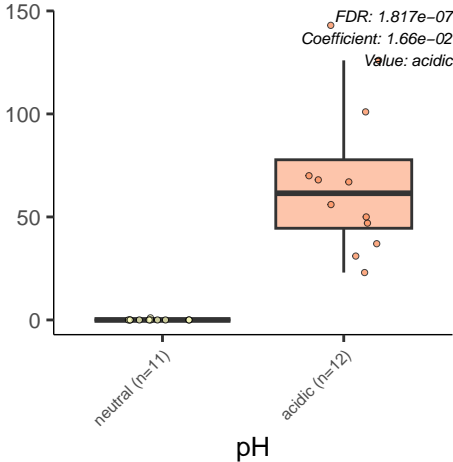
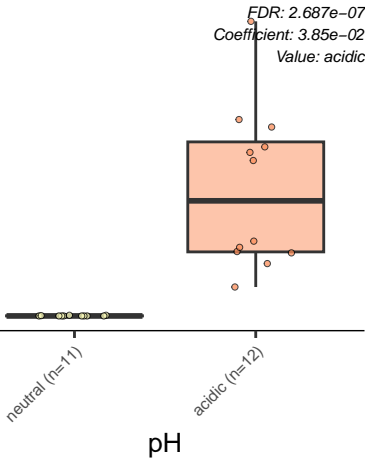


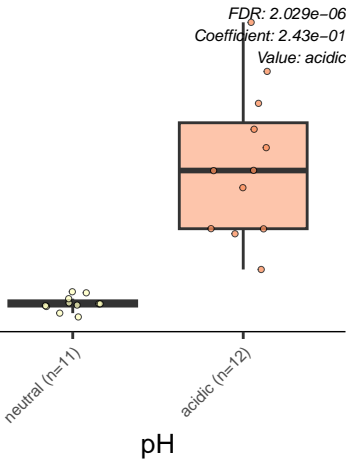
Botryobasidium



Entomortierella



Mortierella



Meliniomyces

12000

9000

6000

3000

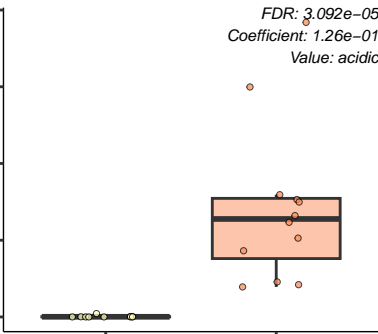
0

neutral (n=11)

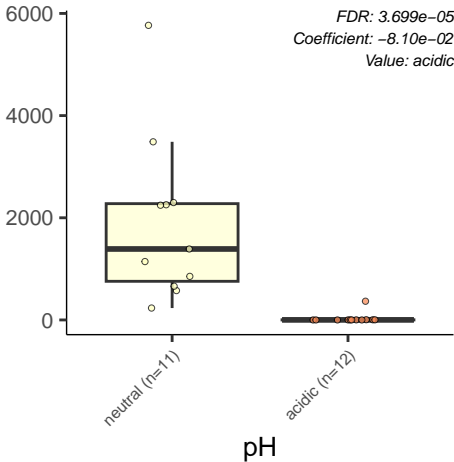
acidic (n=12)

pH

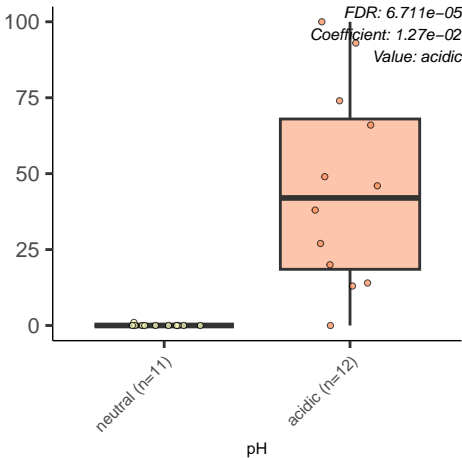
FDR: 3.092e-05
Coefficient: 1.26e-01
Value: acidic



Pezizellaster



Acarosporales_gen_Incertae_sedis



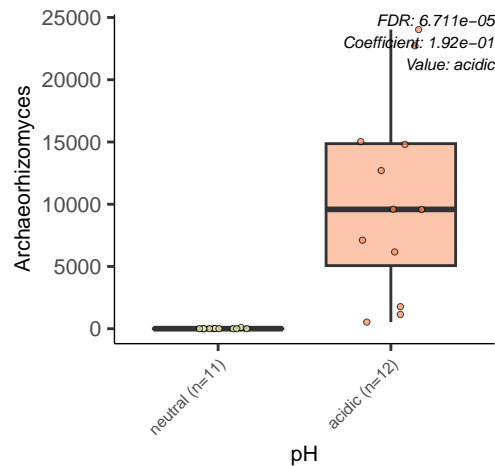
Archaeorhizomyces

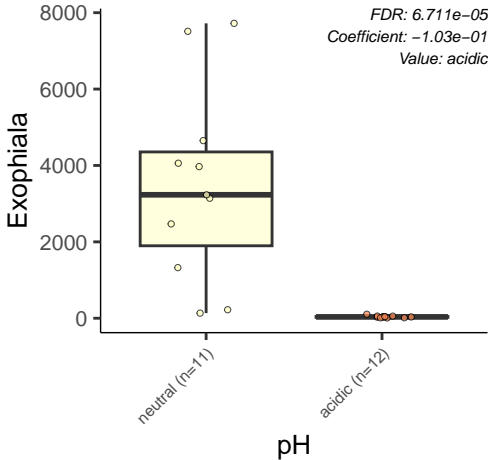
neutral (n=11)

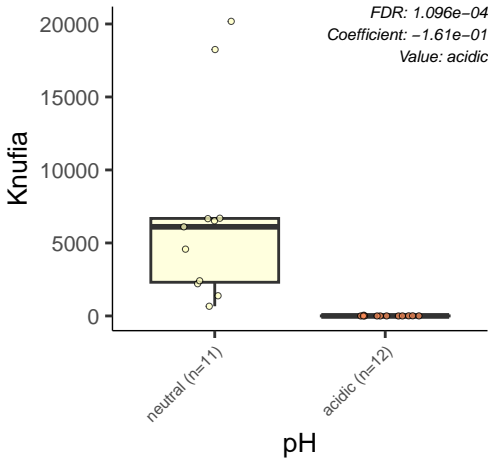
acidic (n=12)

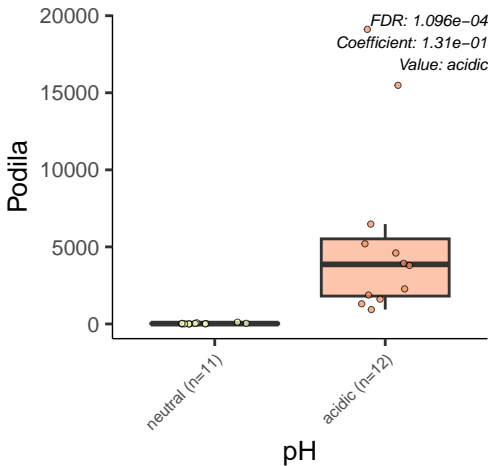
pH

FDR: 6.711e-05
Coefficient: 1.92e-01
Value: acidic









Synccephalis

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

1000

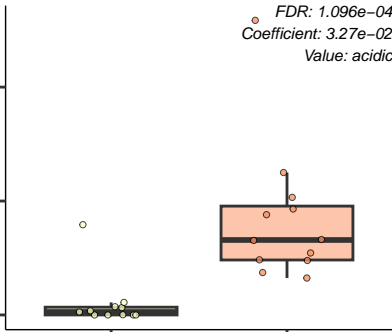
500

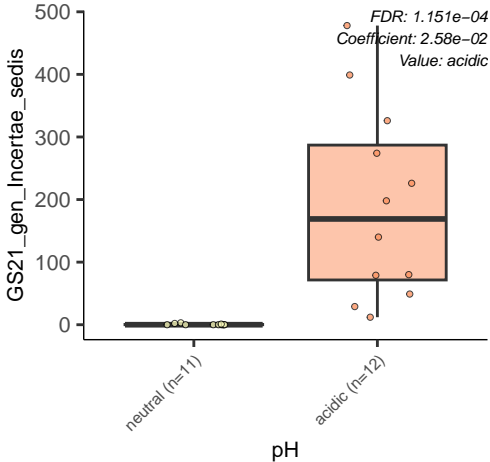
0

neutral (n=11)

acidic (n=12)

pH





Lachnellula

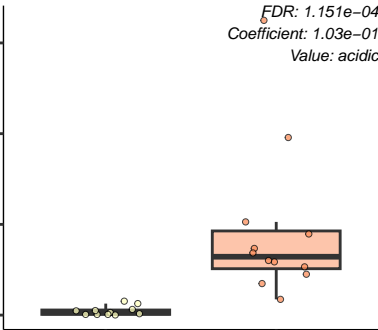
15000
10000
5000
0

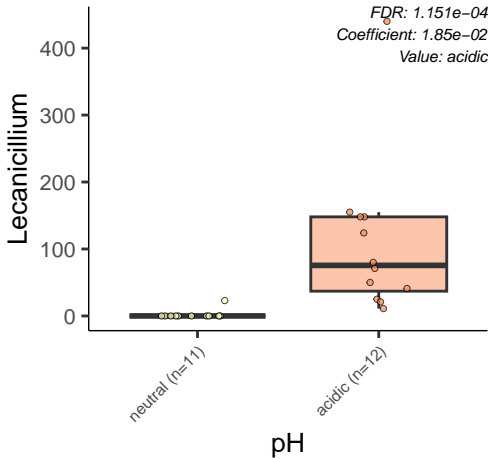
neutral (n=11)

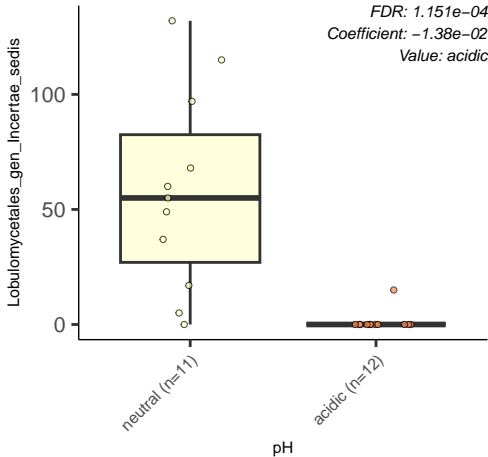
acidic (n=12)

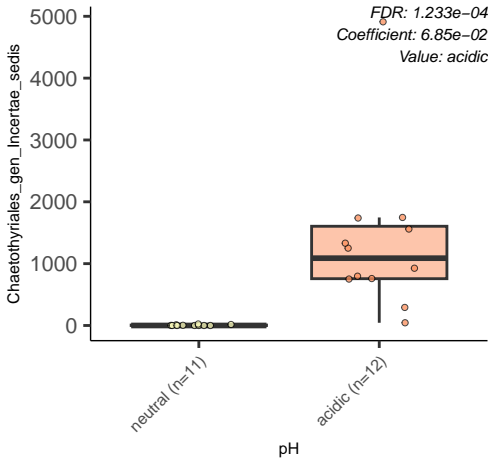
pH

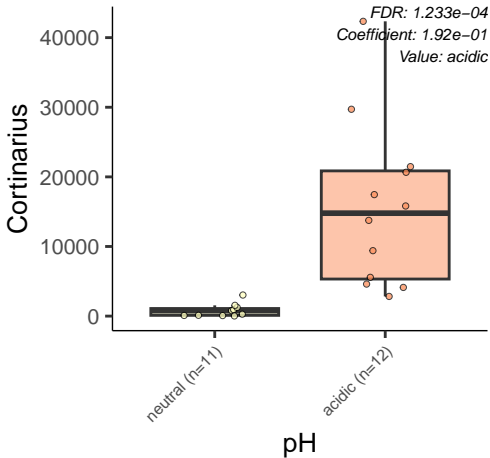
FDR: 1.151e-04
Coefficient: 1.03e-01
Value: acidic

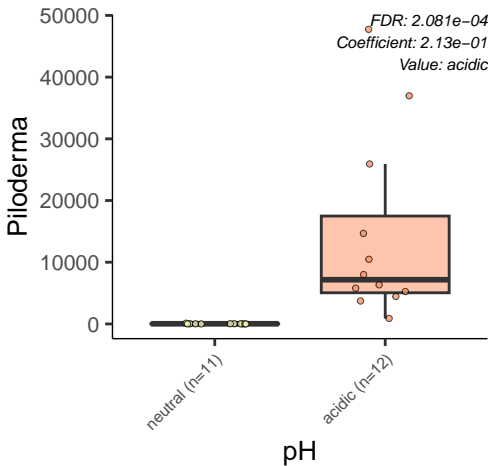












Leotiomyces_gen_Incertae_sedis

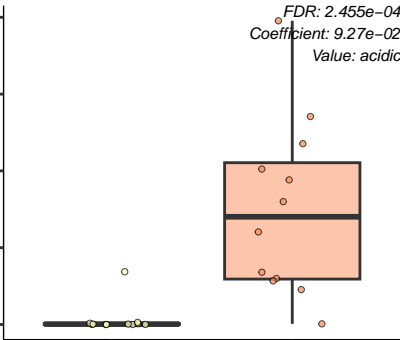
8000
6000
4000
2000
0

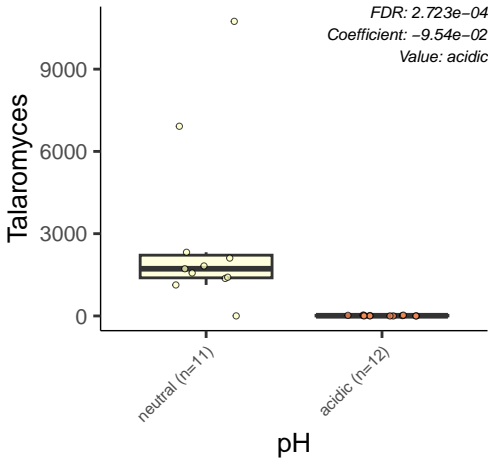
neutral (n=11)

acidic (n=12)

pH

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





Hyphodiscus

2000

1500

1000

500

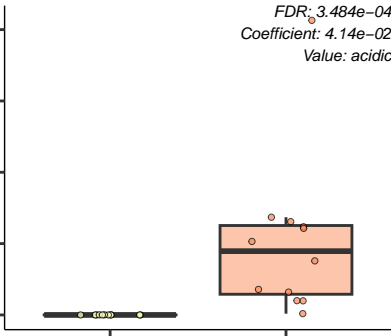
0

neutral (n=11)

acidic (n=12)

pH

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



Rhizidium

FDR: 3.484e-04
Coefficient: 7.81e-02
Value: acidic

6000

4000

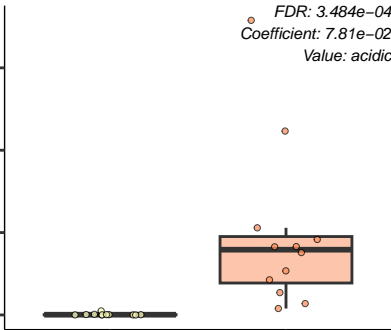
2000

0

neutral (n=11)

acidic (n=12)

pH



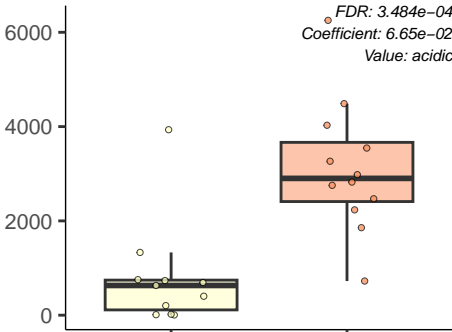
Umbelopsis

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

neutral (n=11)

acidic (n=12)

pH



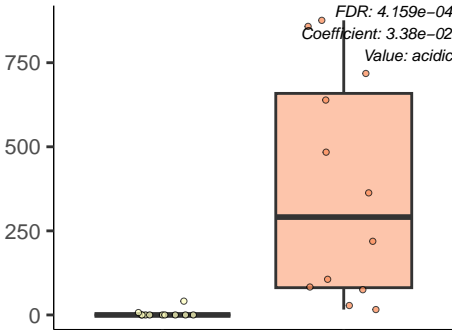
Sugiyamaella

neutral (n=11)

acidic (n=12)

pH

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



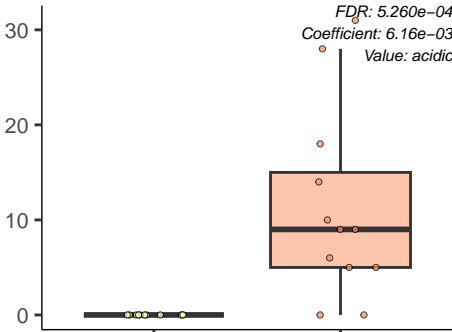
Pochochia

neutral (n=11)

acidic (n=12)

pH

FDR: 5.260e-04
Coefficient: 6.16e-03
Value: acidic



Leptobacillum

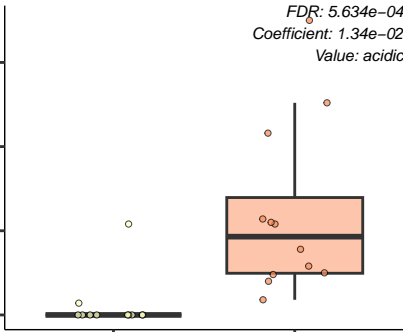
FDR: 5.634e-04
Coefficient: 1.34e-02
Value: acidic

150
100
50
0

neutral (n=11)

acidic (n=12)

pH



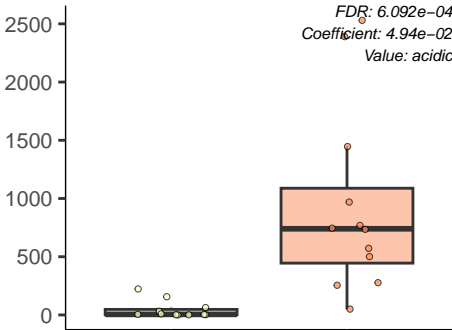
Leucosporidium

neutral (n=11)

acidic (n=12)

pH

FDR: $6.092e-04$
Coefficient: $4.94e-02$
Value: acidic



Humicolopsis

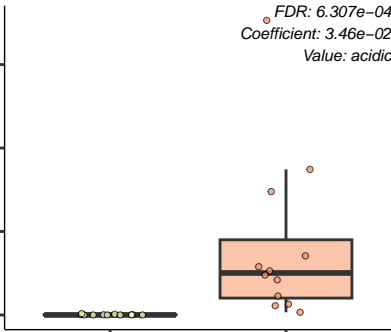
FDR: 6.307e-04
Coefficient: 3.46e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

