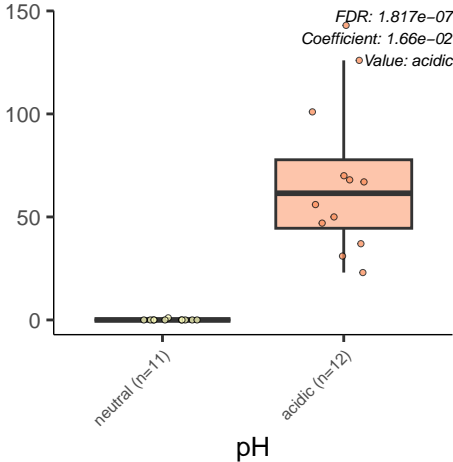
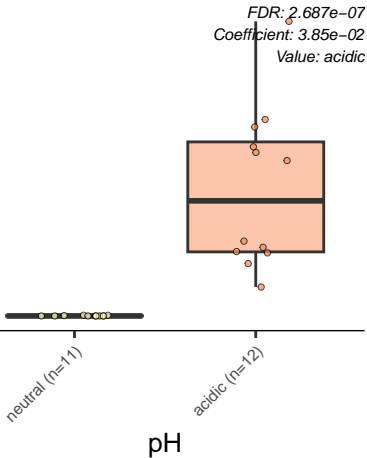


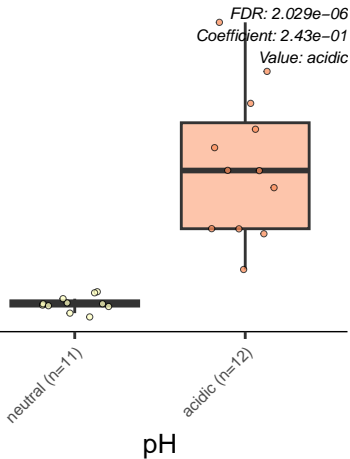
Botryobasidium



Entomortierella



Mortierella



Meliniomyces

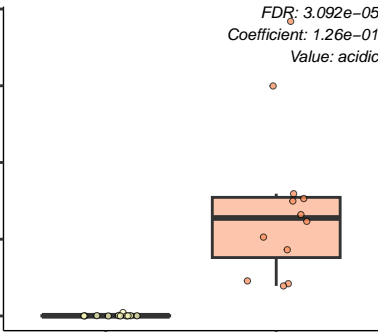
12000
9000
6000
3000
0

neutral (n=11)

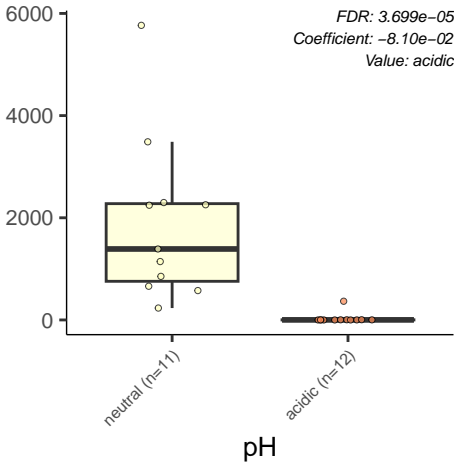
acidic (n=12)

pH

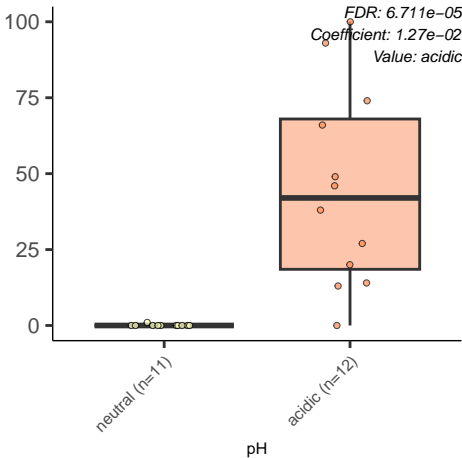
FDR: 3.092e-05
Coefficient: 1.26e-01
Value: acidic



Pezizellaster



Acarosporales_gen_Incertae_sedis



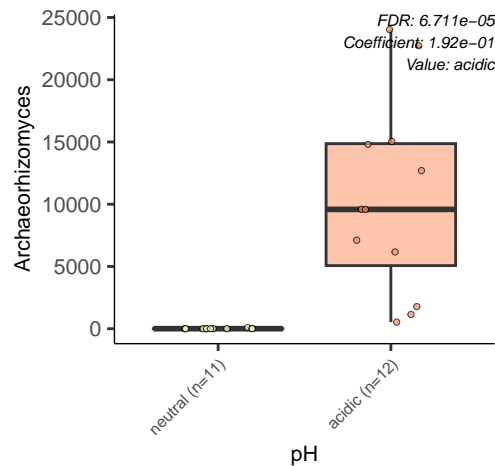
Archaeorhizomyces

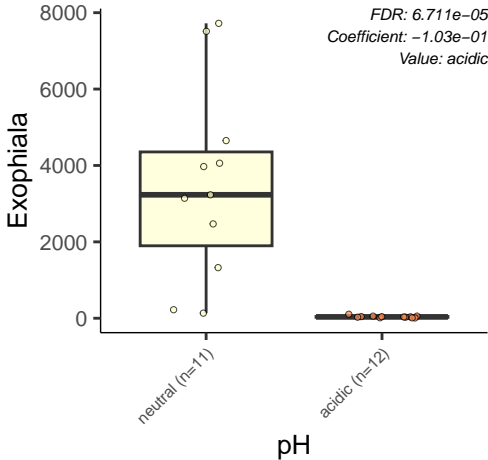
neutral (n=11)

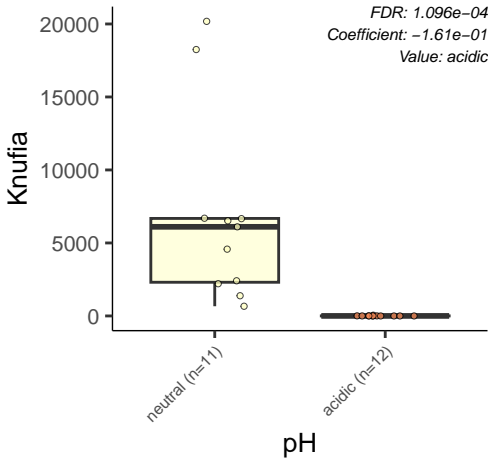
acidic (n=12)

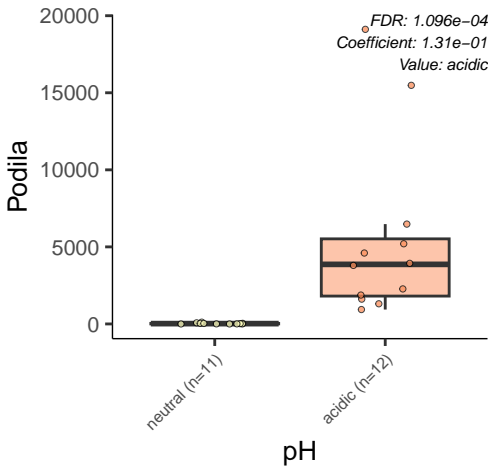
pH

FDR: 6.711×10^{-5}
Coefficient: 1.92×10^{-1}
Value: acidic









Synccephalis

FDR: 1.096e-04
Coefficient: 3.27e-02
Value: acidic

1000

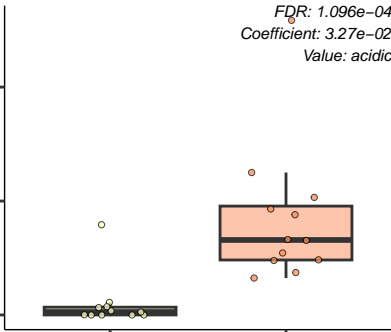
500

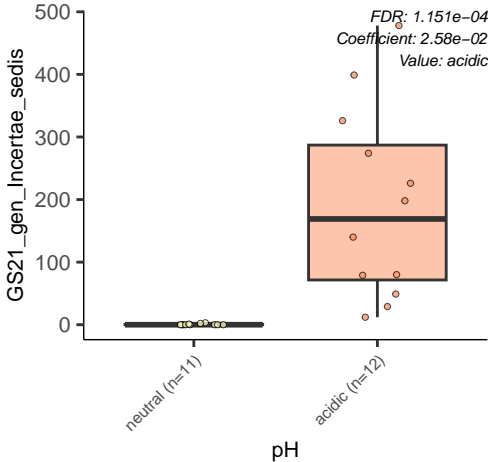
0

neutral (n=11)

acidic (n=12)

pH





Lachnellula

15000

10000

5000

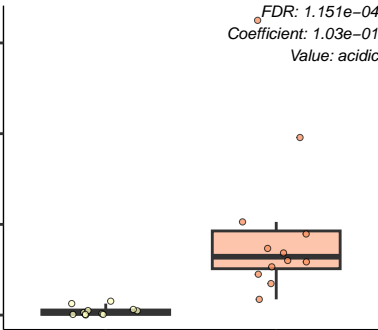
0

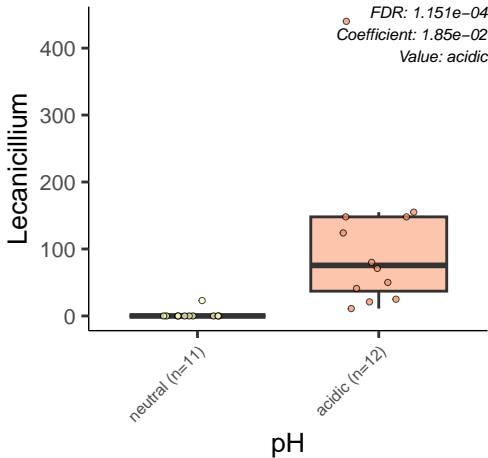
neutral (n=11)

acidic (n=12)

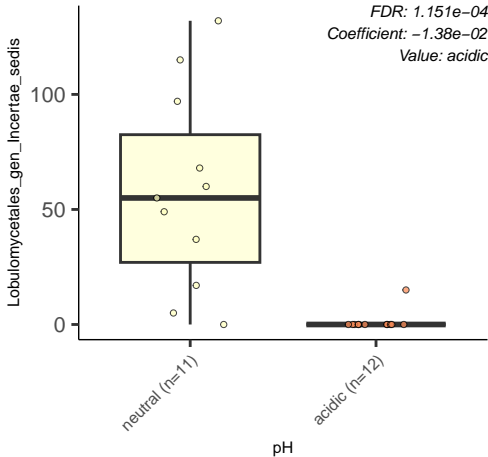
pH

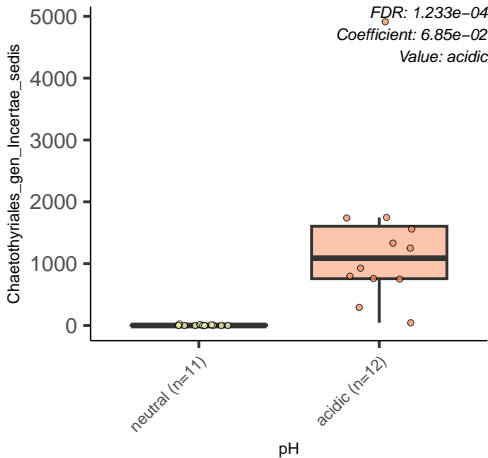
FDR: $1.151e-04$
Coefficient: $1.03e-01$
Value: acidic



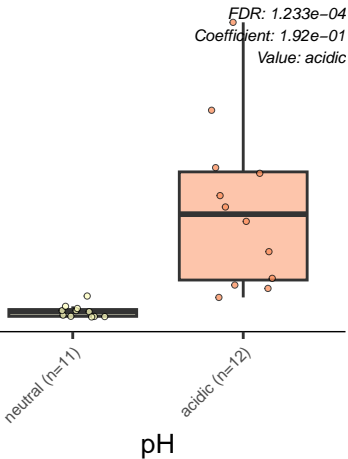


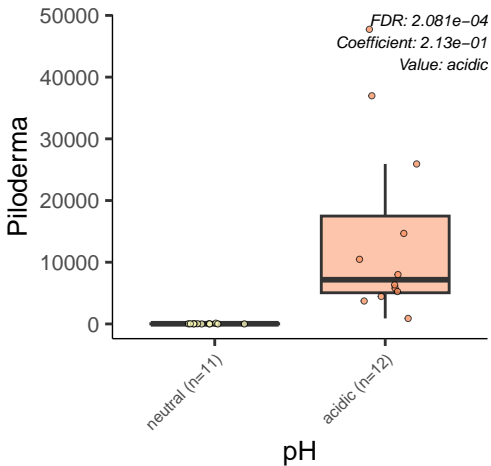
Value: acidic





Cortinarius





Leotiomyces_gen_Incertae_sedis

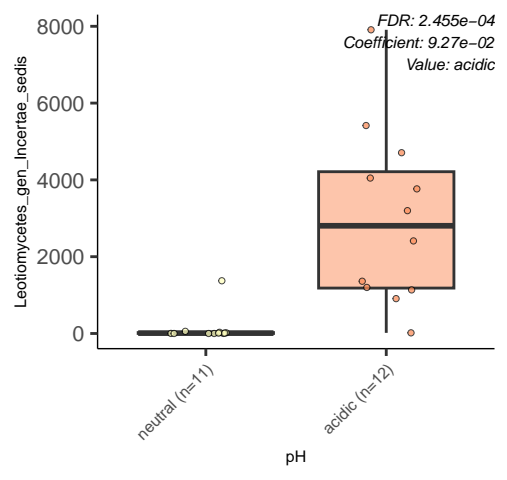
8000
6000
4000
2000
0

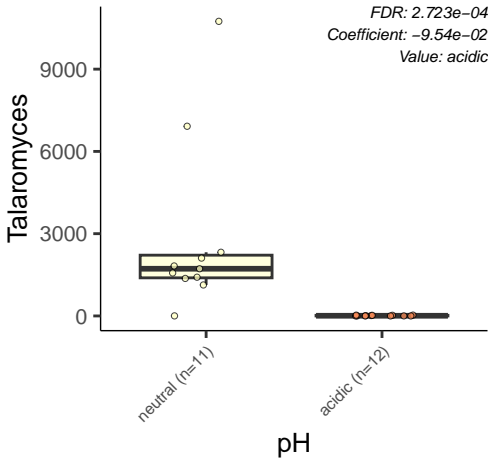
neutral (n=11)

acidic (n=12)

pH

FDR: 2.455e-04
Coefficient: 9.27e-02
Value: acidic





Hyphodiscus

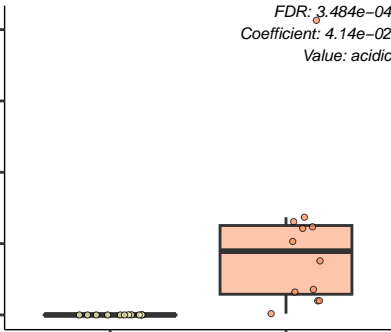
2000
1500
1000
500
0

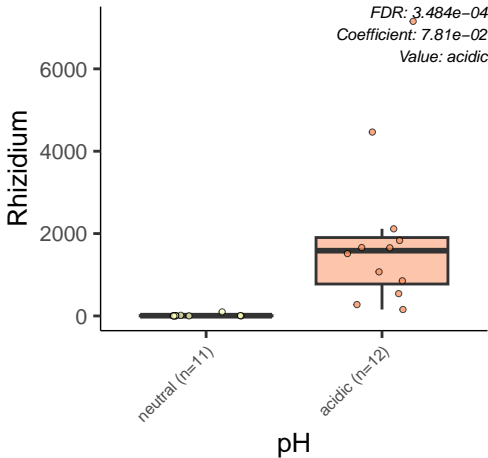
neutral (n=11)

acidic (n=12)

pH

FDR: 3.484e-04
Coefficient: 4.14e-02
Value: acidic





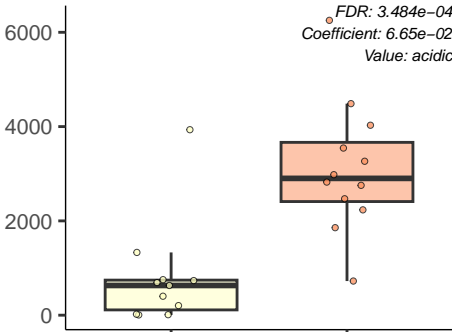
Umbelopsis

FDR: 3.484e-04
Coefficient: 6.65e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sugiyamaella

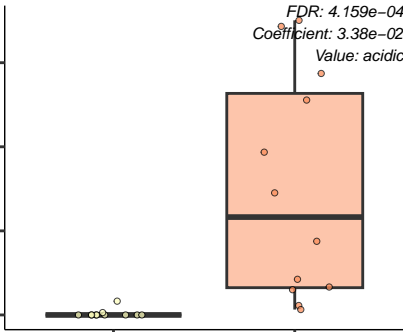
750
500
250
0

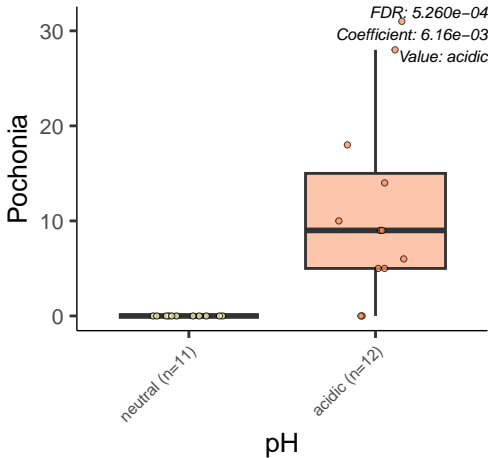
neutral (n=11)

acidic (n=12)

pH

FDR: 4.159×10^{-4}
Coefficient: 3.38×10^{-2}
Value: acidic





FDR: 5.634e-04
Coefficient: 1.34e-02
Value: acidic

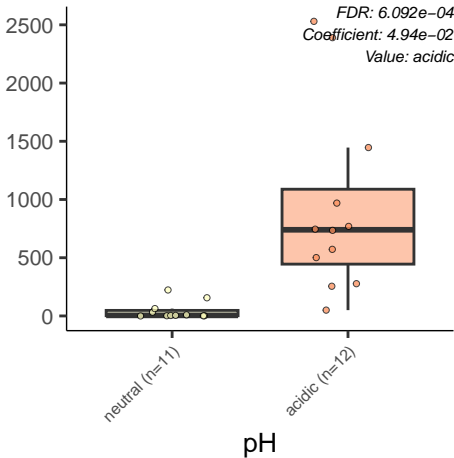


neutral (n=11)

acidic ($n=12$)

pH

Leucosporidium



Humicolopsis

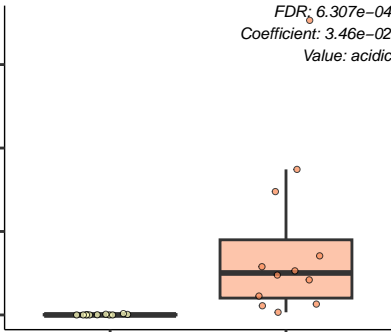
FDR: 6.307e-04
Coefficient: 3.46e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

1500
1000
500
0



Pezoloma

20000

10000

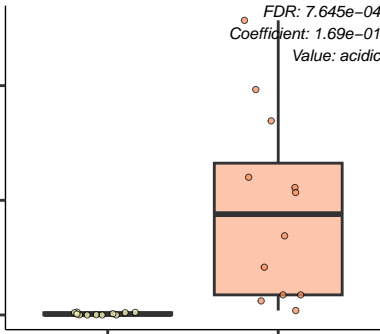
0

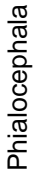
neutral (n=11)

acidic (n=12)

pH

FDR: 7.645e-04
Coefficient: 1.69e-01
Value: acidic





FDR: 1.124e-03

Coefficient: $5.45e-02$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Paraphoma

FDR: 1.388e-03

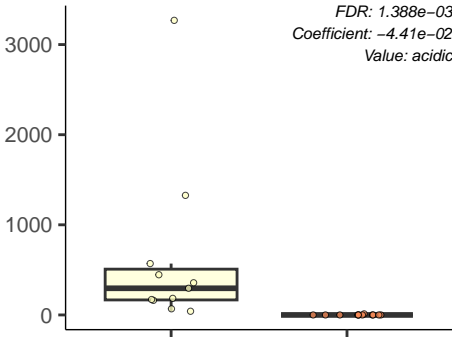
Coefficient: -4.41e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Pletrichocladium

1500

1000

500

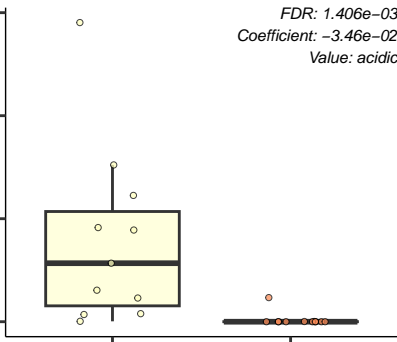
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.406e-03
Coefficient: -3.46e-02
Value: acidic



Cenococcum

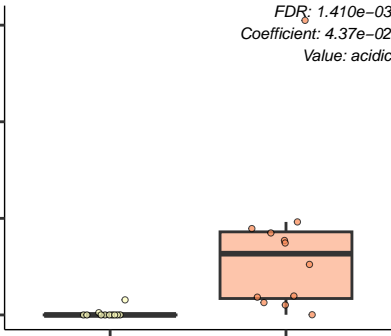
3000
2000
1000
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.410e-03
Coefficient: 4.37e-02
Value: acidic



Allantophomopsiella

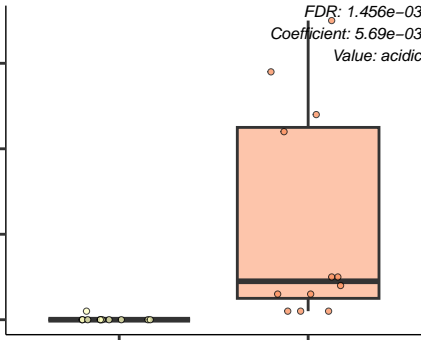
30
20
10
0

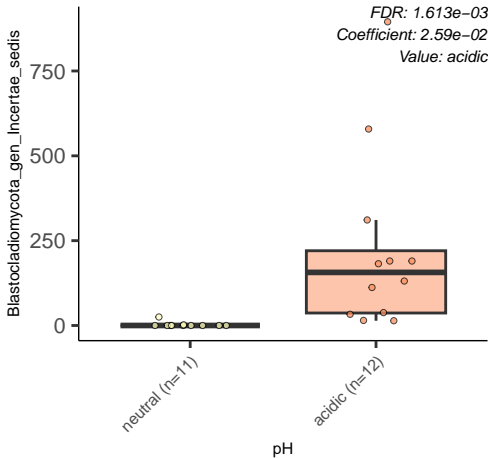
neutral (n=11)

acidic (n=12)

pH

FDR: 1.456e-03
Coefficient: 5.69e-03
Value: acidic





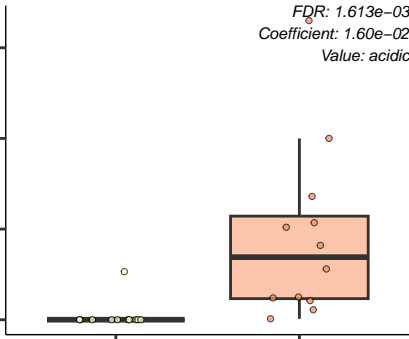
GS15_gen_Incertae_sedis

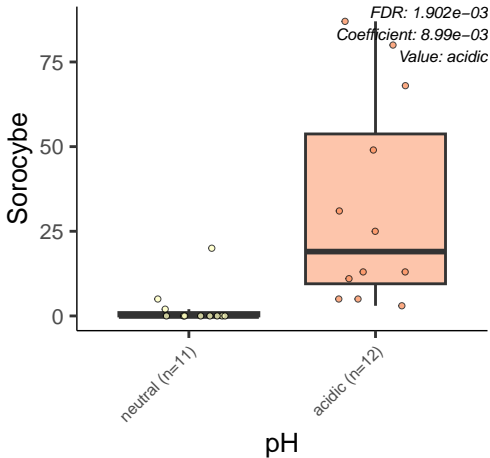
FDR: 1.613e-03
Coefficient: 1.60e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





GS04_gen_Incertae_sedis

100

50

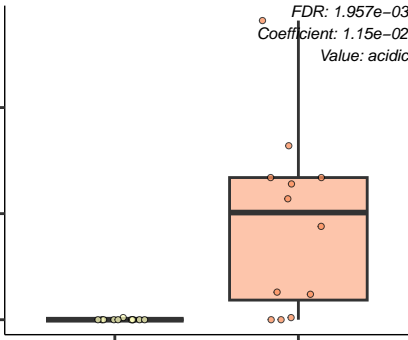
0

neutral (n=11)

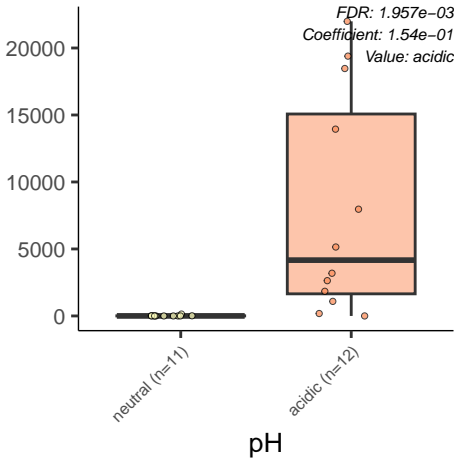
acidic (n=12)

pH

FDR: 1.957e-03
Coefficient: 1.15e-02
Value: acidic



Sclerococcum



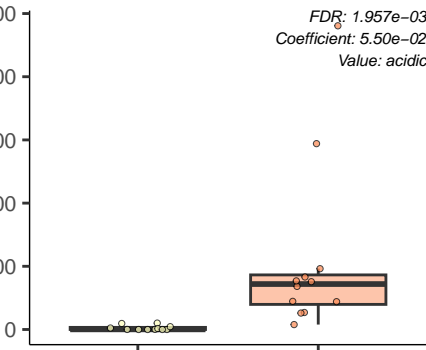
Serendipitaceae_gen_Incertae_sedis

FDR: 1.957e-03
Coefficient: 5.50e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Tyrannosorus

1000

500

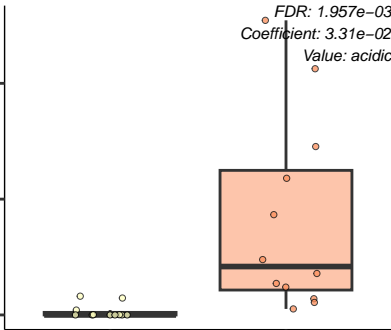
0

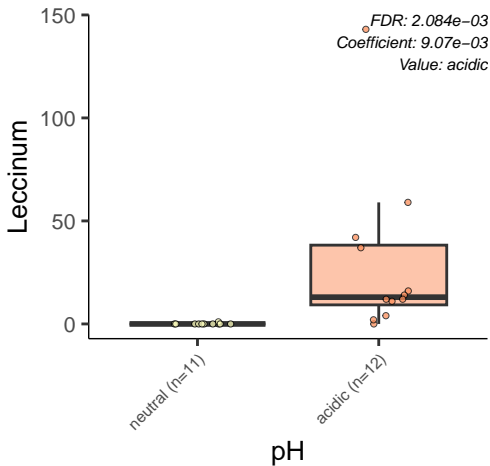
neutral (n=11)

acidic (n=12)

pH

FDR: $1.957e-03$
Coefficient: $3.31e-02$
Value: acidic





Pseudocoleophoma

FDR: 2.084e-03

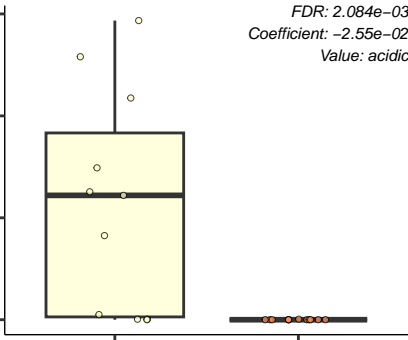
Coefficient: -2.55e-02

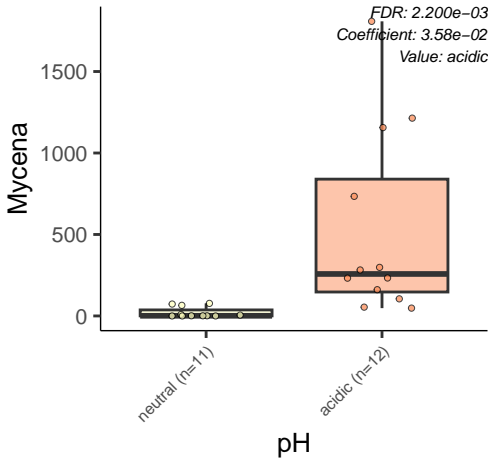
Value: acidic

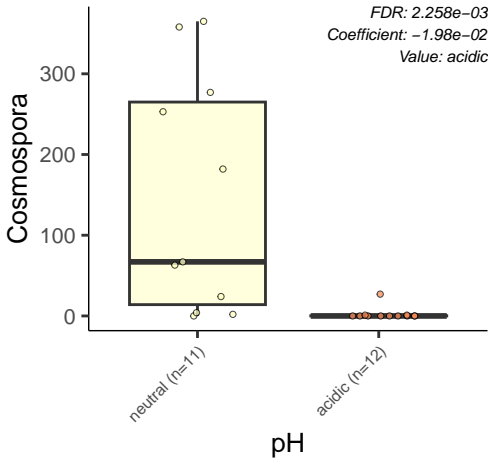
neutral (n=11)

acidic (n=12)

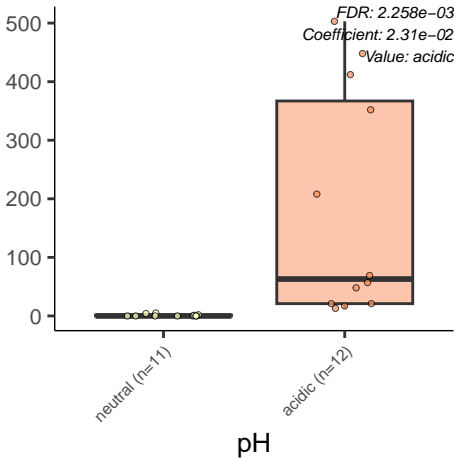
pH



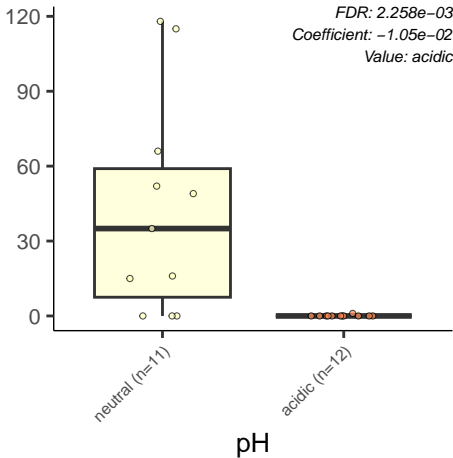


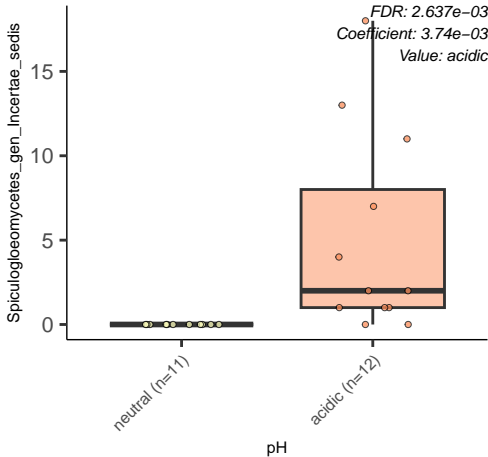


Crociareas



Tricelophorus





Dermateaceae_gen_Incertae_sedis

100

50

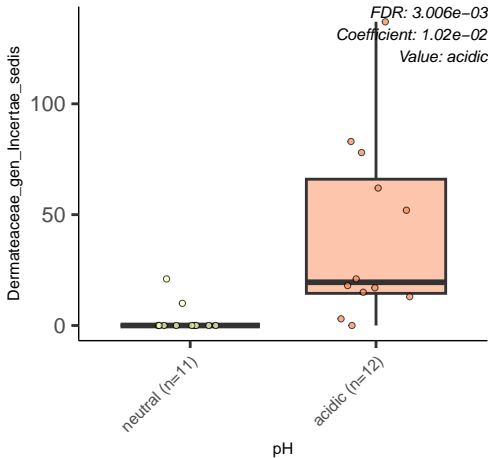
0

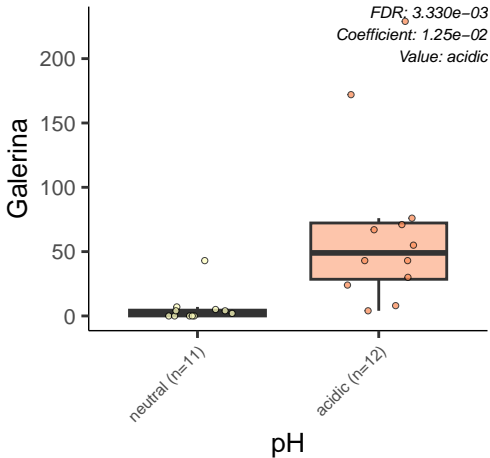
neutral (n=11)

acidic (n=12)

pH

FDR: 3.006e-03
Coefficient: 1.02e-02
Value: acidic





Cephalothecaceae_gen_Incertae_sedis

FDR: 3.627e-03
Coefficient: 7.02e-02
Value: acidic

7500

5000

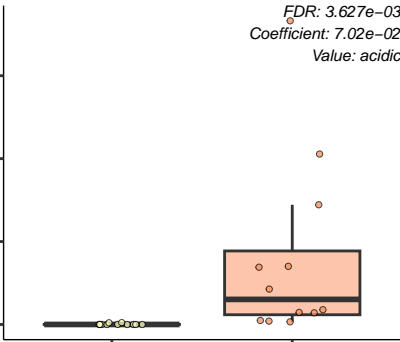
2500

0

neutral (n=11)

acidic (n=12)

pH



Truncatella

1000

500

0

neutral (n=11)

