neutral (n=11)

acidic (n=12)

pH





Hypochnicium

FDR: 1.644e-01
Coefficient: 1.28e-03
Value: acidic

neutral (n=11)

acidic (n=12)

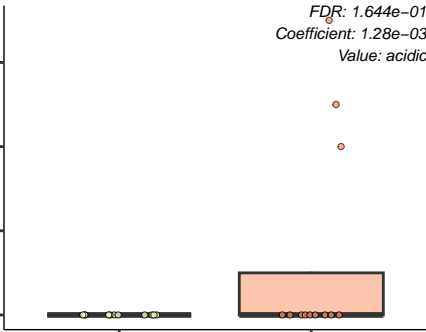
pH

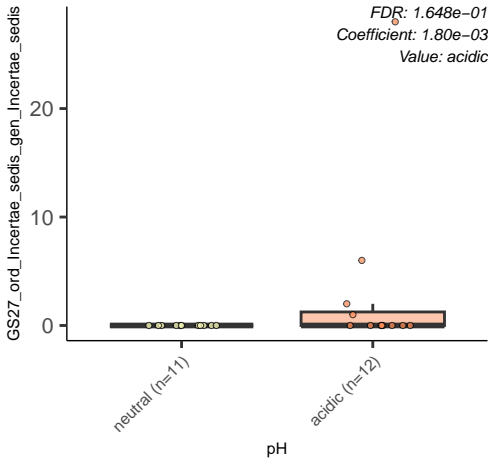
6

4

2

0





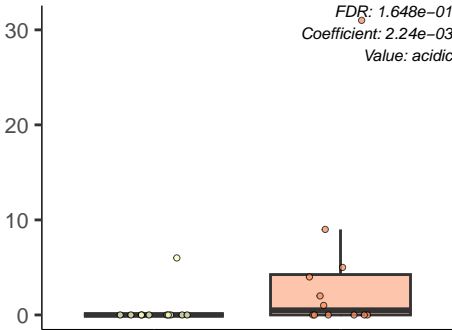
Hypogymnia

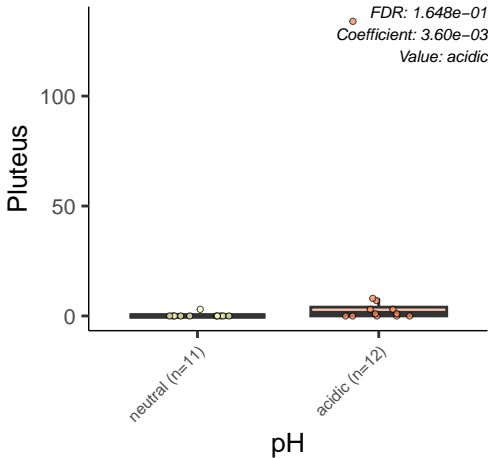
FDR: 1.648e-01
Coefficient: 2.24e-03
Value: acidic

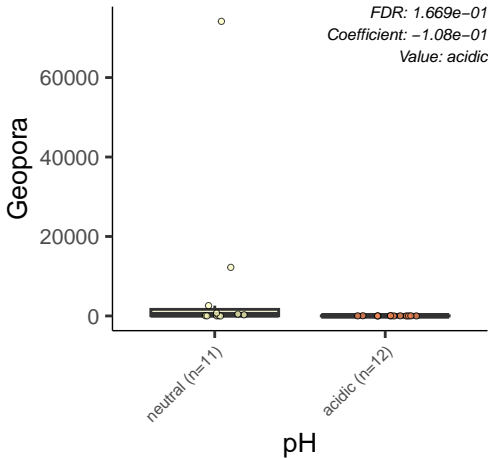
neutral (n=11)

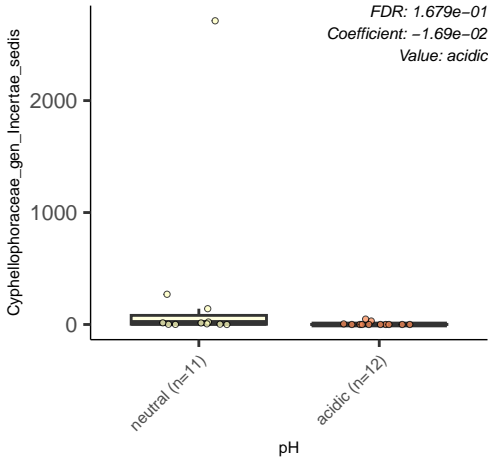
acidic (n=12)

pH









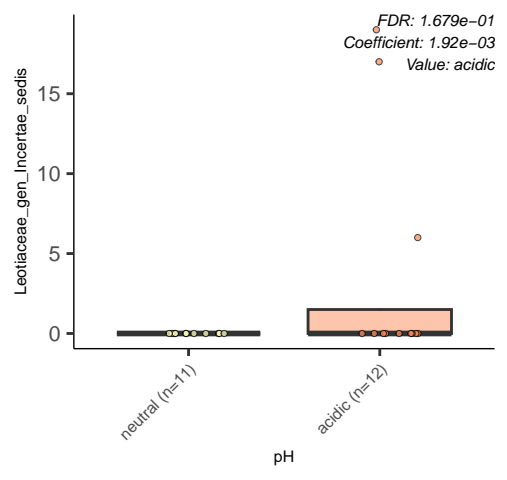
Leotiaceae_gen_Incertae_sedis

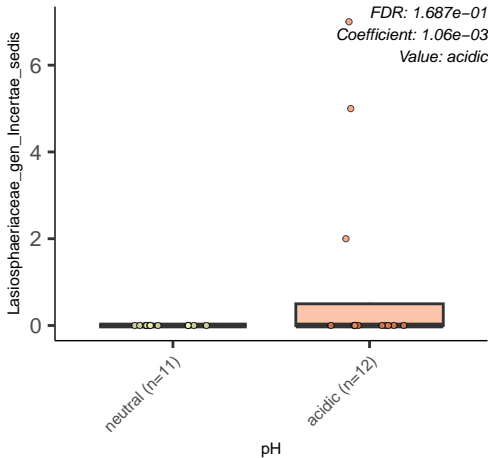
FDR: 1.679e-01
Coefficient: 1.92e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Bensingtonia