1500
1000
500
0



Pezoloma

20000

10000

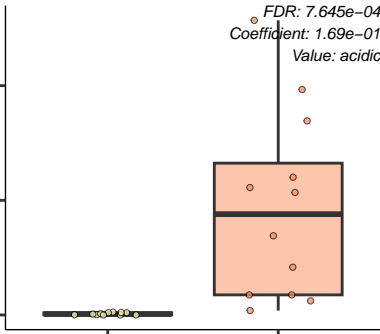
0

neutral (n=11)

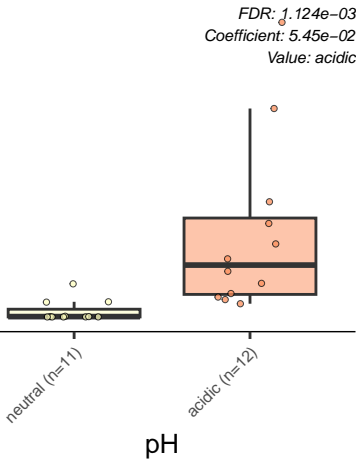
acidic (n=12)

pH

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



Phialocephala



Paraphoma

FDR: 1.388e-03

Coefficient: -4.41e-02

Value: acidic

3000

2000

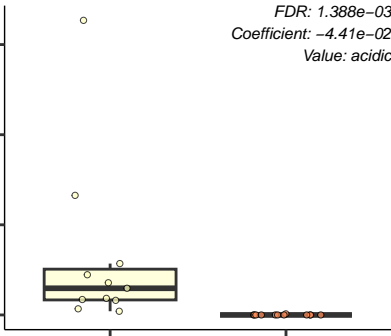
1000

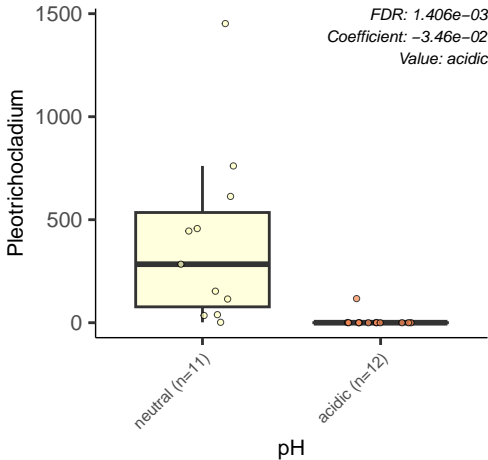
0

neutral (n=11)

acidic (n=12)

pH





Cenococcum

3000

2000

1000

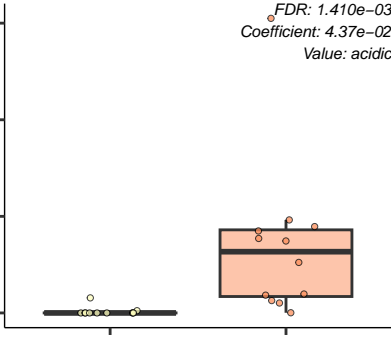
0

neutral (n=11)

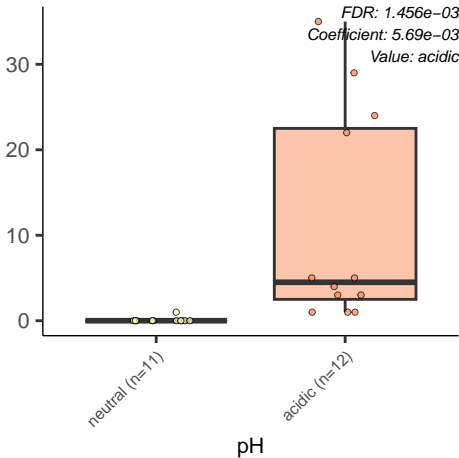
acidic (n=12)

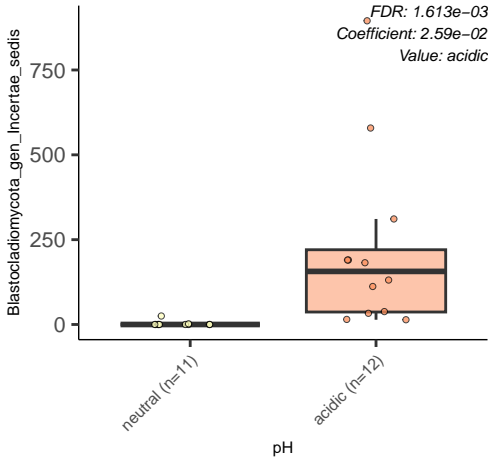
pH

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



Allantophomopsiella





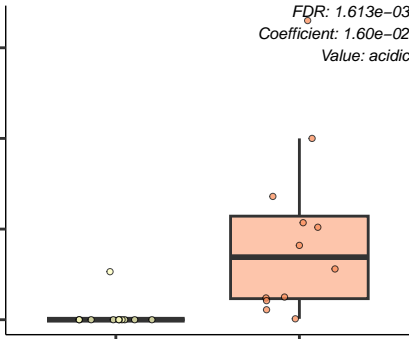
GS15_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



Sorocyte

75

50

25

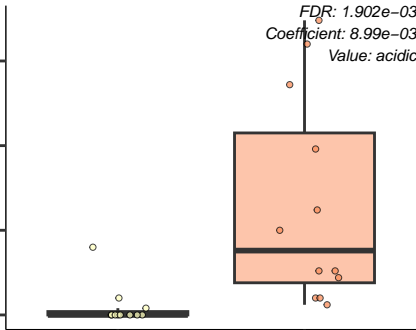
0

neutral (n=11)

acidic (n=12)

pH

FDR: $1.902e-03$
Coefficient: $8.99e-03$
Value: acidic



GS04_gen_Incertae_sedis

100

50

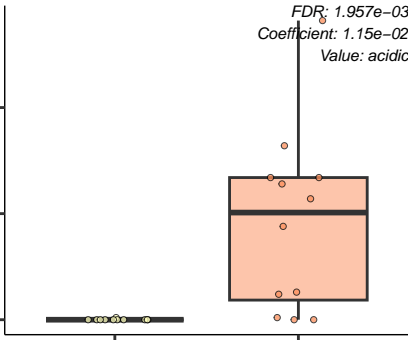
0

neutral (n=11)

acidic (n=12)

pH

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



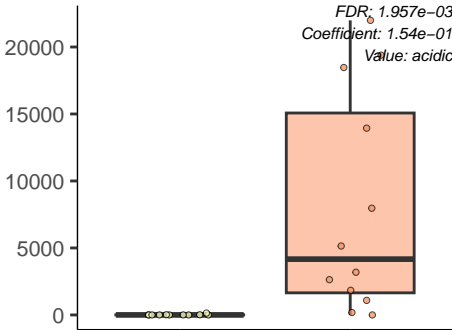
Sclerococcum

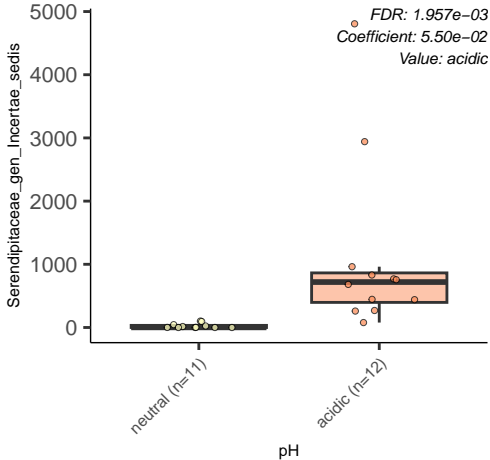
neutral (n=11)

acidic (n=12)

pH

FDR: 1.957×10^{-3}
Coefficient: 1.54×10^{-1}
Value: acidic





Tyrannosorus

1000

500

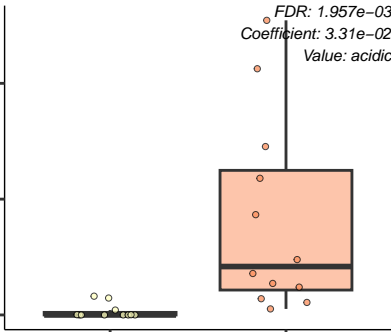
0

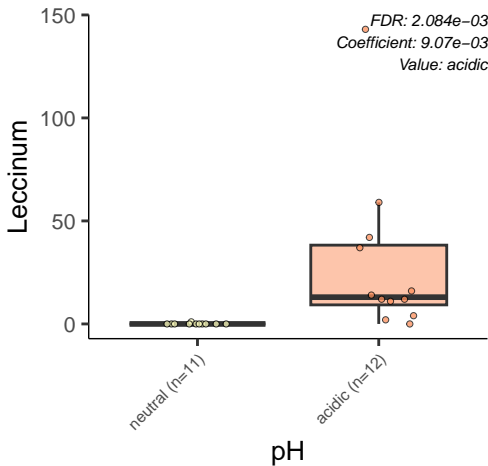
neutral (n=11)

acidic (n=12)

pH

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





Pseudocoleophoma

FDR: 2.084e-03

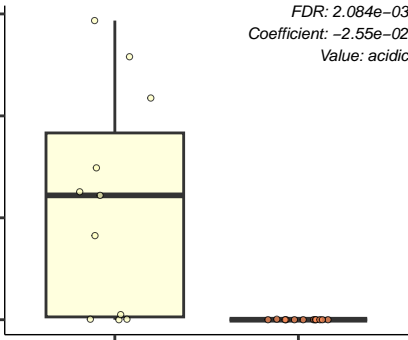
Coefficient: -2.55e-02

Value: acidic

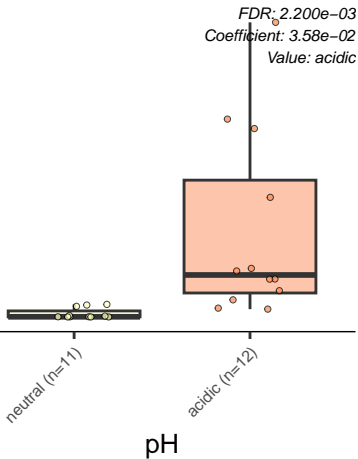
neutral (n=11)

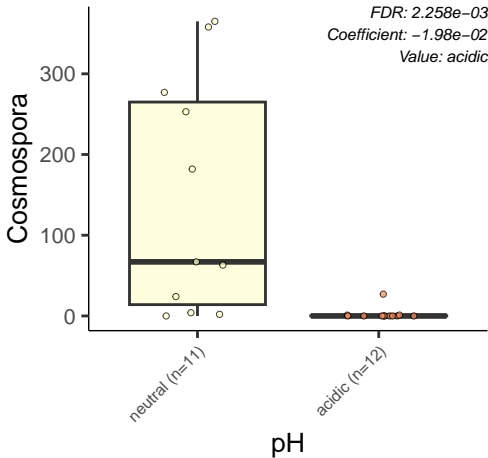
acidic (n=12)

pH

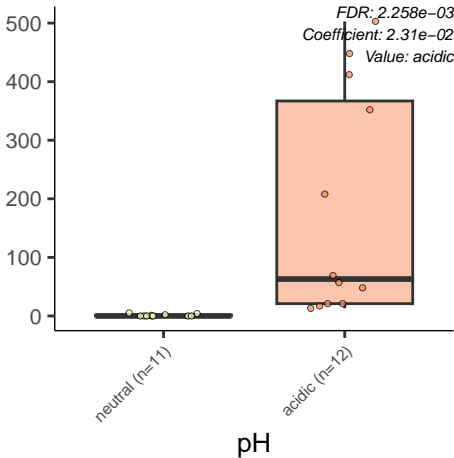


Mycena

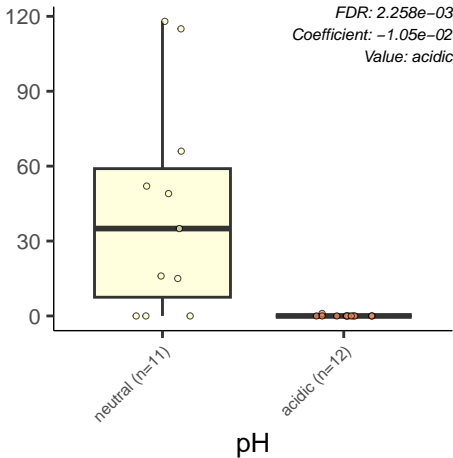


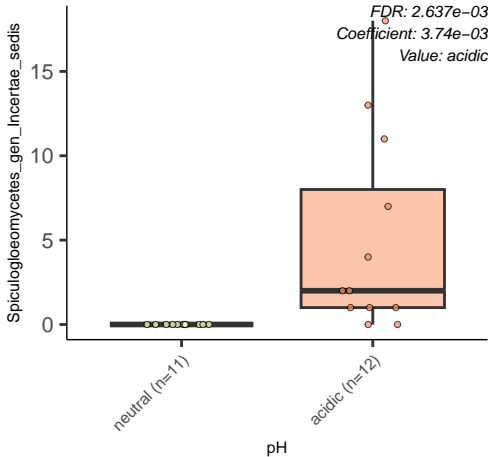


Crociareas



Tricelophorus





Dermateaceae_gen_Incertae_sedis

100

50

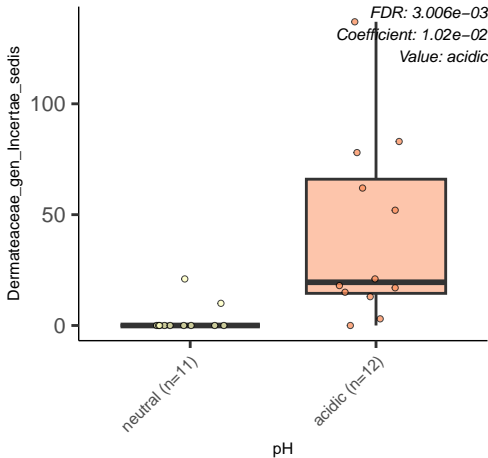
0

neutral (n=11)

acidic (n=12)

pH

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



Galerina

FDR: 3.330e-03
Coefficient: 1.25e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

200

150

100

50

0

Cephalothecaceae_gen_Incertae_sedis

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

7500

5000

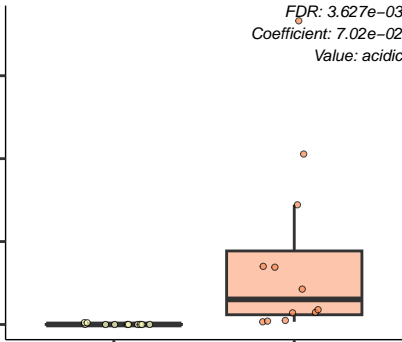
2500

0

neutral (n=11)

acidic (n=12)

pH



Truncatella

1000

500

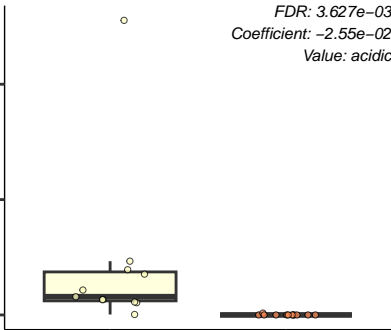
0

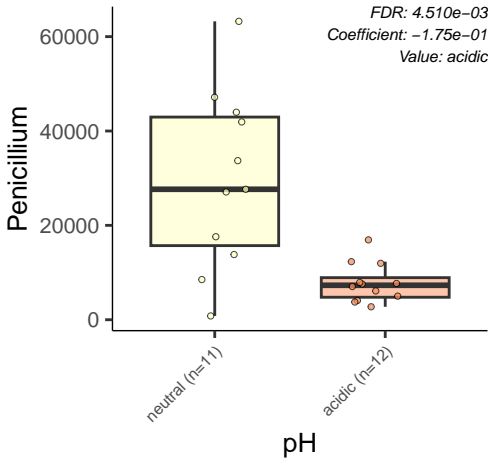
neutral (n=11)

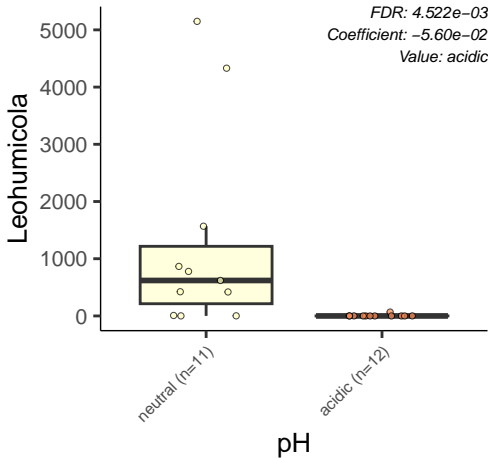
acidic (n=12)

pH

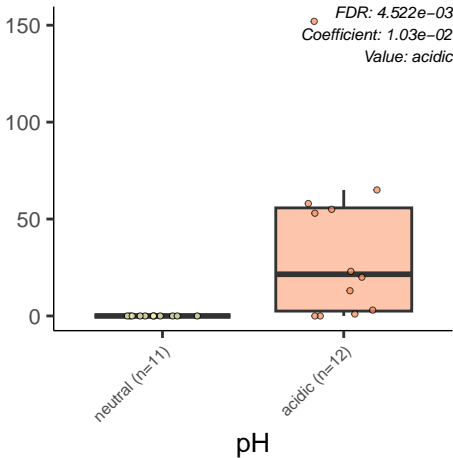
FDR: 3.627e-03
Coefficient: -2.55e-02
Value: acidic







Scleropezicula



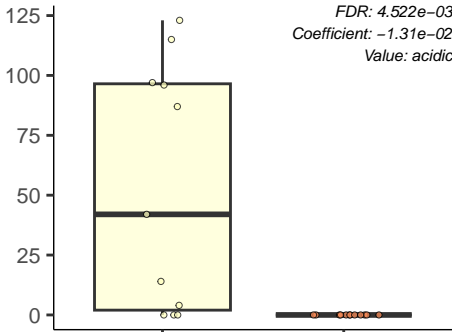
Verrucococcum

FDR: 4.522e-03
Coefficient: -1.31e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sclerostagonospora

FDR: 4.938e-03

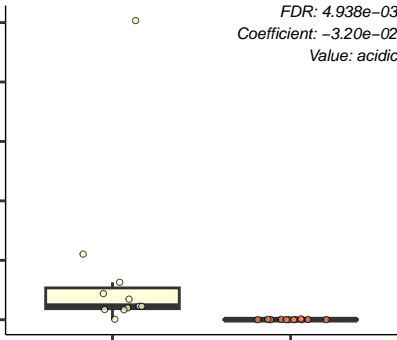
Coefficient: -3.20e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