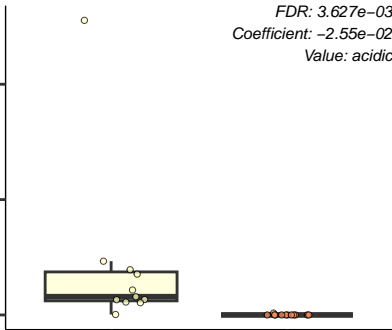
acidic (n=12)

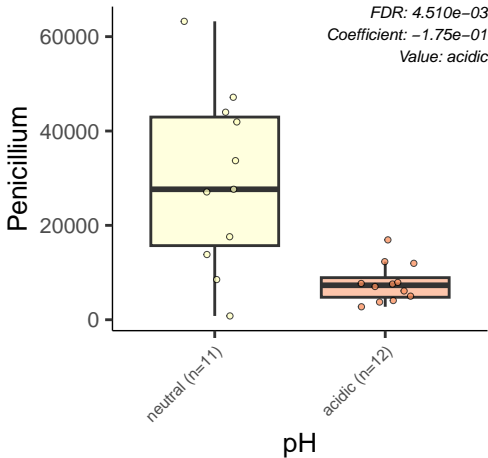
pH

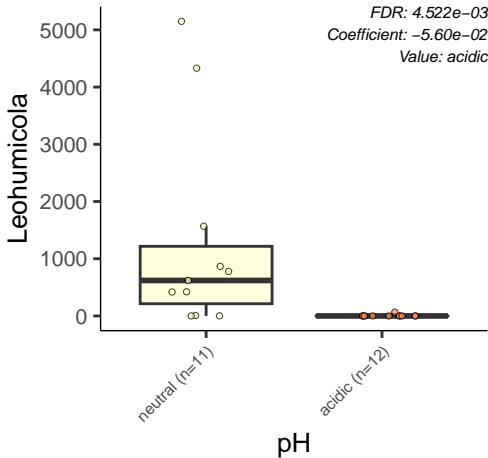
FDR: 3.627e-03

Coefficient: -2.55e-02

Value: acidic







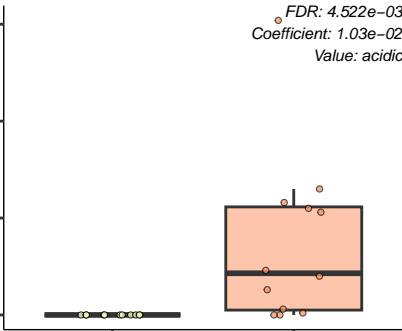
Scleropezicula

FDR: 4.522e-03
Coefficient: 1.03e-02
Value: acidic

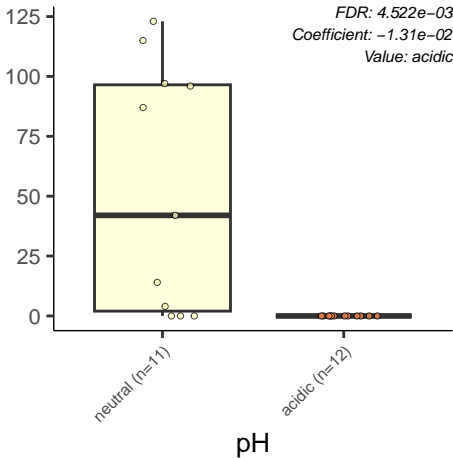
neutral (n=11)

acidic (n=12)

pH



Verrucococcum



Sclerostagonospora

FDR: 4.938e-03

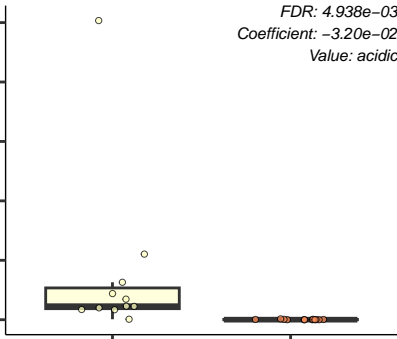
Coefficient: -3.20e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Chytridiales_gen_Incertae_sedis

FDR: 5.362e-03
Coefficient: 1.72e-02
Value: acidic

300

200

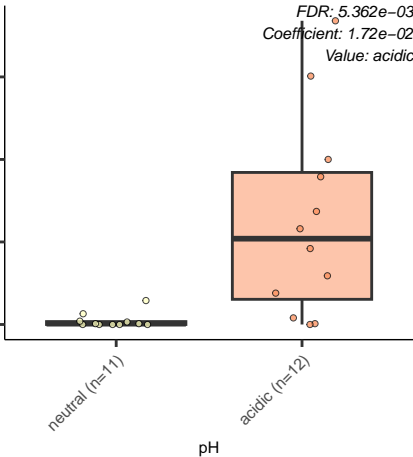
100

0

neutral (n=11)

acidic (n=12)

pH



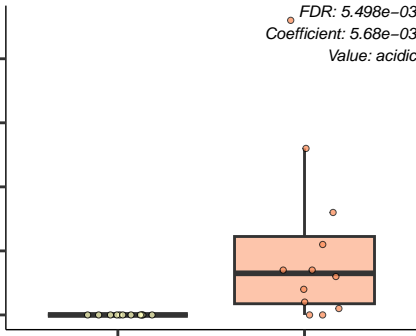
Pseudohyphozyma

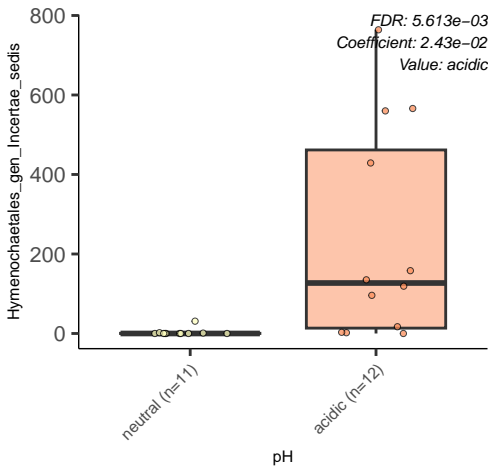
FDR: 5.498e-03
Coefficient: 5.68e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





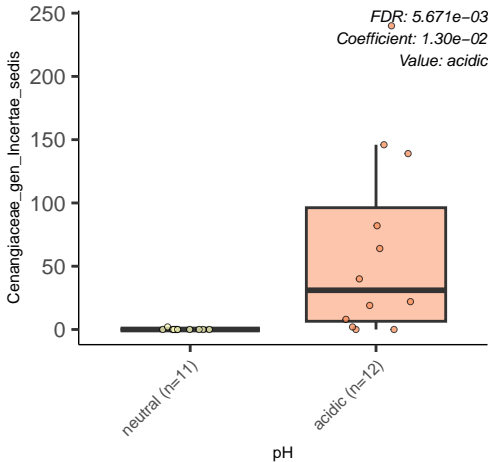
Cenangiaceae_gen_Incertae_sedis

FDR: 5.671e-03
Coefficient: 1.30e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



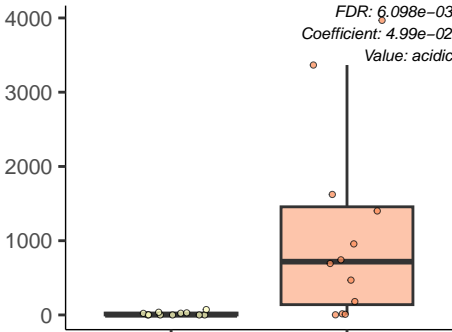
Apiotrichum

FDR: 6.098e-03
Coefficient: 4.99e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



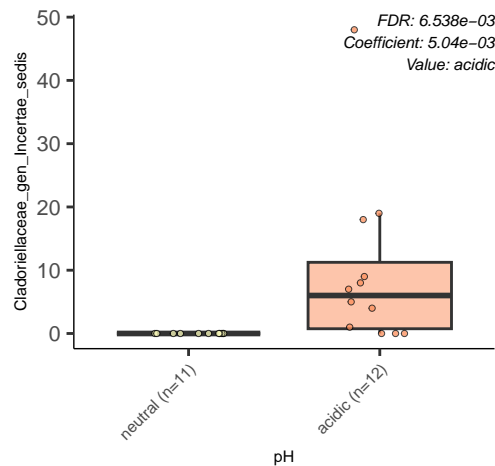
Cladriellaceae_gen_Incertae_sedis

FDR: 6.538e-03
Coefficient: 5.04e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Leptodophora

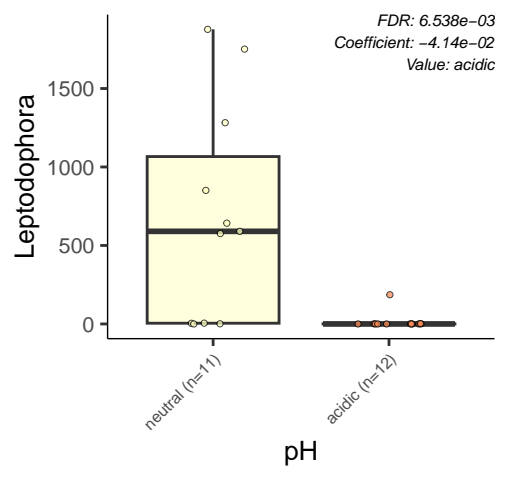
neutral (n=11)

acidic (n=12)

pH

FDR: 6.538e-03
Coefficient: -4.14e-02
Value: acidic

1500
1000
500
0



Babjeviella

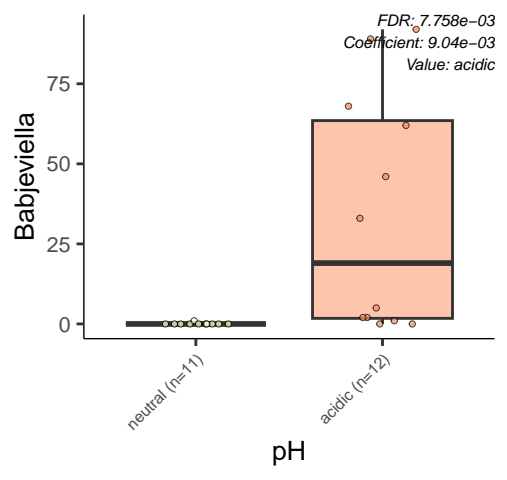
75
50
25
0

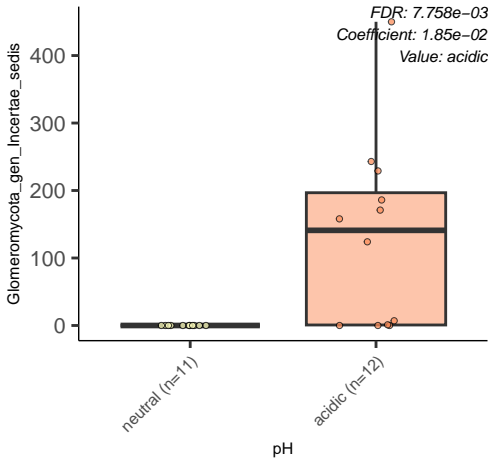
neutral (n=11)

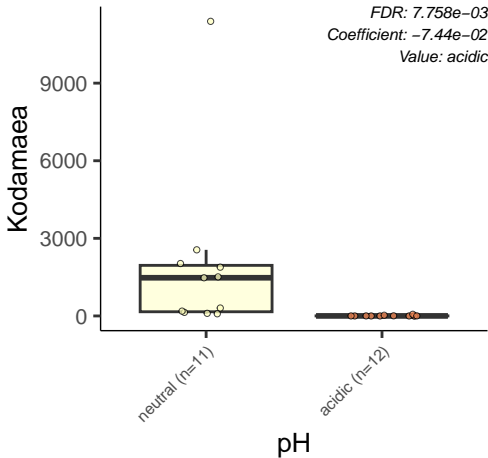
acidic (n=12)

pH

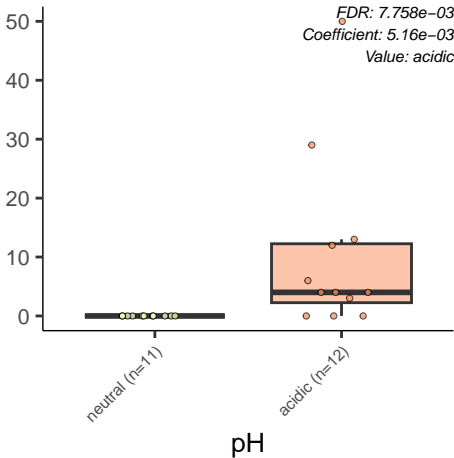
FDR: $7.758e-03$
Coefficient: $9.04e-03$
Value: acidic

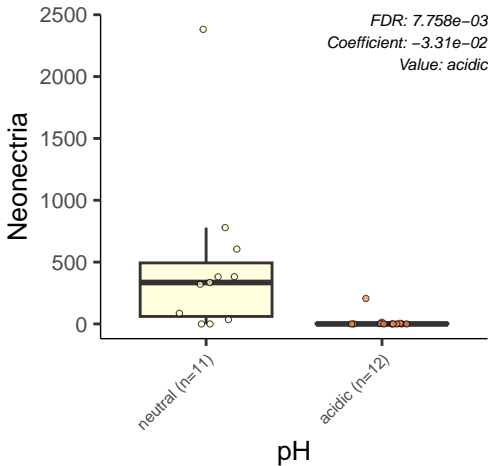


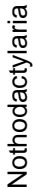




Nagrajchalara







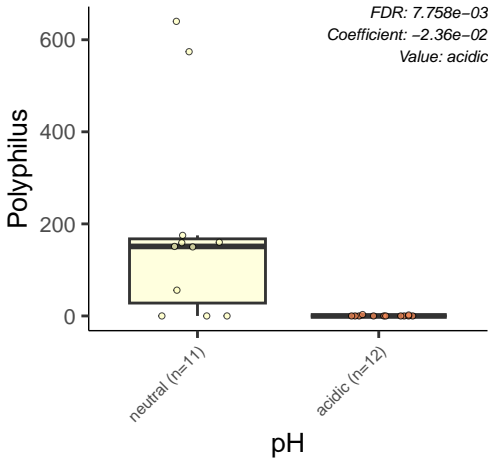
FDR: 7.758e-03

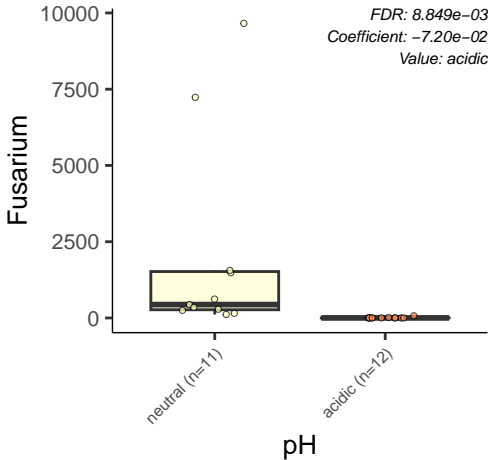
Coefficient: $-7.60e-03$

Value: acidic



pH





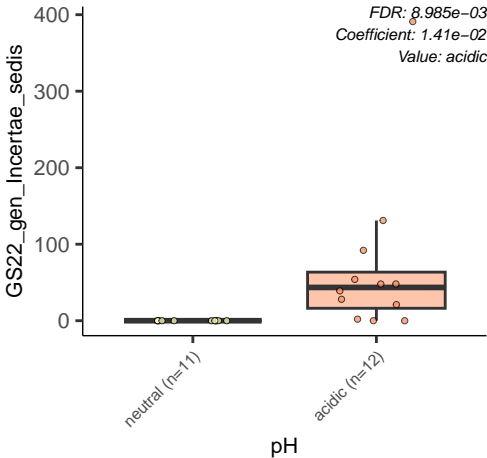
GS22_gen_Incertae_sedis

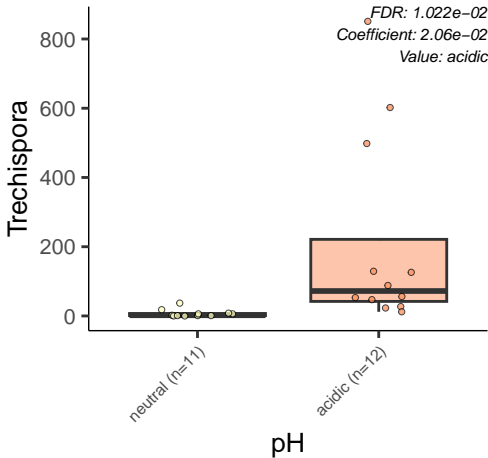
FDR: 8.985e-03
Coefficient: 1.41e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Claussenomyces

FDR: 1.049e-02
Coefficient: 1.91e-02
● *Value: acidic*

400

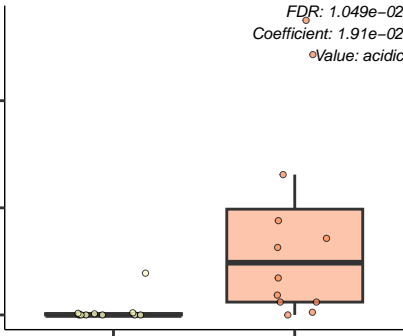
200

0

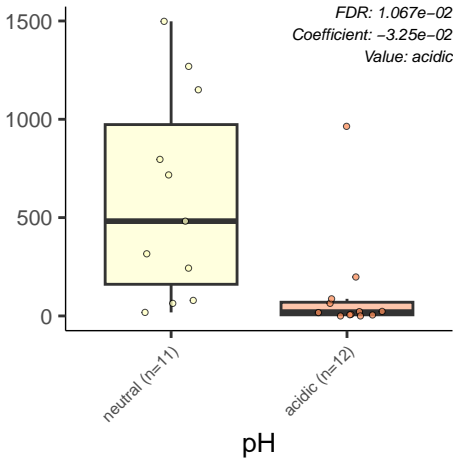
neutral (n=11)

acidic (n=12)

pH



Cadophora



Cladophialophora

FDR: 1.067e-02

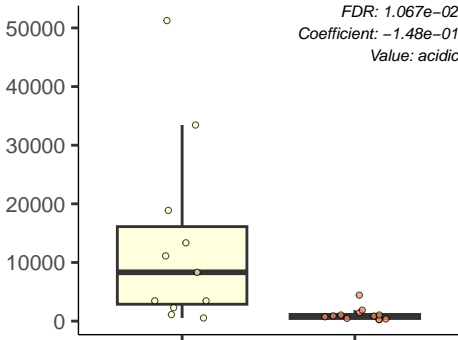
Coefficient: -1.48e-01

Value: acidic

neutral (n=11)

acidic (n=12)

pH



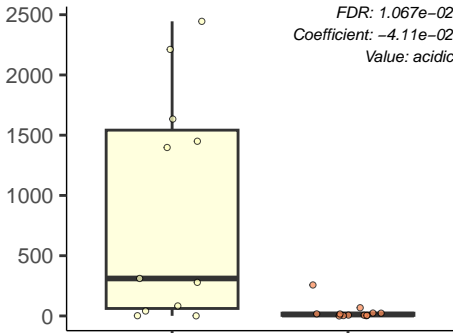
Sporormiella

FDR: 1.067e-02
Coefficient: -4.11e-02
Value: acidic

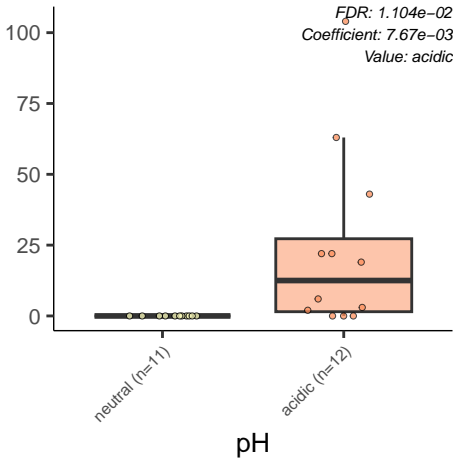
neutral (n=11)

acidic (n=12)

pH



Fayodia



Flammula

40

20

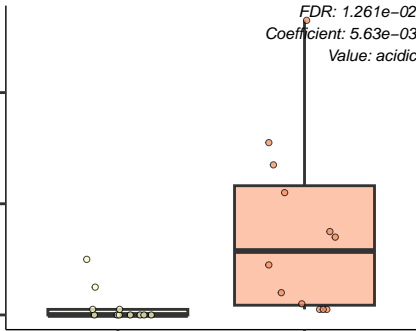
0

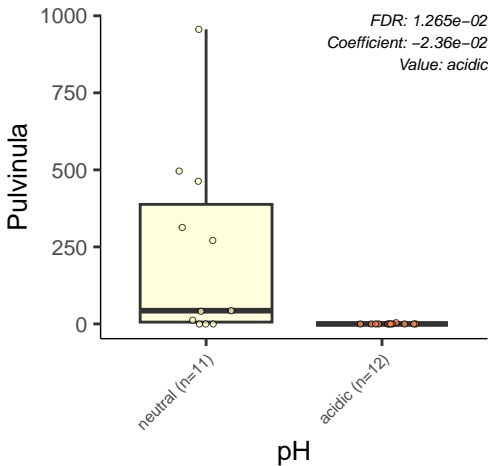
neutral (n=11)

acidic (n=12)

pH

FDR: $1.261e-02$
Coefficient: $5.63e-03$
Value: acidic





Value: acidic



90

60

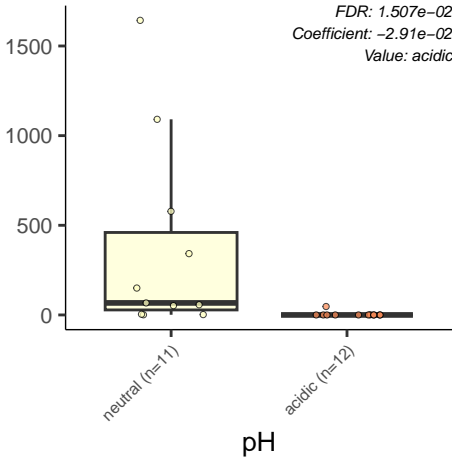
0

neutral (n=11)

acidic ($n=12$)

pH

Value: acidic



Schizothecium

100

50

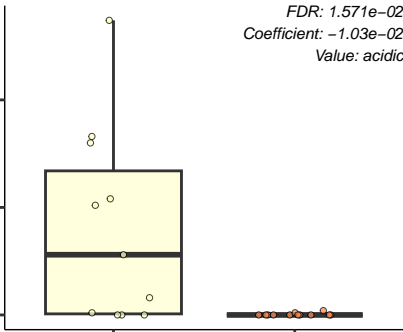
0

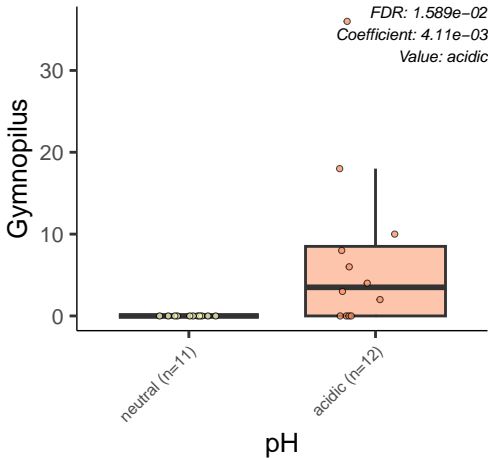
neutral (n=11)

acidic (n=12)

pH

FDR: 1.571e-02
Coefficient: -1.03e-02
Value: acidic





Aspicilia

FDR: $1.630e-02$
Coefficient: $8.04e-03$
Value: acidic

100

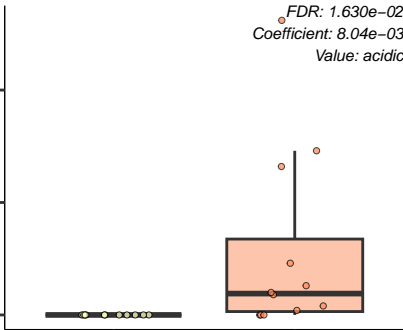
50

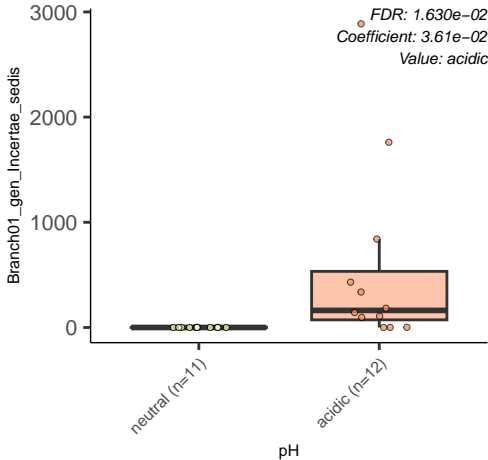
0

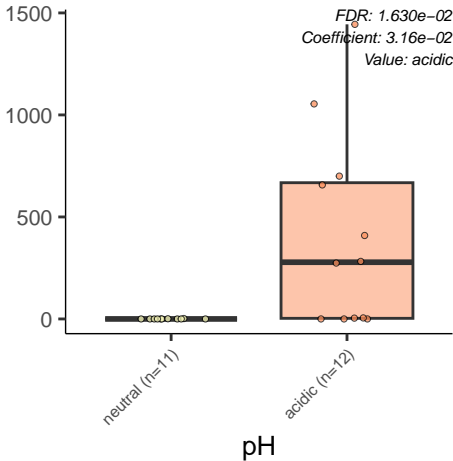
neutral (n=11)

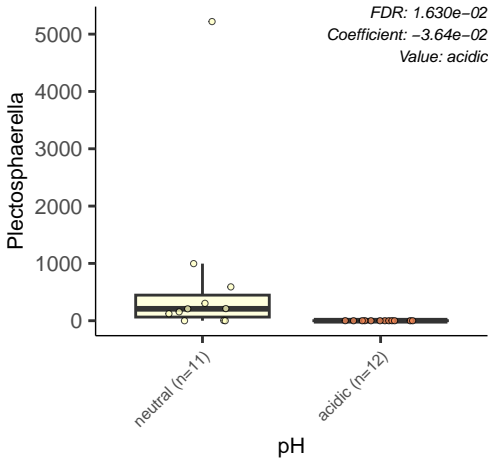
acidic (n=12)

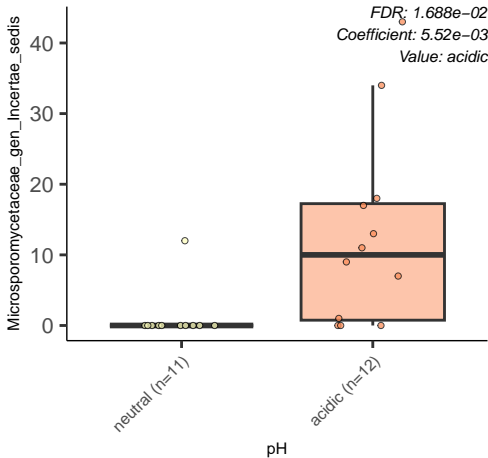
pH



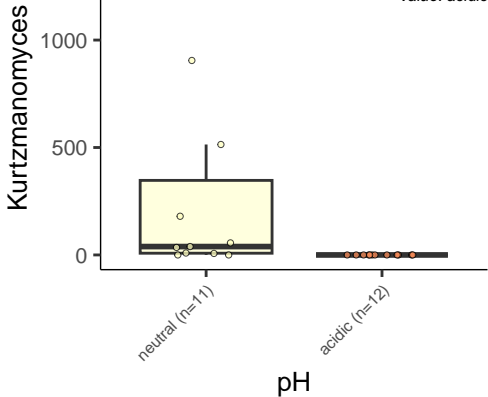


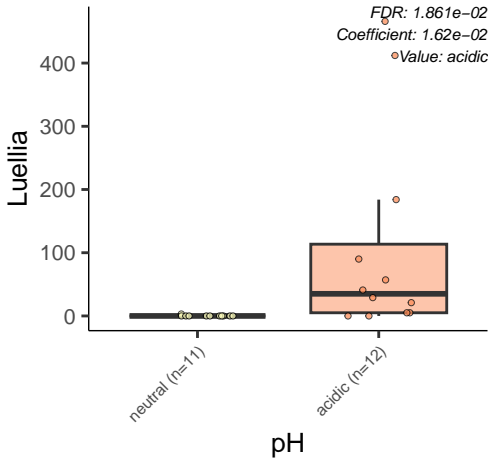






Value: acidic





Syzygospora

neutral (n=11)

acidic (n=12)

pH

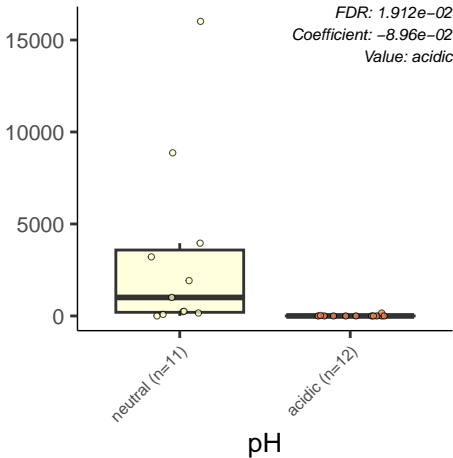
FDR: 1.867e-02
Coefficient: 3.19e-02
Value: acidic

1000

500

0

Tetracladium



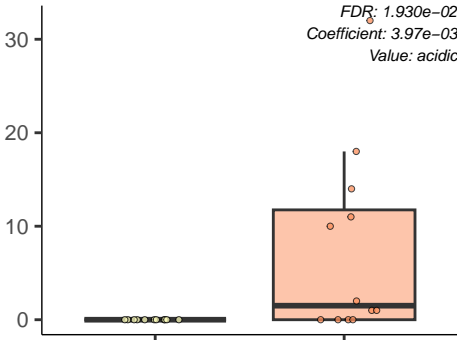
Krasilnikovozyma

FDR: 1.930e-02
Coefficient: 3.97e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