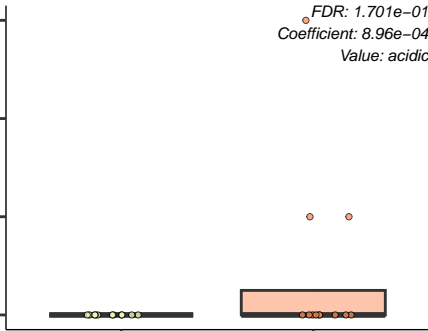
6
4
2
0

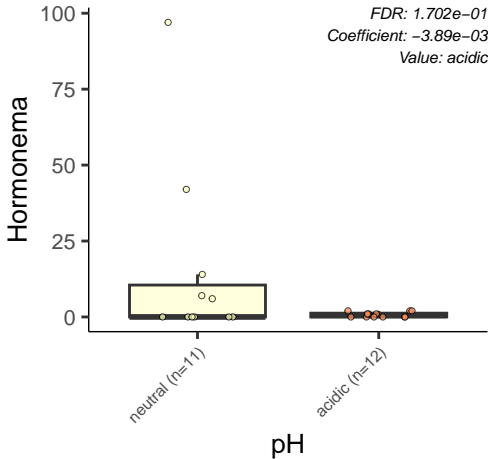
FDR: 1.701e-01
Coefficient: 8.96e-04
Value: acidic

neutral (n=11)

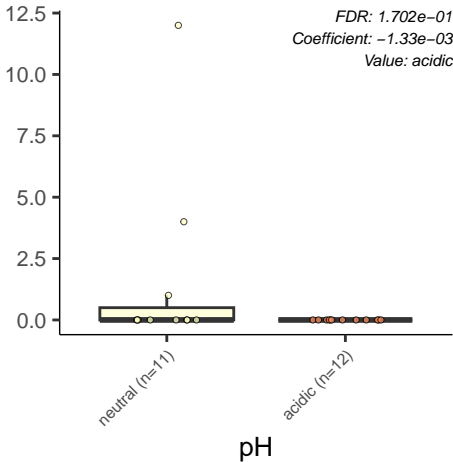
acidic (n=12)

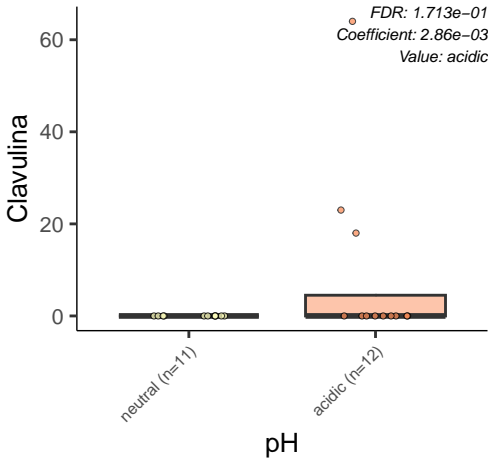
pH

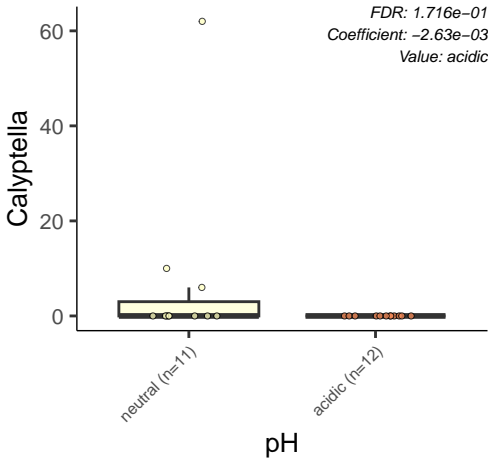


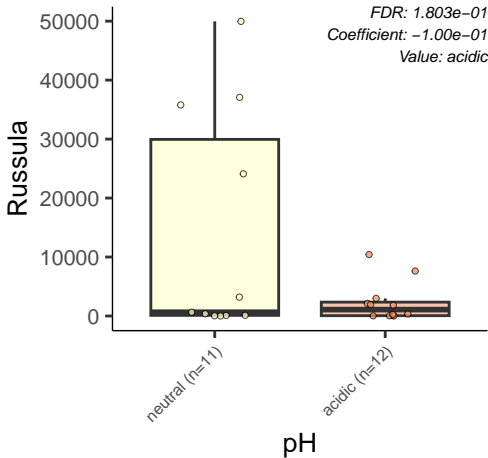


Pleurotheciella









Allantophomopsiella

FDR: 1.850e-01

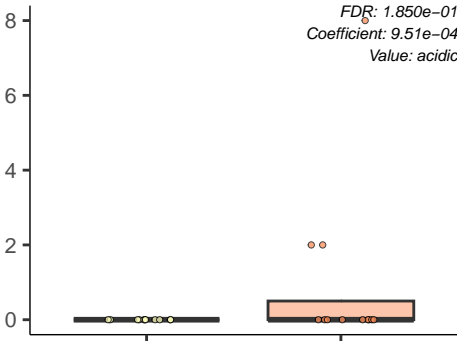
Coefficient: 9.51e-04

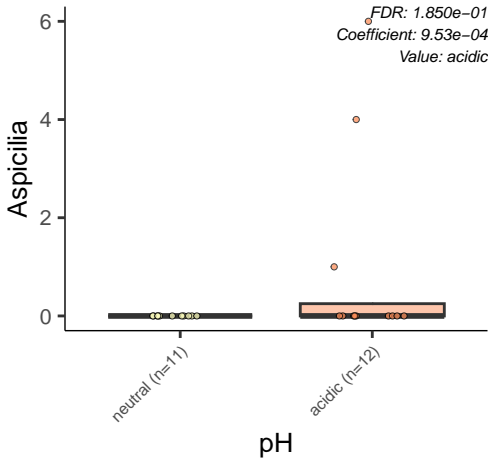
Value: acidic

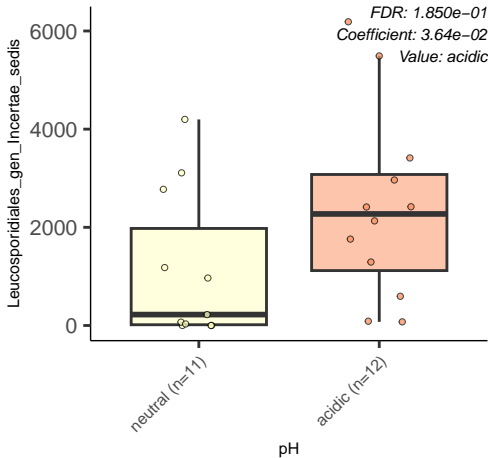
neutral (n=11)