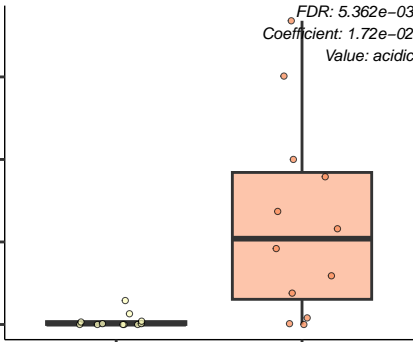
Chytridiales_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



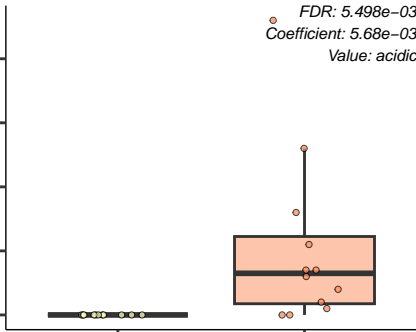
Pseudohyphozyma

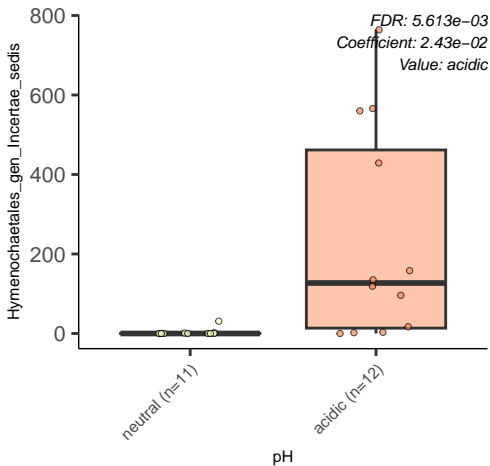
FDR: $5.498e-03$
Coefficient: $5.68e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH





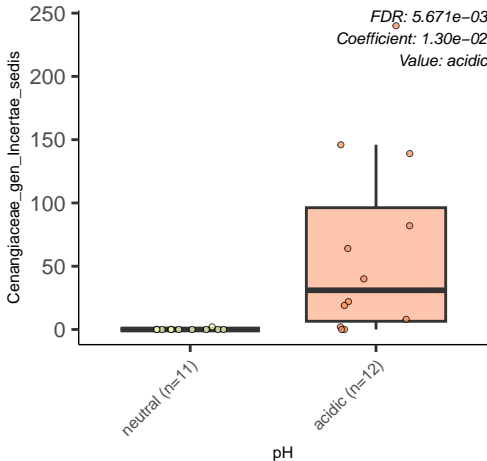
Cenangiaceae_gen_Incertae_sedis

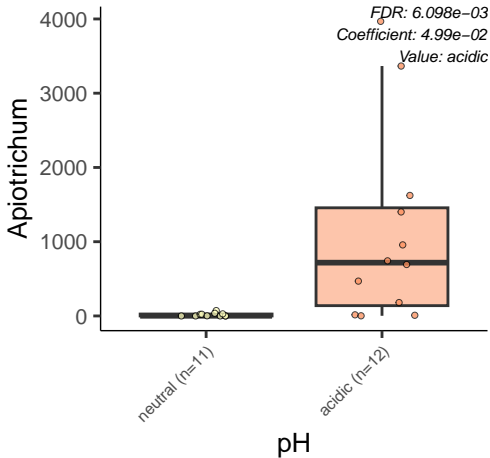
FDR: 5.671e-03
Coefficient: 1.30e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





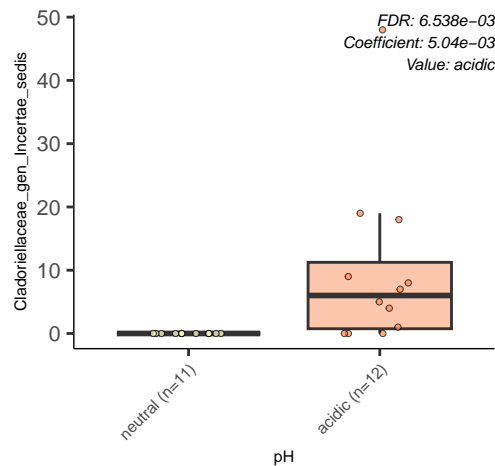
Cladriellaceae_gen_Incertae_sedis

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

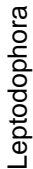
neutral (n=11)

acidic (n=12)

pH



Value: acidic



1500

500

0

neutral (n=11)

acidic ($n=12$)

pH

Babjeviella

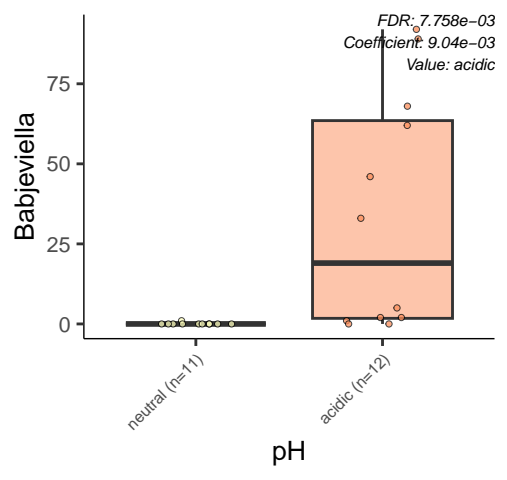
75
50
25
0

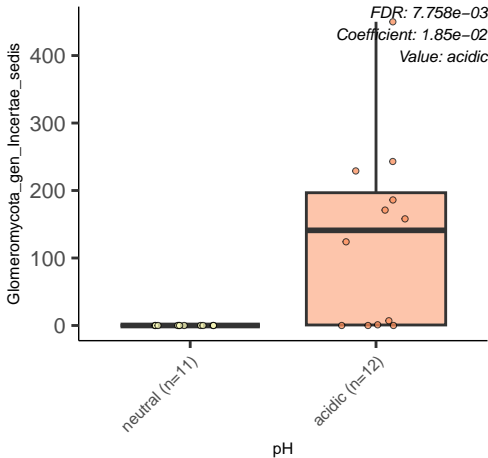
neutral (n=11)

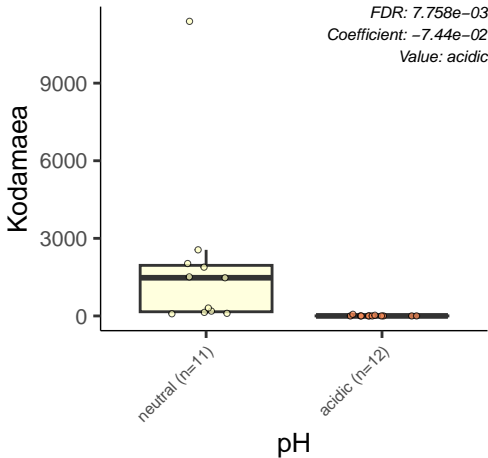
acidic (n=12)

pH

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







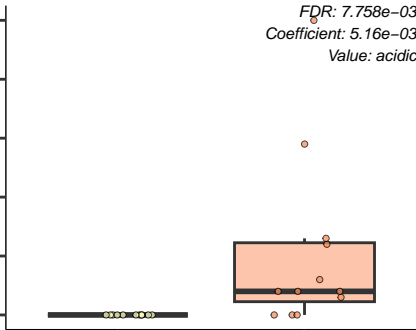
Nagrajchalara

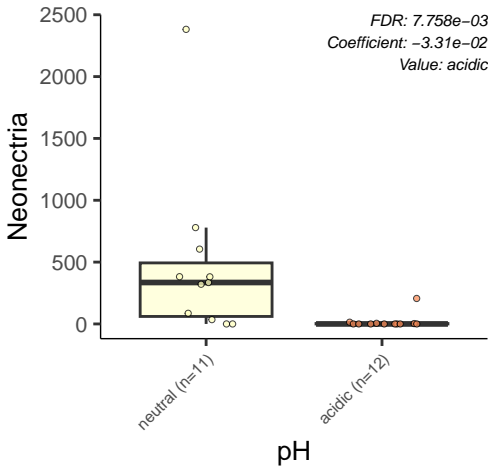
FDR: 7.758e-03
Coefficient: 5.16e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Nothodactylaria

FDR: 7.758e-03

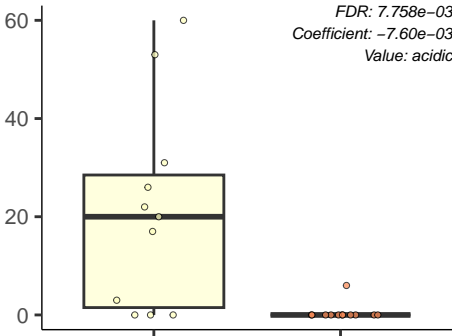
Coefficient: -7.60e-03

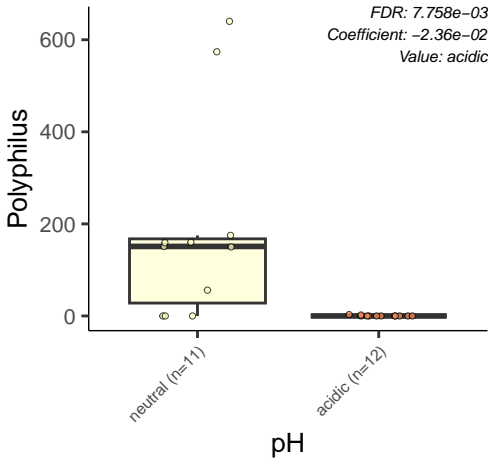
Value: acidic

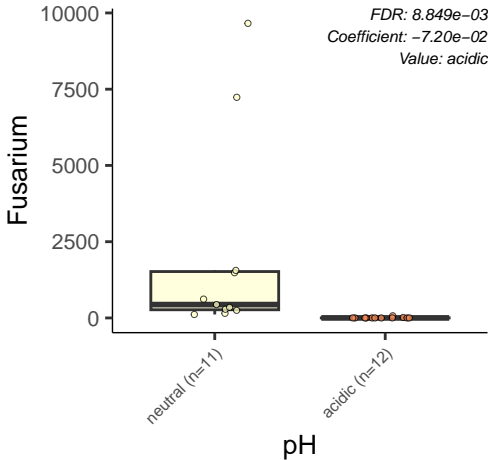
neutral (n=11)

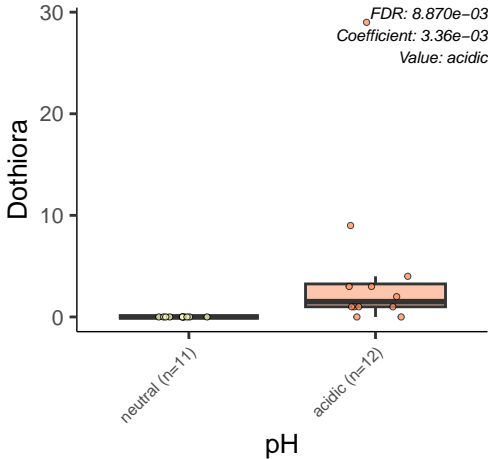
acidic (n=12)

pH









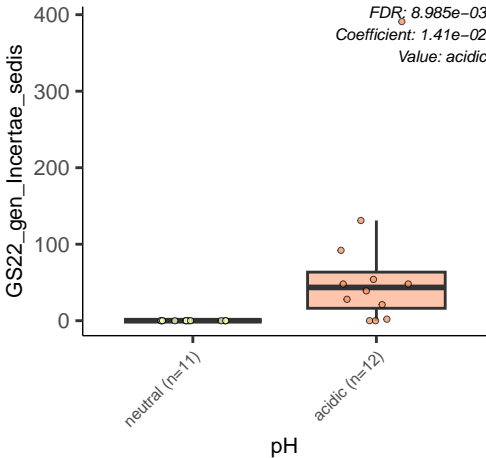
GS22_gen_Incertae_sedis

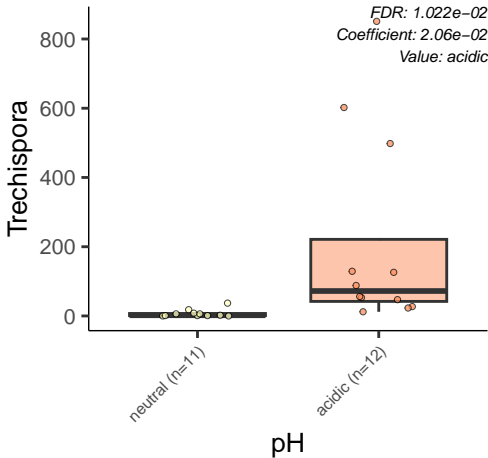
FDR: 8.985e-03
Coefficient: 1.41e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Claussenomyces

FDR: $1.049\text{e-}02$
Coefficient: $1.91\text{e-}02$
● Value: acidic

400

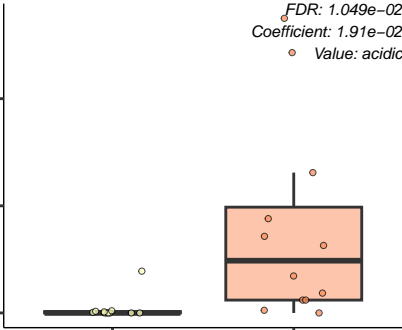
200

0

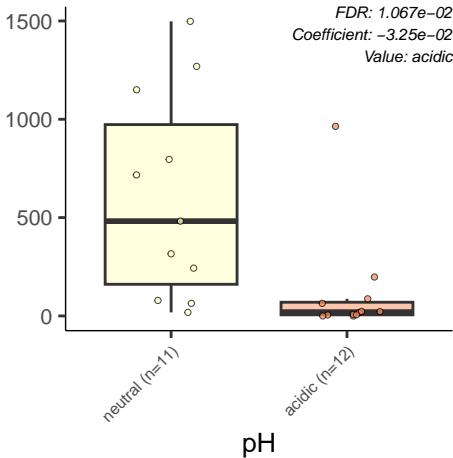
neutral (n=11)

acidic (n=12)

pH



Cadophora



Cladophialophora

FDR: 1.067e-02

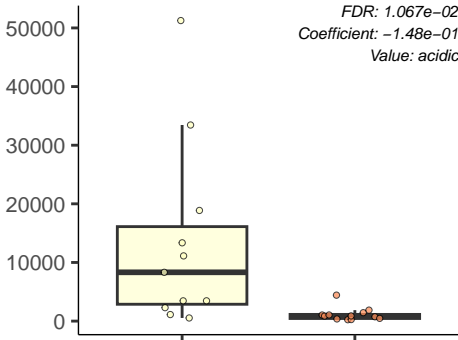
Coefficient: -1.48e-01

Value: acidic

neutral (n=11)

acidic (n=12)

pH



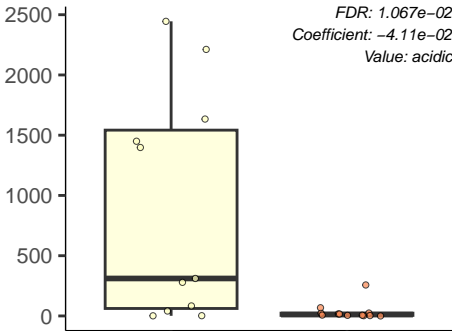
Sporormiella

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

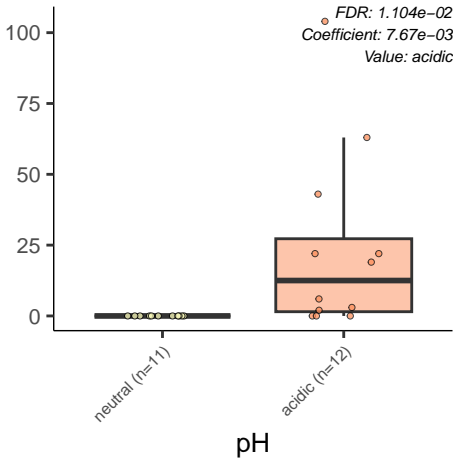
neutral (n=11)

acidic (n=12)

pH



Fayodia



Flammula

40

20

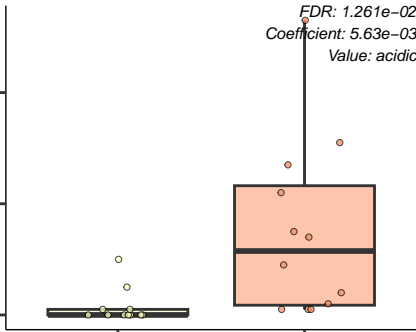
0

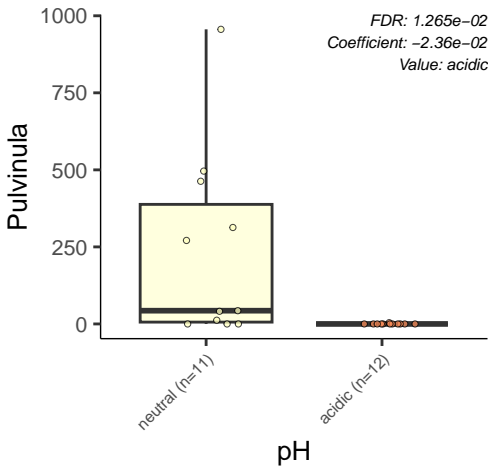
neutral (n=11)

acidic (n=12)

pH

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





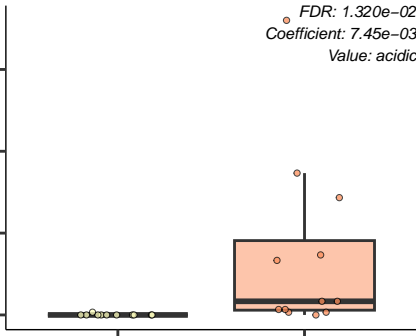
Cystoderma

FDR: 1.320e-02
Coefficient: 7.45e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



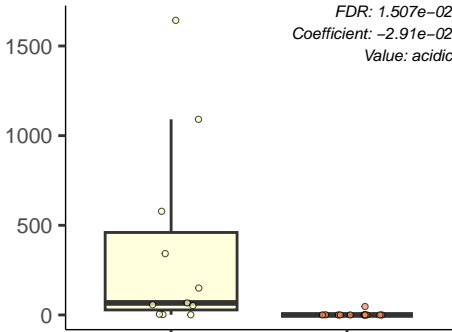
Helvella

neutral (n=11)

acidic (n=12)

pH

FDR: 1.507e-02
Coefficient: -2.91e-02
Value: acidic



Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

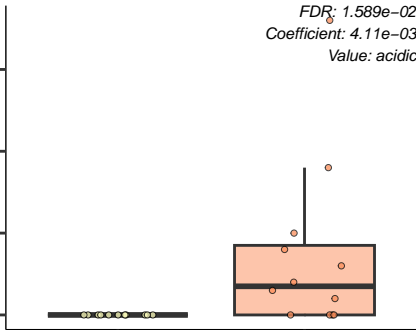
Gymnopus

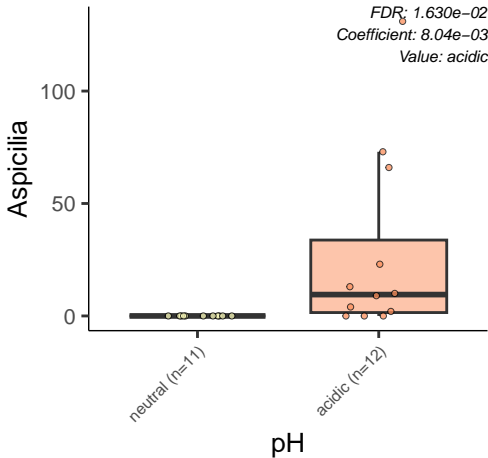
FDR: 1.589e-02
Coefficient: 4.11e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