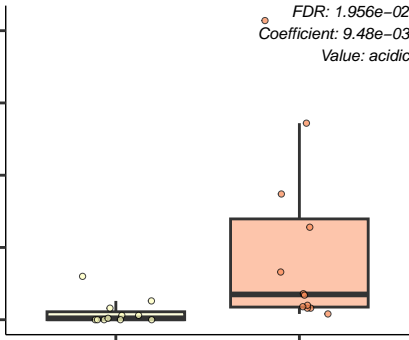
Pseudogymnoascus

FDR: 1.956e-02
Coefficient: 9.48e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



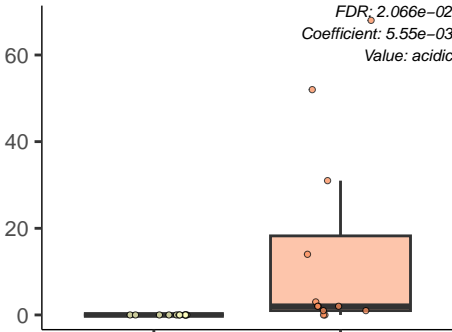
Rhizosphaera

FDR: 2.066e-02
Coefficient: 5.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



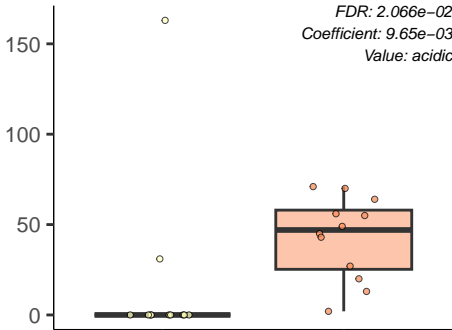
Tremella

FDR: 2.066e-02
Coefficient: 9.65e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Phaeotremella

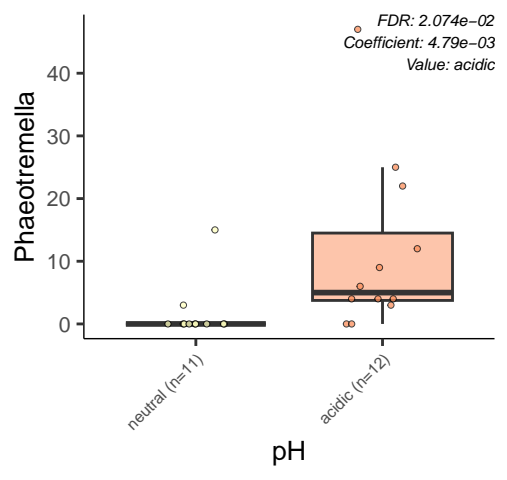
FDR: 2.074e-02
Coefficient: 4.79e-03
Value: acidic

neutral (n=11)

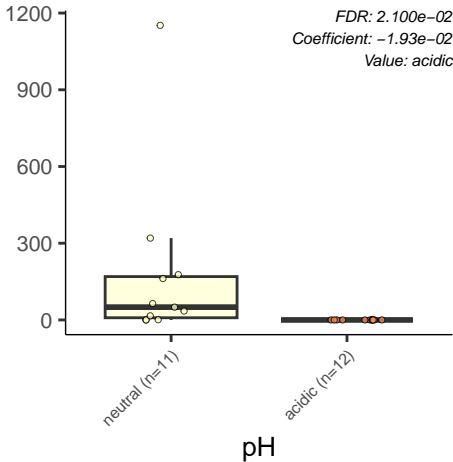
acidic (n=12)

pH

40
30
20
10
0



Phomatospora



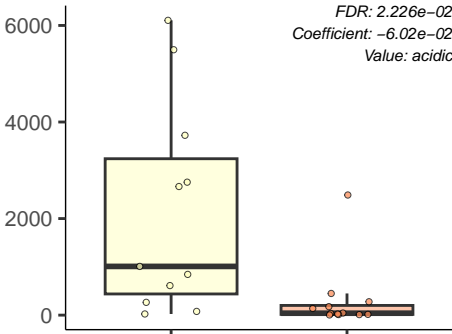
Rhizopogon

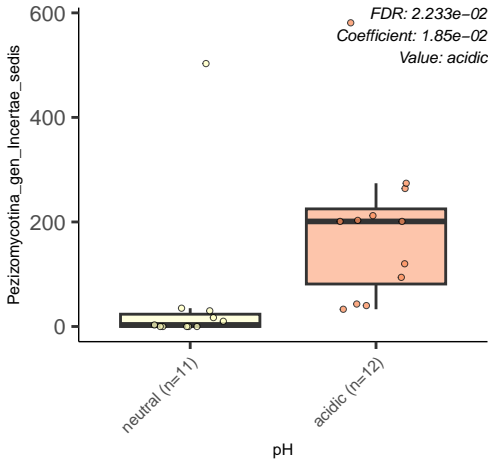
FDR: 2.226e-02
Coefficient: -6.02e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





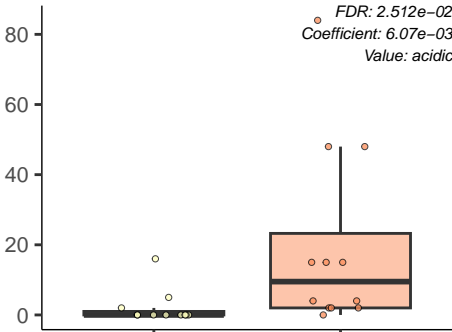
Dothiorella

FDR: 2.512e-02
Coefficient: 6.07e-03
Value: acidic

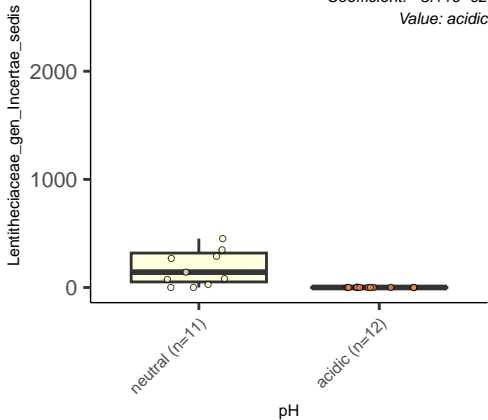
neutral (n=11)

acidic (n=12)

pH



Value: acidic



Tolypocladium

FDR: 2.582e-02
Coefficient: 3.18e-02
Value: acidic

2000

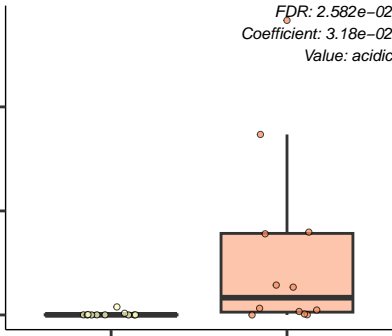
1000

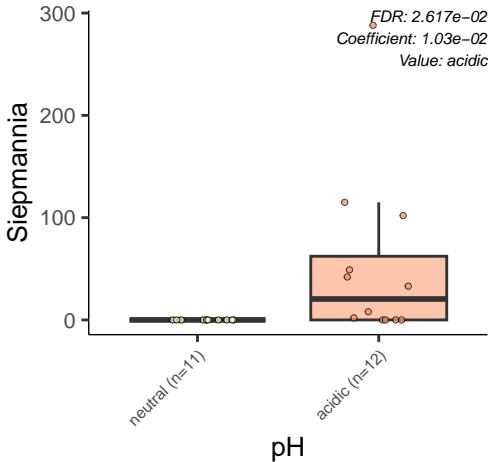
0

neutral (n=11)

acidic (n=12)

pH





Endogonomycetes_gen_Incertae_sedis

FDR: 2.721e-02
Coefficient: 7.76e-03
Value: acidic

150

100

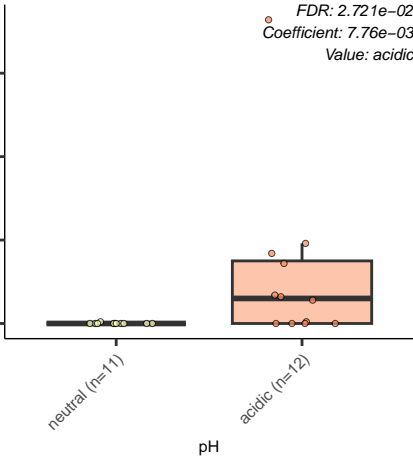
50

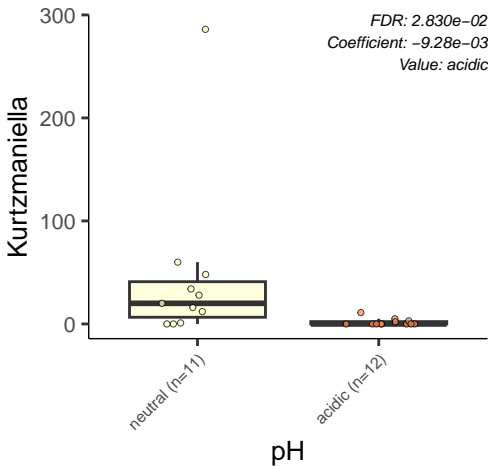
0

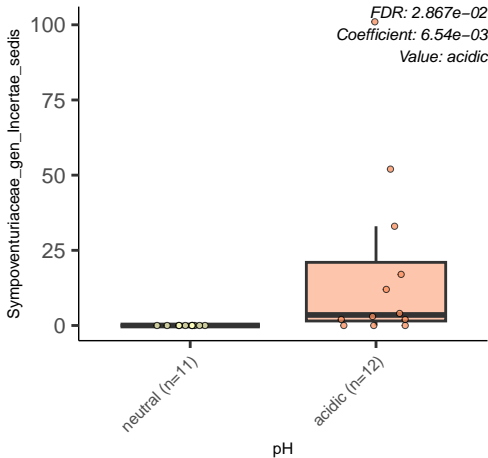
neutral (n=11)

acidic (n=12)

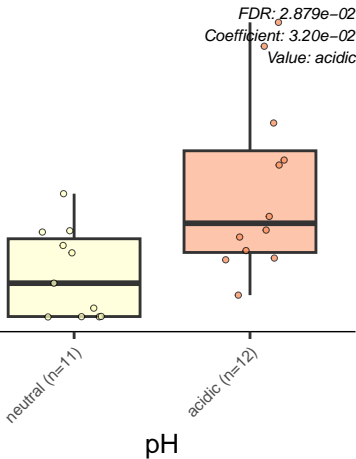
pH







Babjevia



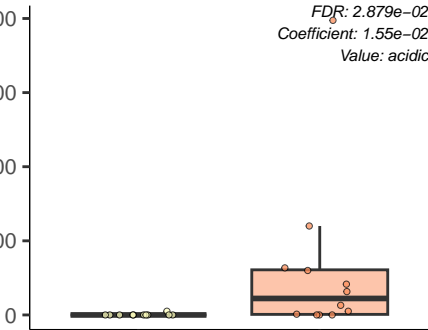
Chaetosphaeria

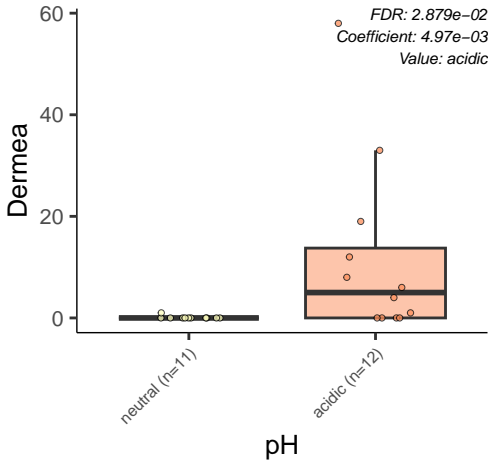
FDR: 2.879e-02
Coefficient: 1.55e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





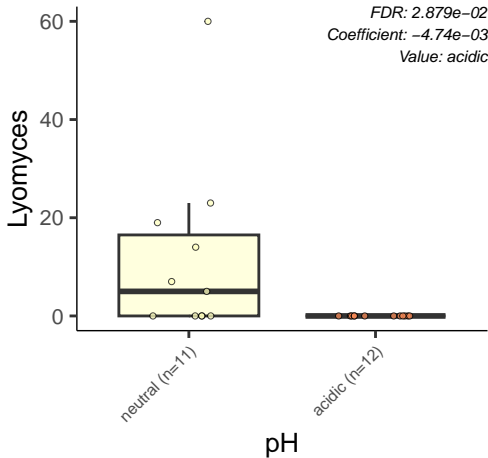
Value: acidic



neutral (n=11)

acidic ($n=12$)

pH



Oidiodendron

FDR: 2.879e-02
Coefficient: 8.55e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

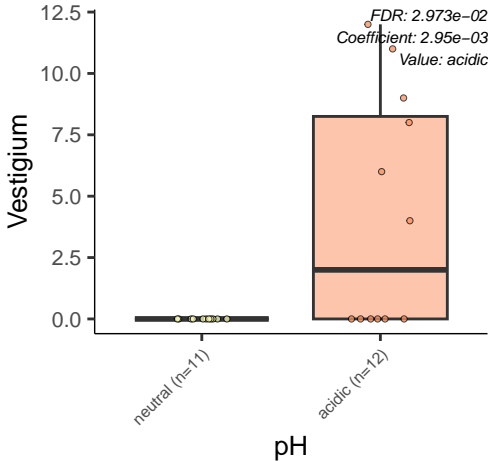
20000

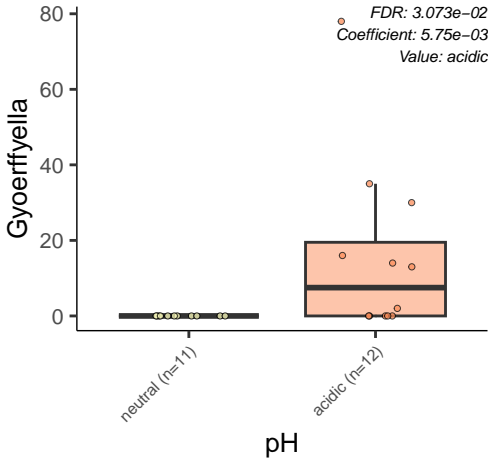
15000

10000

5000

0





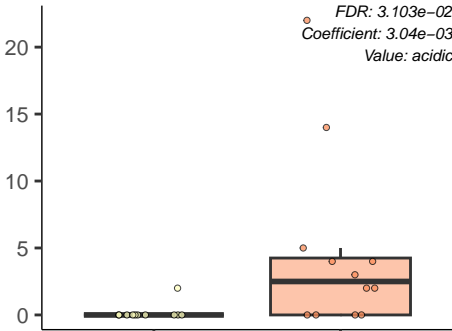
Yamadamyces

FDR: $3.103e-02$
Coefficient: $3.04e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Lecythophora

FDR: 3.153e-02

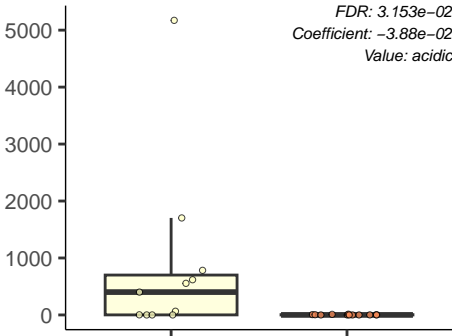
Coefficient: -3.88e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



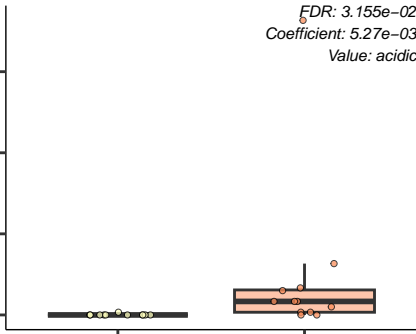
Brahmaculus

FDR: $3.155e-02$
Coefficient: $5.27e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH

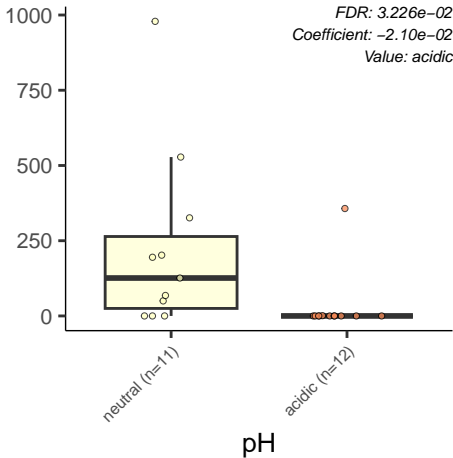


Value: acidic

acidic ($n=12$)

pH

Entimomentora



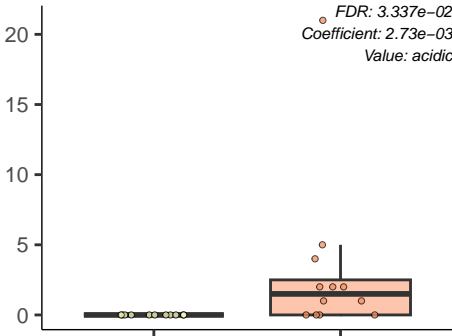
Aphanocladium

FDR: 3.337e-02
Coefficient: 2.73e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Ophiocordycipitaceae_gen_Incertae_sedis

40

20

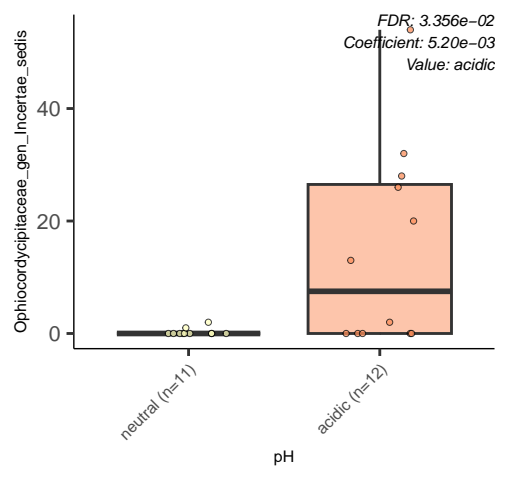
0

neutral (n=11)

acidic (n=12)

pH

FDR: $3.356e-02$
Coefficient: $5.20e-03$
Value: acidic



Tylospora

FDR: $3.356e-02$
Coefficient: $9.47e-02$
Value: acidic

20000

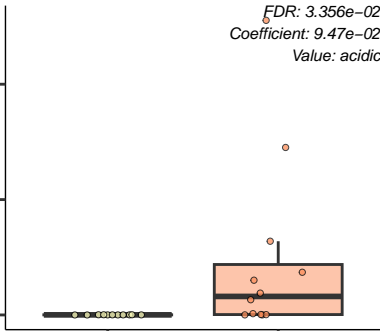
10000

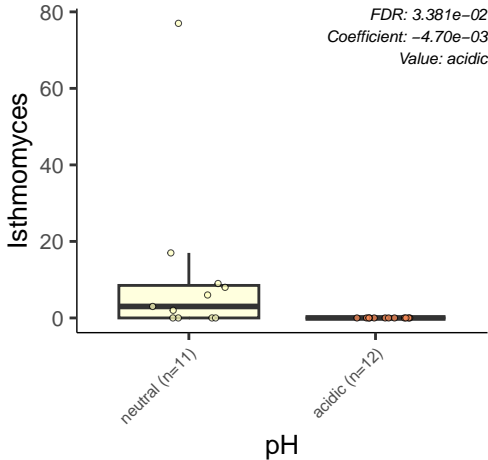
0

neutral (n=11)

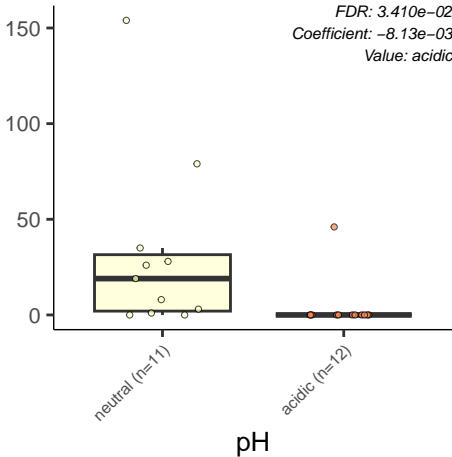
acidic (n=12)

pH





Value: acidic



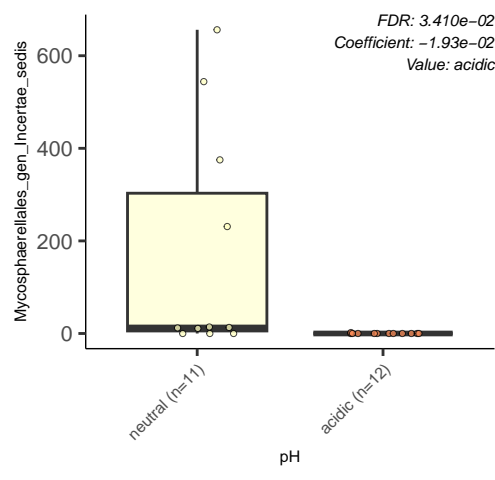
Mycosphaerellales_gen_Incertae_sedis

FDR: 3.410e-02
Coefficient: -1.93e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic



Cylindrosympodium

FDR: 3.528e-02

Coefficient: -1.30e-02

Value: acidic

200

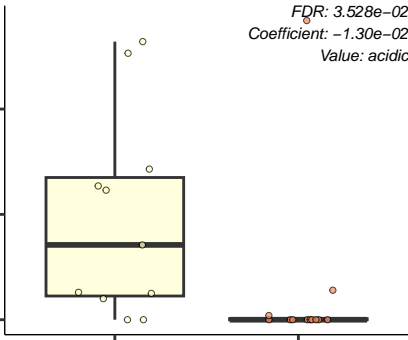
100

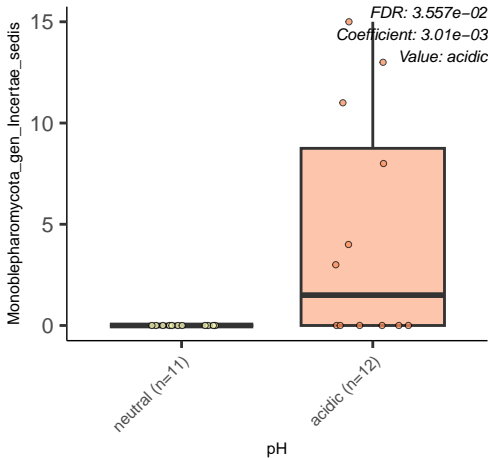
0

neutral (n=11)

acidic (n=12)

pH





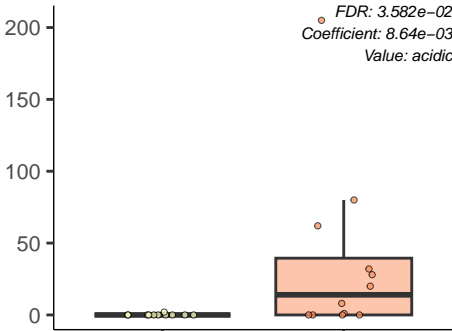
Rhodotorula

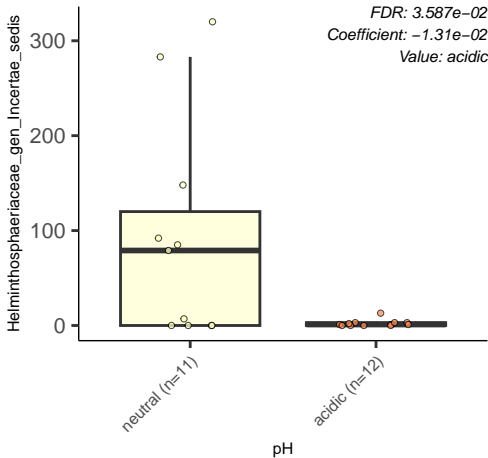
FDR: 3.582e-02
Coefficient: 8.64e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Rhizophagus

FDR: 3.606e-02

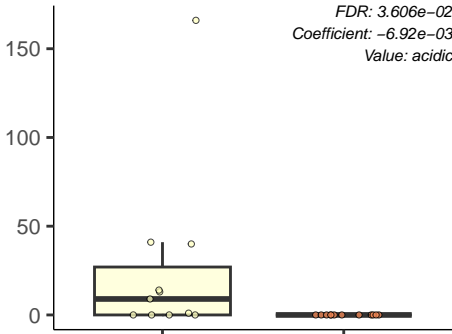
Coefficient: -6.92e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Auriculariales_gen_Incertae_sedis

FDR: 3.696e-02
Coefficient: 1.49e-02
Value: acidic

600

400

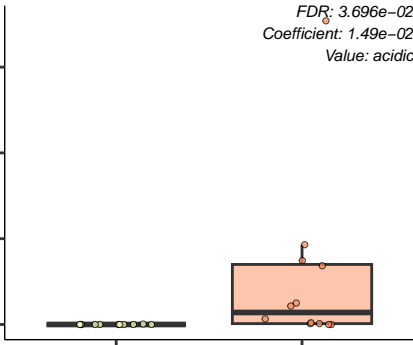
200

0

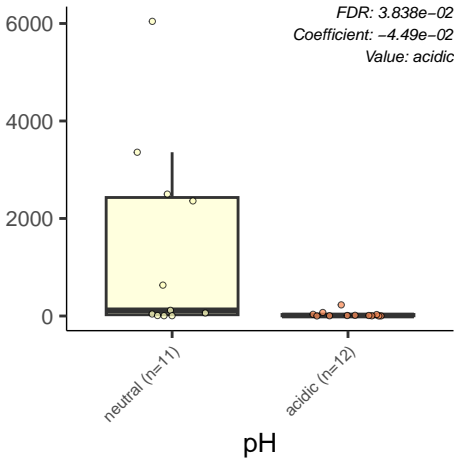
neutral (n=11)

acidic (n=12)

pH



Thelephora



Genolevuria

FDR: 3.949e-02
Coefficient: 1.17e-02
Value: acidic

200

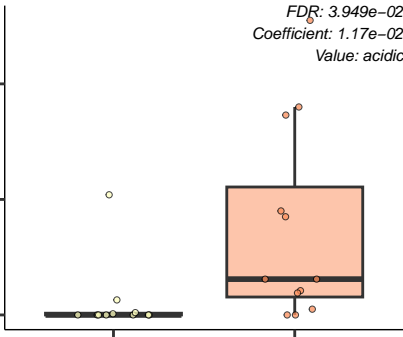
100

0

neutral (n=11)

acidic (n=12)

pH





FDR: 3.952e-02

Coefficient: $-7.39e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Endogonales_gen_Incertae_sedis

FDR: $3.952e-02$
Coefficient: $4.64e-03$
Value: acidic

60

40

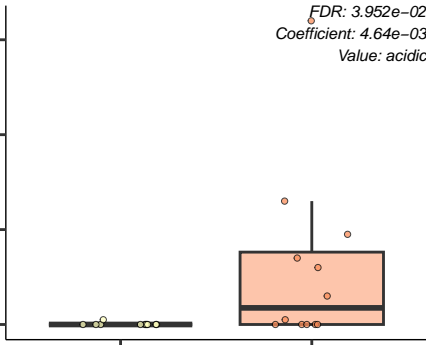
20

0

neutral (n=11)

acidic (n=12)

pH



Geomyces

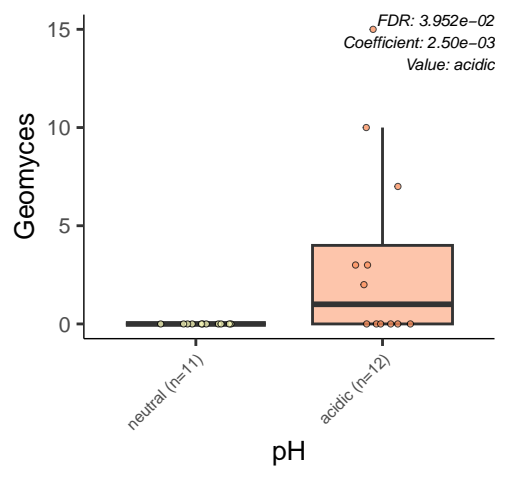
15
10
5
0

neutral (n=11)

acidic (n=12)

pH

FDR: $3.952e-02$
Coefficient: $2.50e-03$
Value: acidic



Herpotrichiellaceae_gen_Incertae_sedis

FDR: 3.952e-02
Coefficient: 6.27e-02
Value: acidic

7500

5000

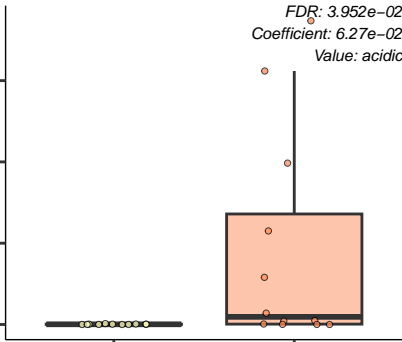
2500

0

neutral (n=11)

acidic (n=12)

pH



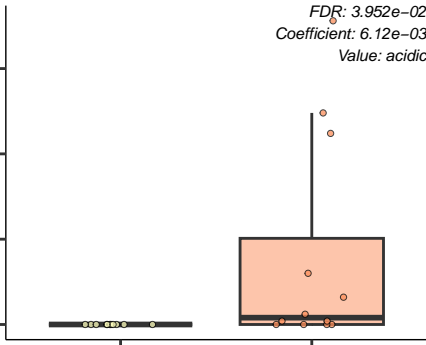
Mortierellomycetes_gen_Incertae_sedis

FDR: 3.952e-02
Coefficient: 6.12e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Pseudoplectania

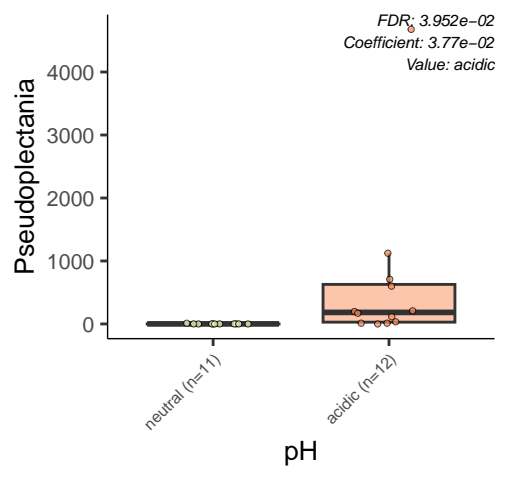
FDR: 3.952e-02
Coefficient: 3.77e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

4000
3000
2000
1000
0



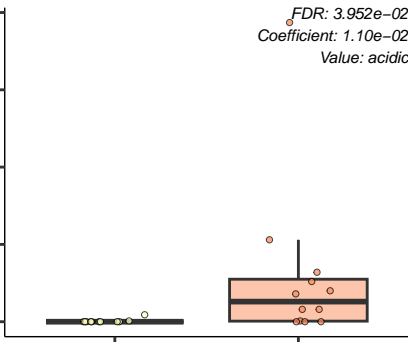
Synnemapestaloides

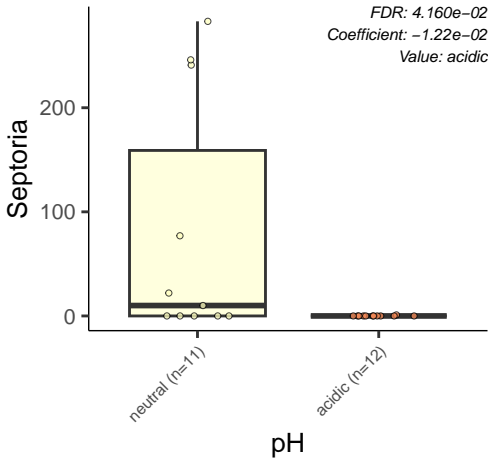
FDR: 3.952e-02
Coefficient: 1.10e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Scleroconidioma