acidic (n=12)

pH







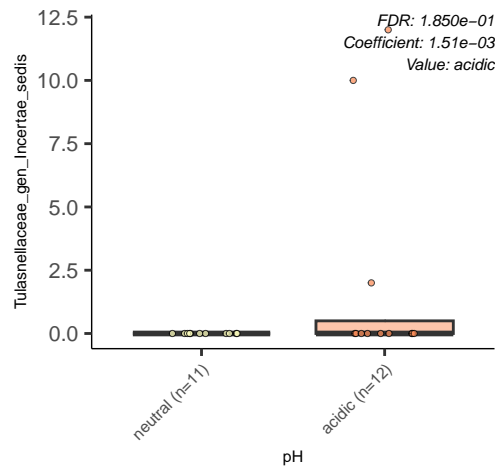
Tulasnellaceae_gen_Incertae_sedis

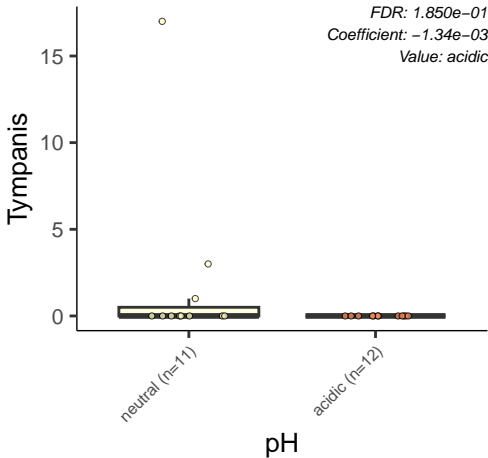
FDR: 1.850e-01
Coefficient: 1.51e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Xenasmatella

FDR: 1.850e-01
Coefficient: 4.88e-03
Value: acidic

neutral (n=11)

acidic (n=12)

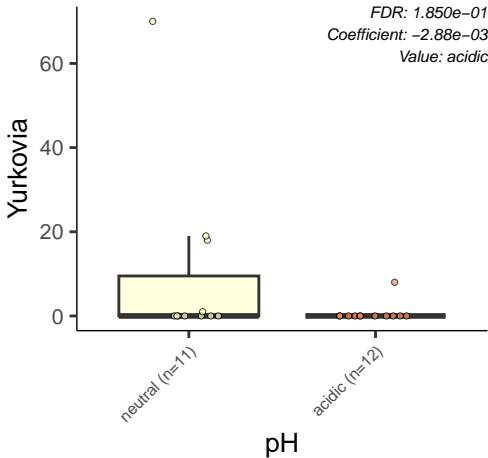
pH

150

100

50

0



Nectriaceae_gen_Incertae_sedis

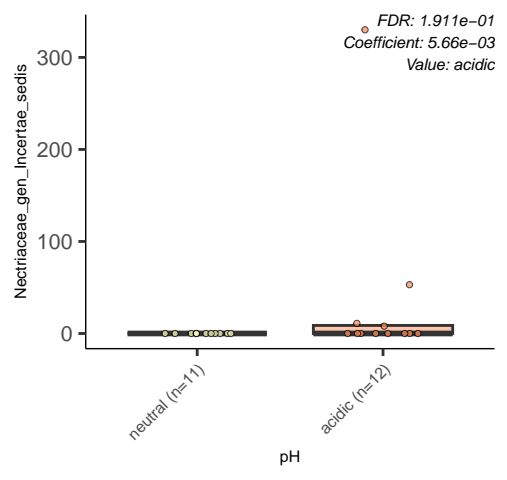
FDR: 1.911e-01
Coefficient: 5.66e-03
Value: acidic

300
200
100
0

neutral (n=11)

acidic (n=12)

pH





● FDR: 1.921e-01
Coefficient: 4.19e-03
Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

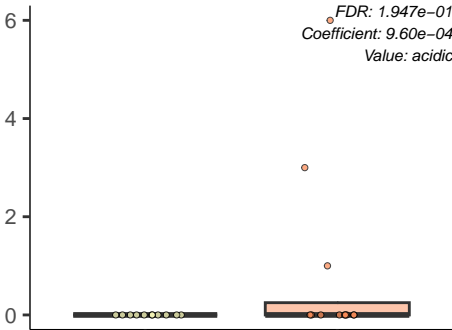
Lobulomyces

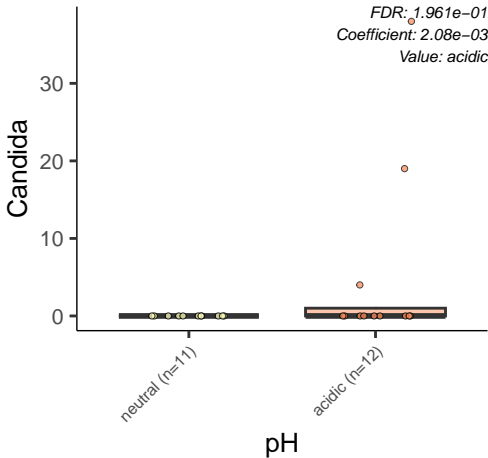
FDR: 1.947e-01
Coefficient: 9.60e-04
Value: acidic

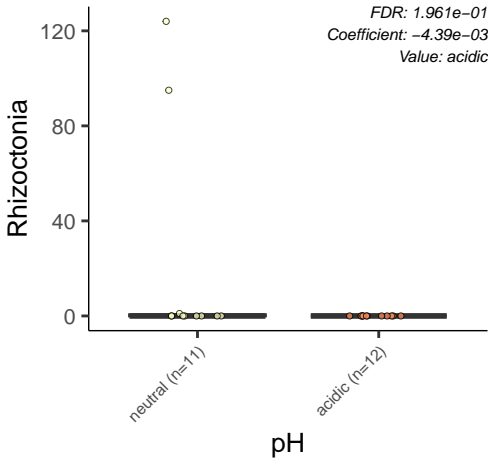
neutral (n=11)