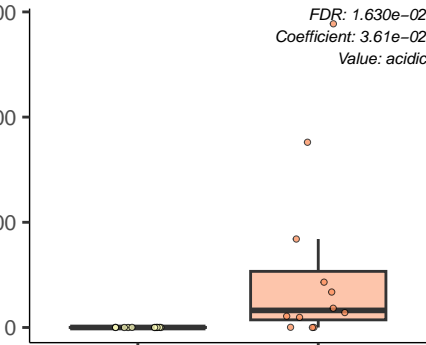
Branch01_gen_Incertae_sedis

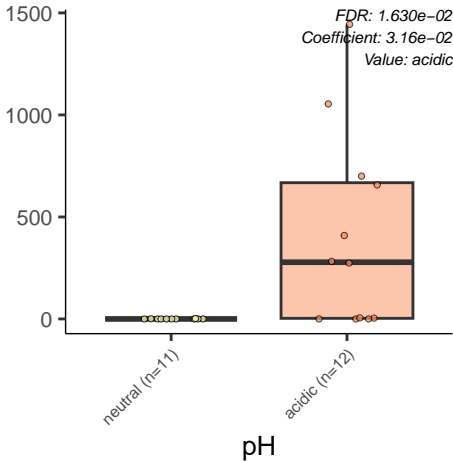
FDR: 1.630e-02
Coefficient: 3.61e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Plectosphaerella

FDR: 1.630e-02

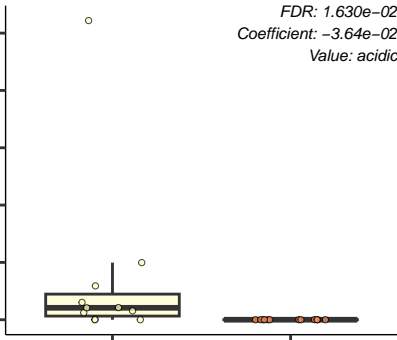
Coefficient: -3.64e-02

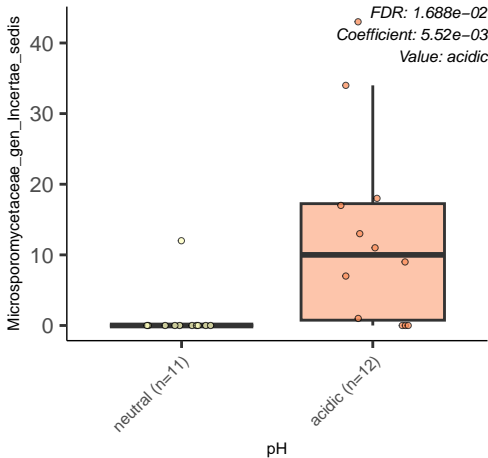
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Kurtzmanomyces

FDR: 1.749e-02

Coefficient: -2.38e-02

Value: acidic

1000

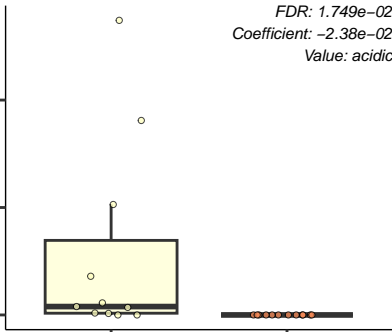
500

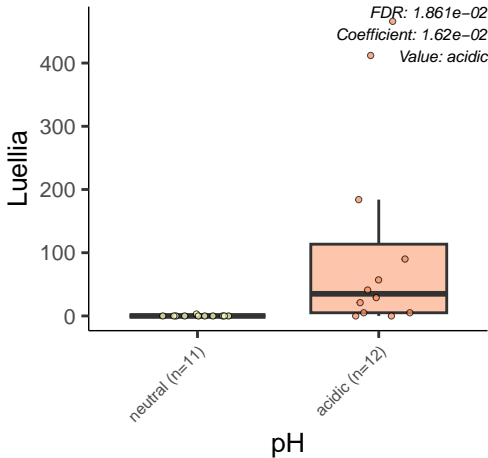
0

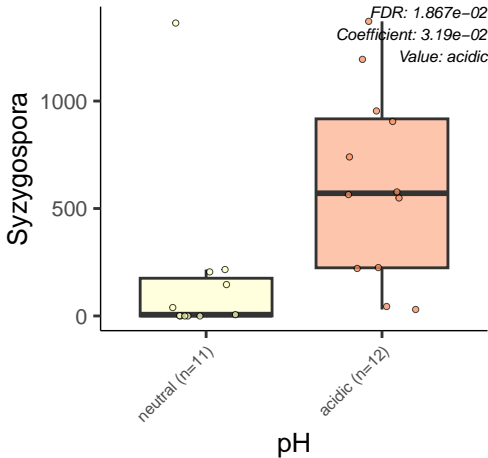
neutral (n=11)

acidic (n=12)

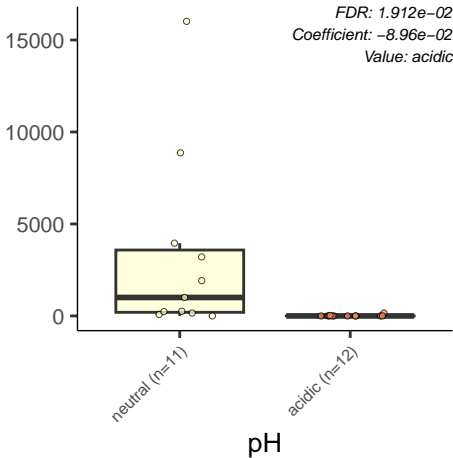
pH







Tetracladium



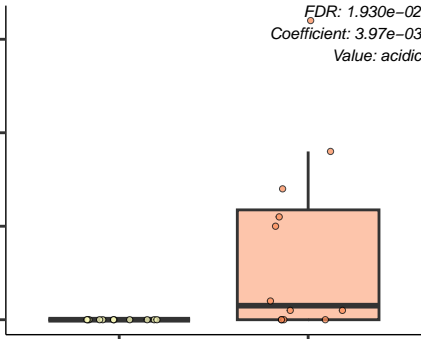
Krasilnikovozyma

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

neutral (n=11)

acidic (n=12)

pH



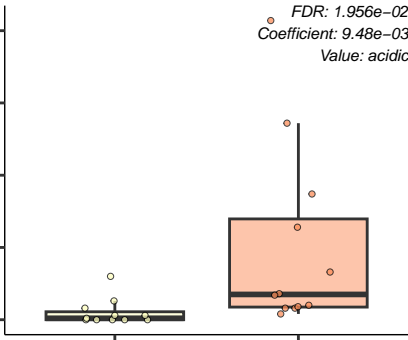
Pseudogymnoascus

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

60

40

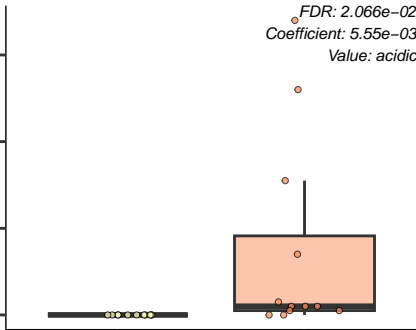
20

0

neutral (n=11)

acidic (n=12)

pH



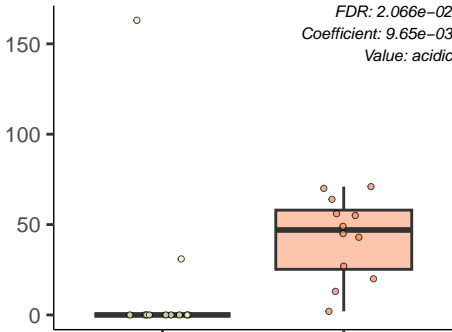
Tremella

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

neutral (n=11)

acidic (n=12)

pH



Phaeotremella

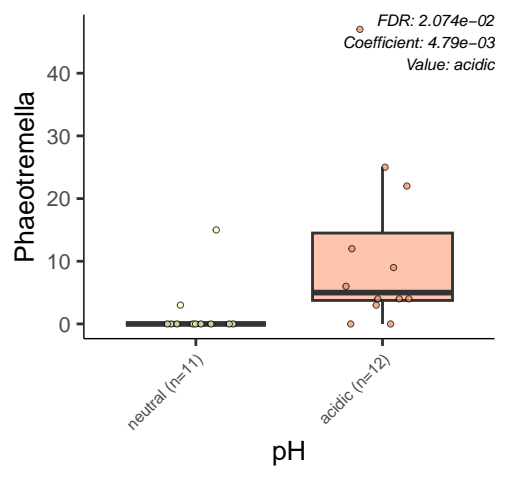
FDR: 2.074e-02
Coefficient: 4.79e-03
Value: acidic

neutral (n=11)

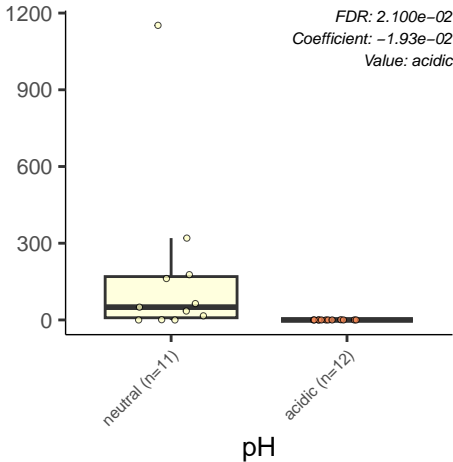
acidic (n=12)

pH

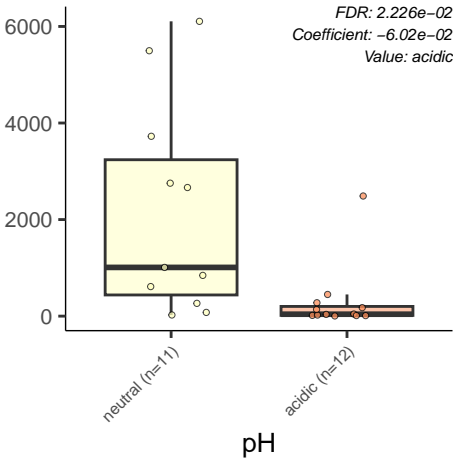
40
30
20
10
0

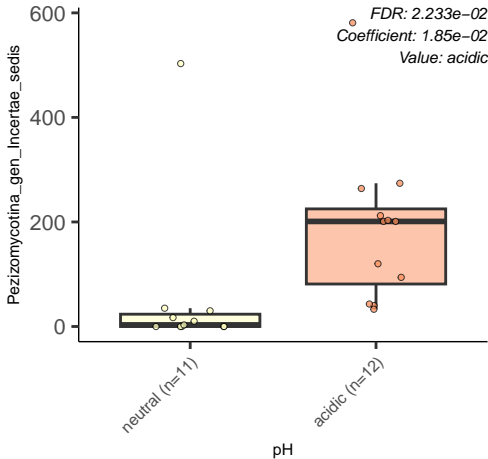


Phomatospora



Rhizopogon





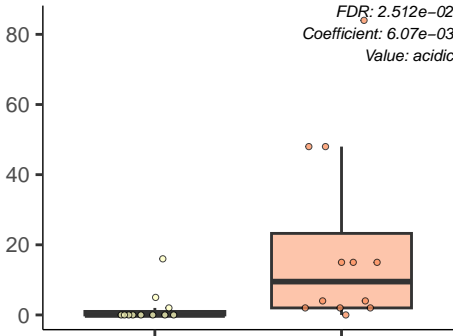
Dothiorella

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

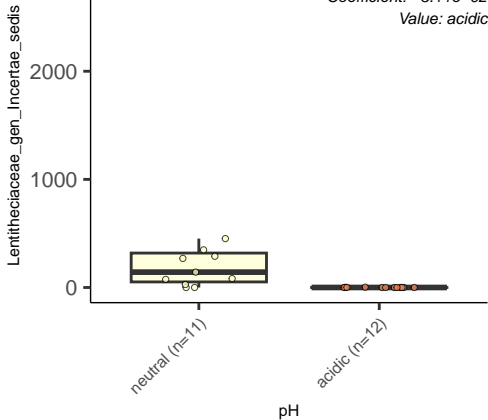
neutral (n=11)

acidic (n=12)

pH



Value: acidic



Tolypocladium

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

2000

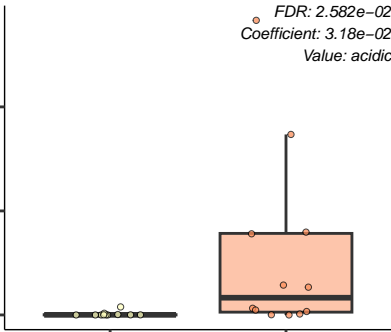
1000

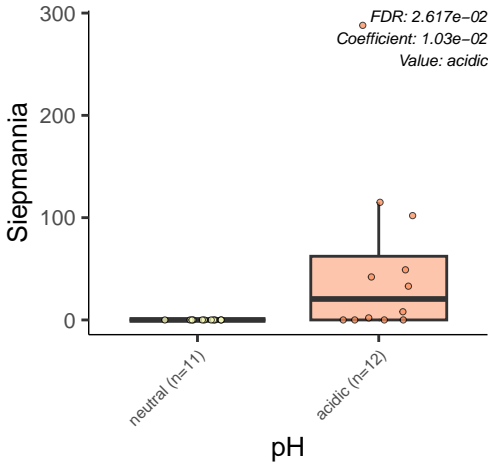
0

neutral (n=11)

acidic (n=12)

pH





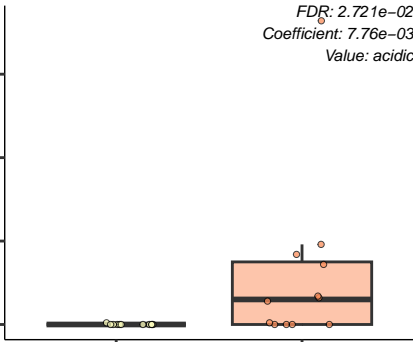
Endogonomycetes_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



Kurtzmaniella

300

200

100

0

neutral (n=11)

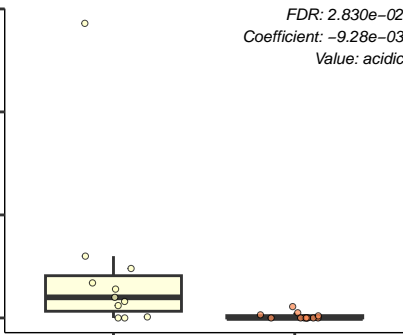
acidic (n=12)

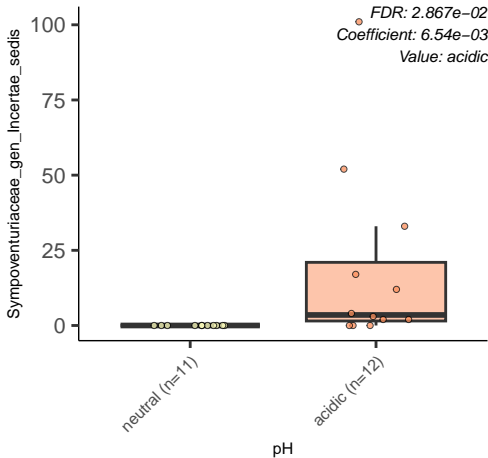
pH

FDR: 2.830e-02

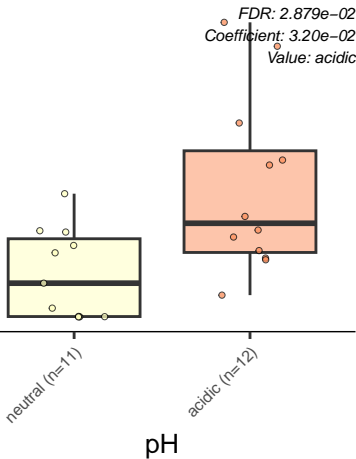
Coefficient: -9.28e-03

Value: acidic





Babjevia



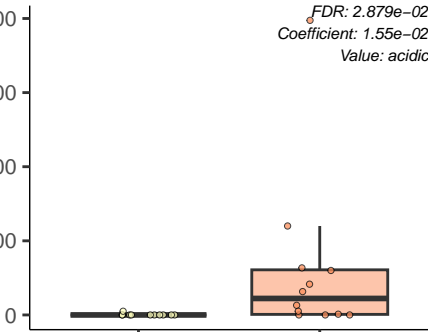
Chaetosphaeria

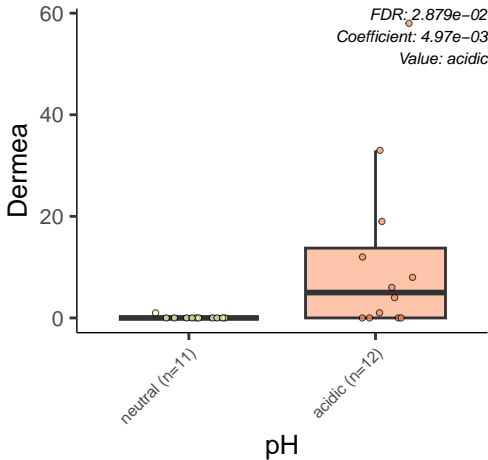
FDR: 2.879e-02
Coefficient: 1.55e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