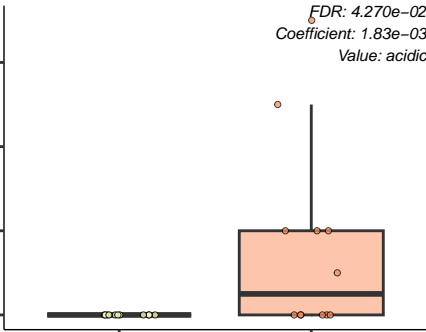
FDR: $4.270e-02$
Coefficient: $1.83e-03$
Value: acidic

neutral (n=11)

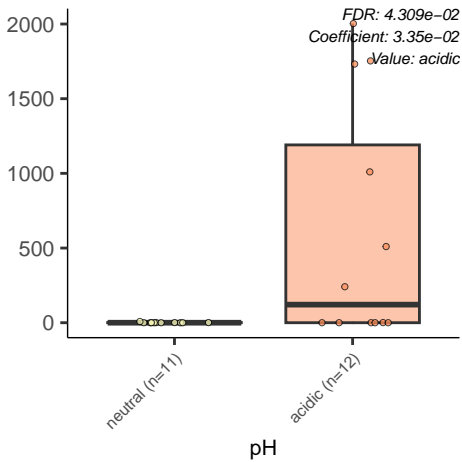
acidic (n=12)

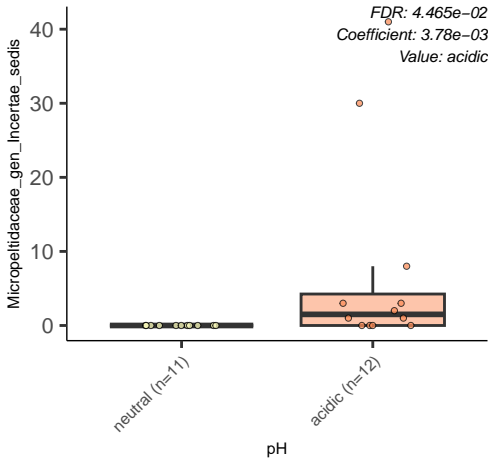
pH

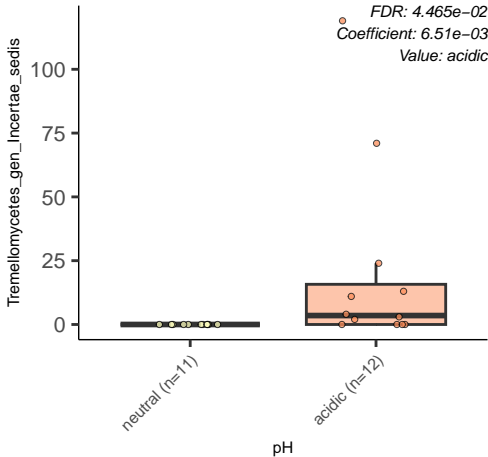
6
4
2
0



GS12_gen_Incertae_sedis







Sanchytriaceae_gen_Incertae_sedis

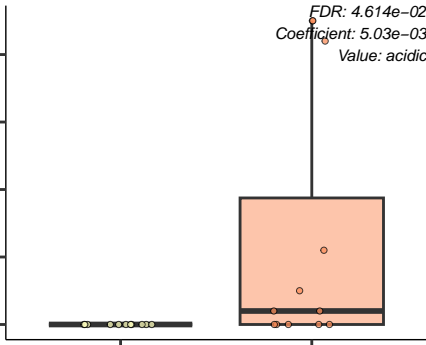
40
30
20
10
0

neutral (n=11)

acidic (n=12)

pH

FDR: $4.614e-02$
Coefficient: $5.03e-03$
Value: acidic



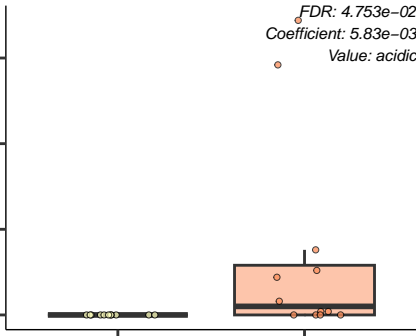
Haplographium

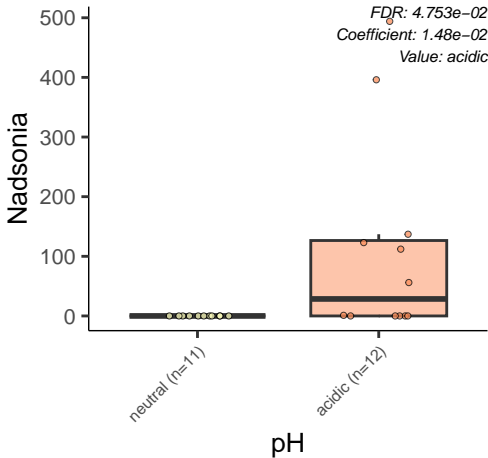
FDR: 4.753e-02
Coefficient: 5.83e-03
Value: acidic

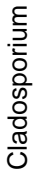
neutral (n=11)

acidic (n=12)

pH







20000

15000

10000

5000

0

neutral (n=11)

acidic ($n=12$)

pH

FDR: 4.821e-02

Coefficient: $-8.53e-02$

Value: acidic

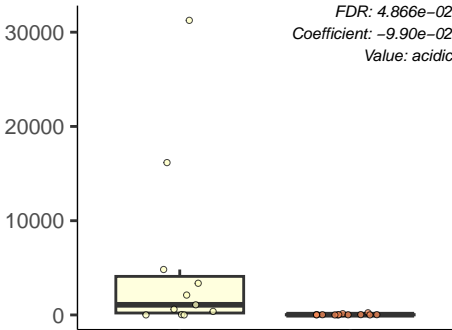
Cryptococcus

neutral (n=11)

acidic (n=12)

pH

FDR: 4.866e-02
Coefficient: -9.90e-02
Value: acidic



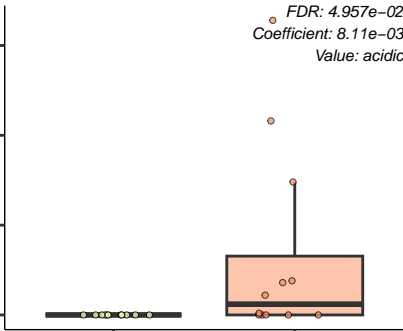
Coccomyces

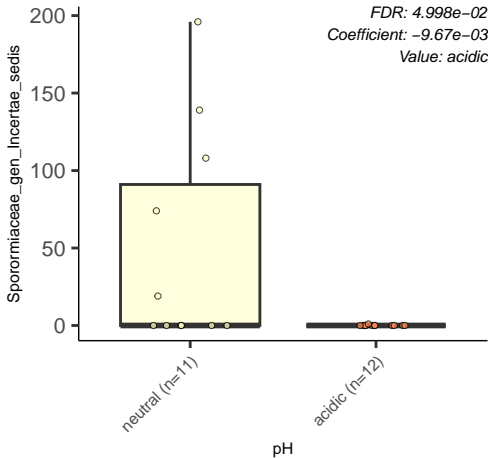
FDR: 4.957e-02
Coefficient: 8.11e-03
Value: acidic

neutral (n=11)

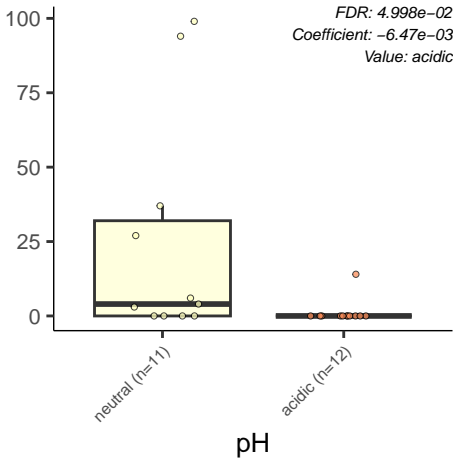
acidic (n=12)

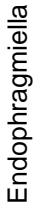
pH





Trichosporiella





FDR: 5.080e-02

Coefficient: $1.46e-02$

Value: acidic



pH

Sakaguchia

100

50

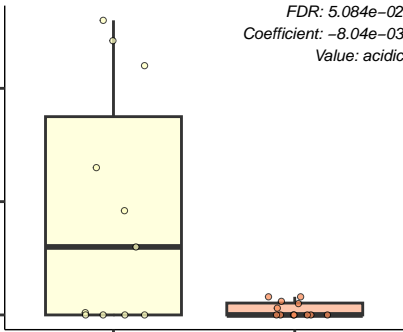
0

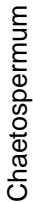
neutral (n=11)

acidic (n=12)

pH

FDR: 5.084e-02
Coefficient: -8.04e-03
Value: acidic





FDR: 5.103e-02

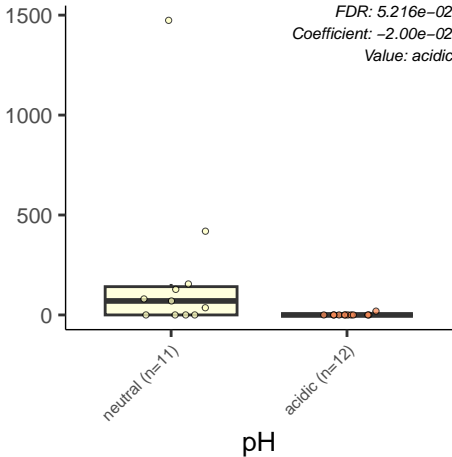
Coefficient: $-1.08e-02$

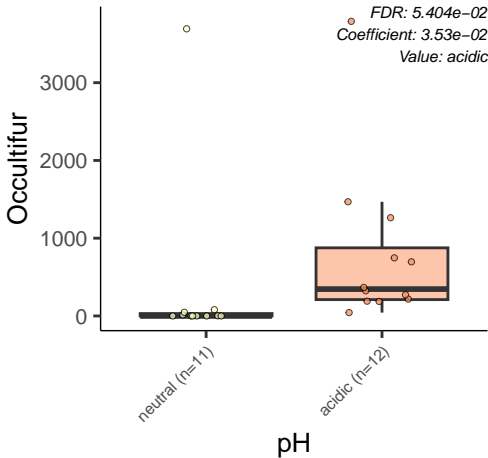
Value: acidic



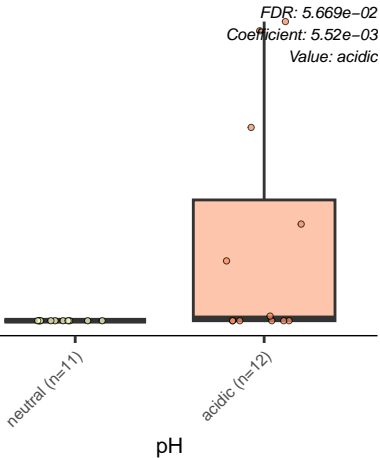
pH

Value: acidic





Ballistosporomyces



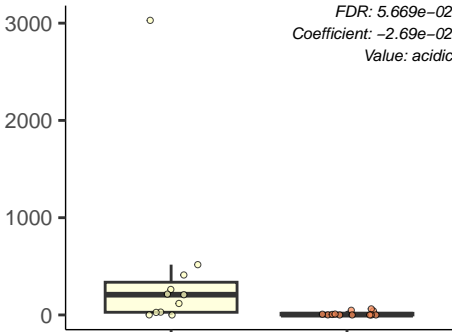
Ceratobasidium

neutral (n=11)

acidic (n=12)

pH

FDR: 5.669e-02
Coefficient: -2.69e-02
Value: acidic



Psoroglaena

FDR: $6.185e-02$

Coefficient: $-2.27e-02$

Value: acidic

2000

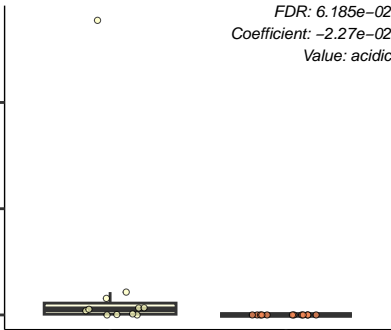
1000

0

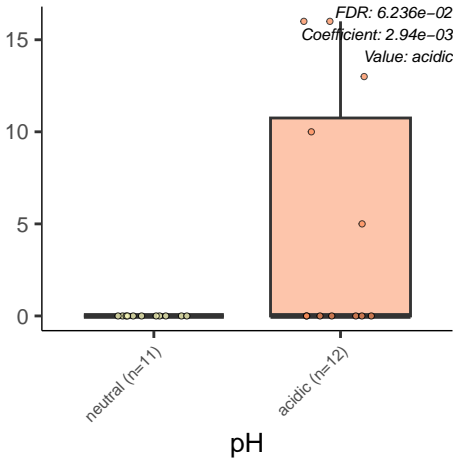
neutral (n=11)

acidic (n=12)

pH



Calycellina



Drechmeria

FDR: 6.236e-02

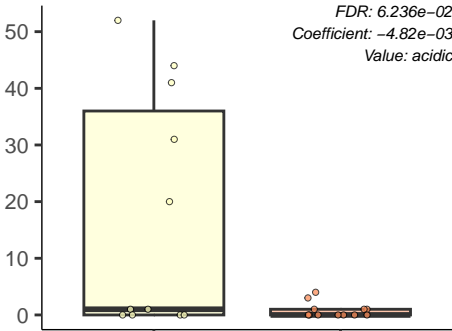
Coefficient: -4.82e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



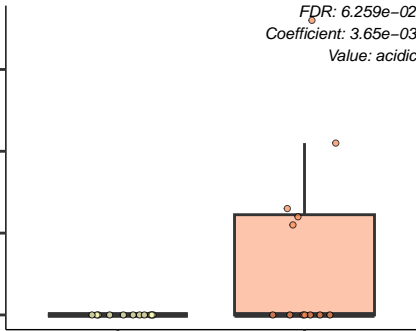
Meniscomyces

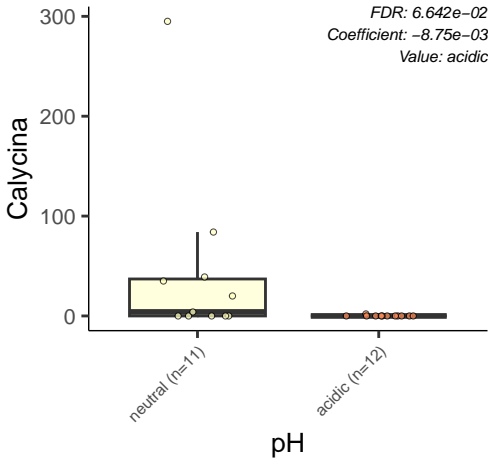
FDR: 6.259e-02
Coefficient: 3.65e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





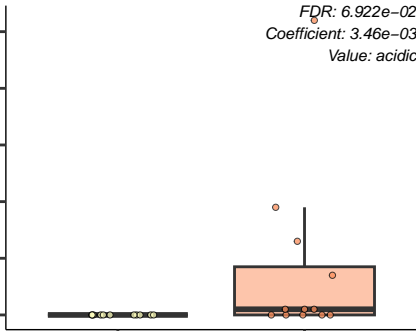
Gloeopycnis

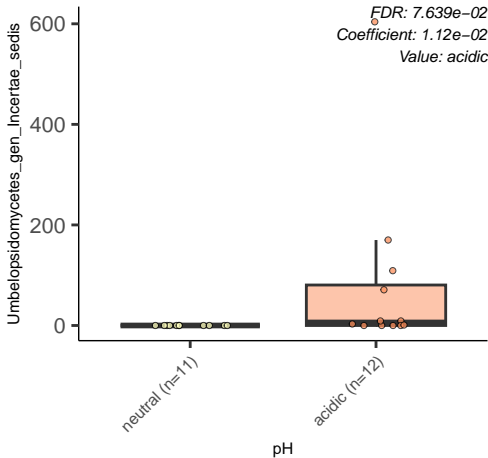
FDR: 6.922e-02
Coefficient: 3.46e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Chionosphaeraceae_gen_Incertae_sedis

FDR: 7.765e-02
Coefficient: -6.24e-03
Value: acidic

100

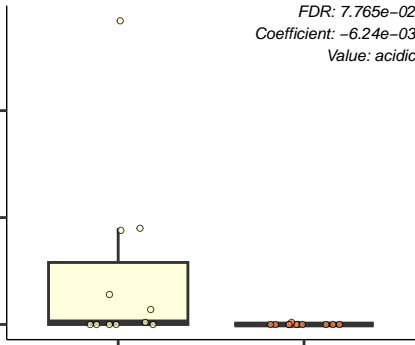
50

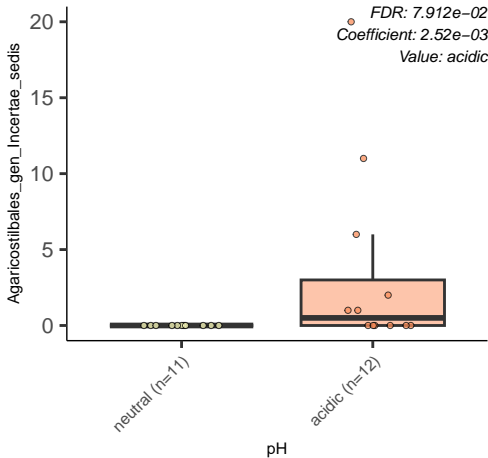
0

neutral (n=11)

acidic (n=12)

pH





Basidiobolus

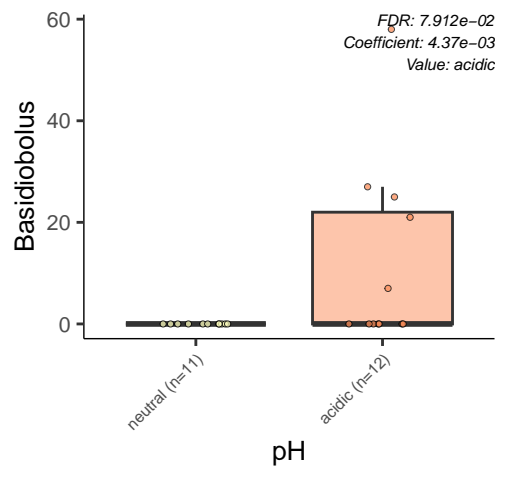
60
40
20
0

neutral (n=11)

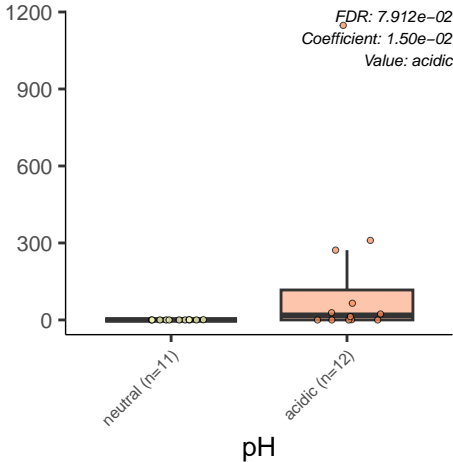
acidic (n=12)

pH

FDR: 7.912e-02
Coefficient: 4.37e-03
Value: acidic



Ceraceomyces



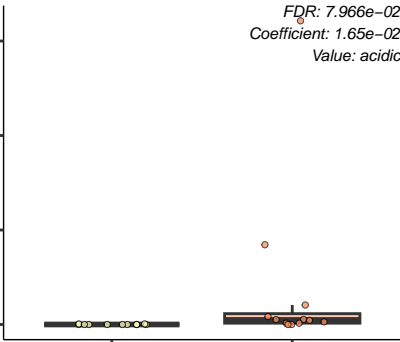
Filobasidiales_gen_Incertae_sedis

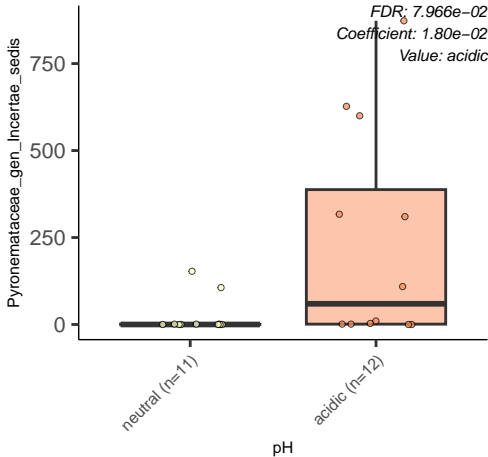
FDR: 7.966e-02
Coefficient: 1.65e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





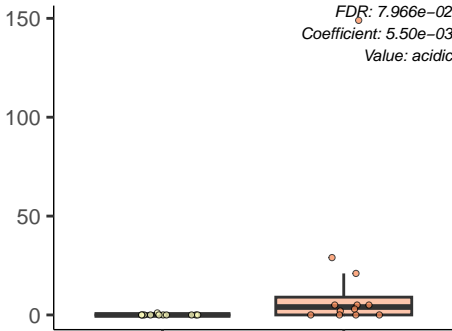
Renatobasidium

FDR: 7.966e-02
Coefficient: 5.50e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Lipomycetaceae_gen_Incertae_sedis

FDR: 8.087e-02
Coefficient: 2.08e-03
Value: acidic

10

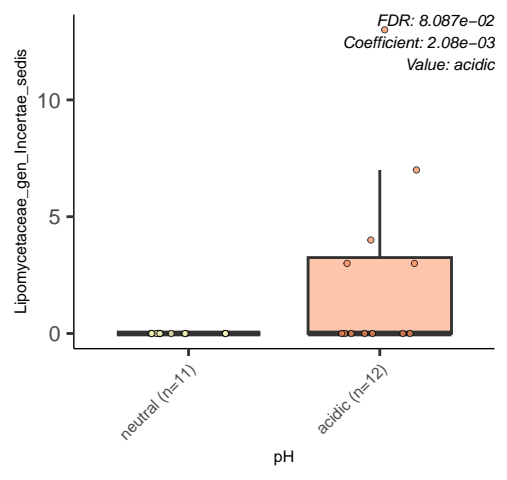
5

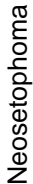
0

neutral (n=11)

acidic (n=12)

pH





FDR: 8.087e-02

Coefficient: $-1.29e-02$

Value: acidic



pH

Taenioclella

FDR: 8.214e-02

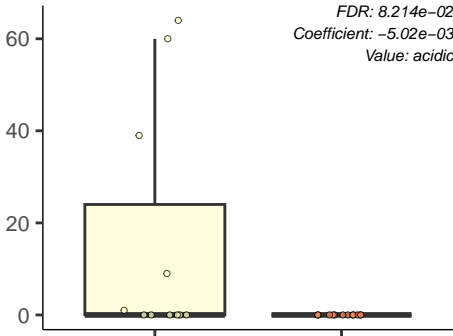
Coefficient: -5.02e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Perennicordyceps

neutral (n=11)

acidic (n=12)

pH

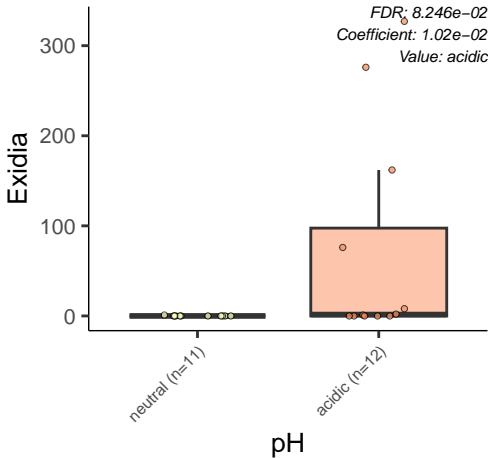
FDR: $8.216e-02$
Coefficient: $4.00e-03$
Value: acidic

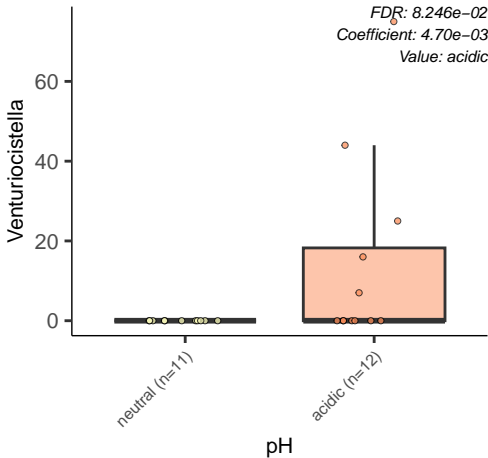
30

20

10

0





Eurotiales_gen_Incertae_sedis

FDR: 8.262e-02
Coefficient: 1.11e-02
Value: acidic

400

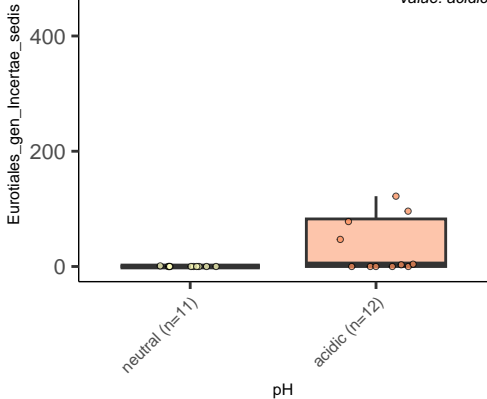
200

0

neutral (n=11)

acidic (n=12)

pH



Myxozyma

10000

5000

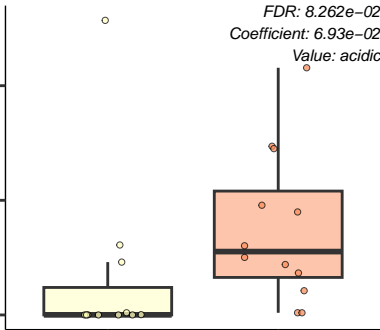
0

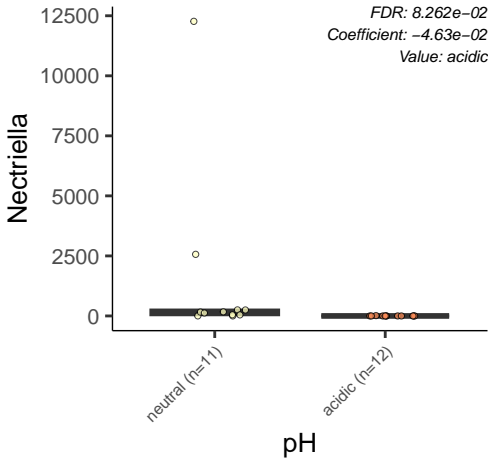
neutral (n=11)

acidic (n=12)

pH

FDR: 8.262e-02
Coefficient: 6.93e-02
Value: acidic





Roesleria

FDR: 8.262e-02
Coefficient: 2.18e-03
Value: acidic

neutral (n=11)

acidic (n=12)

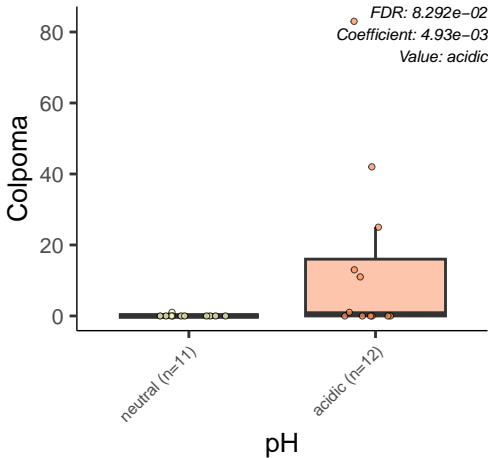
pH

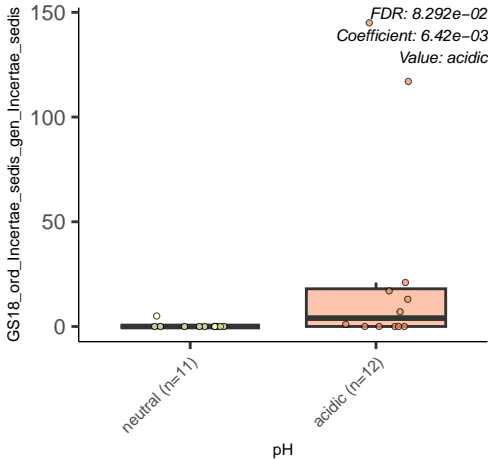
15

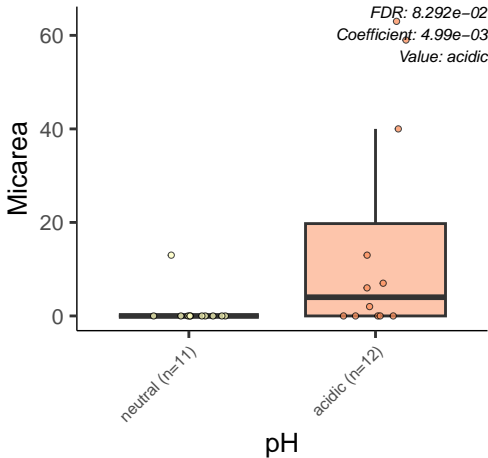
10

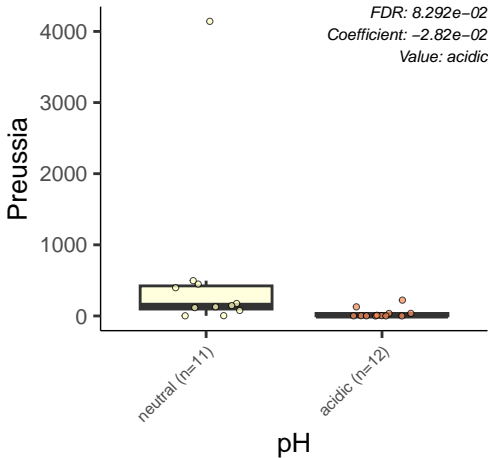
5

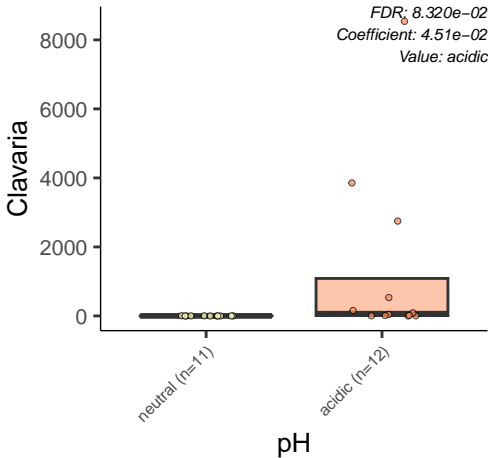
0

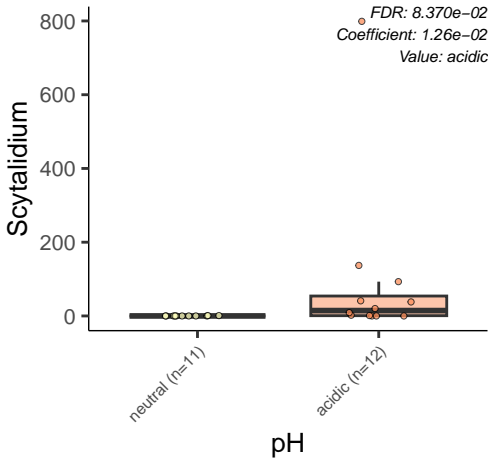


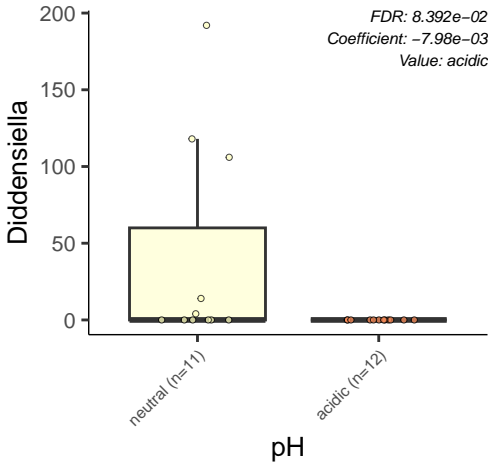




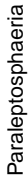








Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Zygorhynchus

FDR: 8.421e-02

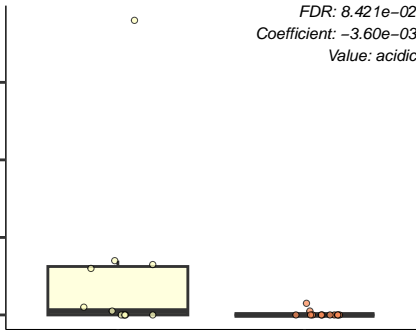
Coefficient: -3.60e-03

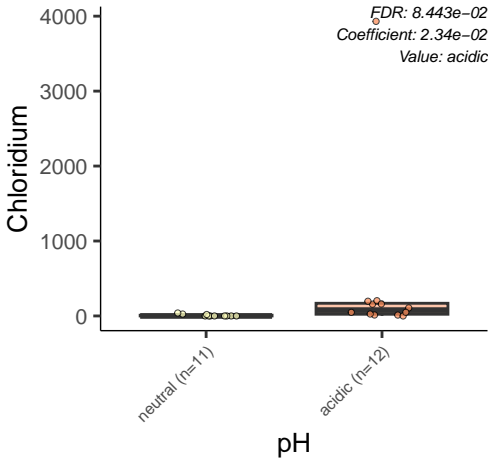
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Vishniacozyma