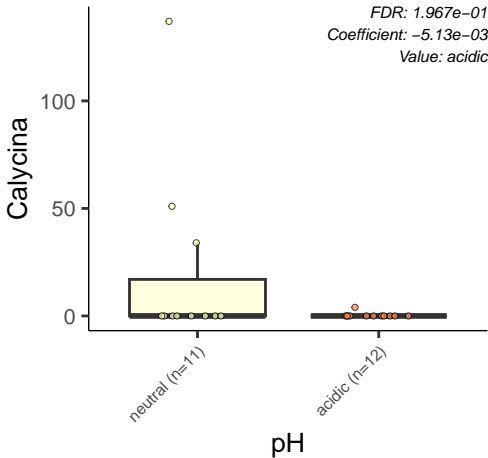
acidic (n=12)

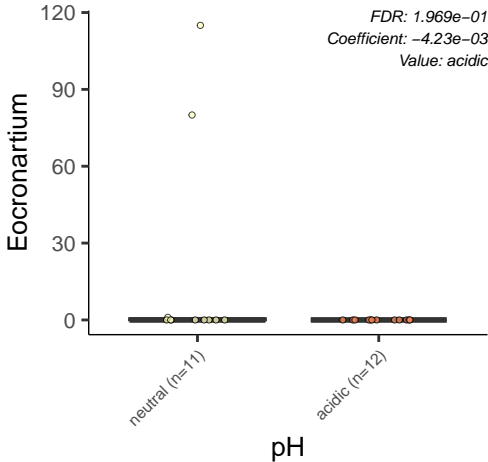
pH

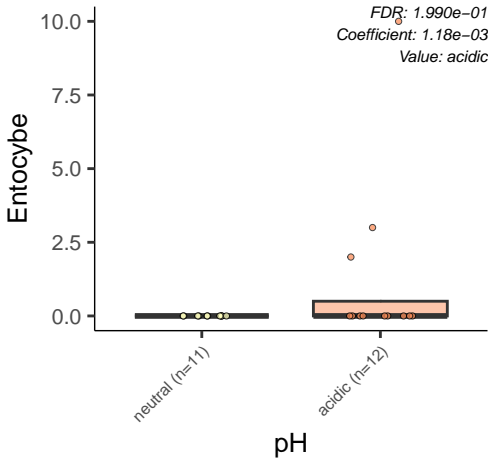


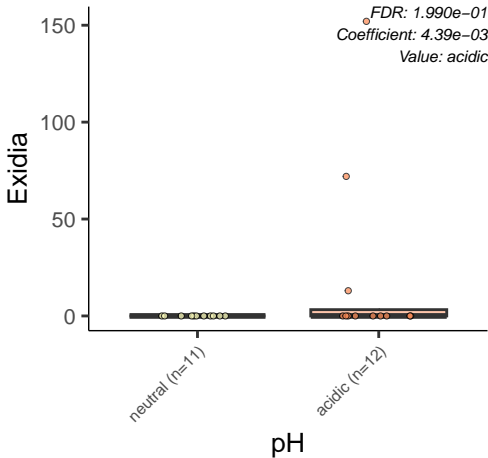












Sistotrema

10000

7500

5000

2500

0

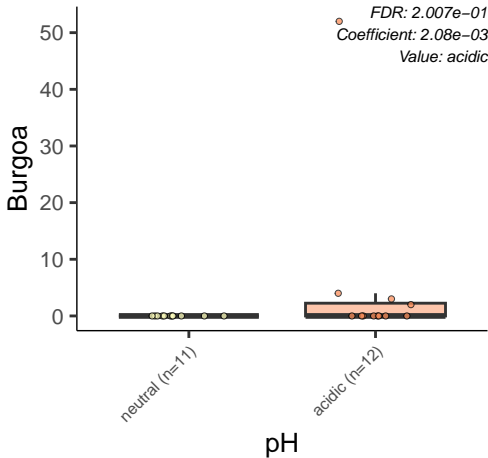
neutral (n=11)

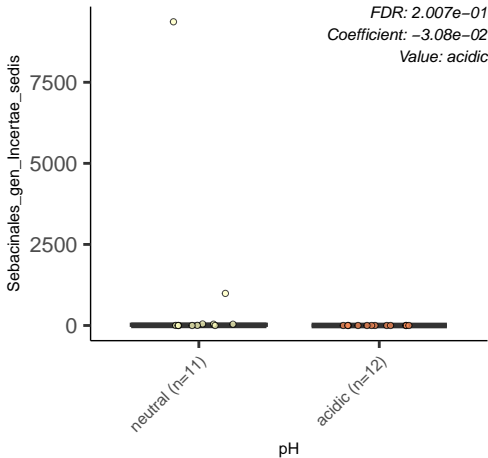
acidic (n=12)

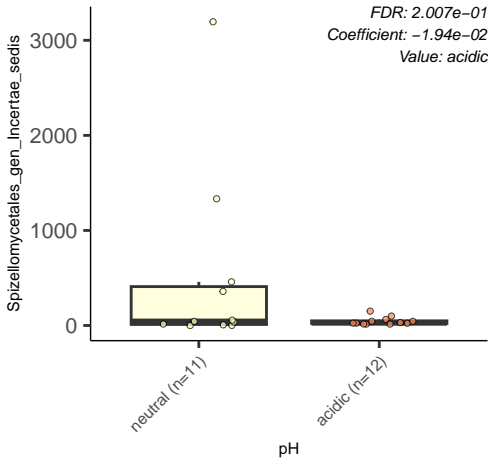
pH

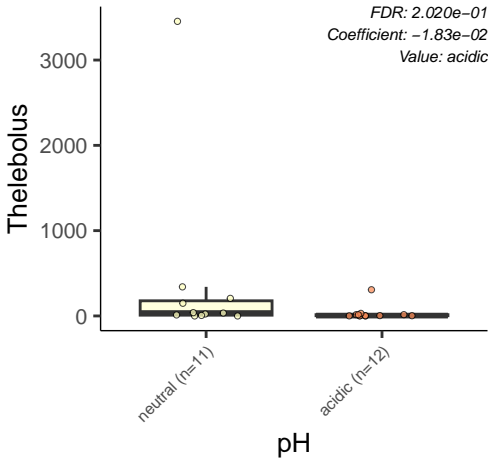
FDR: 1.990e-01
Coefficient: 2.76e-02
Value: acidic