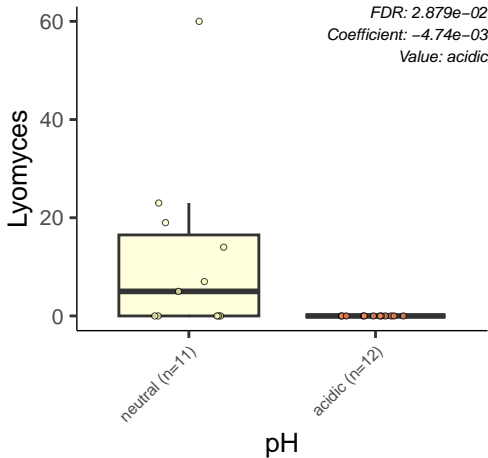




Value: acidic



pH



Oidiodendron

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

neutral (n=11)

acidic (n=12)

pH

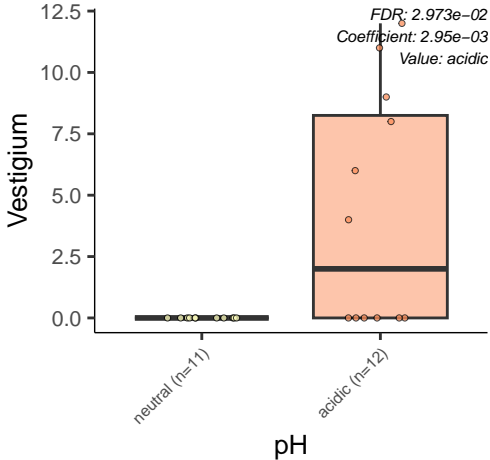
20000

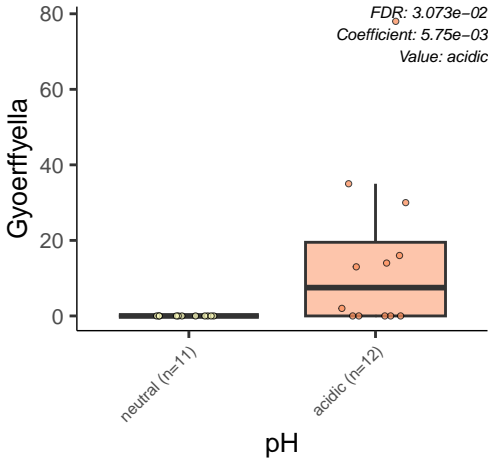
15000

10000

5000

0





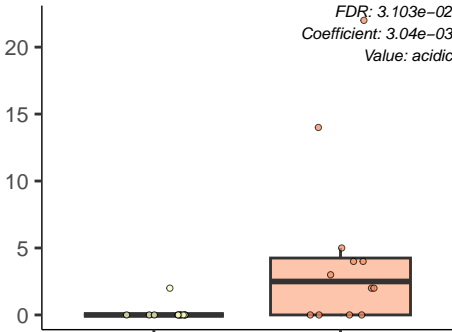
Yamadamyces

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

neutral (n=11)

acidic (n=12)

pH



Lecythophora

FDR: 3.153e-02

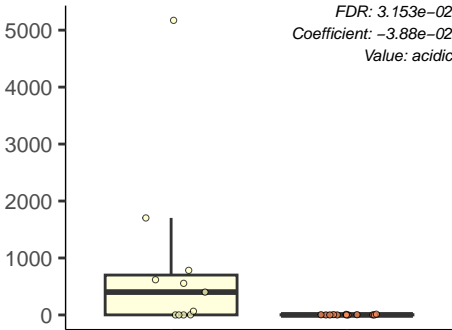
Coefficient: -3.88e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



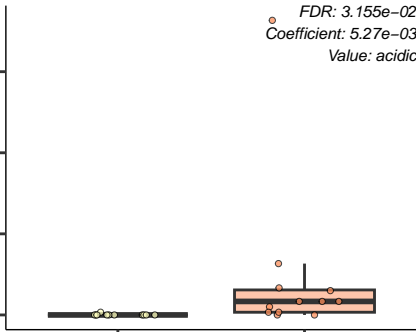
Brahmaculus

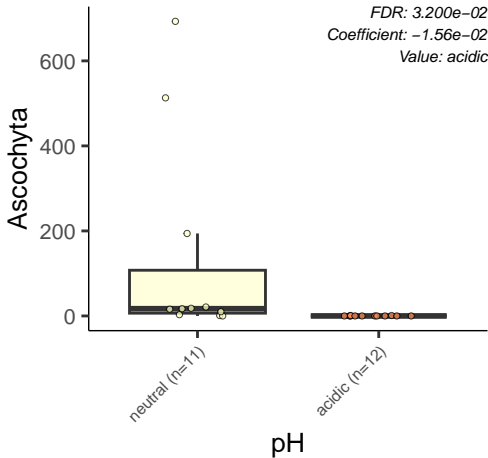
FDR: 3.155e-02
Coefficient: 5.27e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH







FDR: 3.226e-02

Coefficient: $-2.10e-02$

Value: acidic



pH

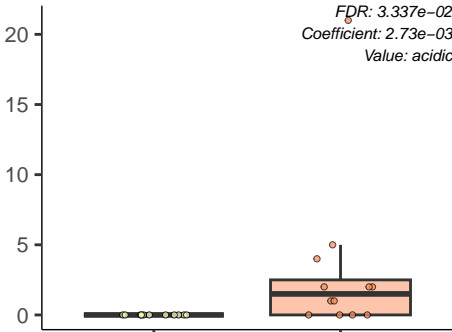
Aphanocladium

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

neutral (n=11)

acidic (n=12)

pH



Ophiocordycipitaceae_gen_Incertae_sedis

40

20

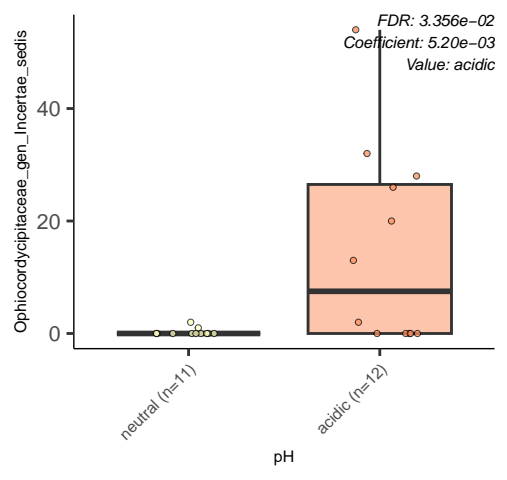
0

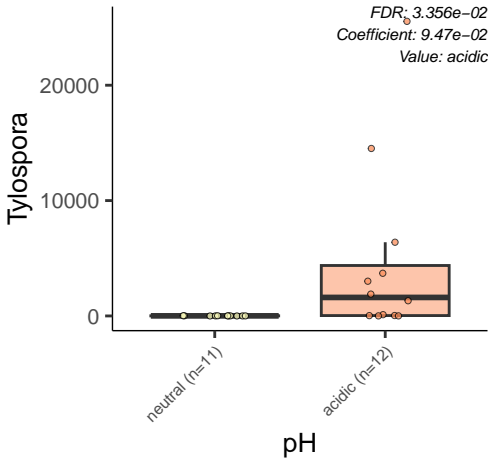
neutral (n=11)

acidic (n=12)

pH

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





Isthmomyces

FDR: 3.381e-02

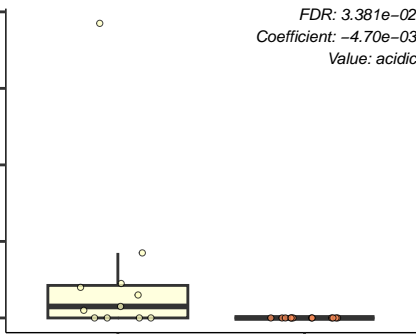
Coefficient: -4.70e-03

Value: acidic

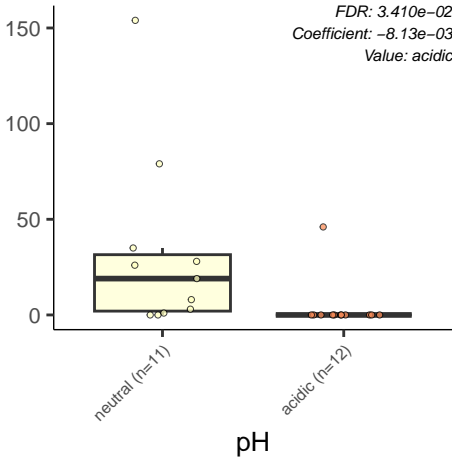
neutral (n=11)

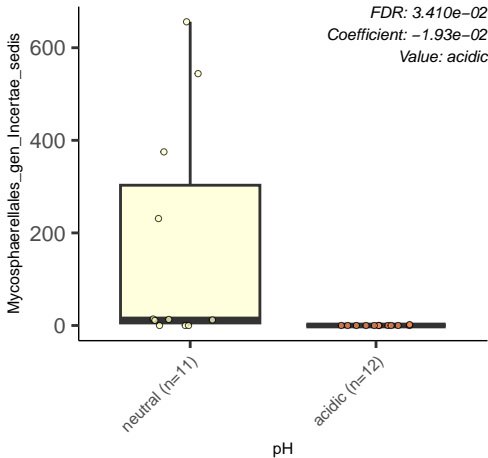
acidic (n=12)

pH



Value: acidic





Value: acidic



Cylindrosympodium

FDR: 3.528e-02
Coefficient: -1.30e-02
Value: acidic

200

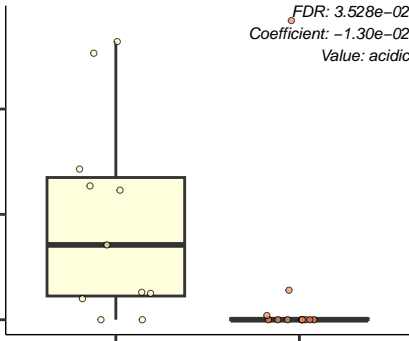
100

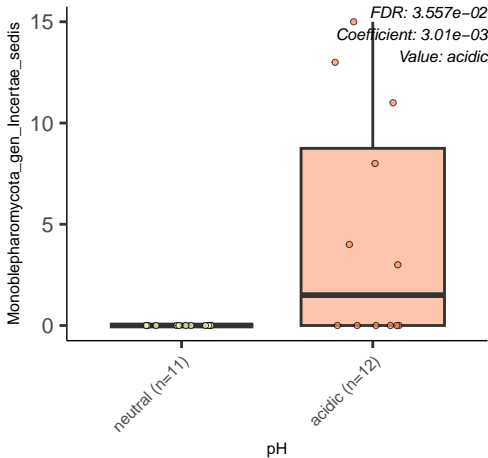
0

neutral (n=11)

acidic (n=12)

pH





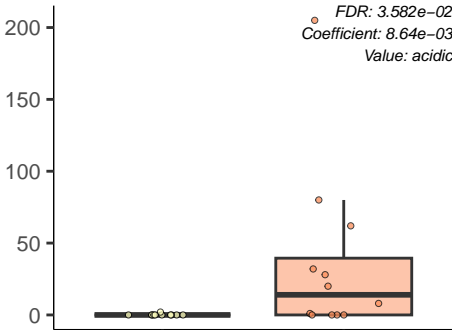
Rhodotorula

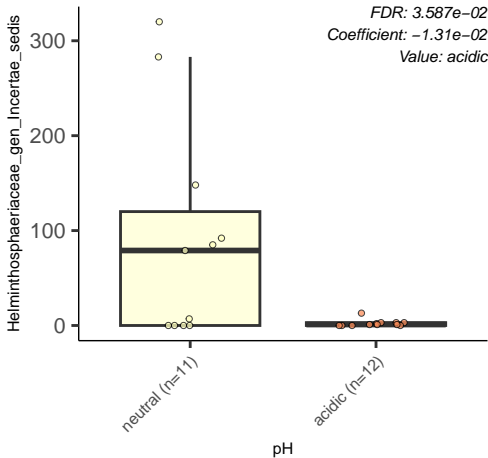
FDR: 3.582e-02
Coefficient: 8.64e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Rhizophagus

FDR: 3.606e-02

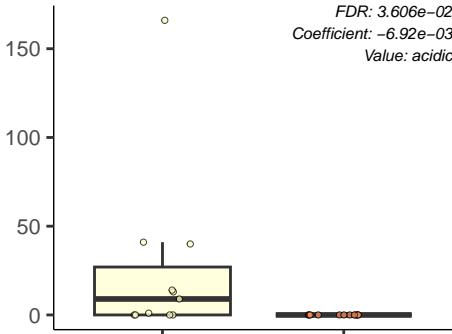
Coefficient: -6.92e-03

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

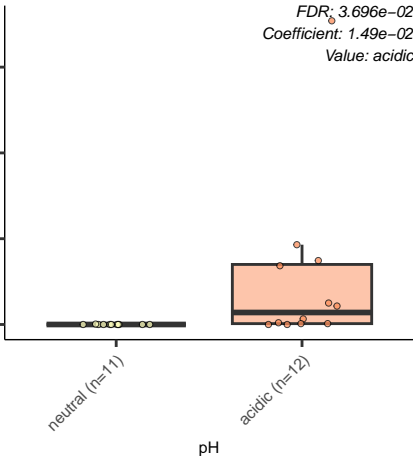
200

0

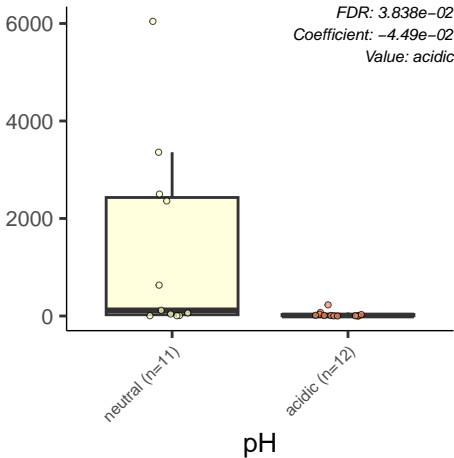
neutral (n=11)

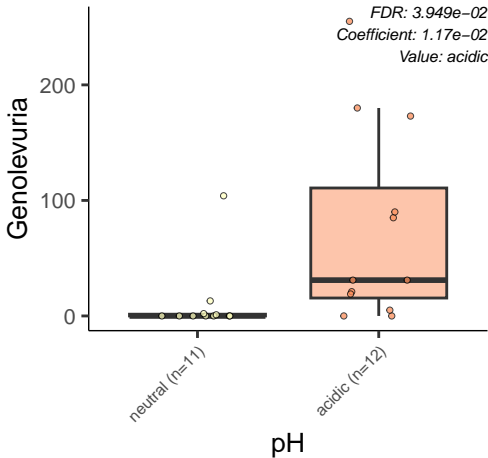
acidic (n=12)

pH



Thelephora





Value: acidic



75

50

25

0

neutral (n=11)

acidic ($n=12$)

pH

Endogonales_gen_Incertae_sedis

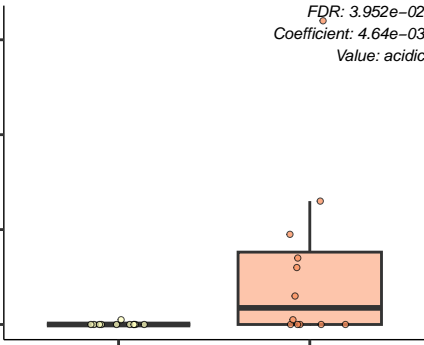
FDR: 3.952e-02
Coefficient: 4.64e-03
Value: acidic

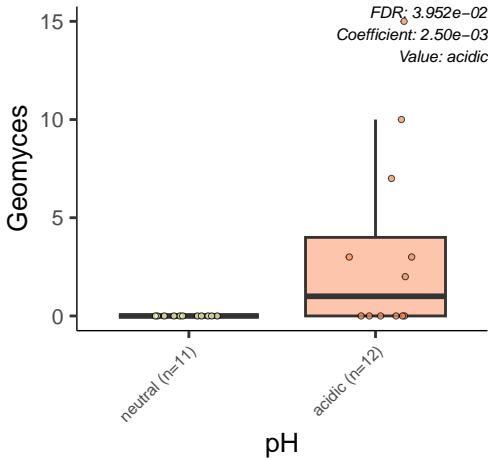
60
40
20
0

neutral (n=11)

acidic (n=12)

pH





Herpotrichiellaceae_gen_Incertae_sedis

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

7500

5000

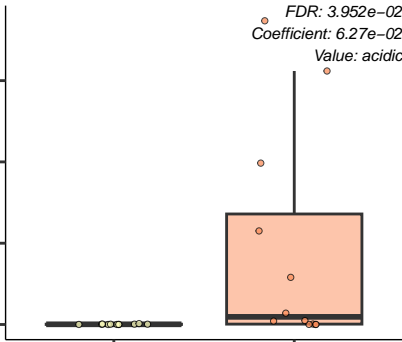
2500

0

neutral (n=11)

acidic (n=12)

pH



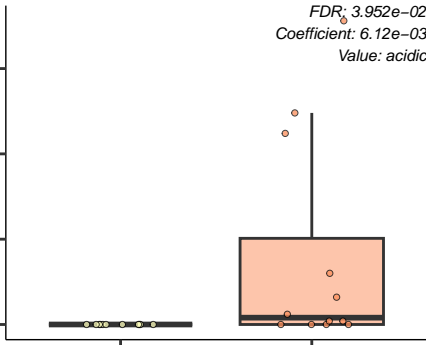
Mortierellomycetes_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



Pseudoplectania

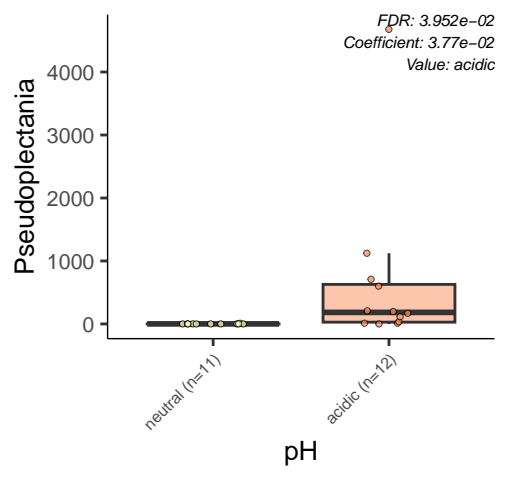
FDR: 3.952e-02
Coefficient: 3.77e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

4000
3000
2000
1000
0



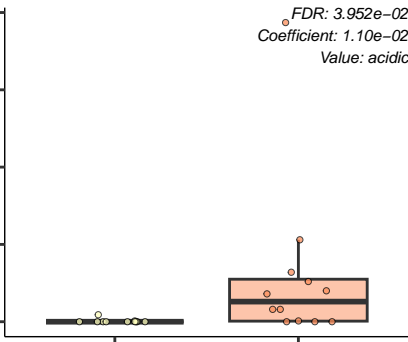
Synnemapestaloides

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

neutral (n=11)

acidic (n=12)

pH



Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Scleroconidioma

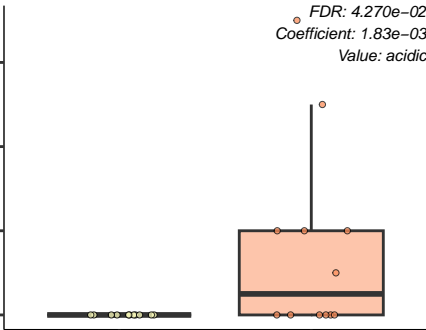
FDR: 4.270e-02
Coefficient: 1.83e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