FDR: 8.443e-02

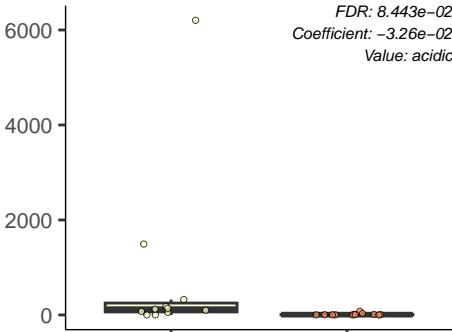
Coefficient: -3.26e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic

acidic ($n=12$)

pH

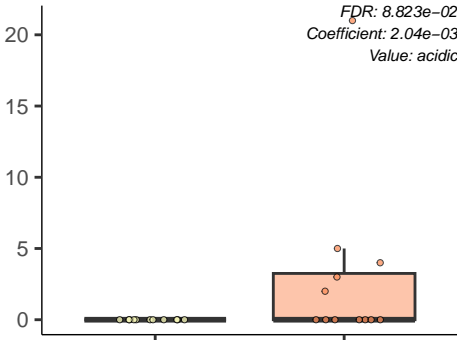
Davidhawsworthia

FDR: 8.823e-02
Coefficient: 2.04e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic

acidic ($n=12$)

pH

Thaxterogaster

FDR: 9.100e-02
Coefficient: 2.39e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

2000

1000

0

Dictyolus

FDR: 9.180e-02
Coefficient: 1.95e-03
Value: acidic

neutral (n=11)

acidic (n=12)

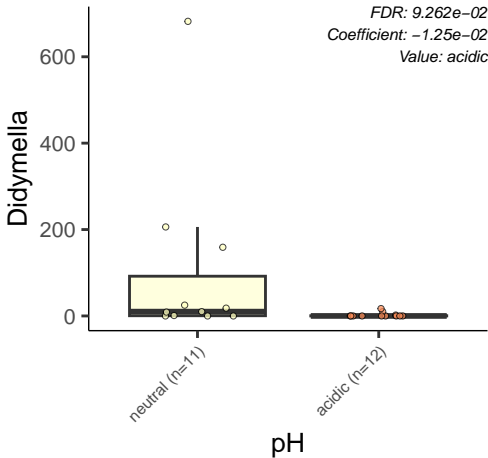
pH

15

10

5

0



Colletotrichum

FDR: 9.366e-02

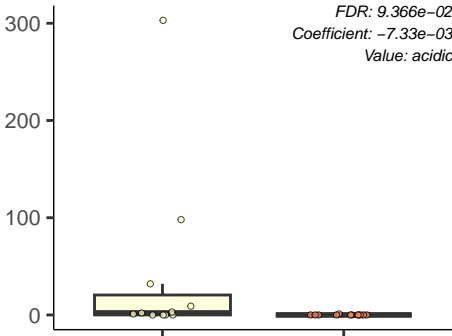
Coefficient: -7.33e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Peniophorella

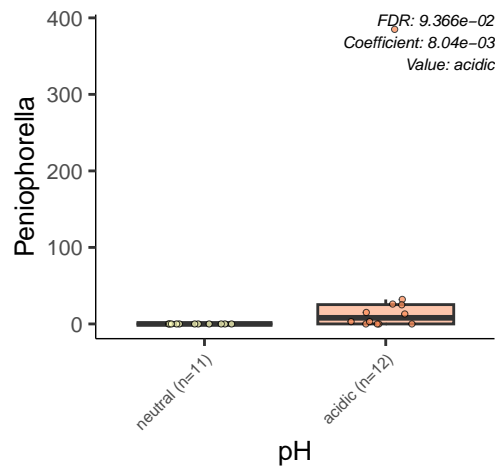
400
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

FDR: 9.366e-02
Coefficient: 8.04e-03
Value: acidic



Neurospora

15

10

5

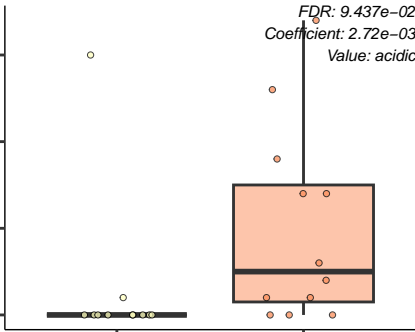
0

neutral (n=11)

acidic (n=12)

pH

FDR: $9.437e-02$
Coefficient: $2.72e-03$
Value: acidic



Lobulomyces

neutral (n=11)

acidic (n=12)

pH

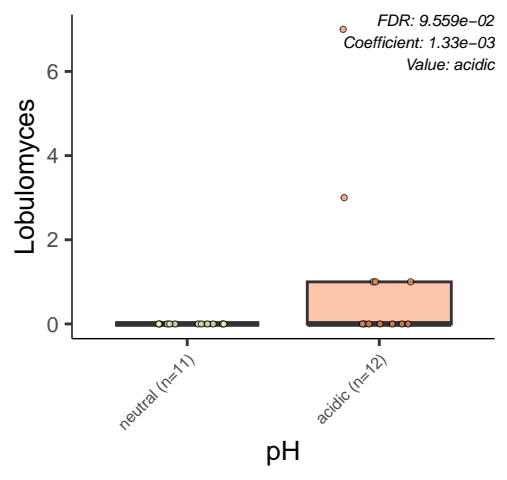
FDR: 9.559e-02
Coefficient: 1.33e-03
Value: acidic

6

4

2

0



Pyrenopeziza

FDR: 9.643e-02

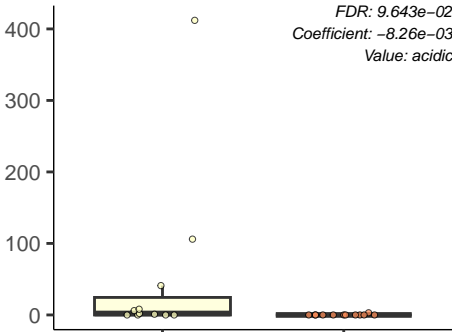
Coefficient: -8.26e-03

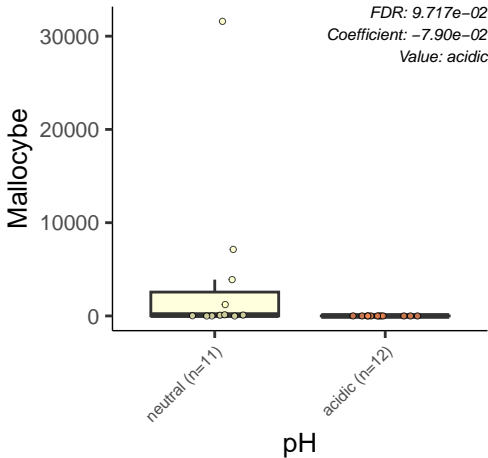
Value: acidic

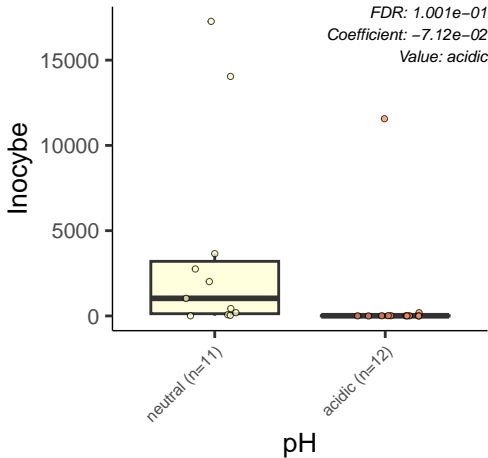
neutral (n=11)

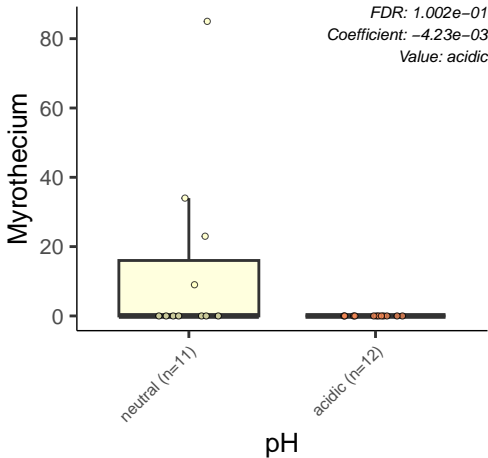
acidic (n=12)

pH









Mollisia

FDR: 1.003e-01
Coefficient: 7.05e-03
Value: acidic

150

100

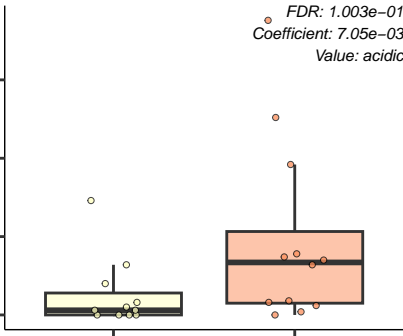
50

0

neutral (n=11)

acidic (n=12)

pH



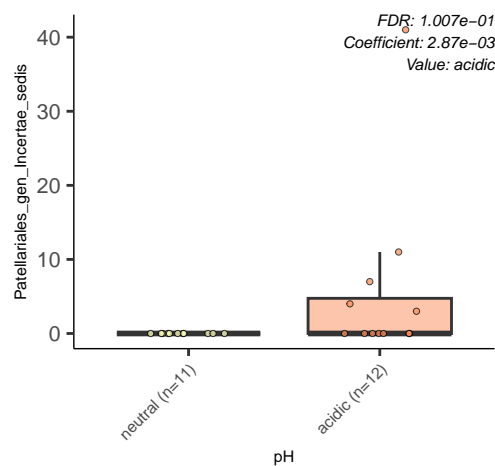
Patellariales_gen_Incertae_sedis

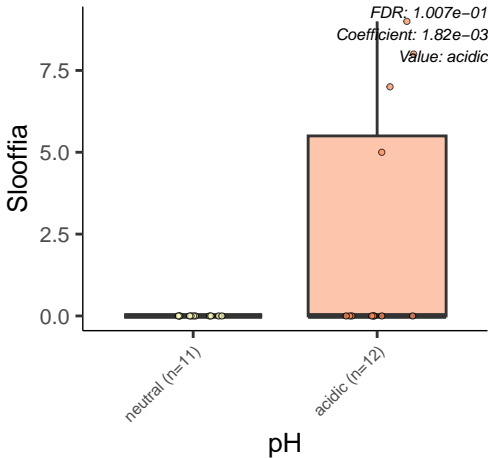
FDR: 1.007e-01
Coefficient: 2.87e-03
Value: acidic

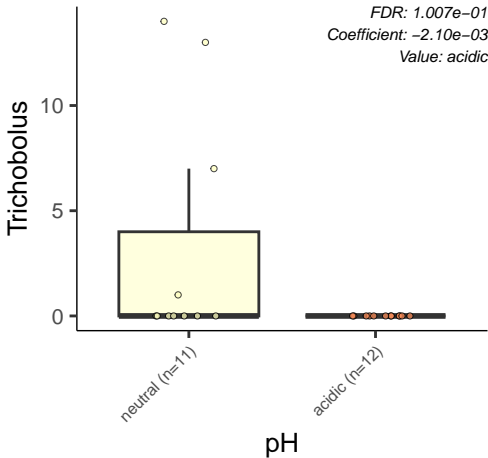
neutral (n=11)

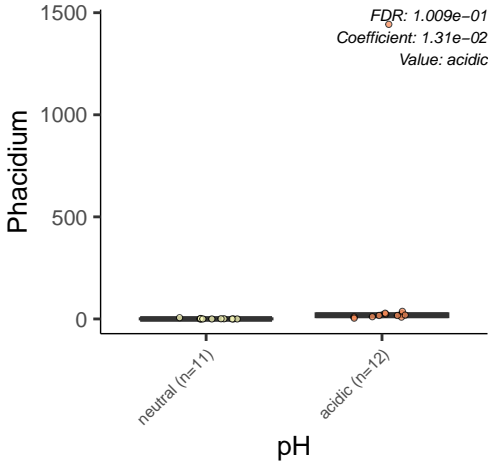
acidic (n=12)

pH









Hypocreales_gen_Incertae_sedis

FDR: 1.013e-01
Coefficient: 8.08e-03
Value: acidic

200

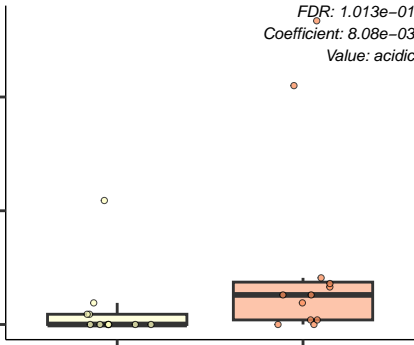
100

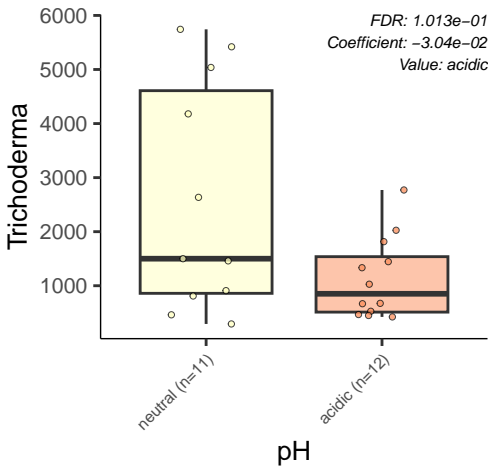
0

neutral (n=11)

acidic (n=12)

pH





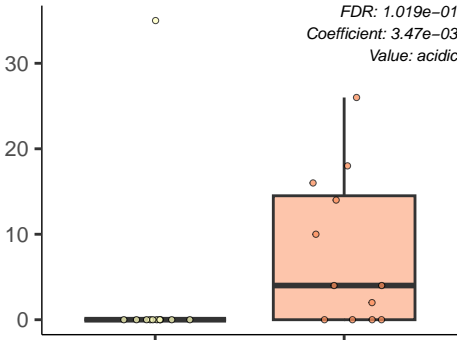
GS08_gen_Incertae_sedis

FDR: 1.019e-01
Coefficient: 3.47e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Infundichalara

FDR: 1.019e-01

Coefficient: -2.44e-02

Value: acidic

2000

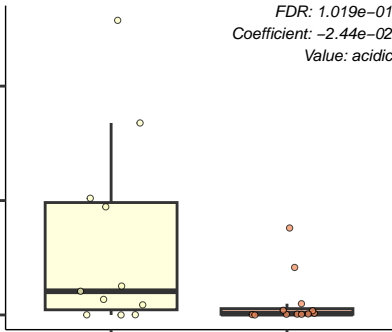
1000

0

neutral (n=11)

acidic (n=12)

pH





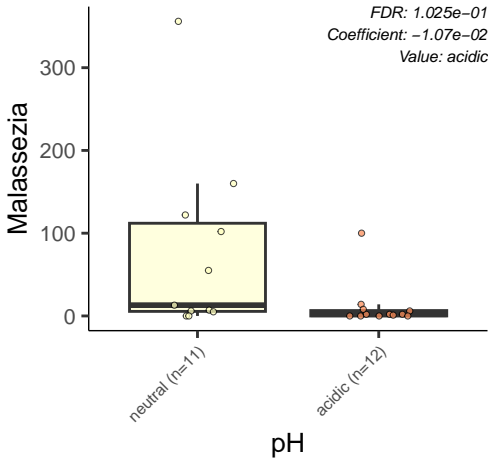
FDR: 1.025e-01

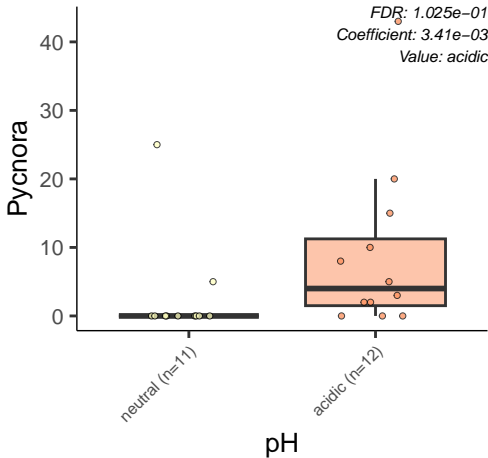
Coefficient: $-1.48e-02$

Value: acidic



pH





Dissoderma

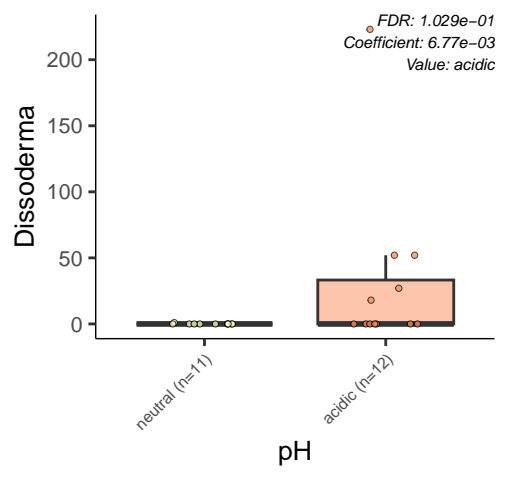
FDR: 1.029e-01
Coefficient: 6.77e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

200
150
100
50
0





neutral (n=11)

acidic ($n=12$)

pH

FDR: 1.029e-01
Coefficient: 1.76e-02
Value: acidic

Mortierellales_gen_Incertae_sedis

FDR: 1.029e-01
Coefficient: -1.18e-02
Value: acidic

400

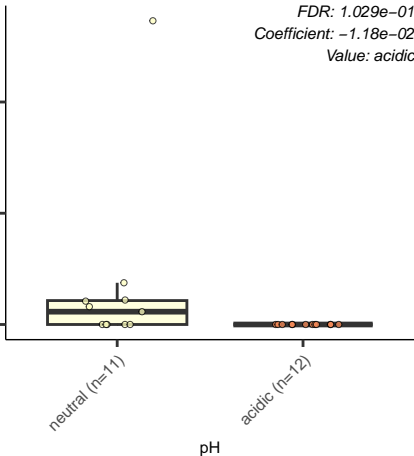
200

0

neutral (n=11)

acidic (n=12)

pH



Pseudodictyosporium

FDR: 1.029e-01

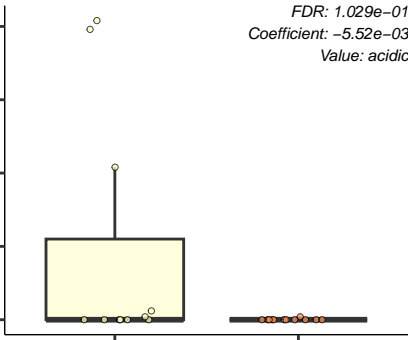
Coefficient: -5.52e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Pucciniales_gen_Incertae_sedis

15

10

5

0

neutral (n=11)

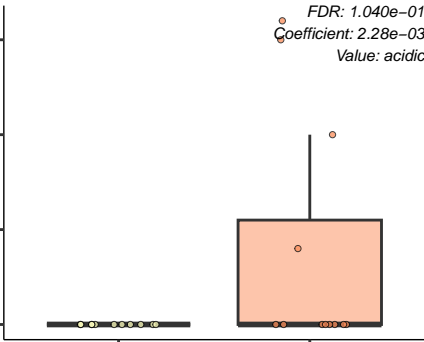
acidic (n=12)

pH

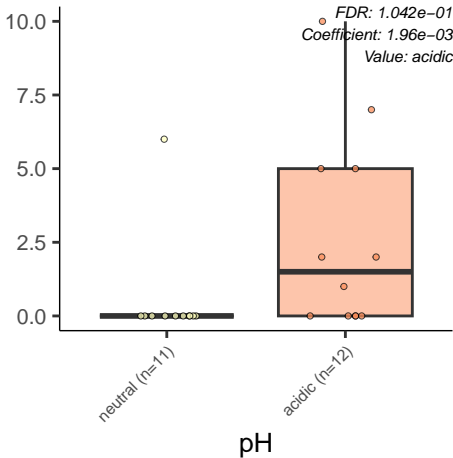
FDR: 1.040e-01

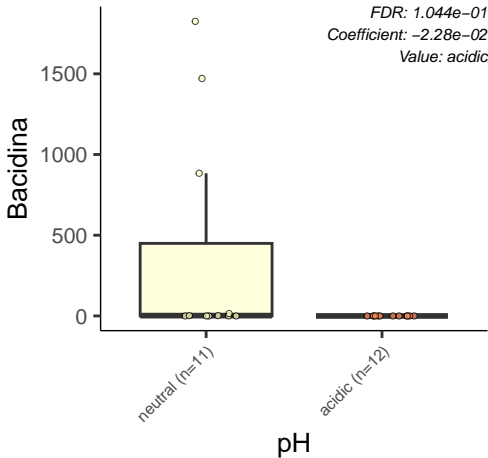
Coefficient: 2.28e-03

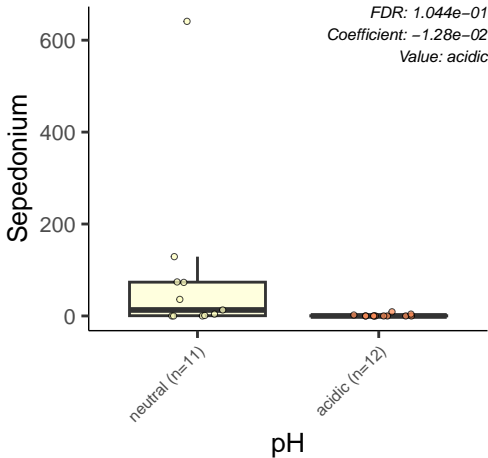
Value: acidic

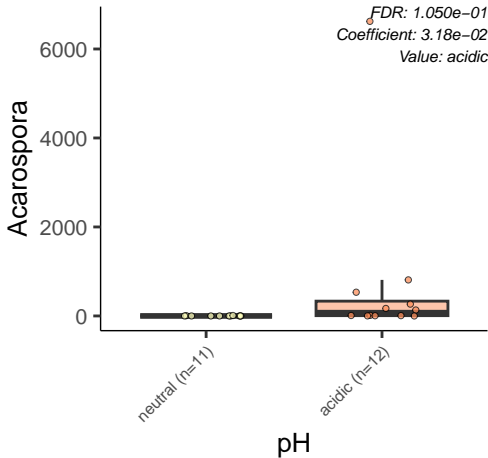


Pseudovalsaria









Gryganskiella

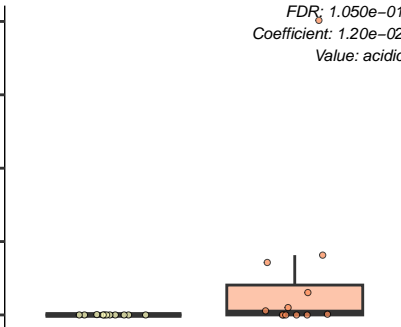
800
600
400
200
0

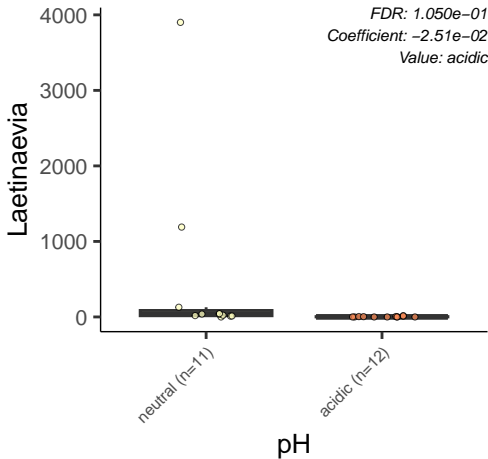
neutral (n=11)

acidic (n=12)

pH

FDR: 1.050e-01
Coefficient: 1.20e-02
Value: acidic





Basidioidendron

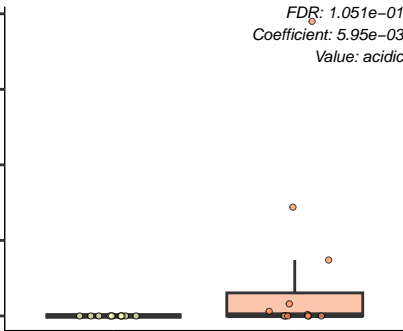
200
150
100
50
0

FDR: 1.051e-01
Coefficient: 5.95e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Byssoporia

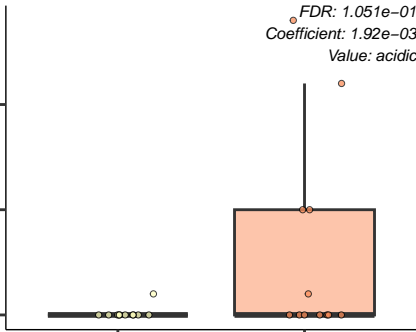
FDR: 1.051e-01
Coefficient: 1.92e-03
Value: acidic

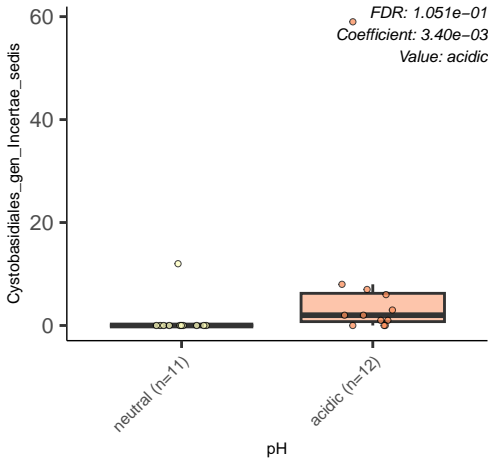
10
5
0

neutral (n=11)

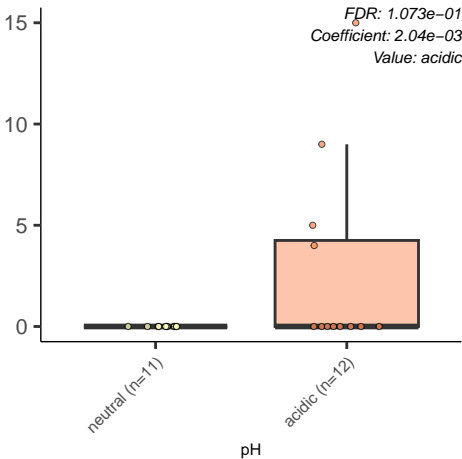
acidic (n=12)

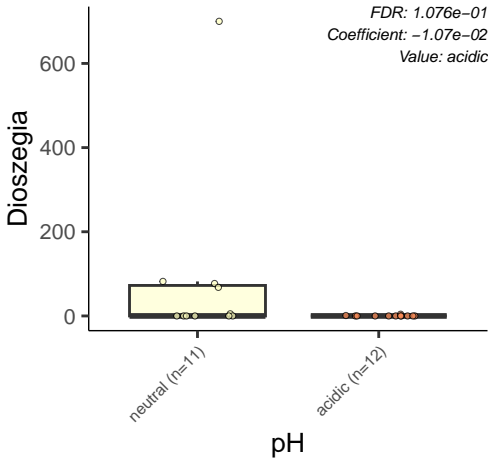
pH





Mrakiaceae_gen_Incertae_sedis





Goidanichiella

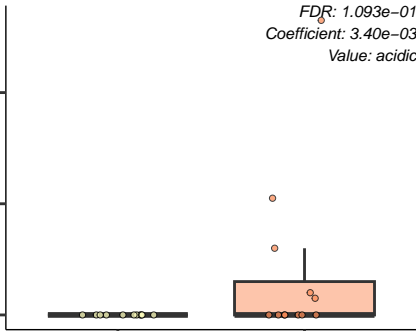
FDR: 1.093e-01
Coefficient: 3.40e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

40
20
0



Hebeloma

neutral (n=11)

acidic (n=12)

pH

FDR: 1.093e-01
Coefficient: -6.14e-02
Value: acidic

15000

10000

5000

0

Scolecolum

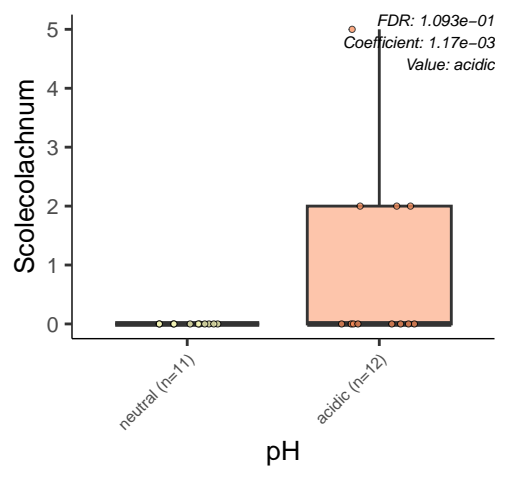
5
4
3
2
1
0

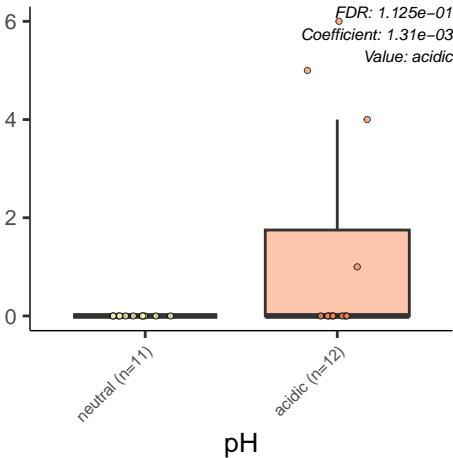
neutral (n=11)

acidic (n=12)

pH

FDR: 1.093e-01
Coefficient: 1.17e-03
Value: acidic



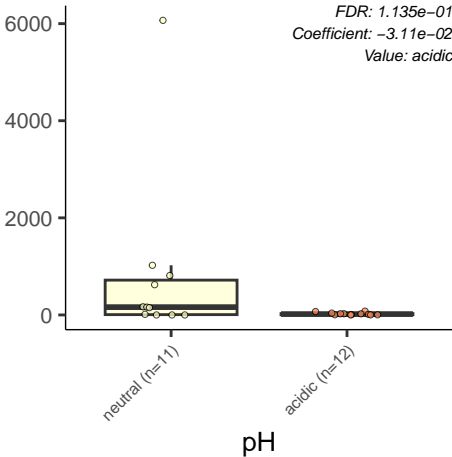


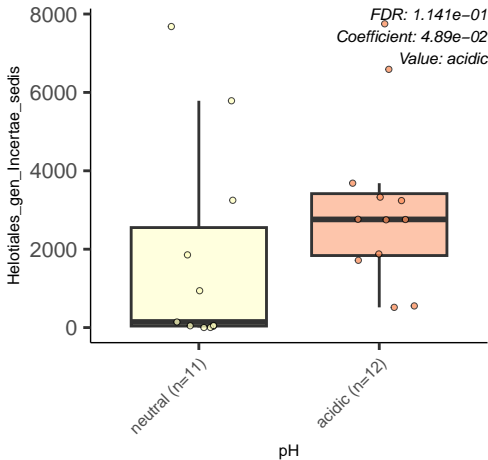
Value: acidic

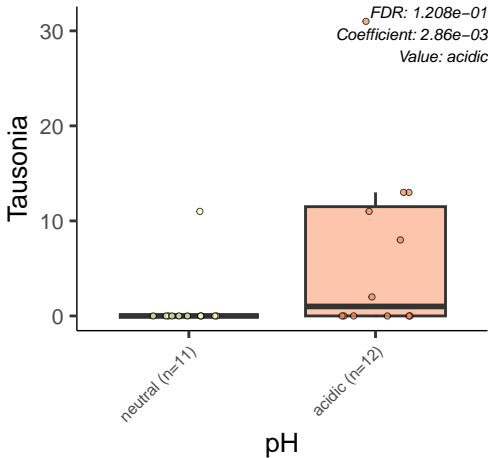
acidic ($n=12$)

pH

Pseudeurotium







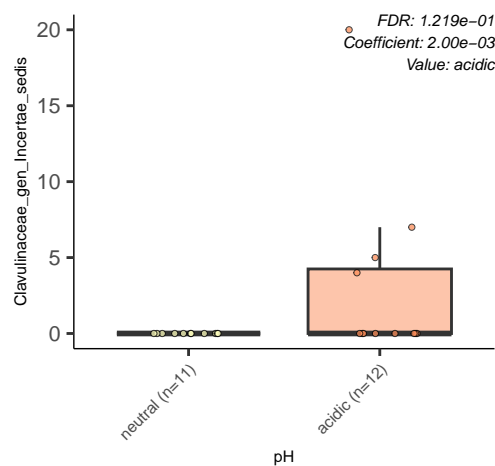
Clavulinaceae_gen_Incertae_sedis

FDR: 1.219e-01
Coefficient: 2.00e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Comoclatris