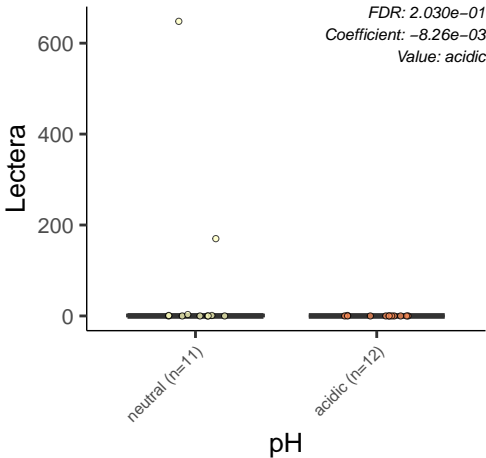












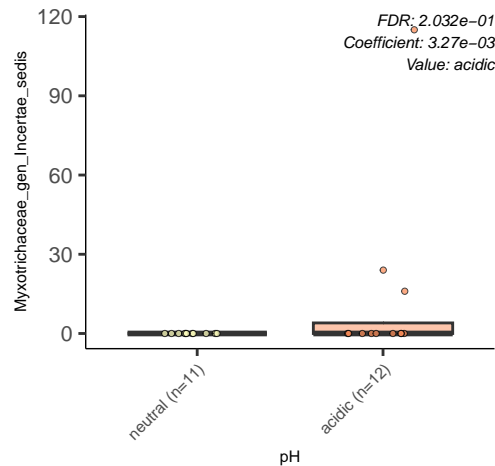
Myxotrichaceae_gen_Incertae_sedis

FDR: 2.032e-01
Coefficient: 3.27e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Naganishia

FDR: 2.036e-01

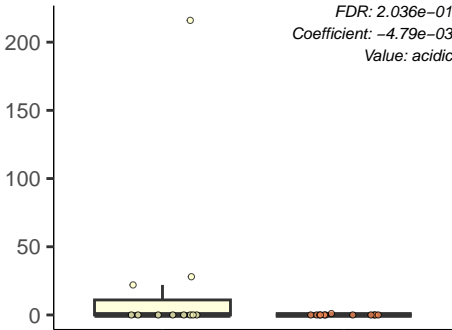
Coefficient: -4.79e-03

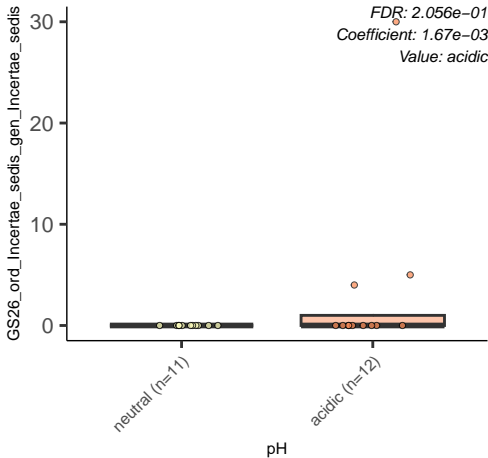
Value: acidic

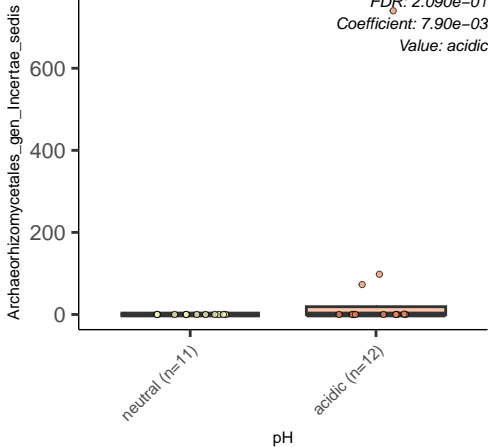
neutral (n=11)

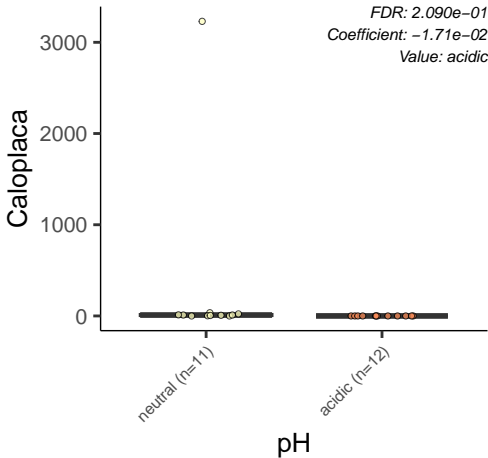
acidic (n=12)

pH









Mycoarthritis

FDR: 2.097e-01

Coefficient: -1.92e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH

2000

1500

1000

500

0

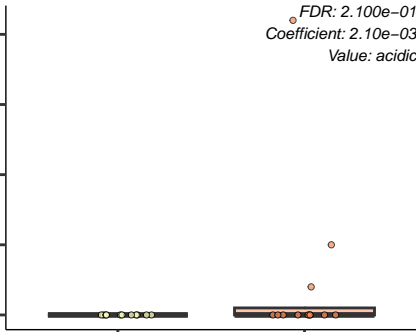
Arachnoscypa

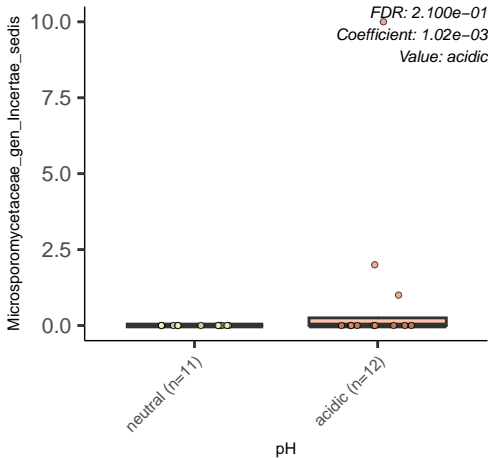
FDR: 2.100e-01
Coefficient: 2.10e-03
Value: acidic

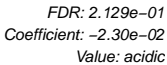
neutral (n=11)

acidic (n=12)