6
4
2
0



GS12_gen_Incertae_sedis

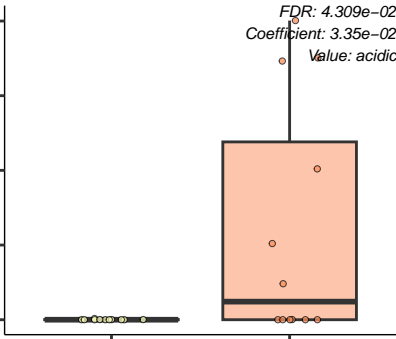
2000
1500
1000
500
0

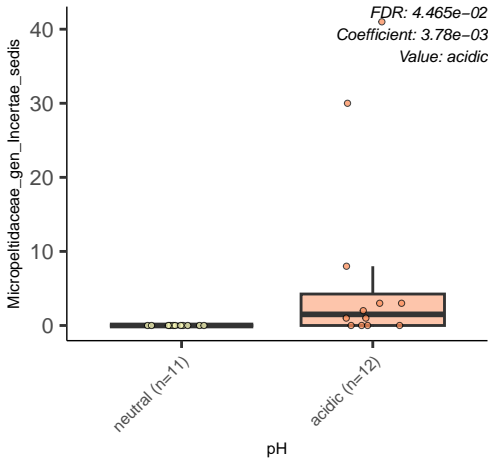
neutral (n=11)

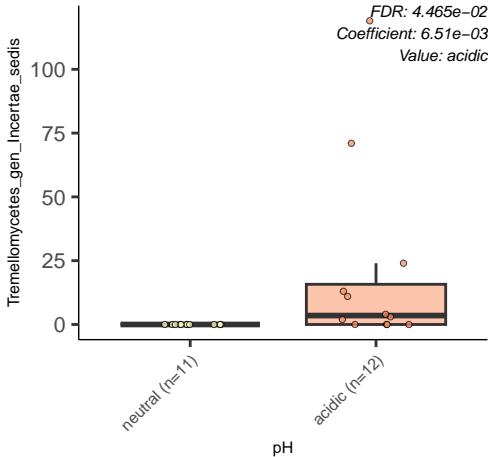
acidic (n=12)

pH

FDR: 4.309e-02
Coefficient: 3.35e-02
Value: acidic







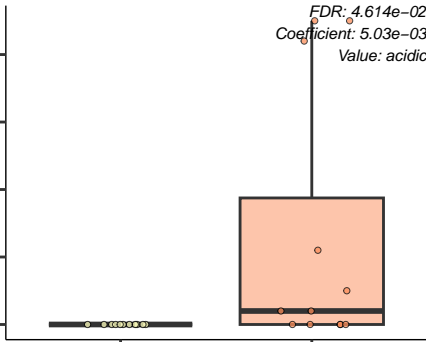
Sanchytriaceae_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



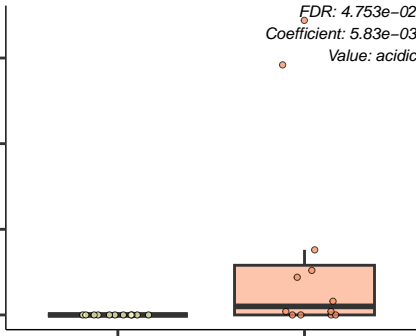
Haplographium

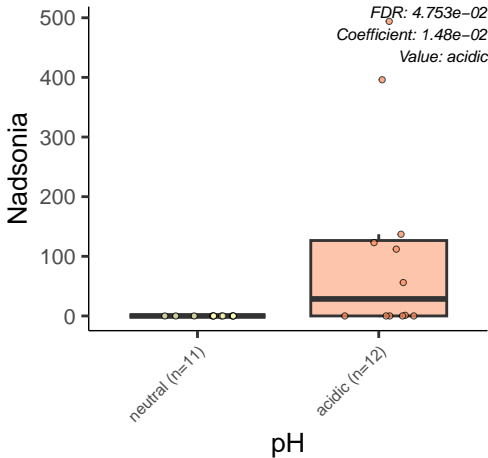
FDR: 4.753e-02
Coefficient: 5.83e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Cladosporium

20000

15000

10000

5000

0

neutral (n=11)

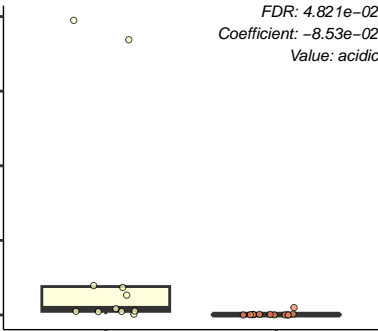
acidic (n=12)

pH

FDR: 4.821e-02

Coefficient: -8.53e-02

Value: acidic



Cryptococcus

FDR: 4.866e-02

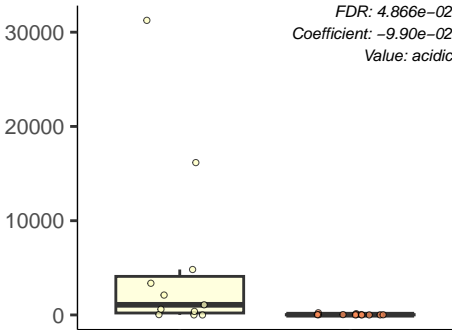
Coefficient: -9.90e-02

Value: acidic

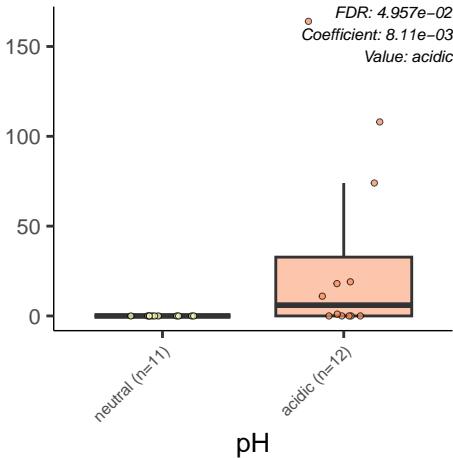
neutral (n=11)

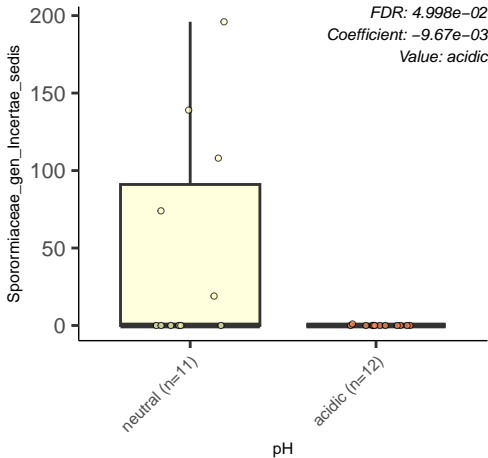
acidic (n=12)

pH

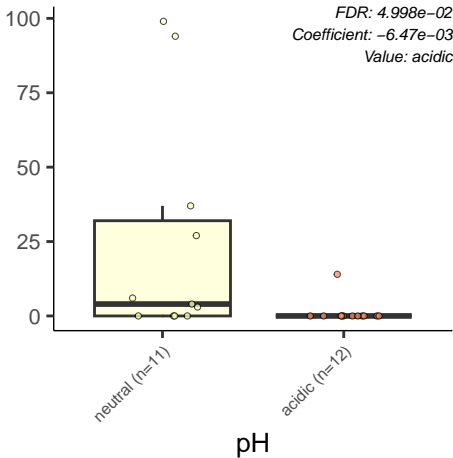


Coccomyces





Trichosporiella



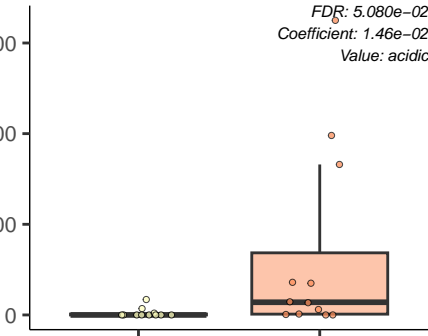
Endophragmiella

FDR: 5.080e-02
Coefficient: 1.46e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sakaguchia

100

50

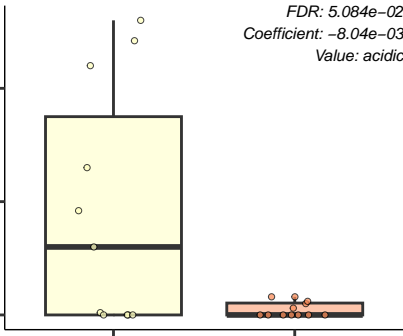
0

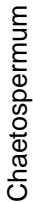
neutral (n=11)

acidic (n=12)

pH

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





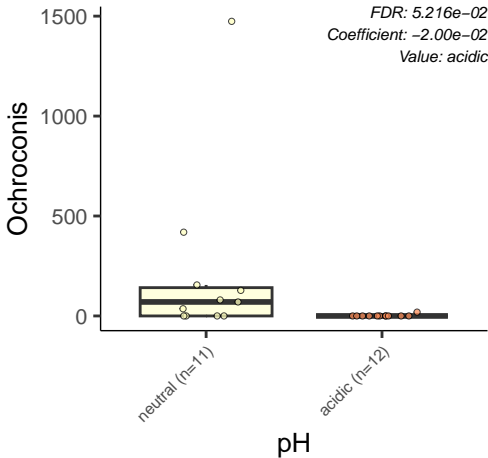
FDR: 5.103e-02

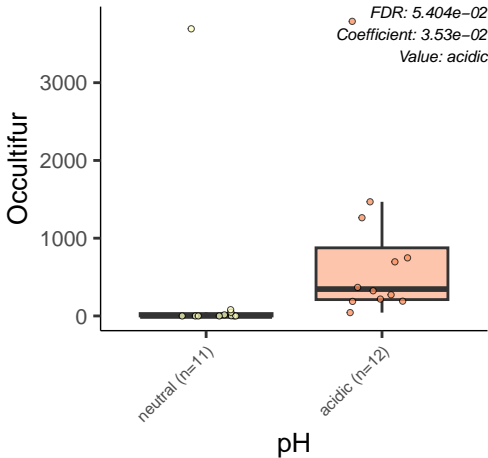
Coefficient: $-1.08e-02$

Value: acidic

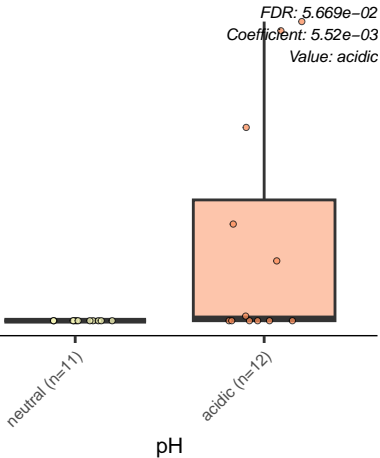


pH





Ballistosporomyces



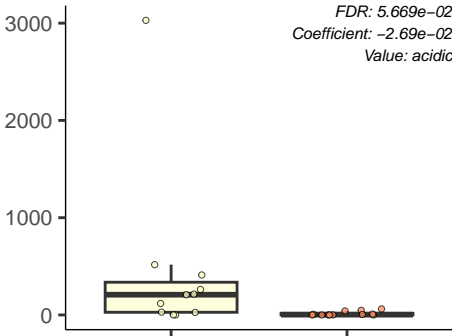
Ceratobasidium

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

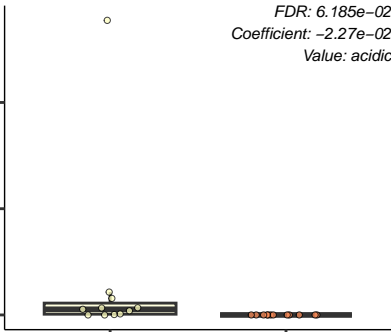
1000

0

neutral (n=11)

acidic (n=12)

pH



Calycellina

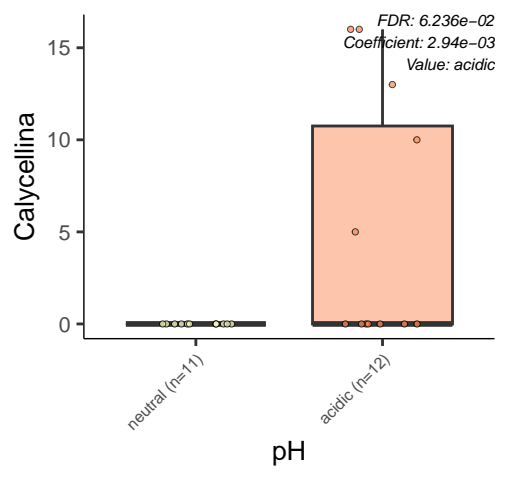
15
10
5
0

neutral (n=11)

acidic (n=12)

pH

FDR: $6.236e-02$
Coefficient: $2.94e-03$
Value: acidic



Drechmeria

FDR: 6.236e-02

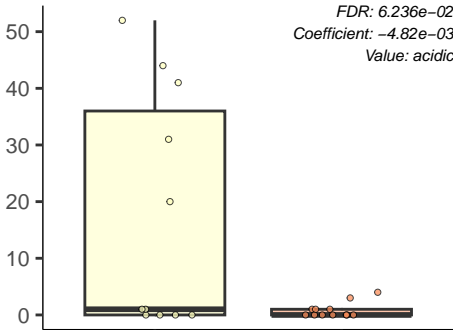
Coefficient: -4.82e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



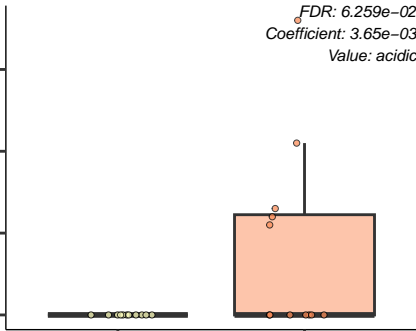
Meniscomyces

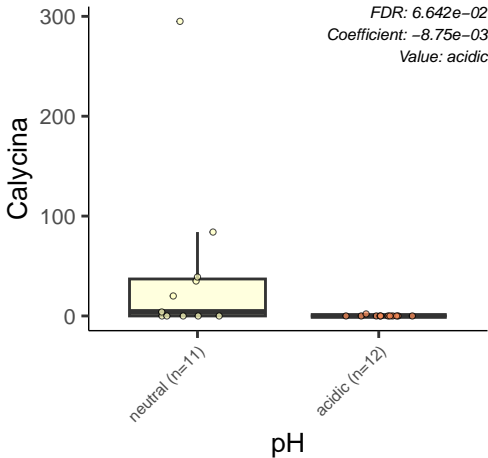
FDR: $6.259e-02$
Coefficient: $3.65e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH





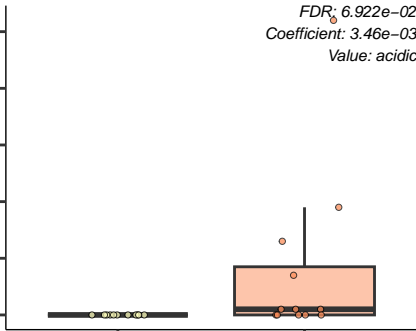
Gleopypcnis

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

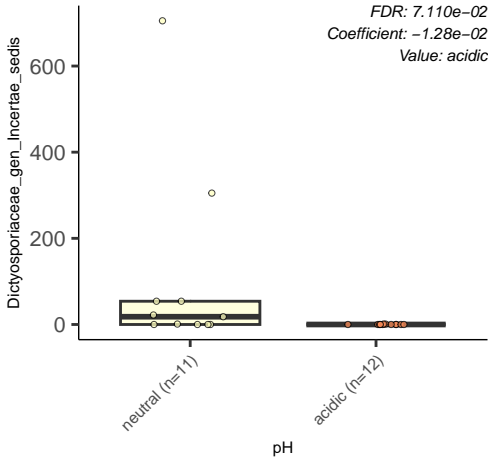
neutral (n=11)

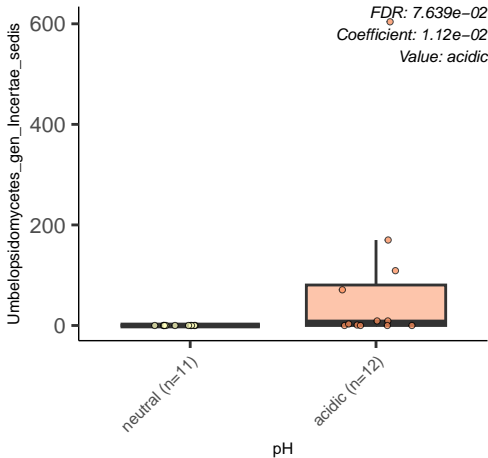
acidic (n=12)

pH



Value: acidic





Chionosphaeraceae_gen_Incertae_sedis

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

100

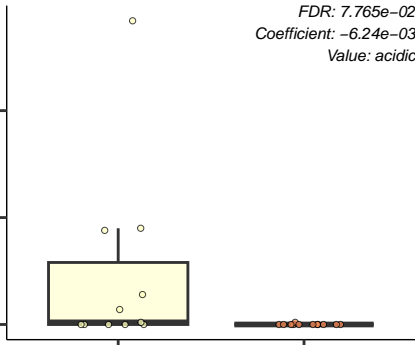
50

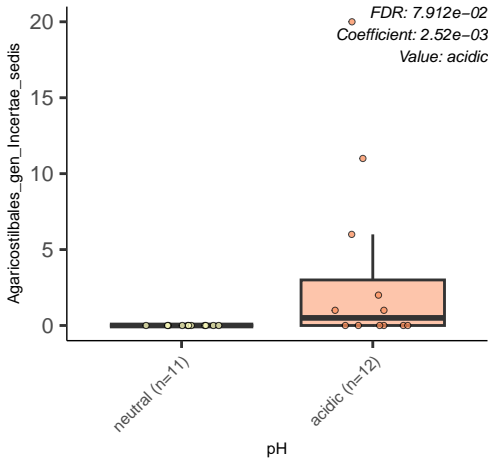
0

neutral (n=11)

acidic (n=12)

pH





Basidiobolus

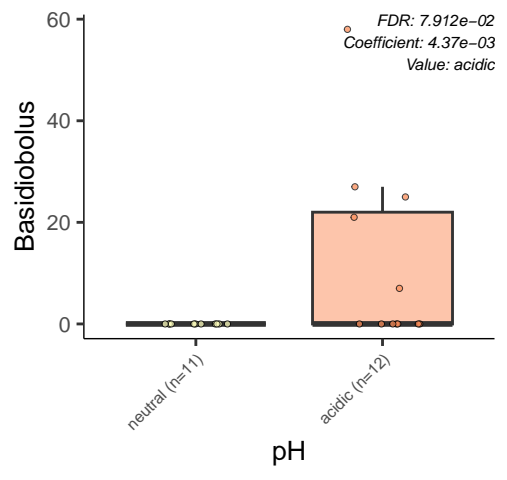
60
40
20
0

neutral (n=11)