FDR: 1.219e-01

Coefficient: -9.10e-03

Value: acidic

200

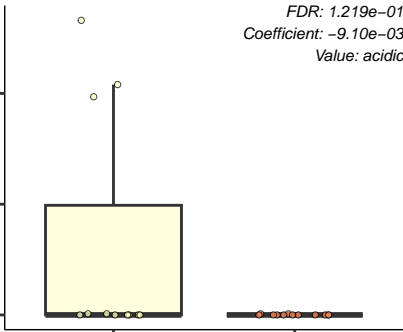
100

0

neutral (n=11)

acidic (n=12)

pH



Xenodidymella

FDR: 1.219e-01
Coefficient: -6.25e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

150

100

50

0

Pholiota

15

10

5

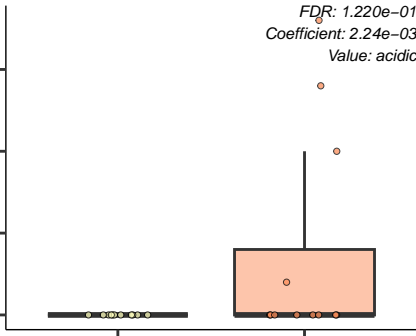
0

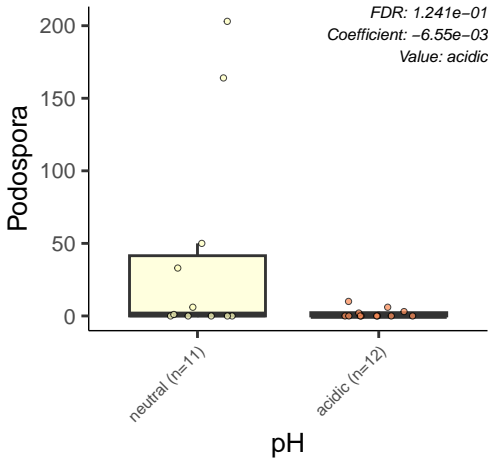
neutral (n=11)

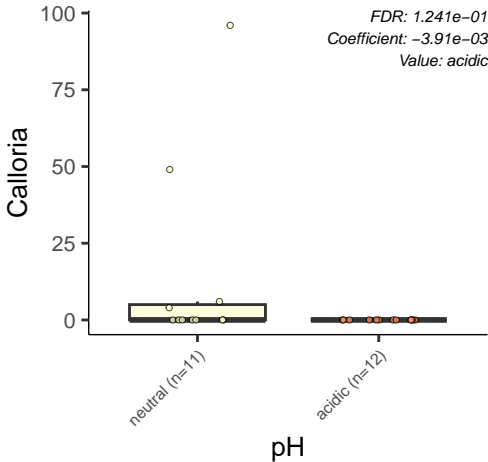
acidic (n=12)

pH

FDR: 1.220e-01
Coefficient: 2.24e-03
Value: acidic







Buckleyzyma

FDR: 1.241e-01

Coefficient: -3.42e-03

Value: acidic

60

40

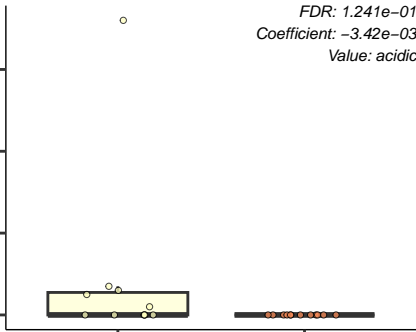
20

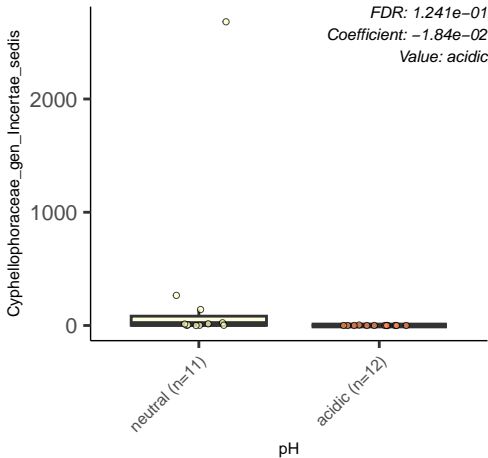
0

neutral (n=11)

acidic (n=12)

pH





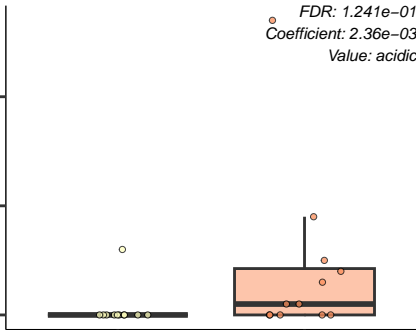
Hypogymnia

FDR: 1.241e-01
Coefficient: 2.36e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Metarhizium

FDR: 1.241e-01

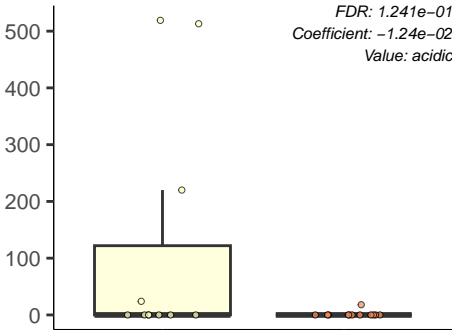
Coefficient: -1.24e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



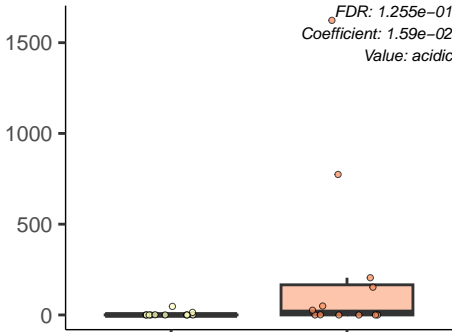
Volutella

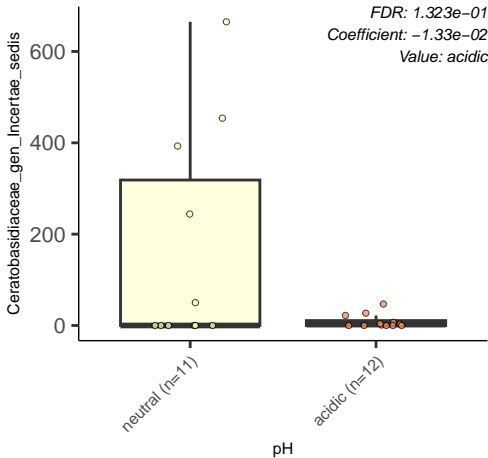
FDR: 1.255e-01
Coefficient: 1.59e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





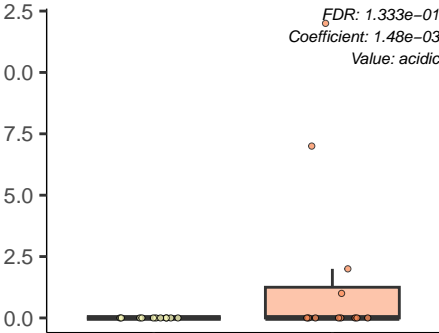
Ascocorticism

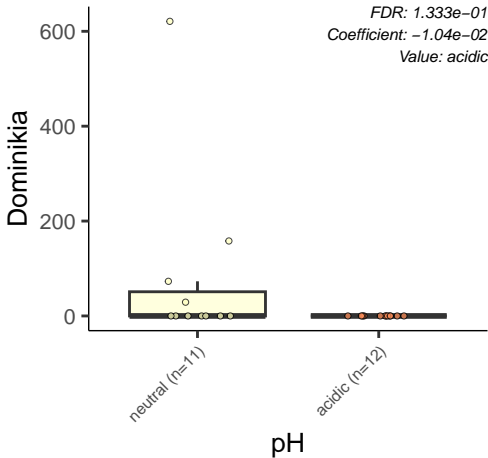
FDR: 1.333e-01
Coefficient: 1.48e-03
Value: acidic

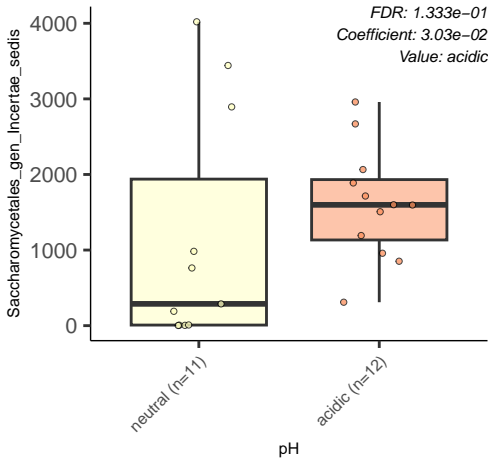
neutral (n=11)

acidic (n=12)

pH







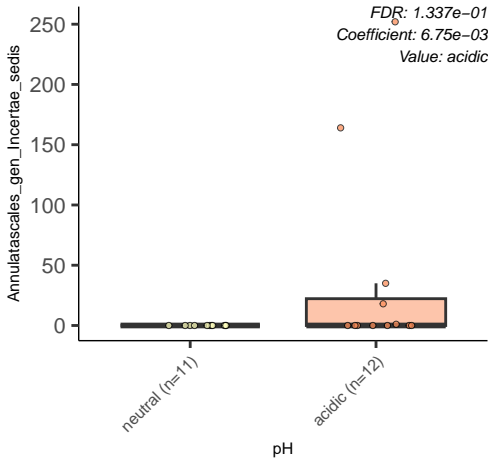
Annulatascales_gen_Incertae_sedis

FDR: 1.337e-01
Coefficient: 6.75e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sporidiobolales_gen_Incertae_sedis

FDR: 1.337e-01
Coefficient: 3.35e-03
Value: acidic

75

50

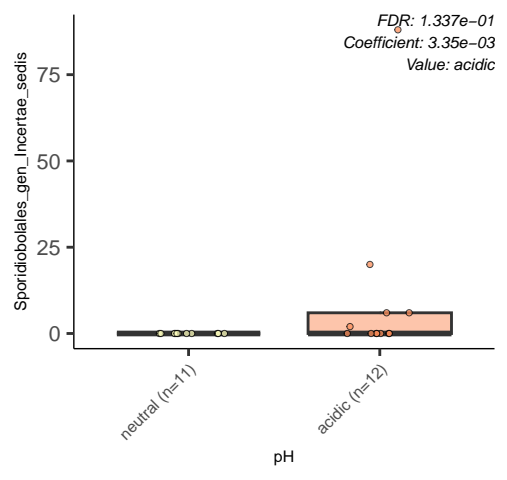
25

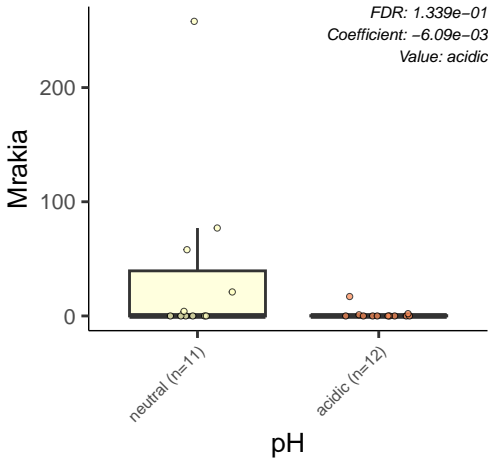
0

neutral (n=11)

acidic (n=12)

pH





Value: acidic



75.

50 .

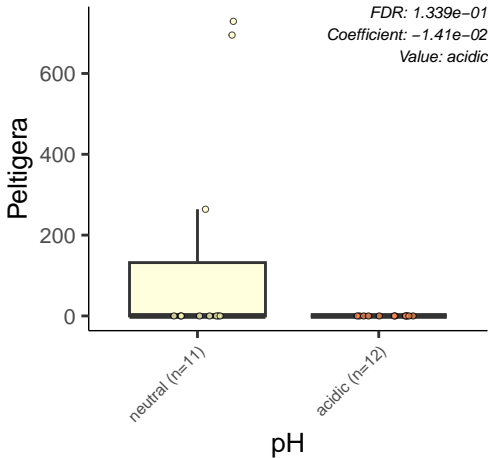
25.

0.

neutral (n=11)

acidic ($n=12$)

pH



Filobasidiella

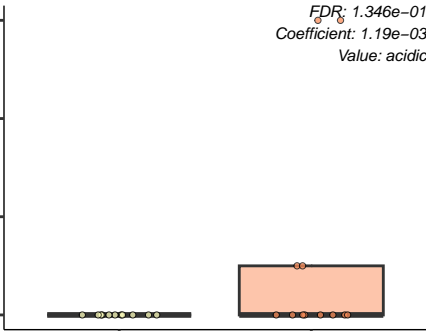
6
4
2
0

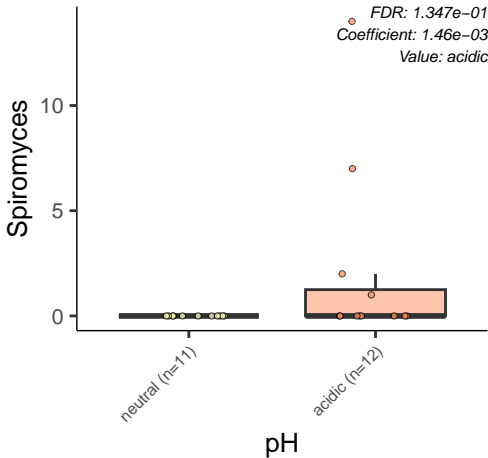
neutral (n=11)

acidic (n=12)

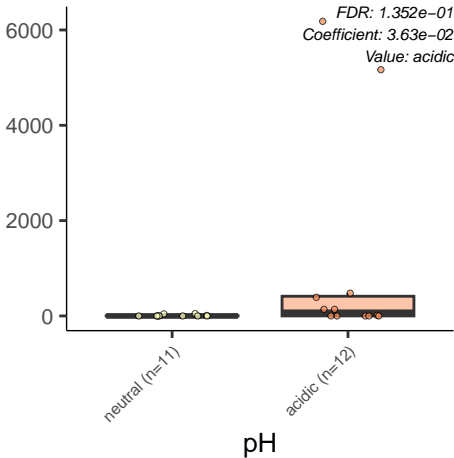
pH

FDR: 1.346e-01
Coefficient: 1.19e-03
Value: acidic





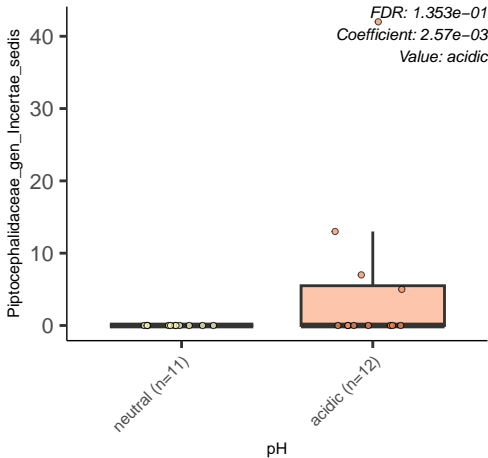
Ramariopsis



Value: acidic

acidic ($n=12$)

pH



Pseudoanungitea

FDR: 1.353e-01

Coefficient: -4.01e-03

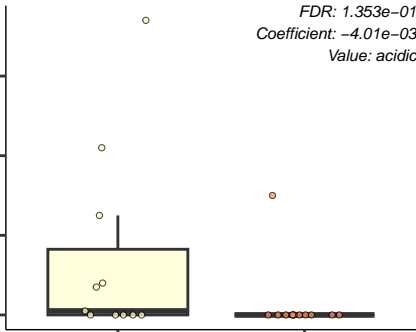
Value: acidic

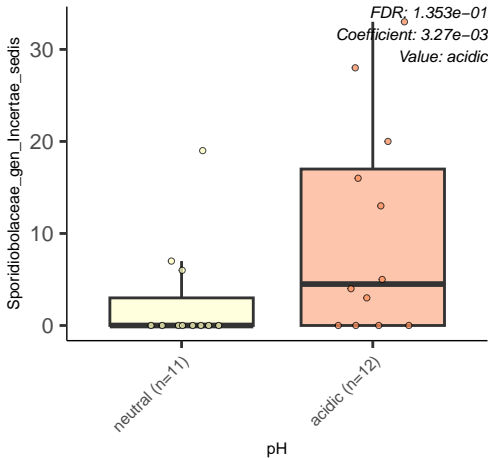
neutral (n=11)

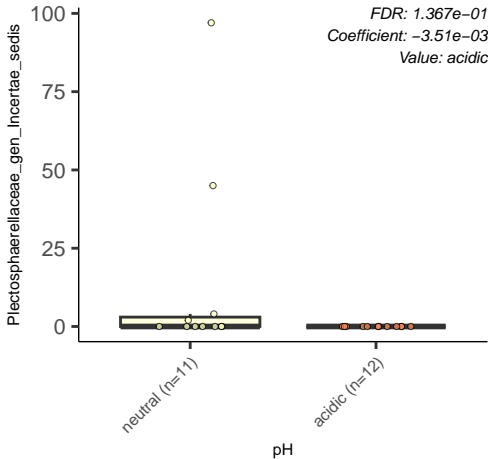
acidic (n=12)

pH

60
40
20
0







Pseudocyclothyriella

FDR: 1.367e-01

Coefficient: -3.98e-03

Value: acidic

neutral (n=11)

acidic (n=12)

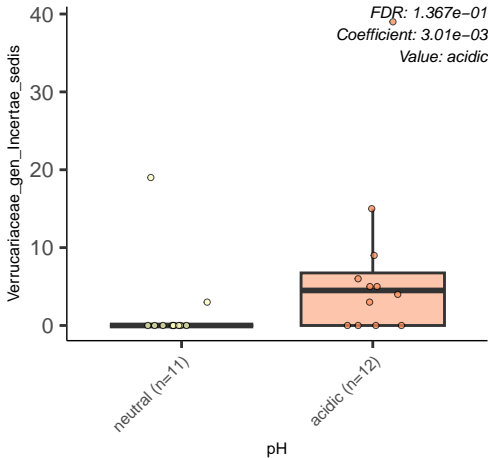
pH

60

40

20

0



Ampullocitoybe

FDR: 1.383e-01
Coefficient: 3.14e-03
Value: acidic

40

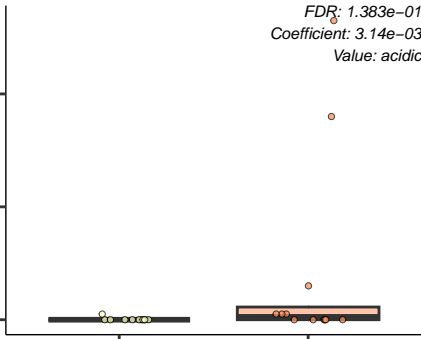
20

0

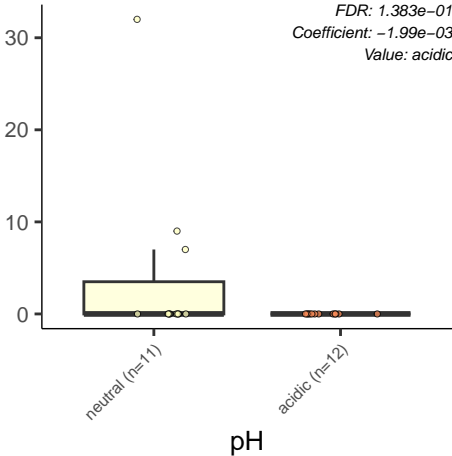
neutral (n=11)

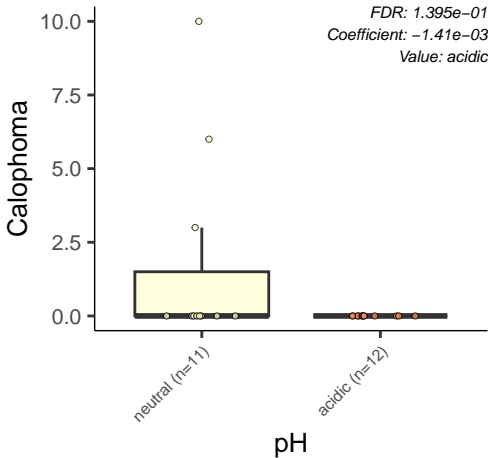
acidic (n=12)

pH



Value: acidic





Dactylella

FDR: 1.407e-01

Coefficient: -2.13e-03

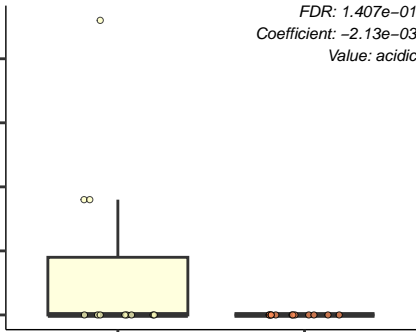
Value: acidic

neutral (n=11)

acidic (n=12)

pH

20
15
10
5
0



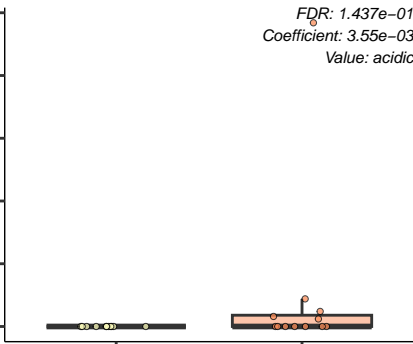
Atheliales_gen_Incertae_sedis

FDR: 1.437e-01
Coefficient: 3.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



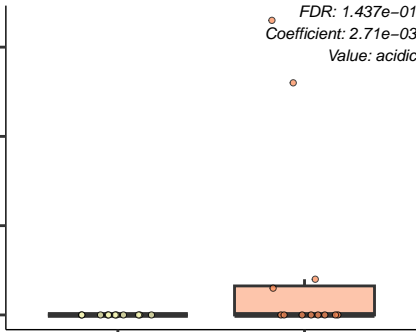
Monacrosporium

FDR: 1.437e-01
Coefficient: 2.71e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Mycoarthritis

FDR: 1.437e-01

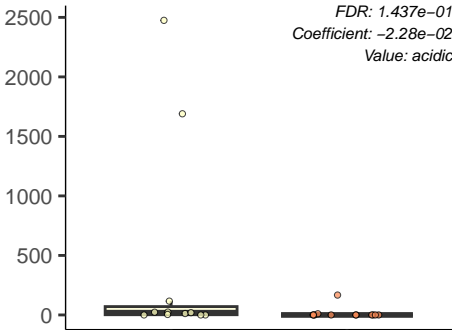
Coefficient: -2.28e-02

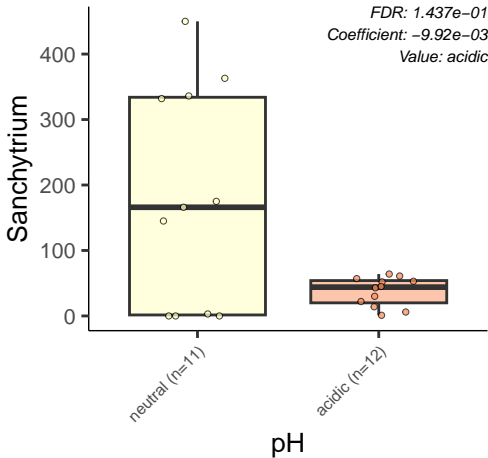
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Spermospora

neutral (n=11)

acidic (n=12)

pH

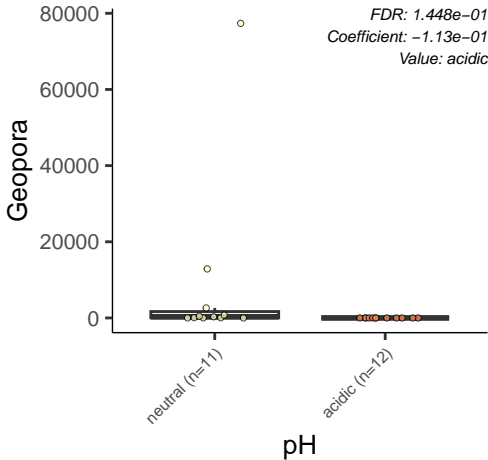
FDR: 1.437e-01
Coefficient: -7.53e-03
Value: acidic

150

100

50

0



Rhinoclatiella

FDR: 1.448e-01

Coefficient: -1.73e-02

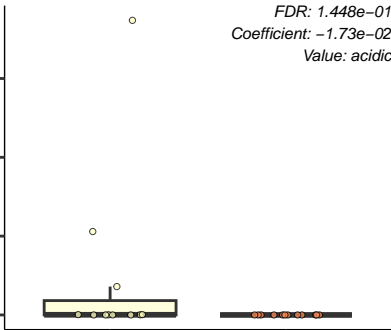
Value: acidic

neutral (n=11)

acidic (n=12)

pH

1500
1000
500
0



Spirosphaera

FDR: 1.463e-01

Coefficient: -5.86e-03

Value: acidic

200

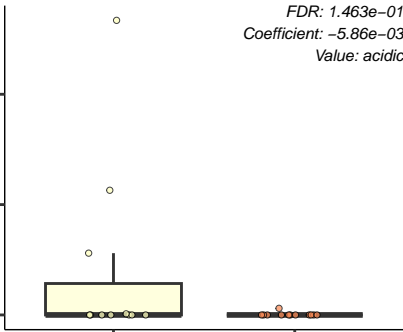
100

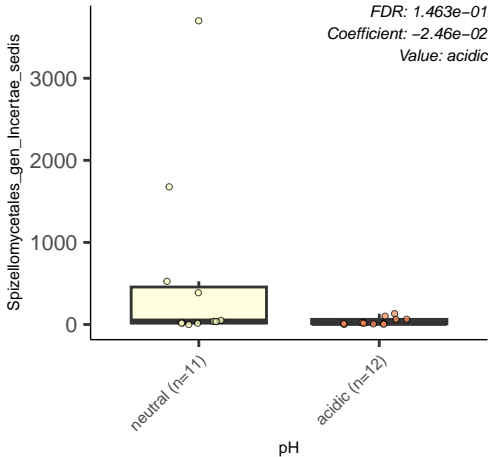
0

neutral (n=11)

acidic (n=12)

pH





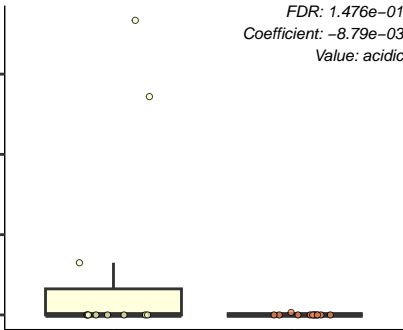
Ramophialophora

FDR: 1.476e-01
Coefficient: -8.79e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



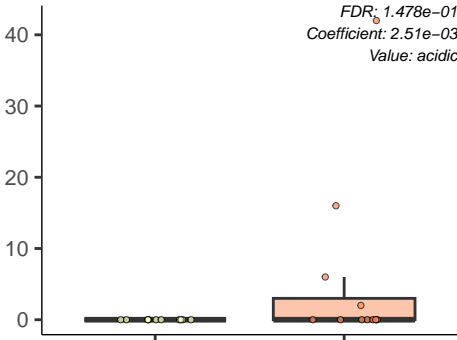
Rhodospiridiobolus

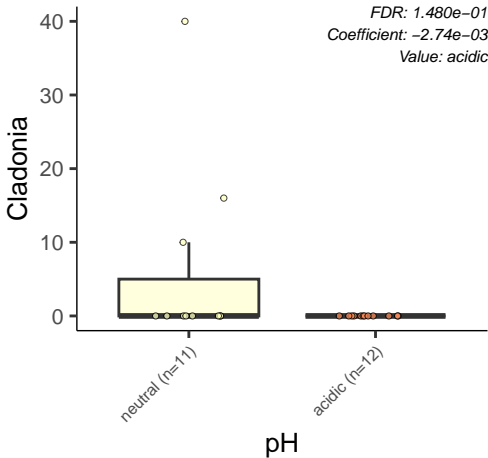
FDR: 1.478e-01
Coefficient: 2.51e-03
Value: acidic

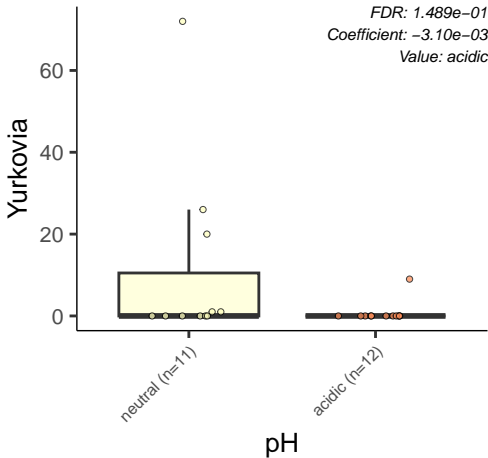
neutral (n=11)

acidic (n=12)

pH







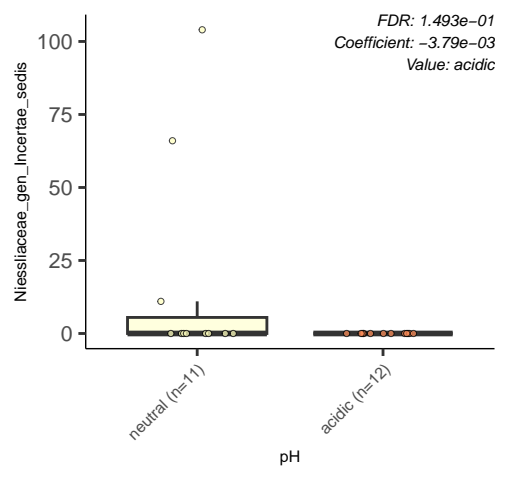
Niessliaceae_gen_Incertae_sedis

FDR: 1.493e-01
Coefficient: -3.79e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Polyscytalum

FDR: 1.496e-01

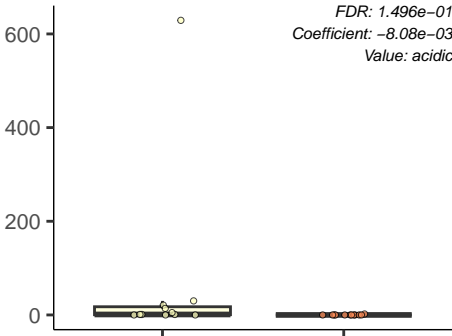
Coefficient: -8.08e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic