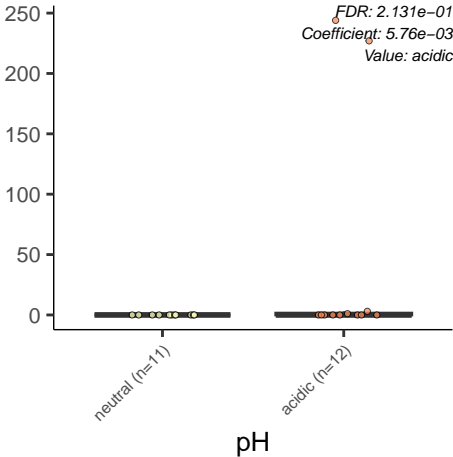
pH







Teratosphaeria



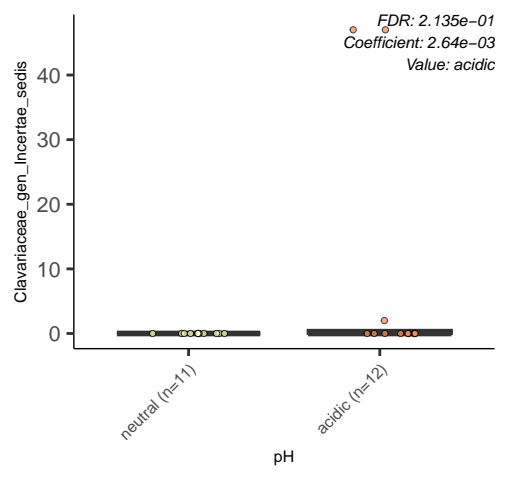
Clavariaceae_gen_Incertae_sedis

FDR: 2.135e-01
Coefficient: 2.64e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Pustularia

1500

1000

500

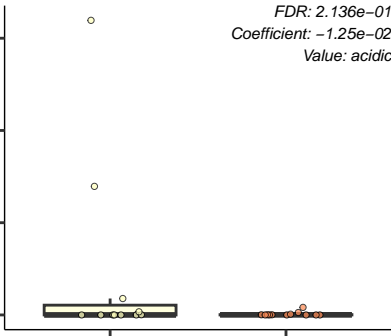
0

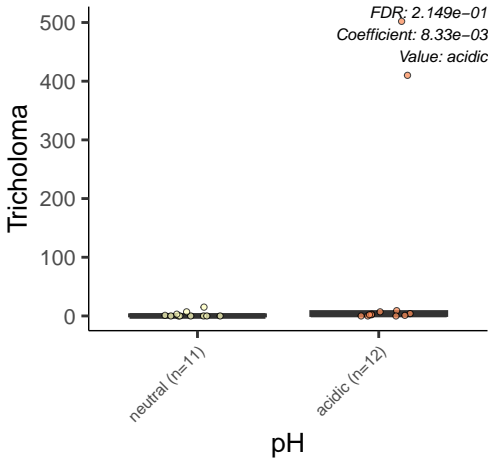
neutral (n=11)

acidic (n=12)

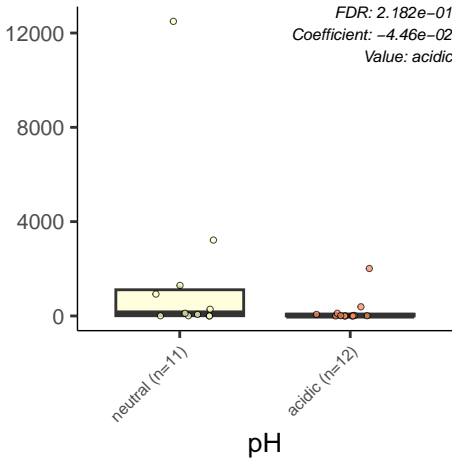
pH

FDR: 2.136e-01
Coefficient: -1.25e-02
Value: acidic





Geminibasidium



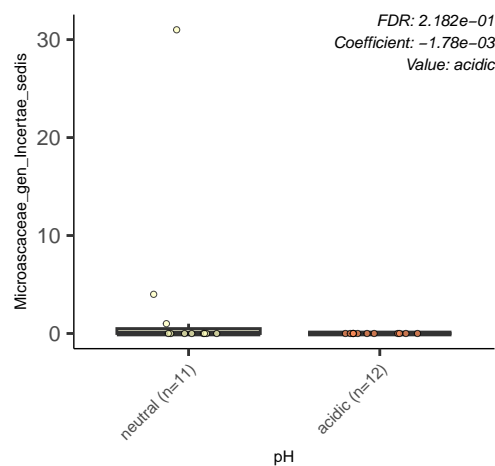
Microascaceae_gen_Incertae_sedis

FDR: 2.182e-01
Coefficient: -1.78e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



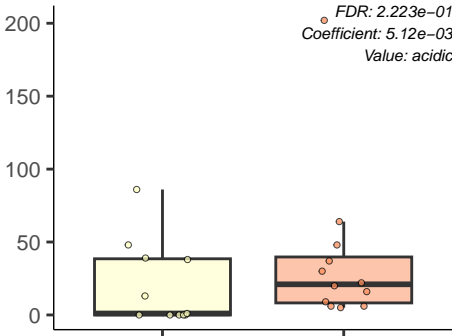
Piskurozyma

FDR: 2.223e-01
Coefficient: 5.12e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



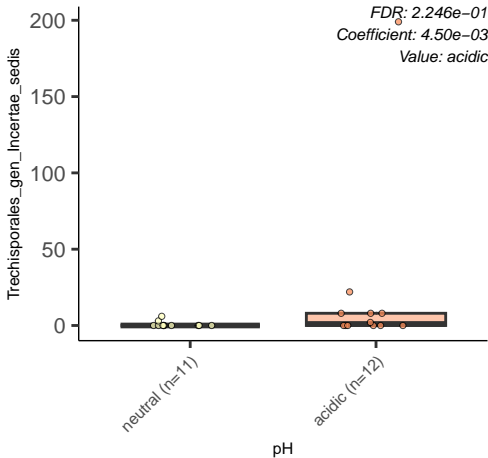
Trechisporales_gen_Incertae_sedis

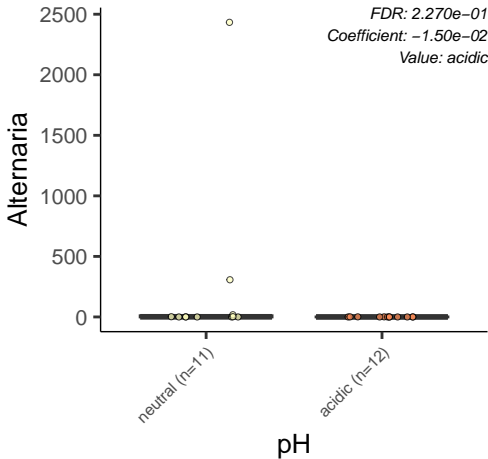
FDR: 2.246e-01
Coefficient: 4.50e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Phlegmacium