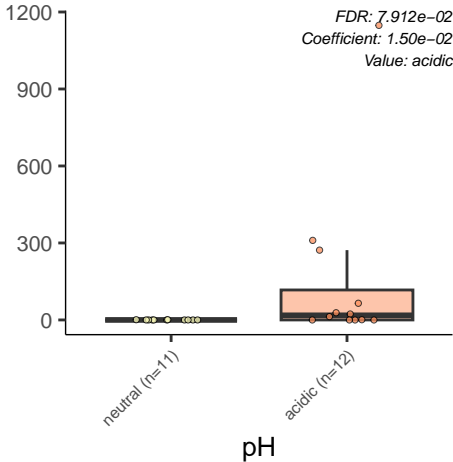
acidic (n=12)

pH

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



Ceraceomyces



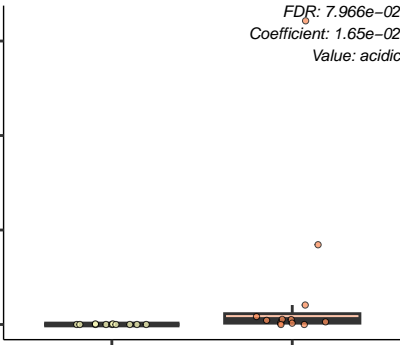
Filobasidiales_gen_Incertae_sedis

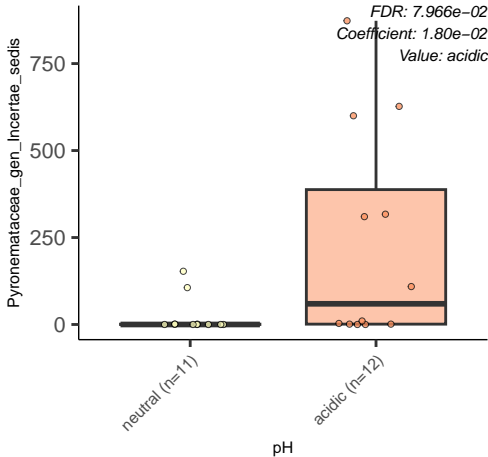
FDR: 7.966e-02
Coefficient: 1.65e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





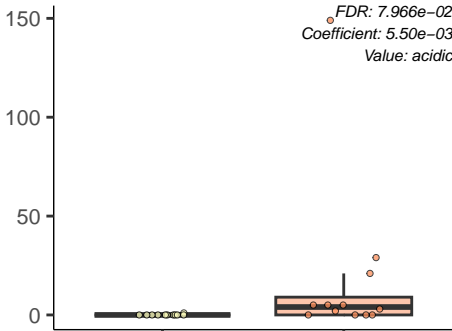
Renatobasidium

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

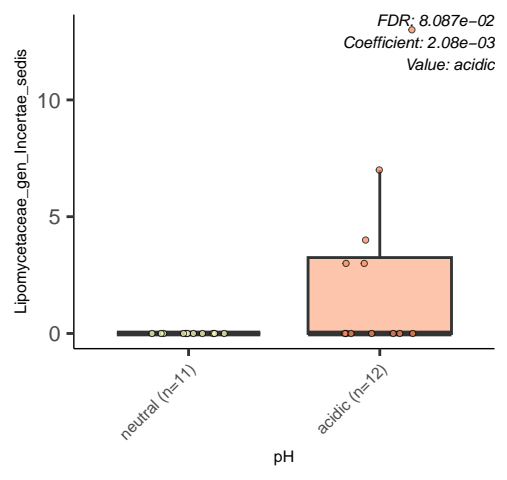
5

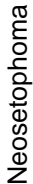
0

neutral (n=11)

acidic (n=12)

pH





FDR: 8.087e-02

Coefficient: $-1.29e-02$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Taenioclella

FDR: 8.214e-02

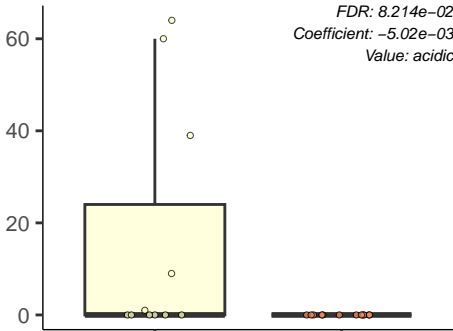
Coefficient: -5.02e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Perennicordyceps

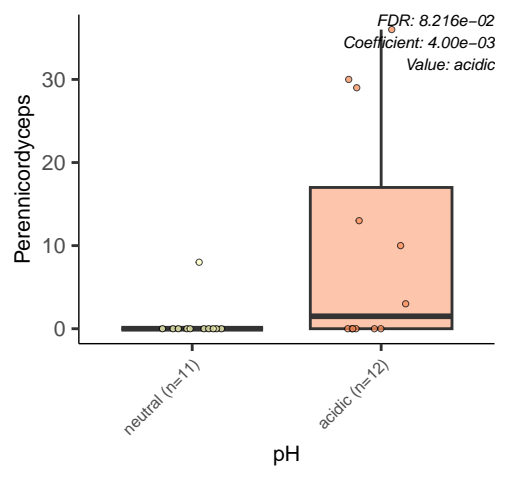
neutral (n=11)

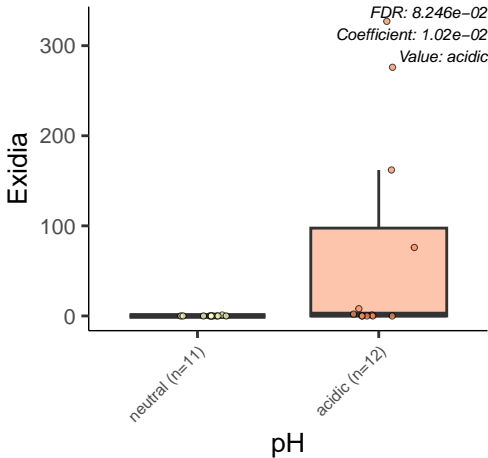
acidic (n=12)

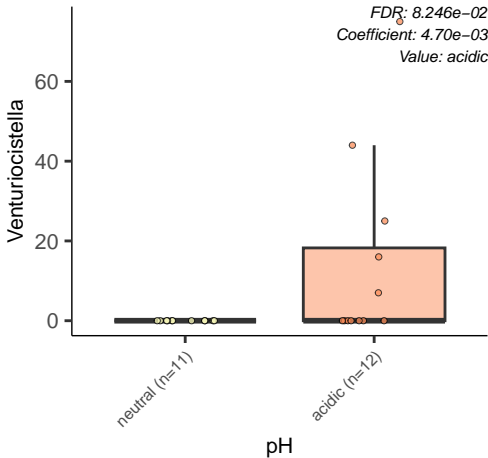
pH

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

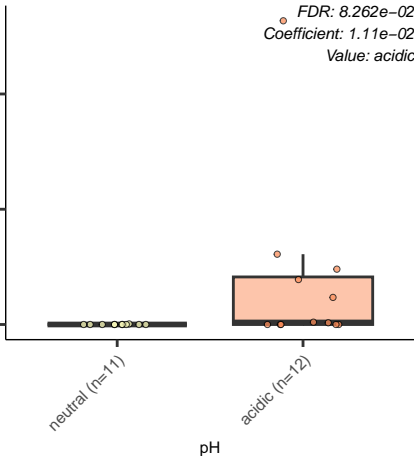
200

0

neutral (n=11)

acidic (n=12)

pH



Myxozyma

10000

5000

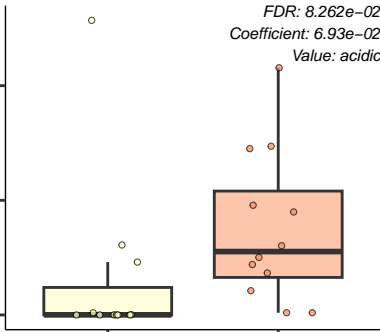
0

neutral (n=11)

acidic (n=12)

pH

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



Nectriella

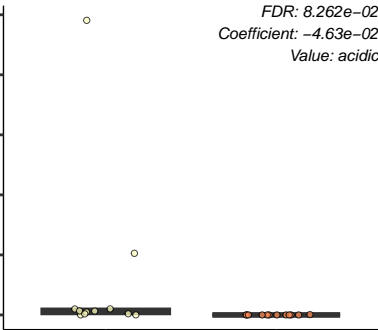
12500
10000
7500
5000
2500
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.262e-02
Coefficient: -4.63e-02
Value: acidic



Roesleria

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

neutral (n=11)

acidic (n=12)

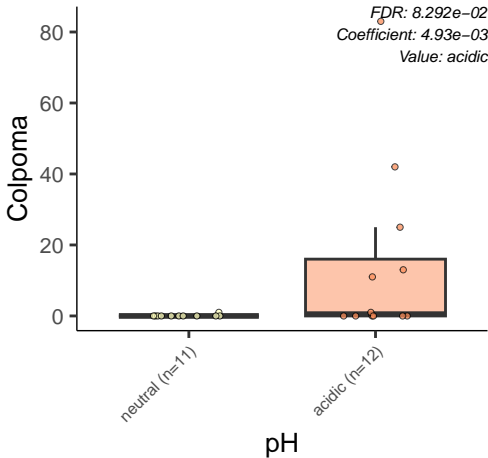
pH

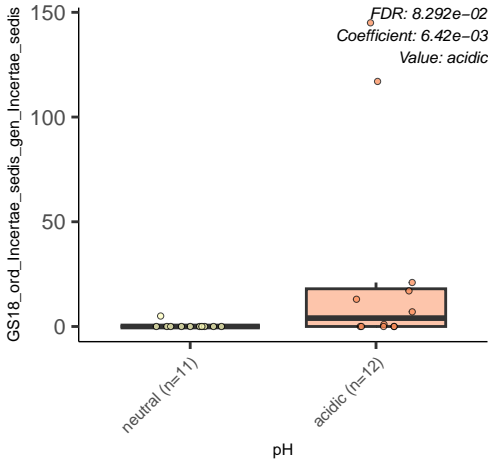
15

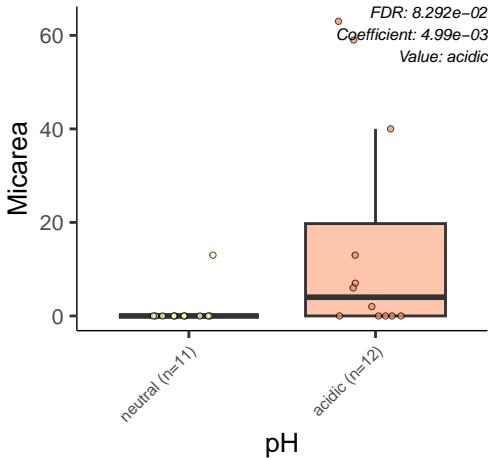
10

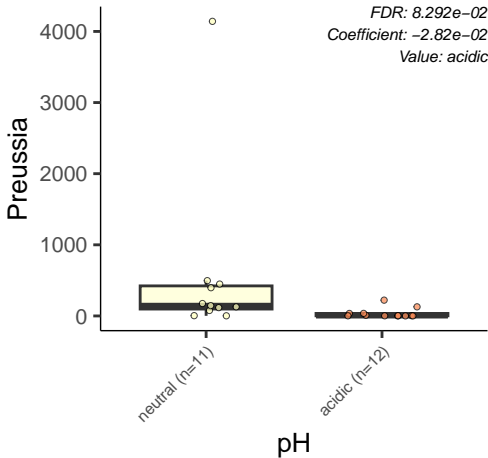
5

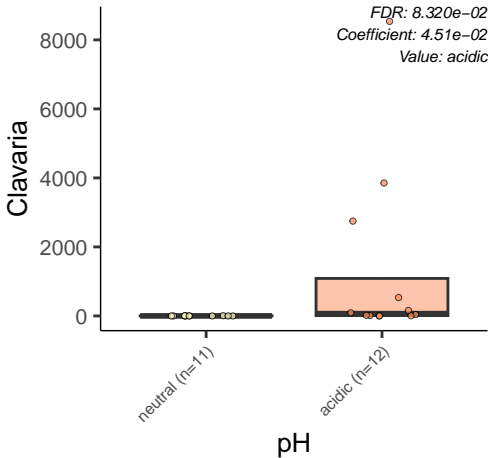
0

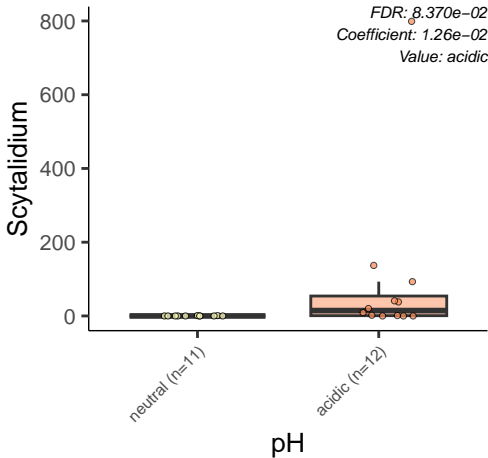


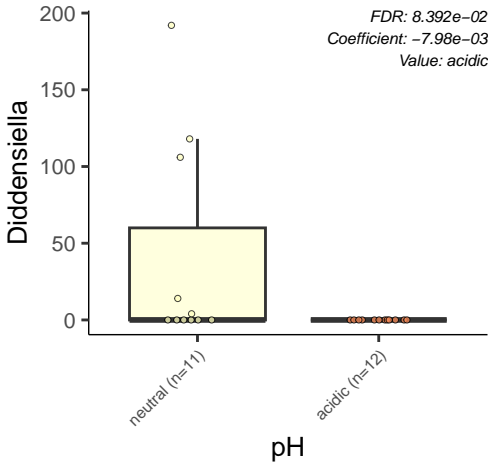












Value: acidic



Zygorhynchus

FDR: 8.421e-02

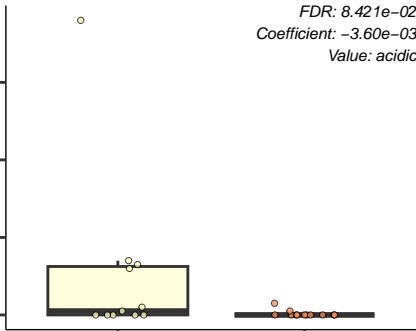
Coefficient: -3.60e-03

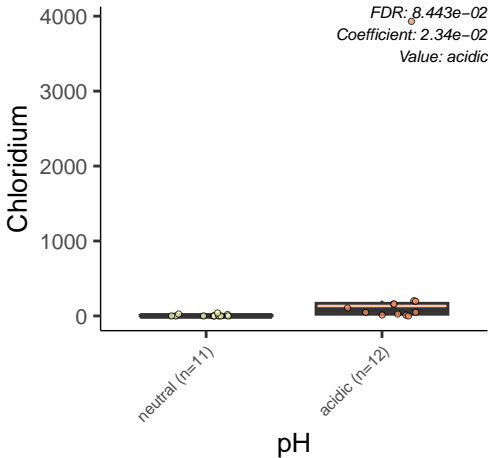
Value: acidic

neutral (n=11)

acidic (n=12)

pH







FDR: 8.443e-02

Coefficient: $-3.26e-02$

Value: acidic



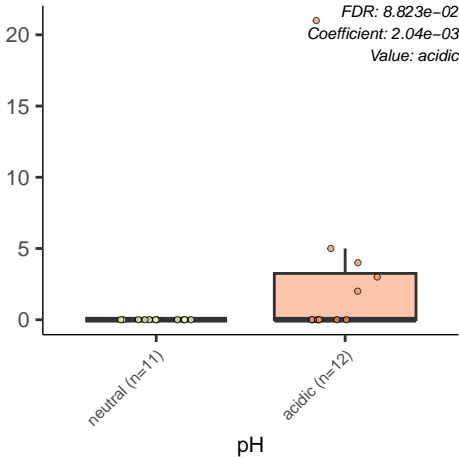
pH

Value: acidic

acidic ($n=12$)

pH

Davidhawksworthia



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)

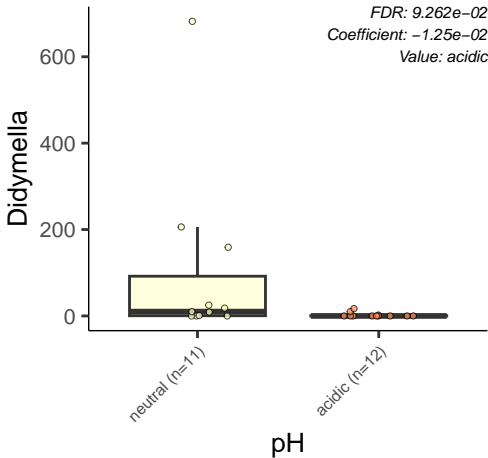
pH

15

10

5

0



Colletotrichum

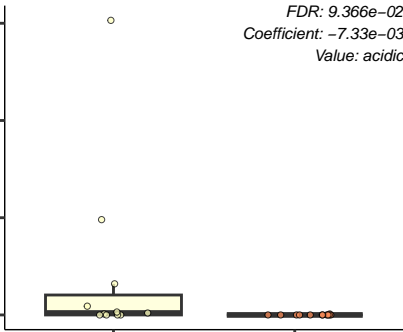
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

FDR: 9.366e-02
Coefficient: -7.33e-03
Value: acidic



Peniophorella

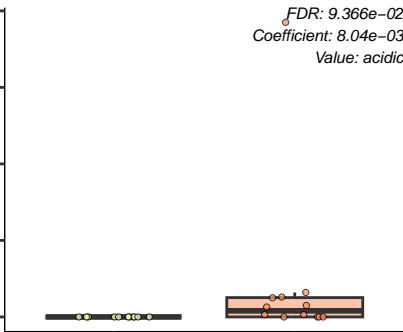
400
300
200
100
0

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

neutral (n=11)

acidic (n=12)

pH



Neurospora

neutral (n=11)

acidic (n=12)

pH

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

15

10

5

0

Lobulomyces

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

neutral (n=11)

acidic (n=12)