Lasiobolidium

FDR: 1.540e-01

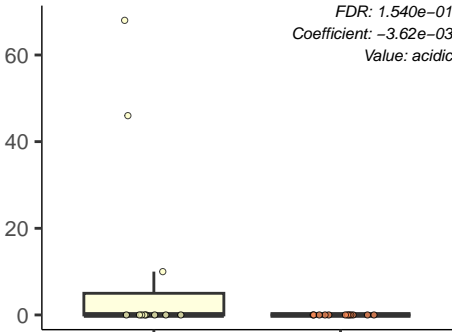
Coefficient: -3.62e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



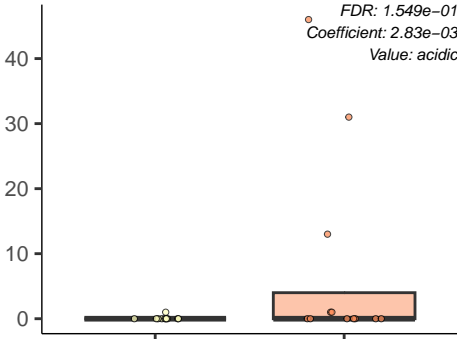
GS10_gen_Incertae_sedis

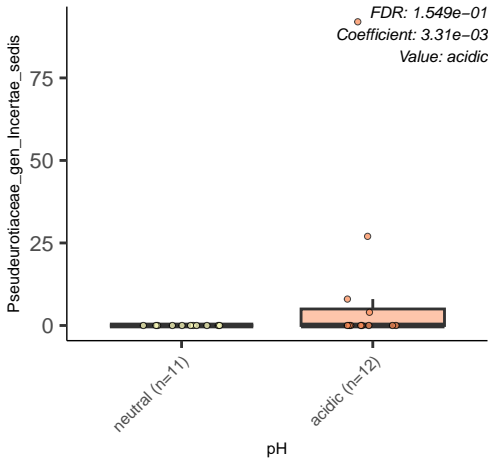
FDR: 1.549e-01
Coefficient: 2.83e-03
Value: acidic

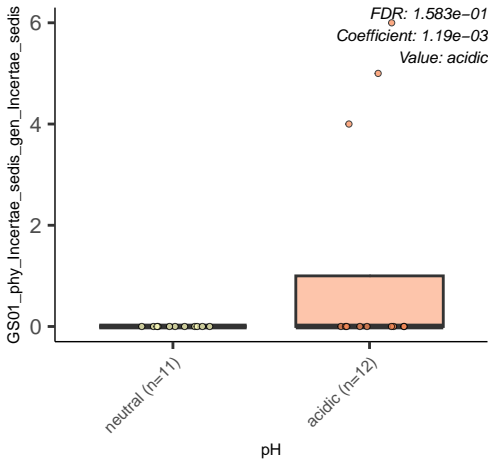
neutral (n=11)

acidic (n=12)

pH







Xenopolyscytalum

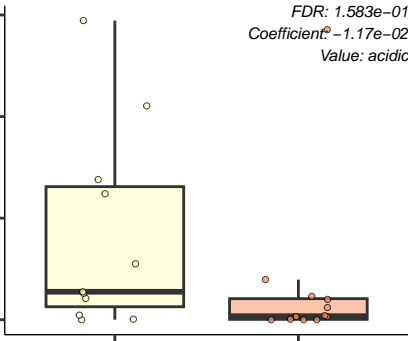
600
400
200
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.583e-01
Coefficient: -1.17e-02
Value: acidic



Heterocephalaria

FDR: 1.585e-01

Coefficient: 1.38e-03

Value: acidic

6

4

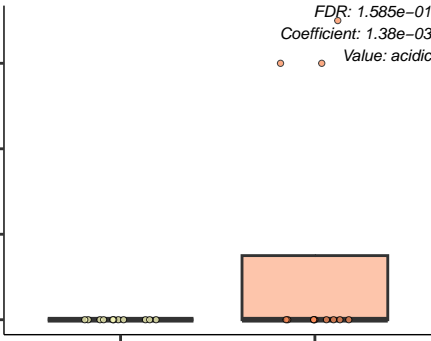
2

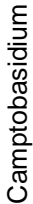
0

neutral (n=11)

acidic (n=12)

pH

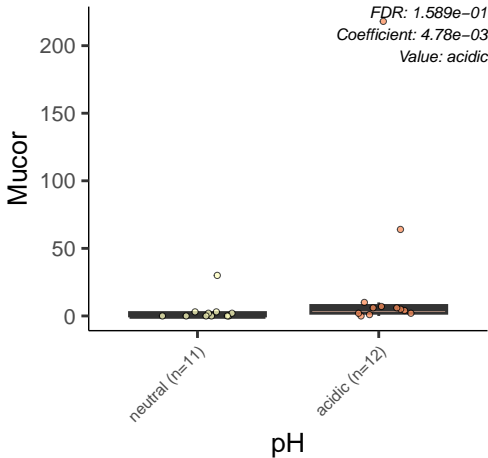


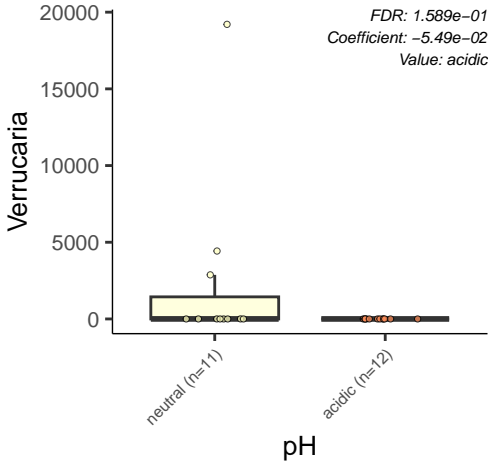


FDR: 1.588e-01
Coefficient: 1.40e-03
Value: acidic



pH





Archaeorhizomycetes_gen_Incertae_sedis

FDR: 1.607e-01
Coefficient: 4.98e-03
Value: acidic

100

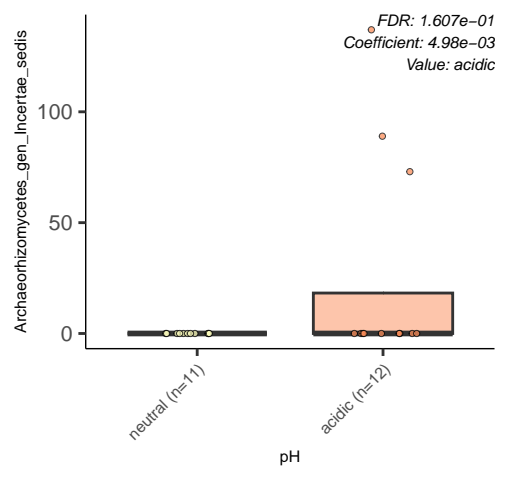
50

0

neutral (n=11)

acidic (n=12)

pH



Geoglossales_gen_Incertae_sedis

FDR: 1.607e-01
Coefficient: 2.63e-03
Value: acidic

40

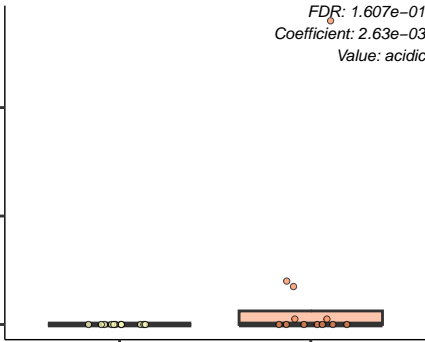
20

0

neutral (n=11)

acidic (n=12)

pH



Helotiaceae_gen_Incertae_sedis

FDR: 1.607e-01
Coefficient: 2.31e-03
Value: acidic

20

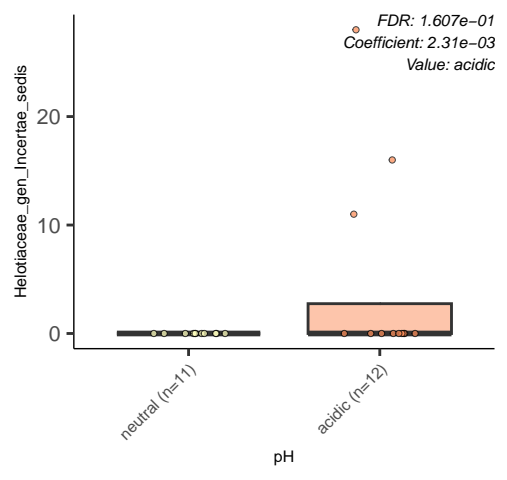
10

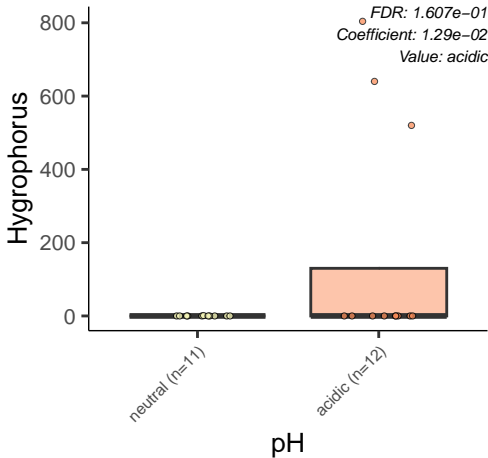
0

neutral (n=11)

acidic (n=12)

pH





Hypochnicium

FDR: $1.607e-01$
Coefficient: $1.25e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

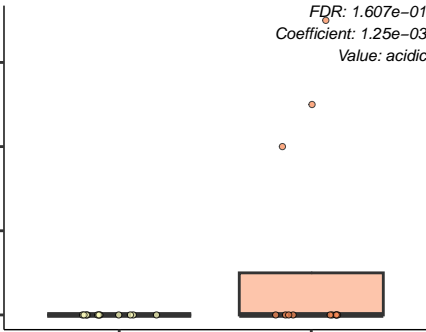
pH

6

4

2

0



Pustularia

FDR: 1.607e-01
Coefficient: -1.37e-02
Value: acidic

neutral (n=11)

acidic (n=12)

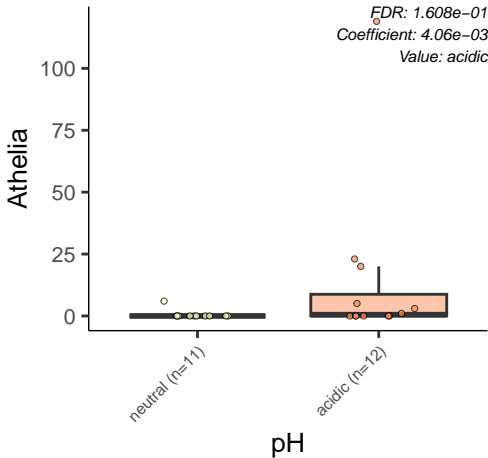
pH

1500

1000

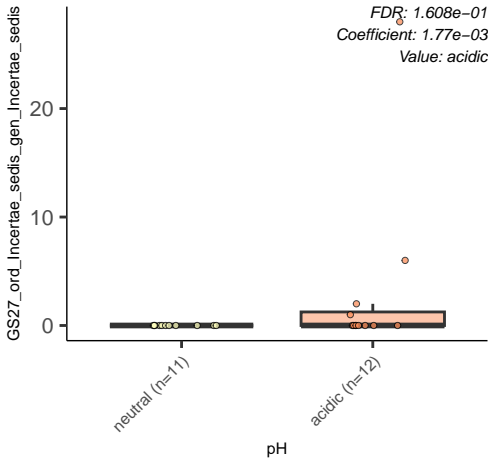
500

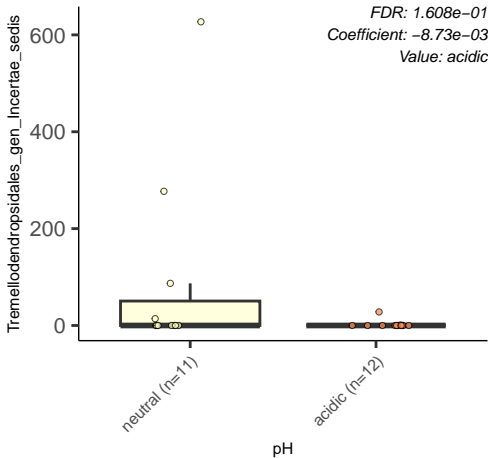
0



Value: acidic







Xenochalara

FDR: 1.650e-01
Coefficient: 7.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

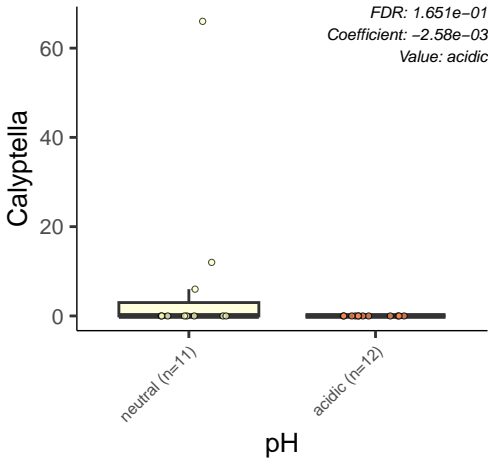
pH

300

200

100

0



Rhexocercosporidium

FDR: 1.661e-01

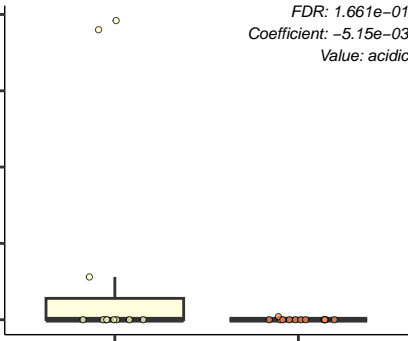
Coefficient: -5.15e-03

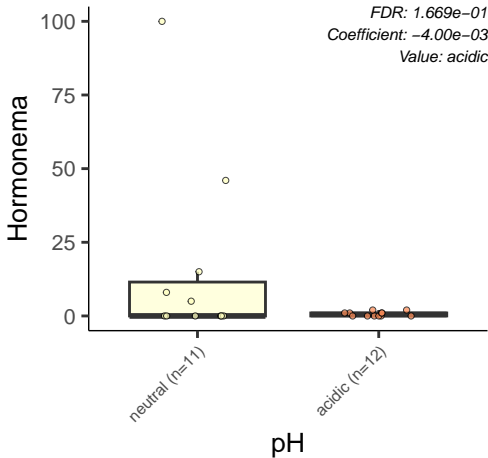
Value: acidic

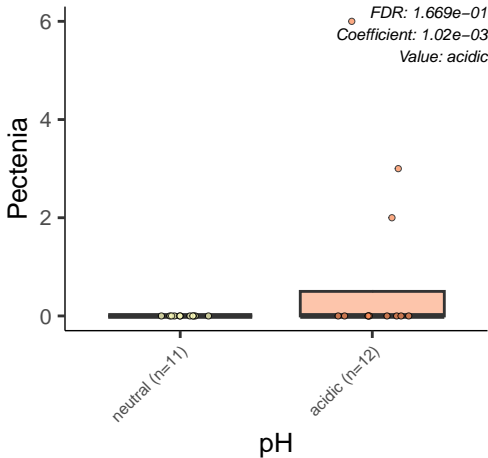
neutral (n=11)

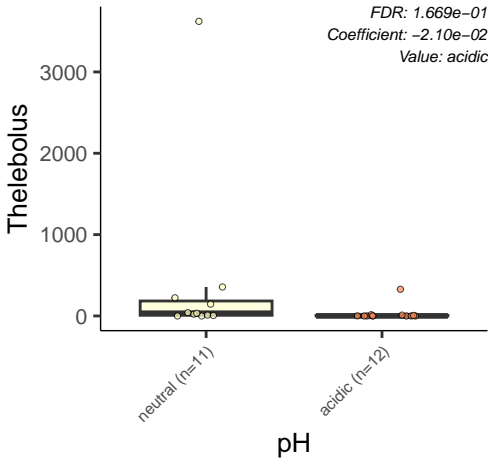
acidic (n=12)

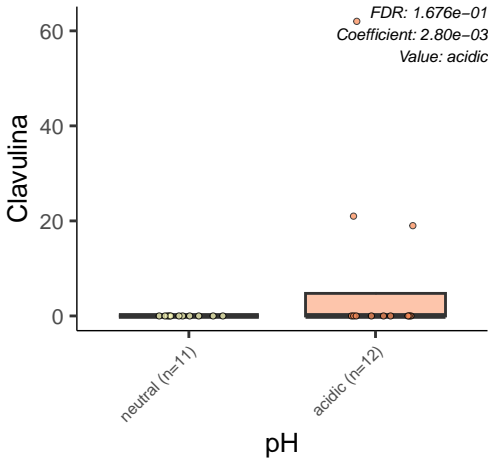
pH











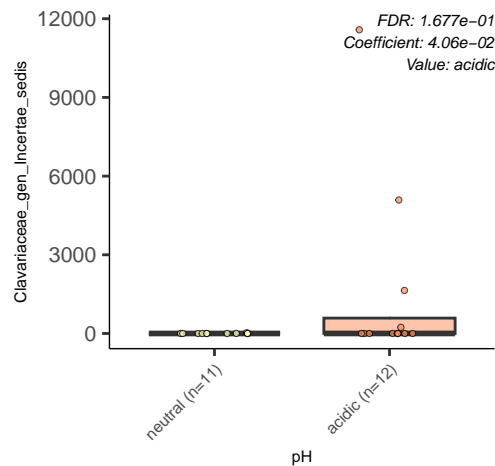
Clavariaceae_gen_Incertae_sedis

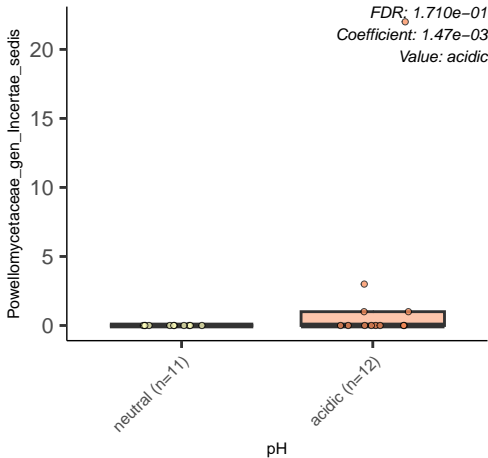
FDR: 1.677e-01
Coefficient: 4.06e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Sordariales_gen_Incertae_sedis

FDR: 1.711e-01
Coefficient: -6.99e-02
Value: acidic

20000

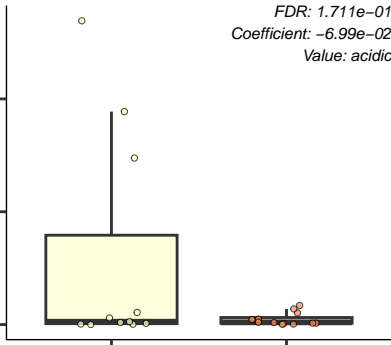
10000

0

neutral (n=11)

acidic (n=12)

pH



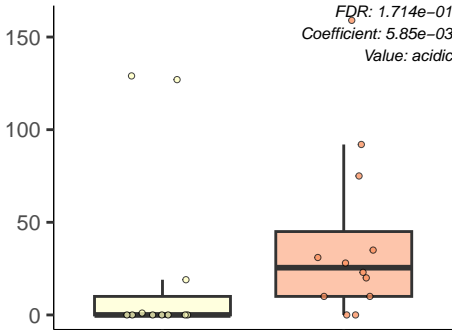
Piptocephalis

FDR: 1.714e-01
Coefficient: 5.85e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



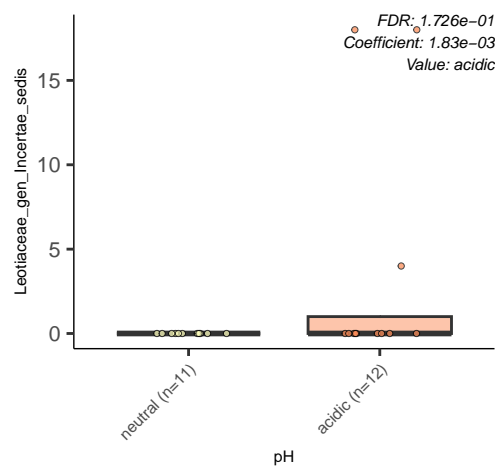
Leotiaceae_gen_Incertae_sedis

FDR: 1.726e-01
Coefficient: 1.83e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



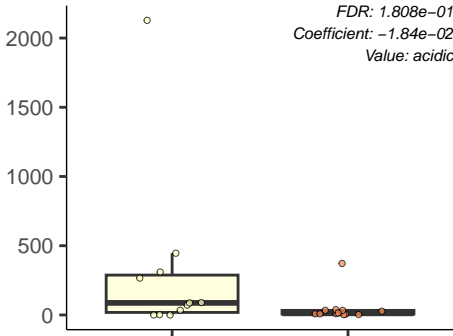
Chalara

neutral (n=11)

acidic (n=12)

pH

FDR: 1.808e-01
Coefficient: -1.84e-02
Value: acidic



Umbilicariales_gen_Incertae_sedis

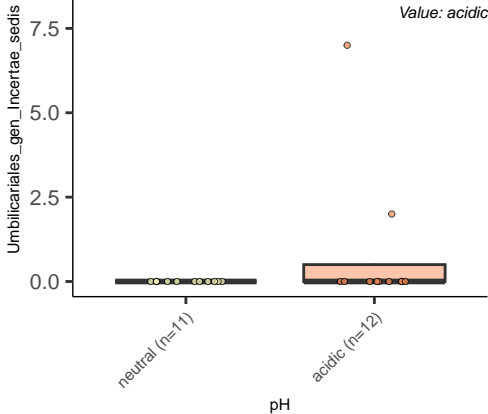
FDR: 1.808e-01
Coefficient: 1.25e-03
Value: acidic

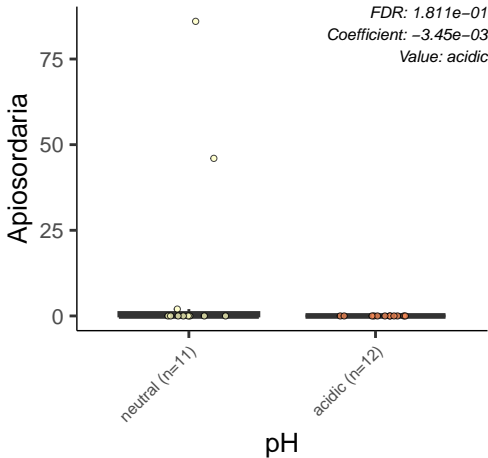
7.5
5.0
2.5
0.0

neutral (n=11)

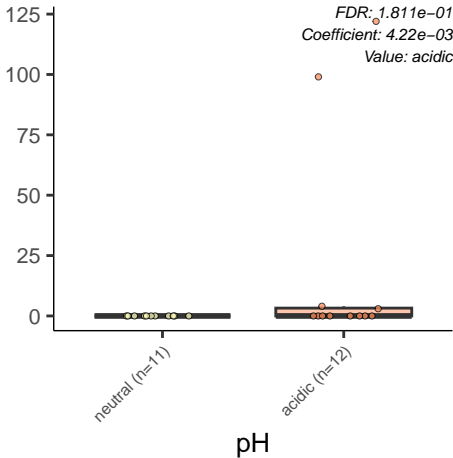
acidic (n=12)

pH





Roridomyces



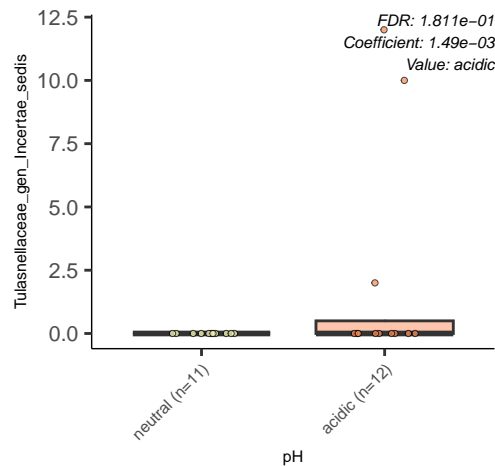
Tulasnellaceae_gen_Incertae_sedis

FDR: 1.811e-01
Coefficient: 1.49e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Nectriaceae_gen_Incertae_sedis

FDR: 1.849e-01
Coefficient: 5.77e-03
Value: acidic

300

200

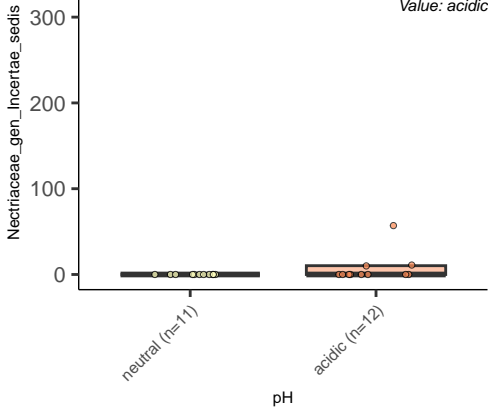
100

0

neutral (n=11)

acidic (n=12)

pH





FDR: 1.849e-01

Coefficient: $-1.89e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Sarcopodium

FDR: 1.855e-01

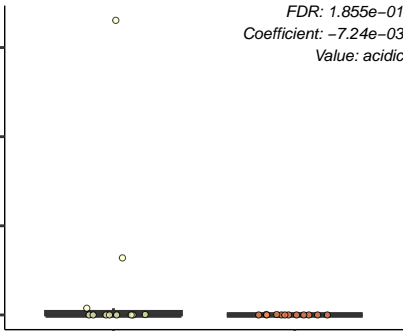
Coefficient: -7.24e-03

Value: acidic

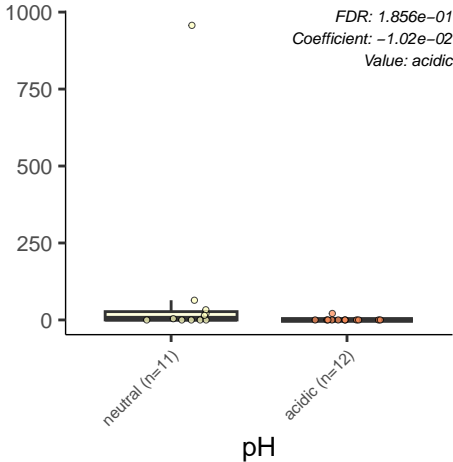
neutral (n=11)

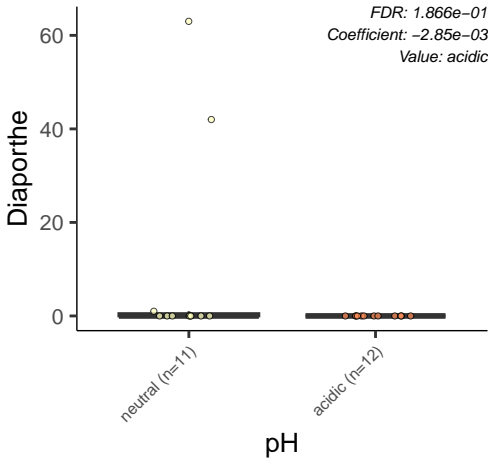
acidic (n=12)

pH



Phaeococcomycetes





Trimmatostroma

FDR: 1.866e-01
Coefficient: 1.00e-03
Value: acidic

7.5

5.0

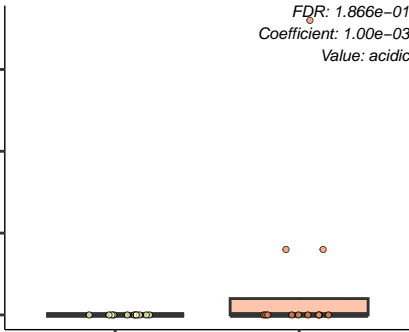
2.5

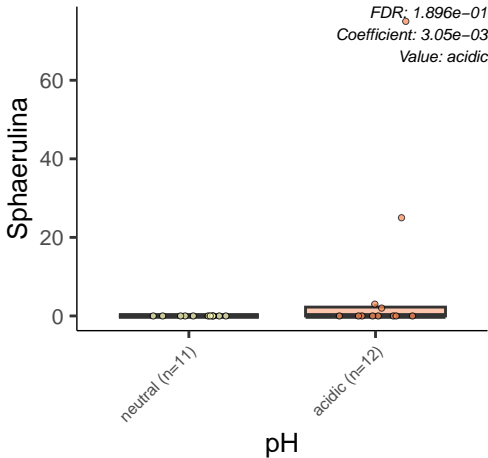
0.0

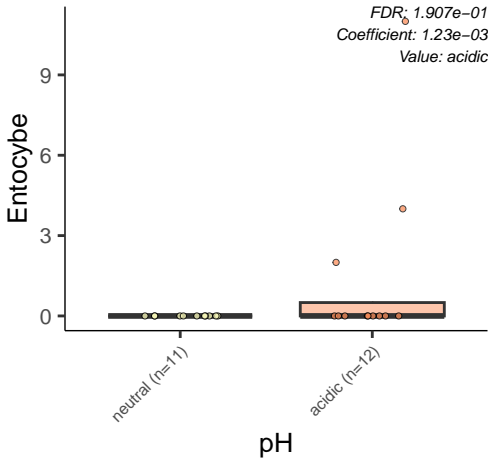
neutral (n=11)

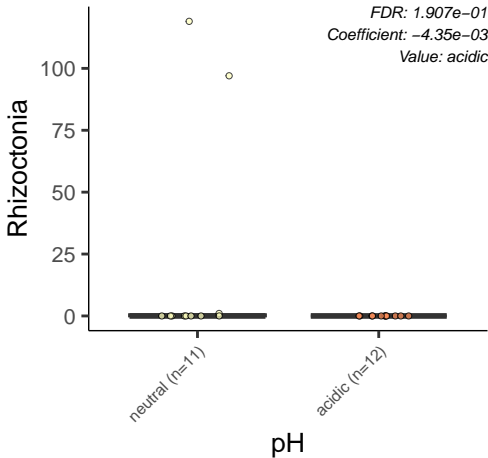
acidic (n=12)