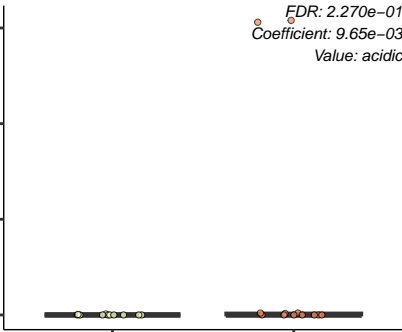
600
400
200
0

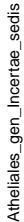
FDR: 2.270e-01
Coefficient: 9.65e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

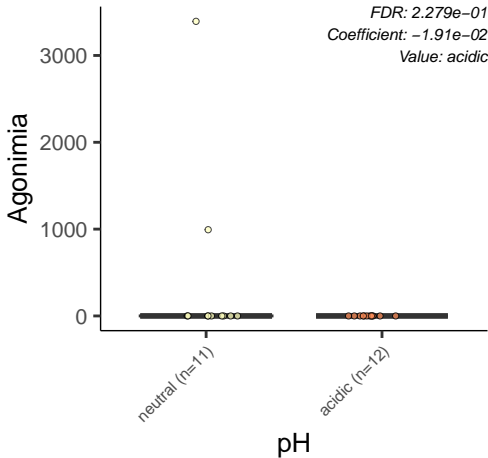




FDR: 2.278e-01
Coefficient: 2.81e-03
Value: acidic



pH



Lapidomyces

FDR: 2.279e-01

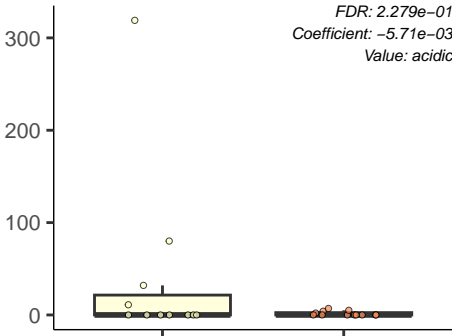
Coefficient: -5.71e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



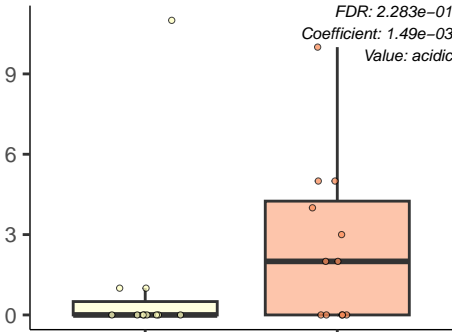
Kuehneromyces

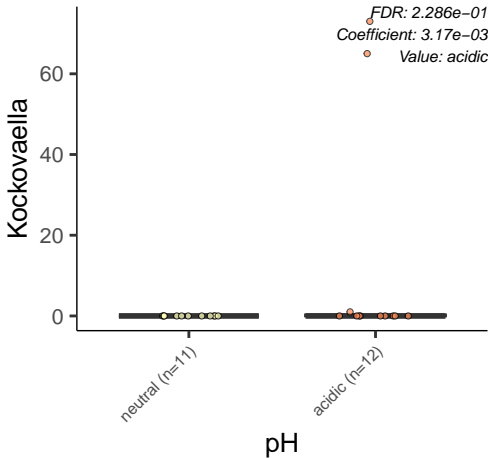
neutral (n=11)

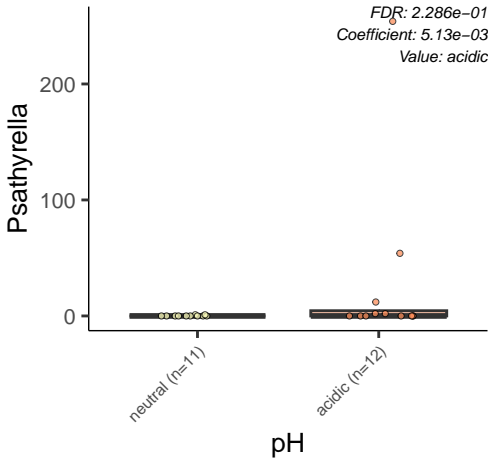
acidic (n=12)

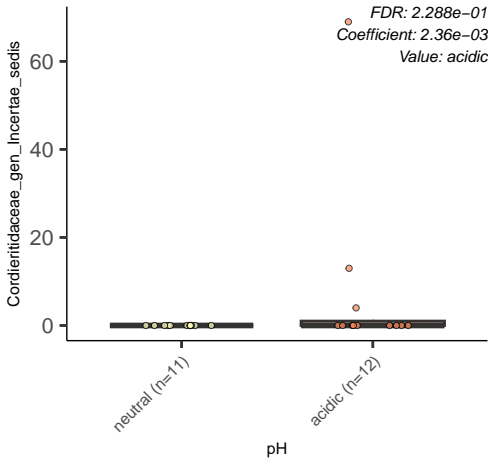
pH

FDR: 2.283e-01
Coefficient: 1.49e-03
Value: acidic









Sistotremastrum

neutral (n=11)

acidic (n=12)