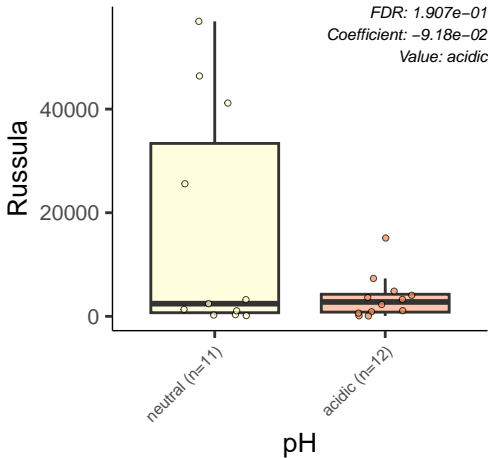
pH

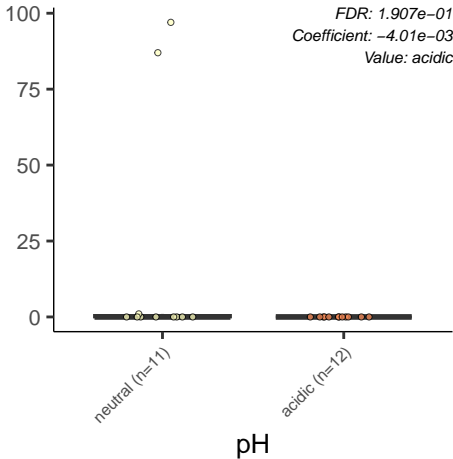


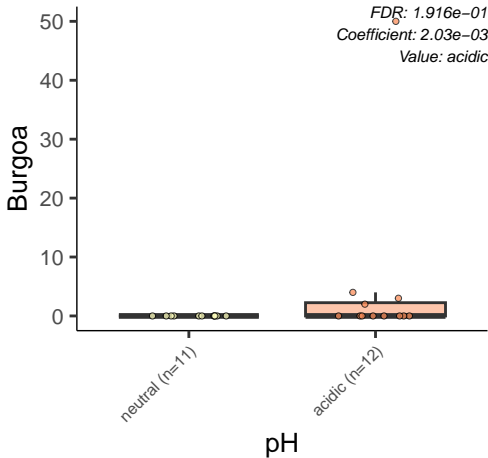


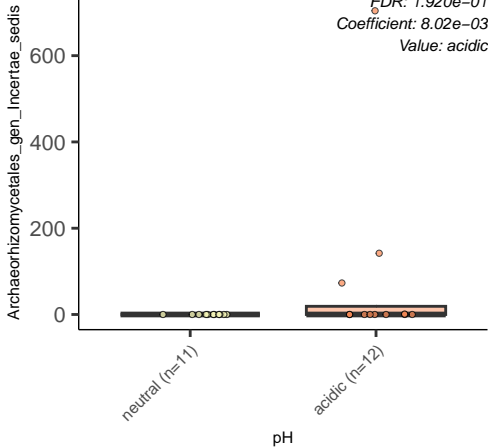


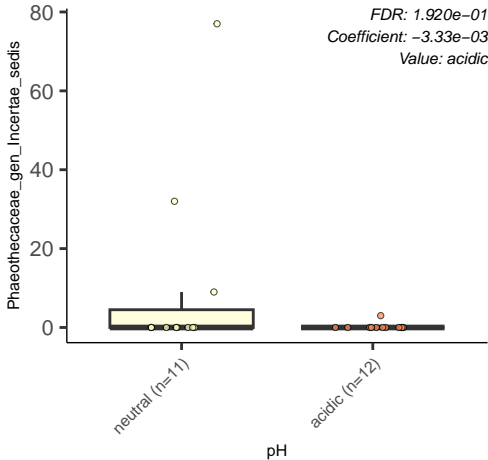


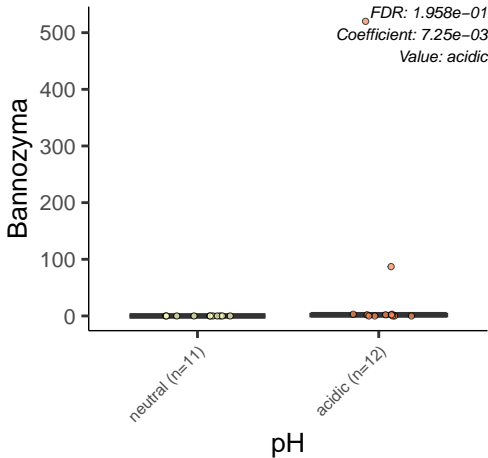


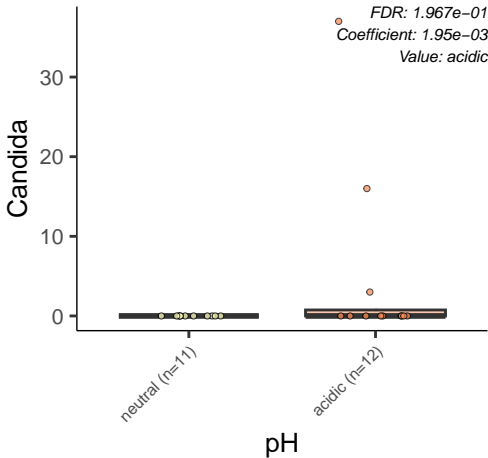


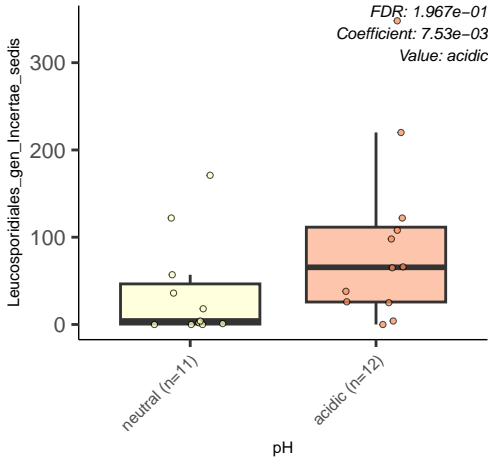












Xenasmatella

FDR: 1.967e-01
Coefficient: 4.54e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

150

100

50

0

Geminibasidium

FDR: 1.997e-01

Coefficient: -4.59e-02

Value: acidic

10000

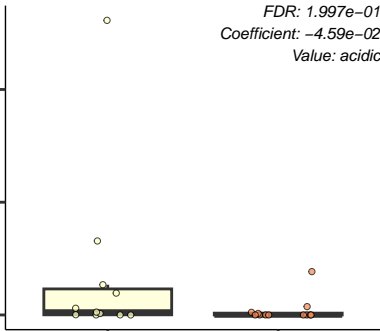
5000

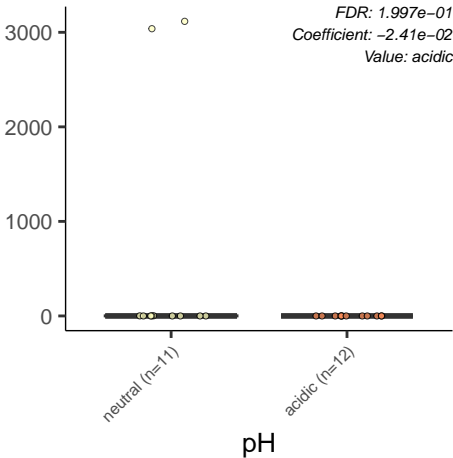
0

neutral (n=11)

acidic (n=12)

pH





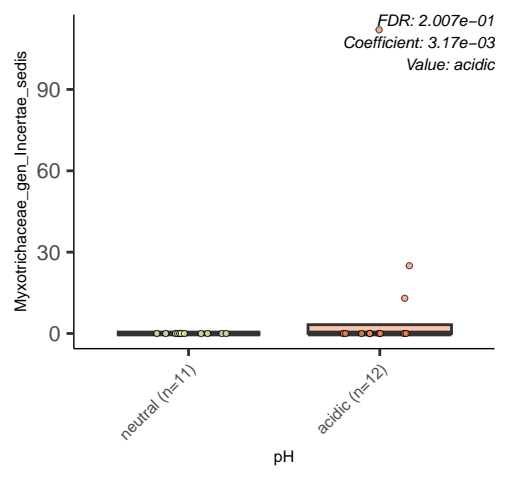
Myxotrichaceae_gen_Incertae_sedis

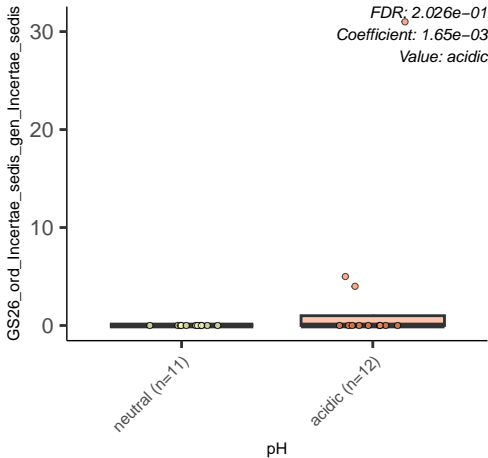
FDR: 2.007e-01
Coefficient: 3.17e-03
Value: acidic

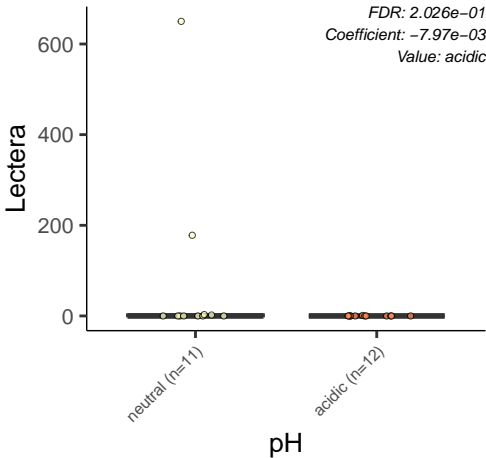
neutral (n=11)

acidic (n=12)

pH







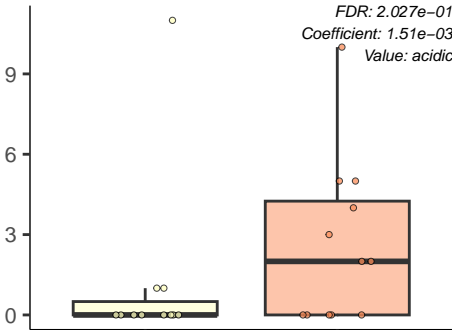
Kuehneromyces

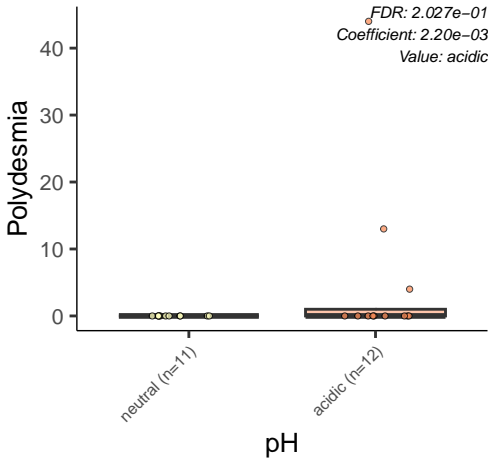
neutral (n=11)

acidic (n=12)

pH

FDR: 2.027e-01
Coefficient: 1.51e-03
Value: acidic





Naganishia

FDR: 2.089e-01

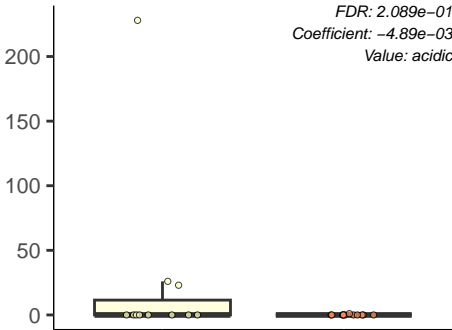
Coefficient: -4.89e-03

Value: acidic

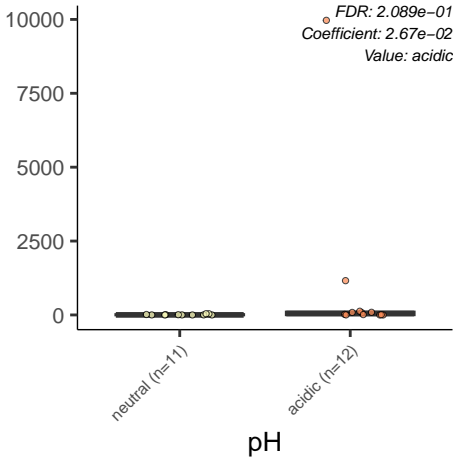
neutral (n=11)

acidic (n=12)

pH



Sistotrema



Teratosphaeria

250
200
150
100
50
0

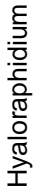
FDR: 2.089e-01
Coefficient: 5.70e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





FDR: 2.125e-01

Coefficient: $-2.34e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Leotiales_gen_Incertae_sedis

FDR: 2.125e-01
Coefficient: 1.34e-03
Value: acidic

15

10

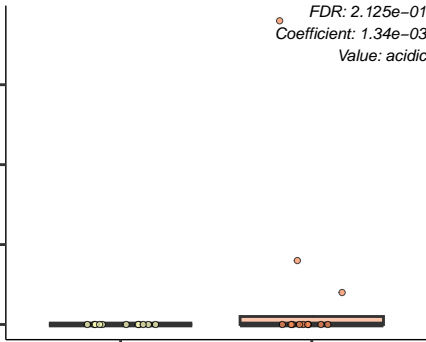
5

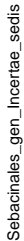
0

neutral (n=11)

acidic (n=12)

pH





FDR: 2.133e-01

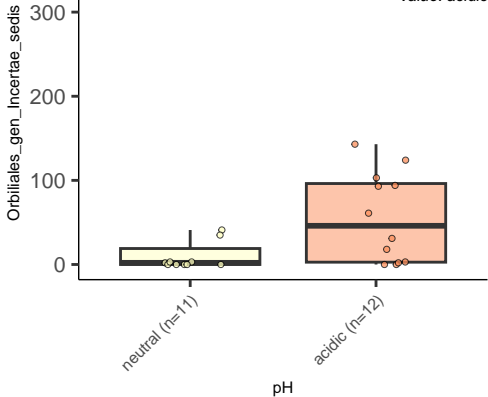
Coefficient: $-3.06e-02$

Value: acidic



pH

Value: acidic



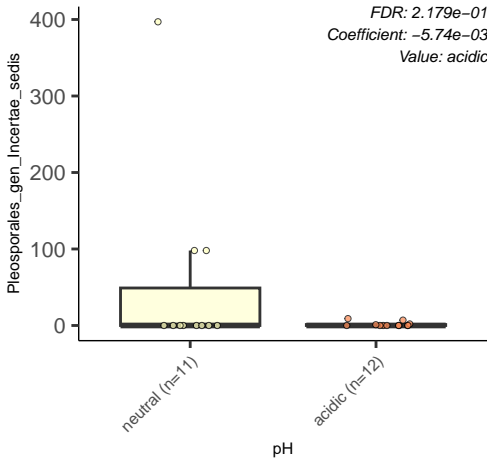
Pleosporales_gen_Incertae_sedis

FDR: 2.179e-01
Coefficient: -5.74e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



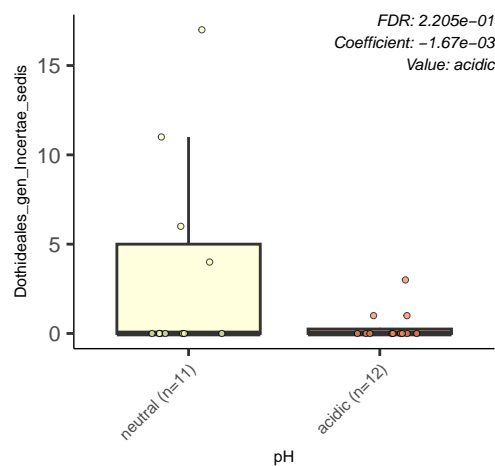
Dothideales_gen_Incertae_sedis

FDR: 2.205e-01
Coefficient: -1.67e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



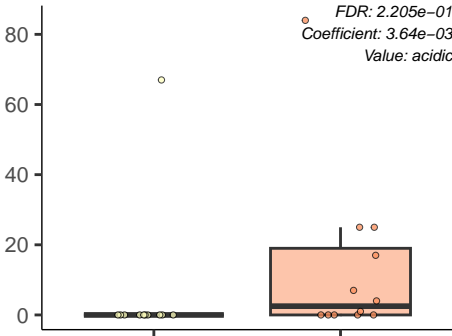
Metschnikowia

FDR: 2.205e-01
Coefficient: 3.64e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Neoacrodontium

FDR: 2.205e-01

Coefficient: -4.49e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH

200

150

100

50

0

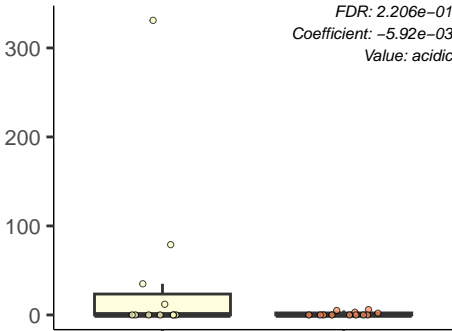
Lapidomyces

neutral (n=11)

acidic (n=12)

pH

FDR: 2.206e-01
Coefficient: -5.92e-03
Value: acidic



Tympanidaceae_gen_Incertae_sedis

FDR: 2.212e-01
Coefficient: 2.10e-02
Value: acidic

2000

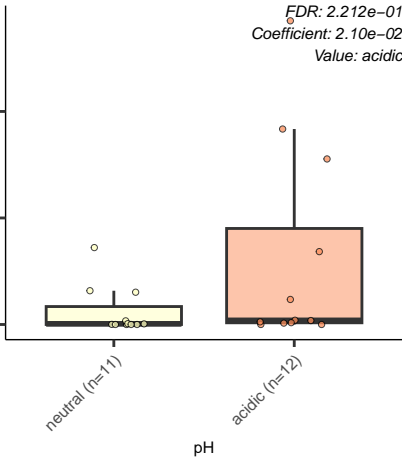
1000

0

neutral (n=11)

acidic (n=12)

pH



Stilbella

FDR: 2.232×10^{-1}
Coefficient: 2.21×10^{-2}
Value: acidic

2000

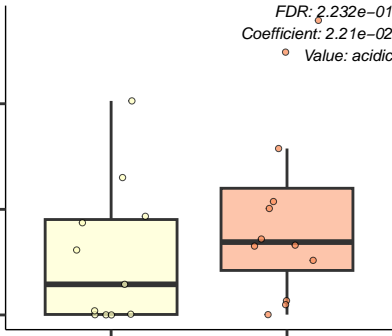
1000

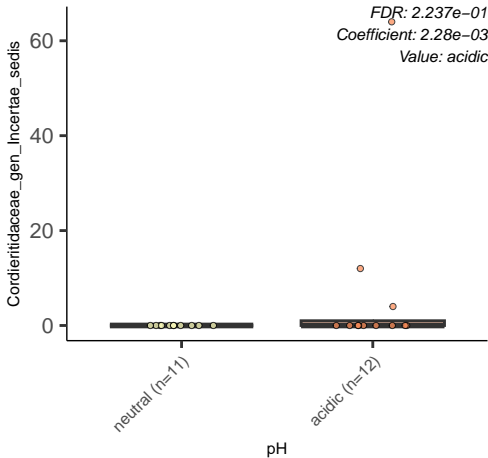
0

neutral (n=11)

acidic (n=12)

pH





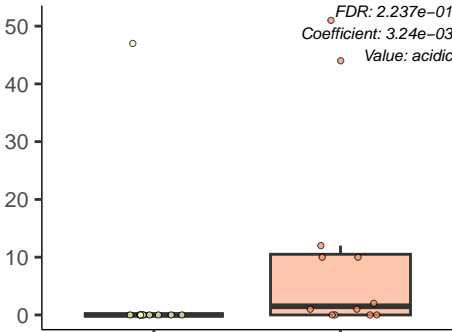
Exobasidium

FDR: 2.237e-01
Coefficient: 3.24e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Kockovaella

FDR: 2.237e-01
Coefficient: 3.13e-03
Value: acidic

60

40

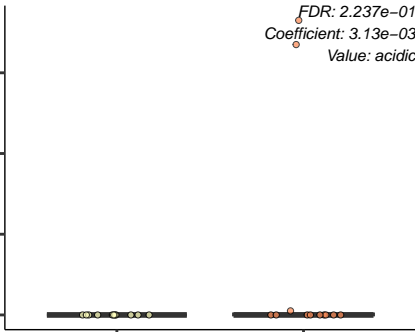
20

0

neutral (n=11)

acidic (n=12)

pH



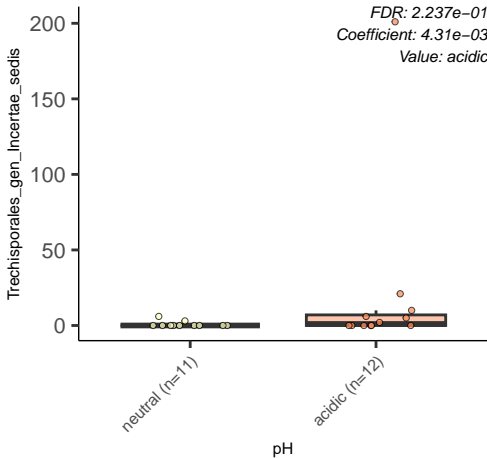
Trechisporales_gen_Incertae_sedis

FDR: 2.237e-01
Coefficient: 4.31e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



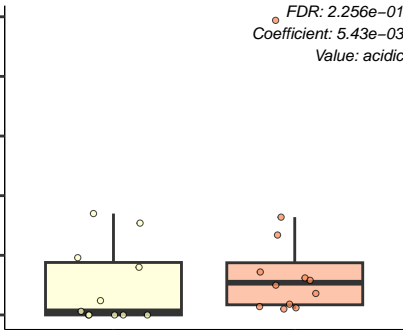
Piskurozyma

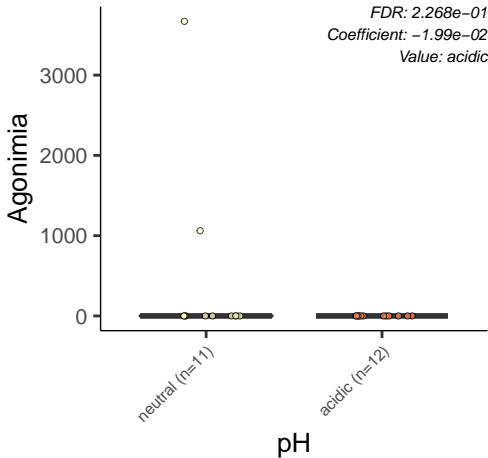
FDR: 2.256e-01
Coefficient: 5.43e-03
Value: acidic

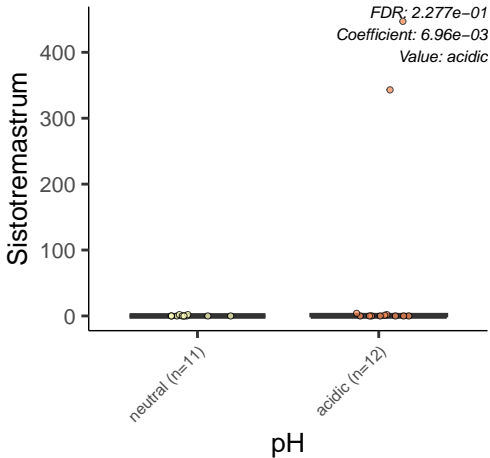
neutral (n=11)

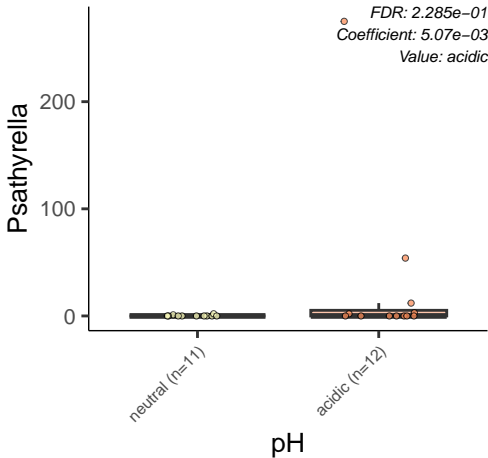
acidic (n=12)

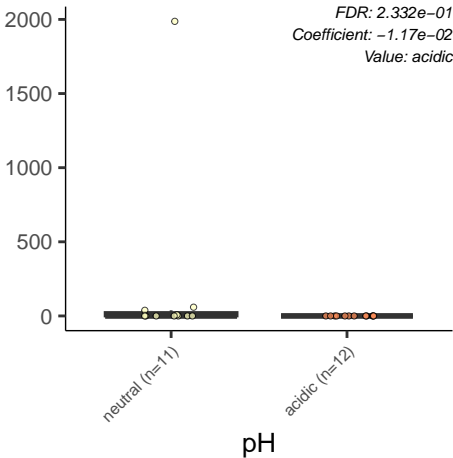
pH













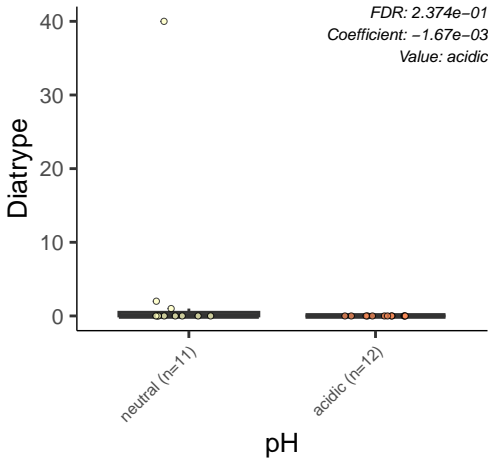
FDR: 2.374e-01

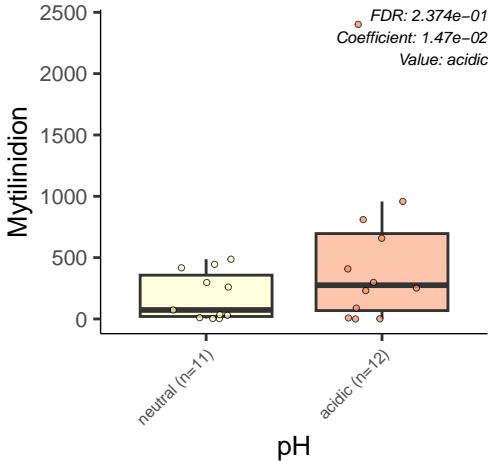
Coefficient: $-7.02e-03$

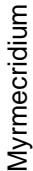
Value: acidic



pH







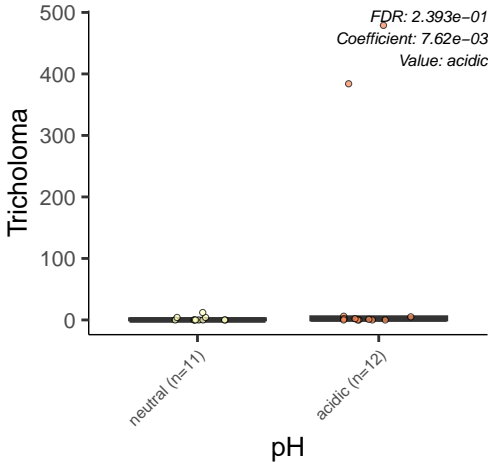
FDR: 2.390e-01

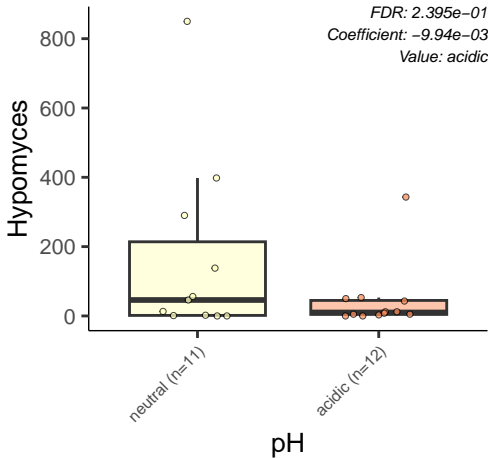
Coefficient: $-4.58e-03$

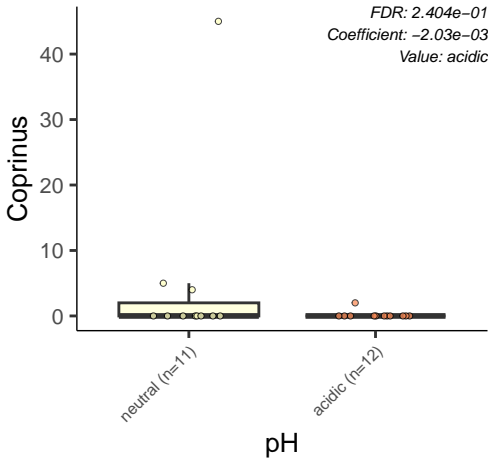
Value: acidic



pH







Dissophora

400

300

200

100

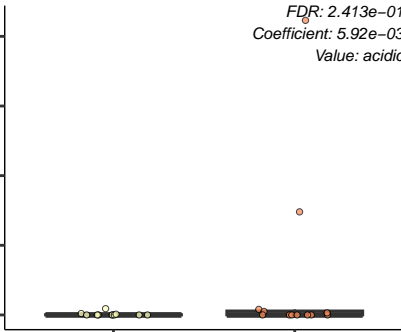
0

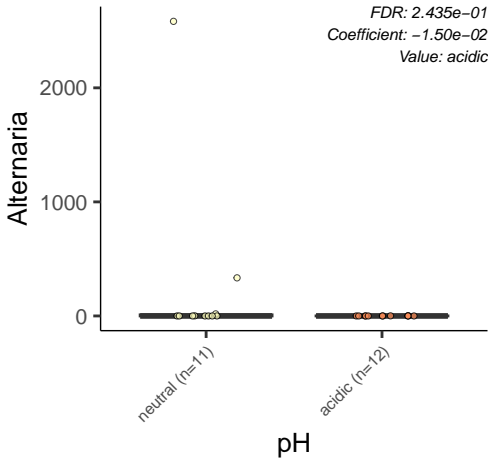
neutral (n=11)

acidic (n=12)

pH

FDR: 2.413e-01
Coefficient: 5.92e-03
Value: acidic





Mycenaceae_gen_Incertae_sedis

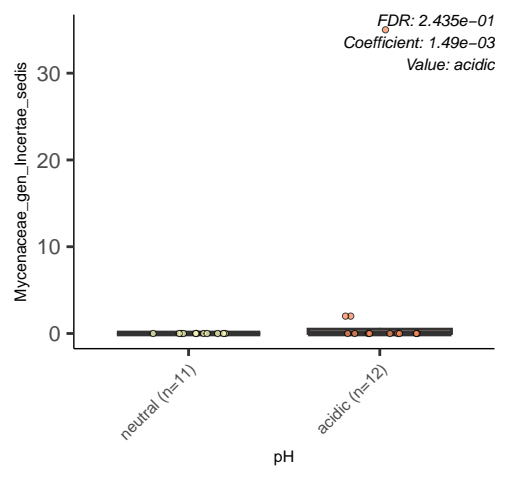
FDR: 2.435e-01
Coefficient: 1.49e-03
Value: acidic

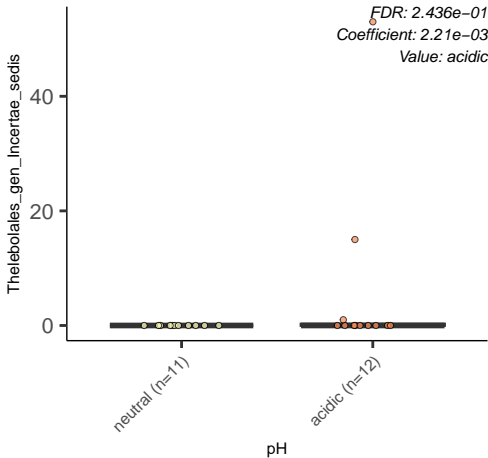
30
20
10
0

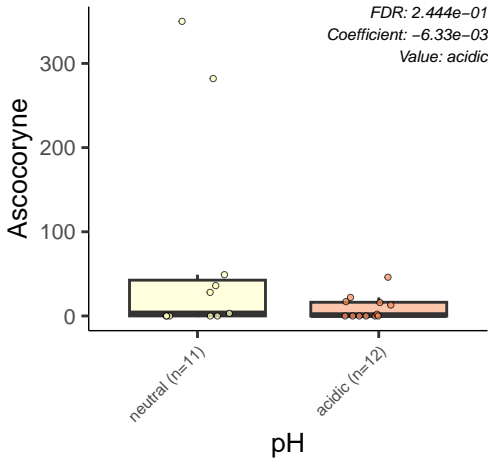
neutral (n=11)

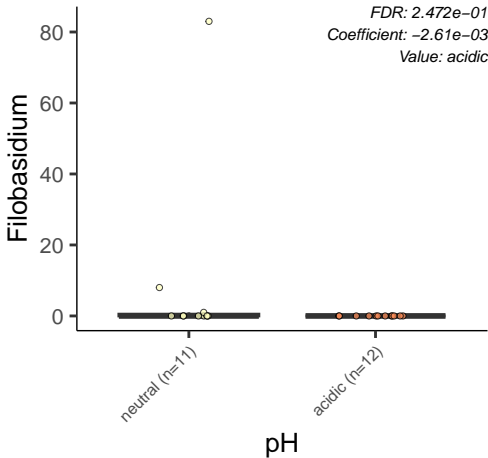
acidic (n=12)

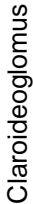
pH











FDR: 2.483e-01

Coefficient: $-1.60e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH



FDR: 2.491e-01

Coefficient: $-1.16e-02$

Value: acidic

1500

1000

500

0

neutral (n=11)

acidic ($n=12$)

pH