pH

FDR: 2.288e-01
Coefficient: 7.12e-03
Value: acidic

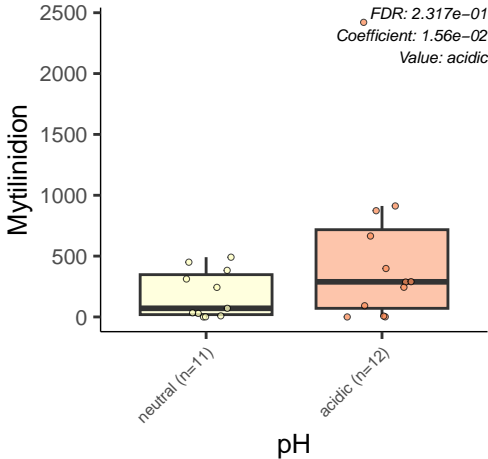
400

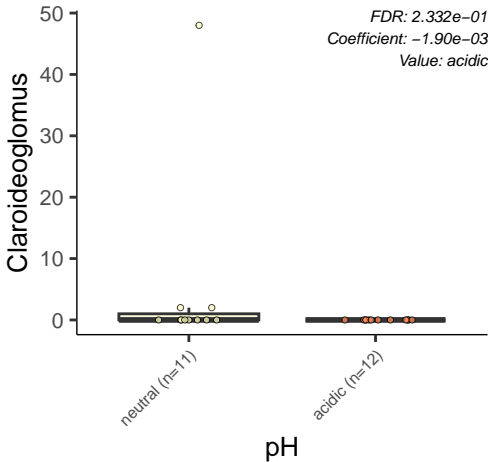
300

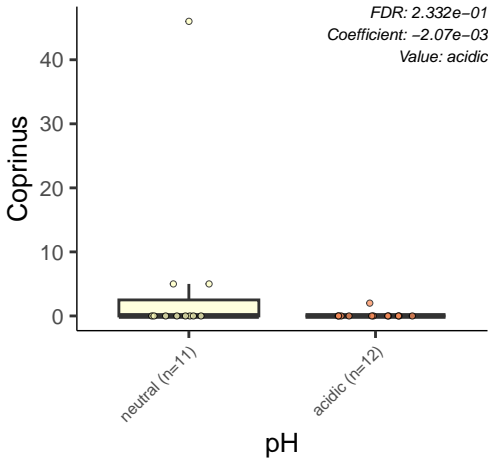
200

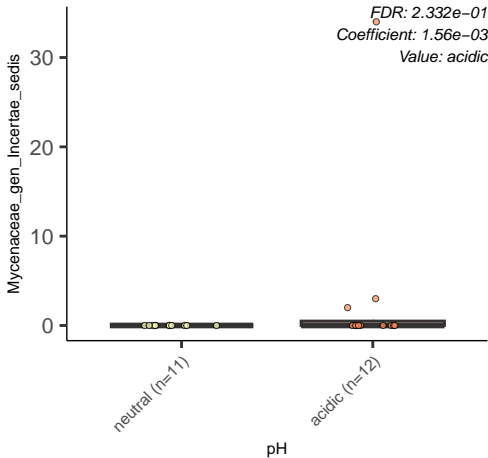
100

0











FDR: 2.332e-01

Coefficient: $-1.13e-02$

Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Paraphaeosphaeria

FDR: 2.332e-01

Coefficient: -7.04e-03

Value: acidic

300

200

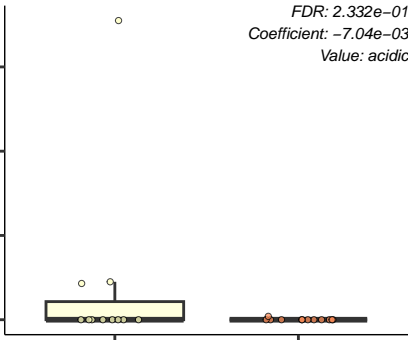
100

0

neutral (n=11)

acidic (n=12)

pH



Stilbella

2000

1000

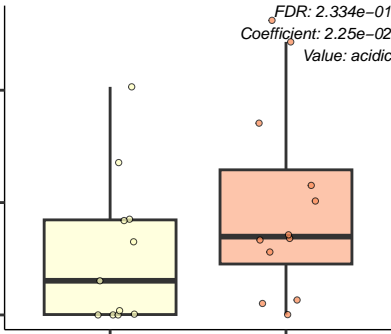
0

neutral (n=11)

acidic (n=12)

pH

FDR: 2.334e-01
Coefficient: 2.25e-02
Value: acidic



Aspergillus

FDR: 2.368e-01

Coefficient: -1.41e-03

Value: acidic

20

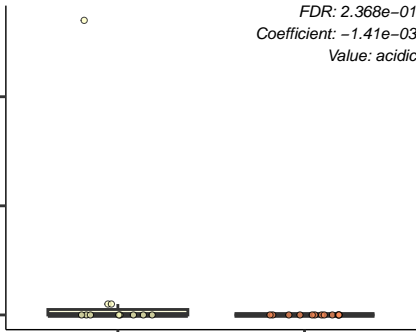
10

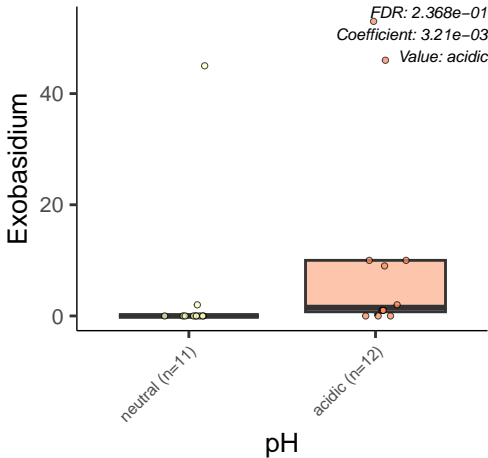
0

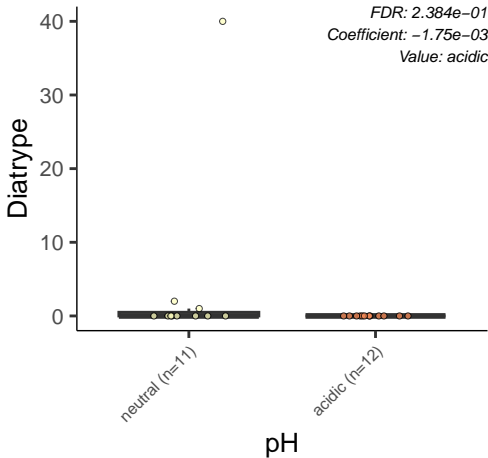
neutral (n=11)

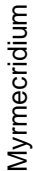
acidic (n=12)

pH









FDR: 2.384e-01

Coefficient: $-4.53e-03$

Value: acidic



pH

Value: acidic

acidic ($n=12$)

pH