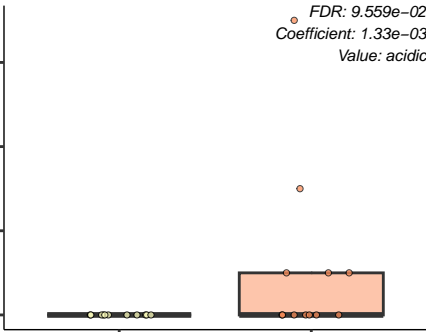
pH

6

4

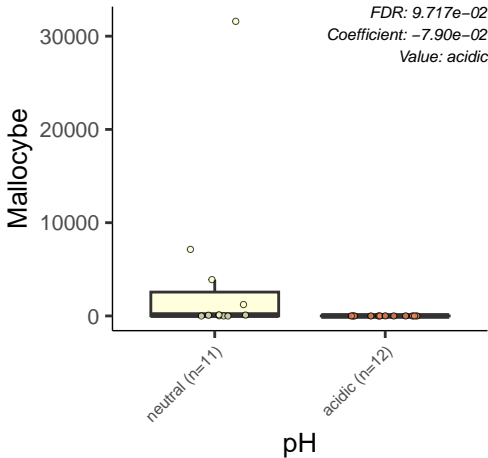
2

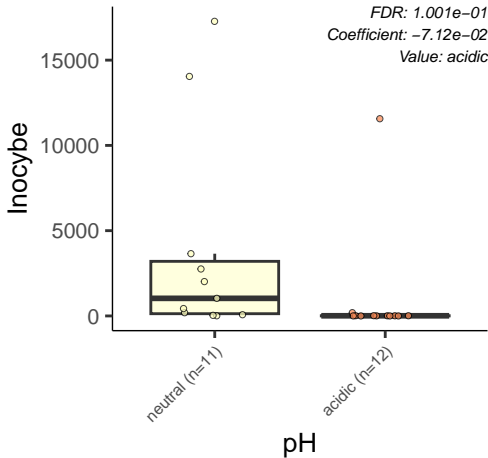
0

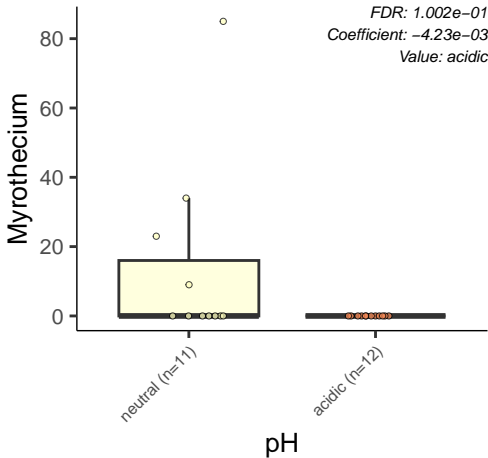


Value: acidic









Mollisia

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

neutral (n=11)

acidic (n=12)

pH

150

100

50

0

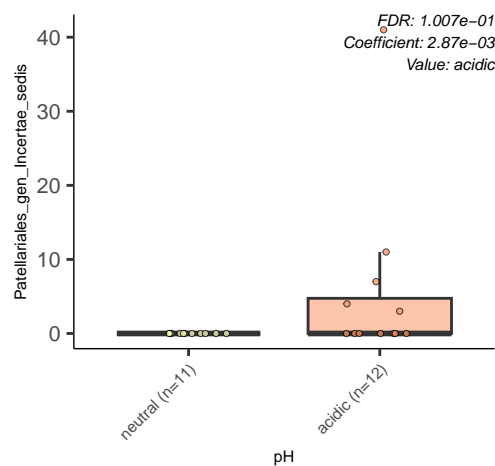
Patellariales_gen_Incertae_sedis

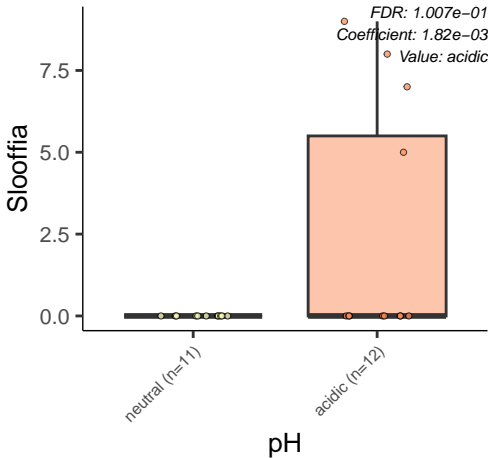
FDR: 1.007e-01
Coefficient: 2.87e-03
Value: acidic

neutral (n=11)

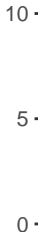
acidic (n=12)

pH





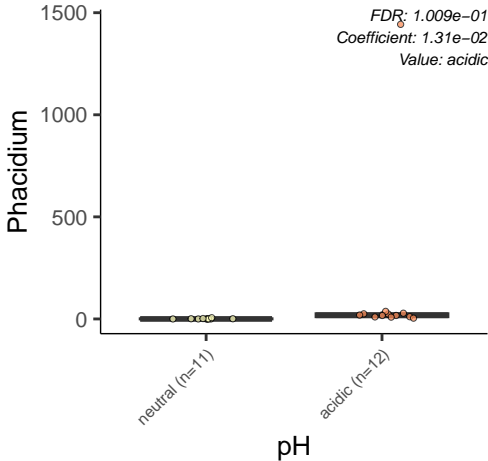
Value: acidic



neutral (n=11)

acidic ($n=12$)

pH



Hypocreales_gen_Incertae_sedis

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

200

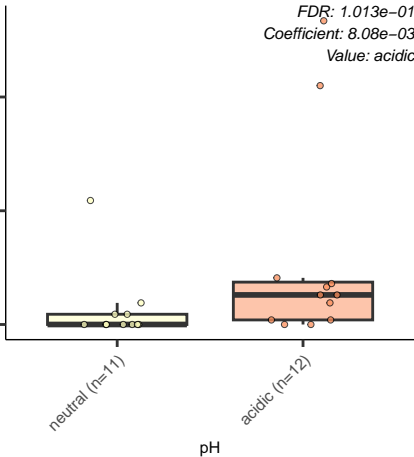
100

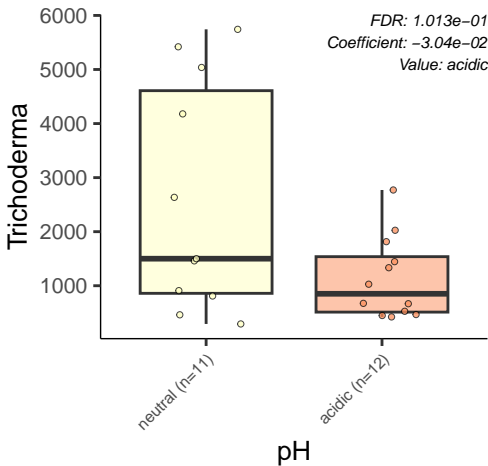
0

neutral (n=11)

acidic (n=12)

pH





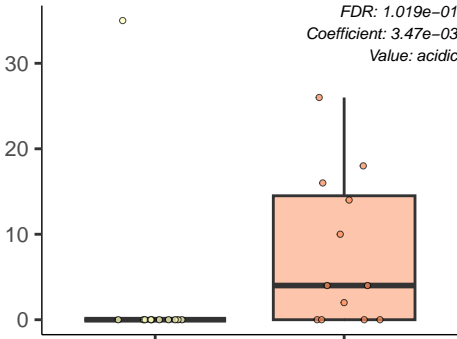
GS08_gen_Incertae_sedis

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

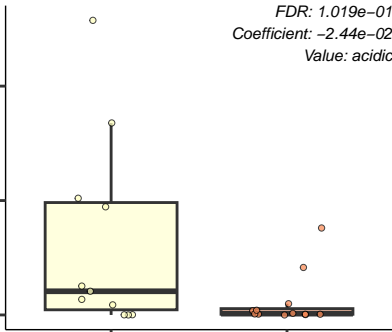
1000

0

neutral (n=11)

acidic (n=12)

pH





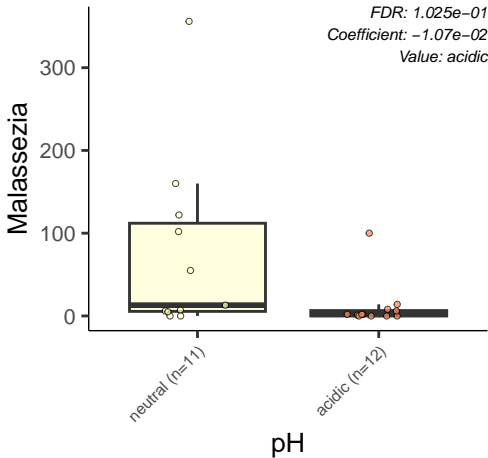
FDR: 1.025e-01

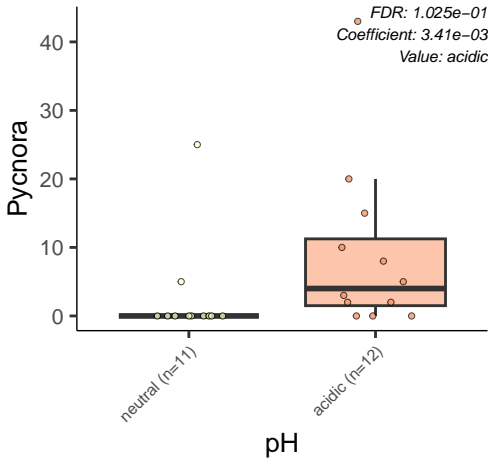
Coefficient: $-1.48e-02$

Value: acidic



pH





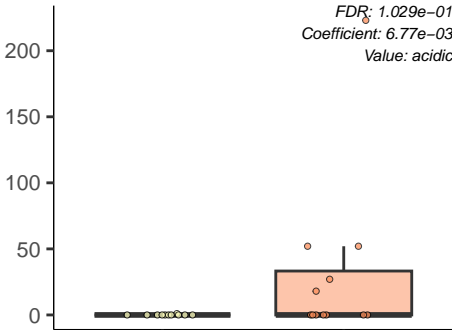
Dissoderma

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

neutral (n=11)

acidic (n=12)

pH





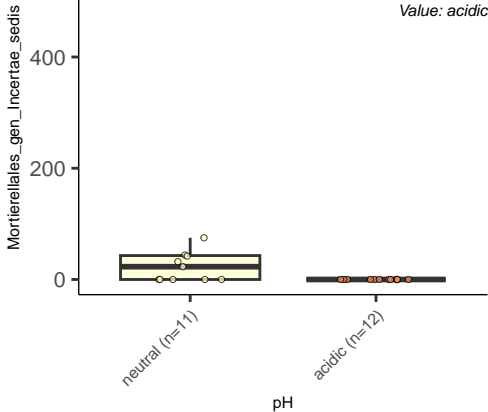
neutral (n=11)

acidic ($n=12$)

pH

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

Value: acidic





FDR: 1.029e-01

Coefficient: $-5.52e-03$

Value: acidic



pH

Pucciniales_gen_Incertae_sedis

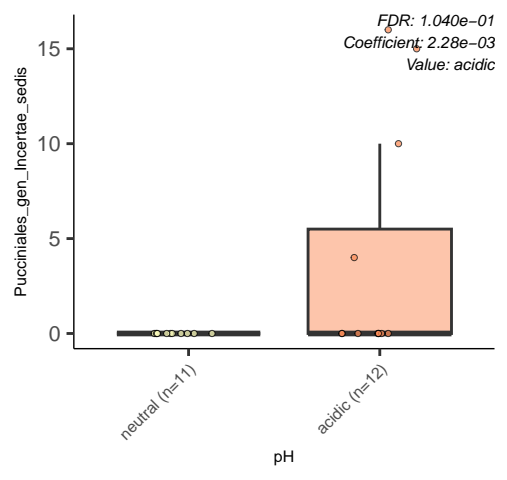
FDR: 1.040e-01
Coefficient: 2.28e-03
Value: acidic

15
10
5
0

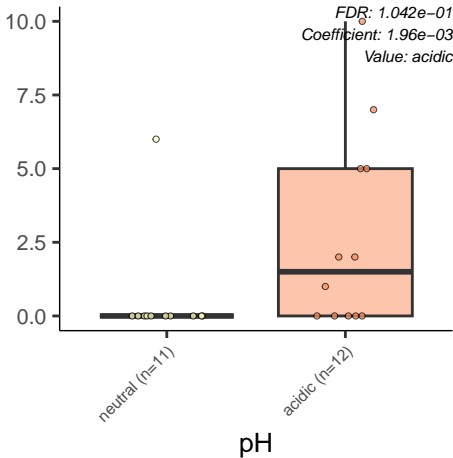
neutral (n=11)

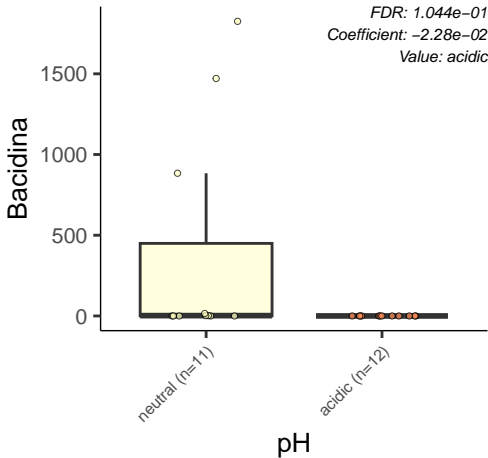
acidic (n=12)

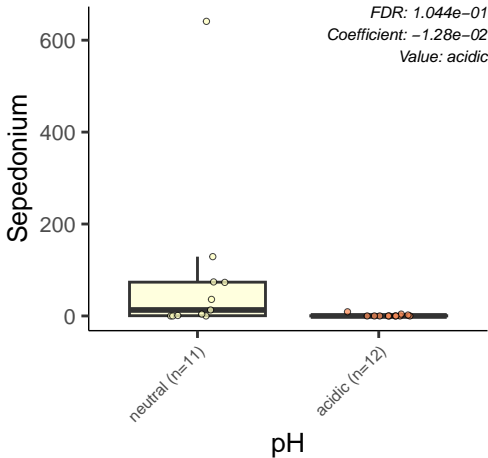
pH

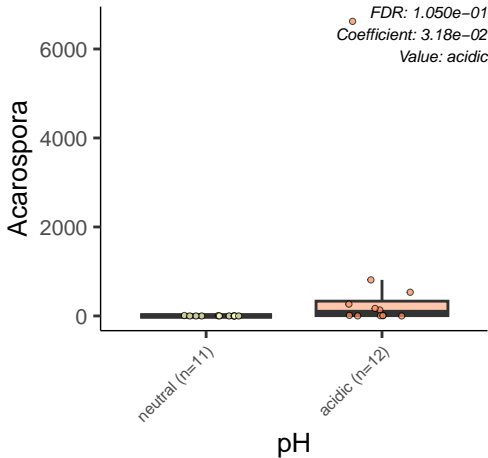


Pseudovalsaria









Gryganskiella

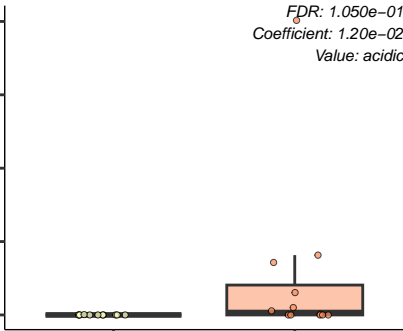
800
600
400
200
0

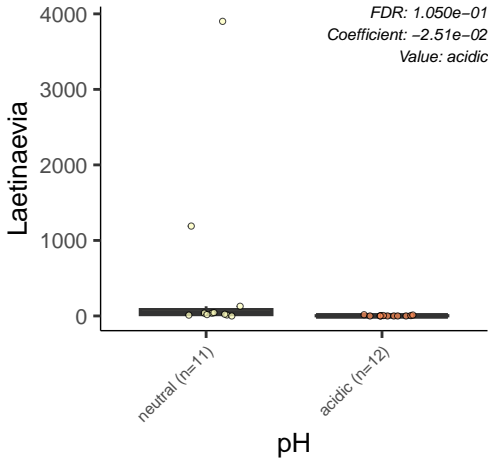
FDR: 1.050e-01
Coefficient: 1.20e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Basidiobondron

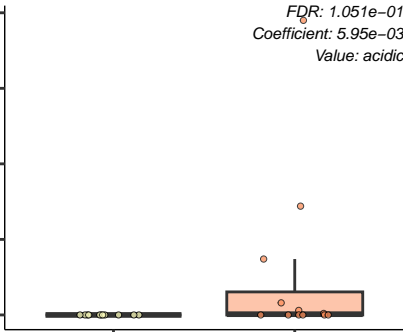
200
150
100
50
0

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

neutral (n=11)

acidic (n=12)

pH



Byssoporia

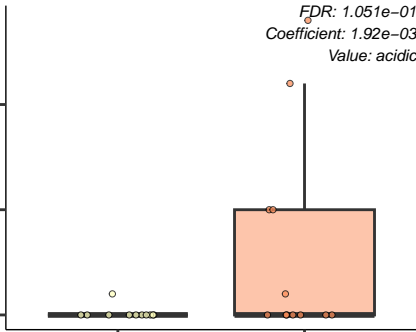
FDR: 1.051e-01
Coefficient: 1.92e-03
Value: acidic

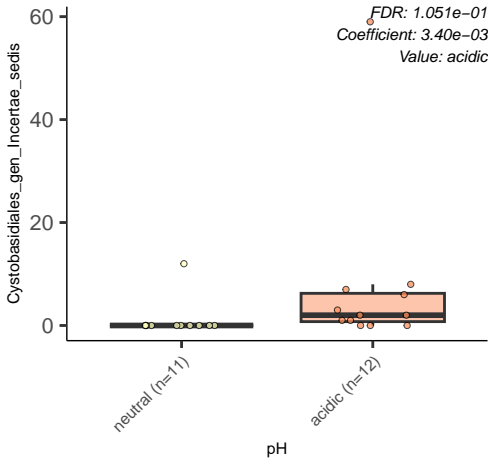
10
5
0

neutral (n=11)

acidic (n=12)

pH





Mrakiaceae_gen_Incertae_sedis

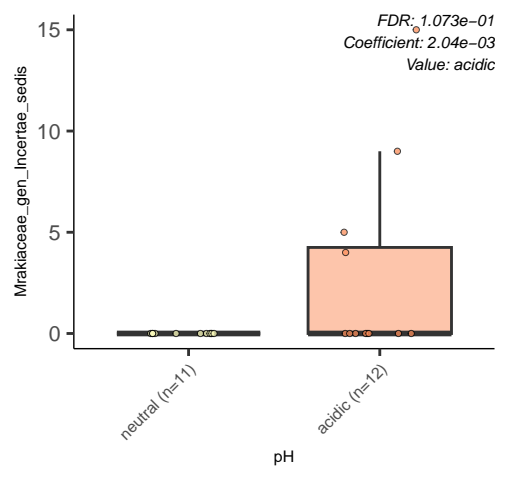
FDR: 1.073e-01
Coefficient: 2.04e-03
Value: acidic

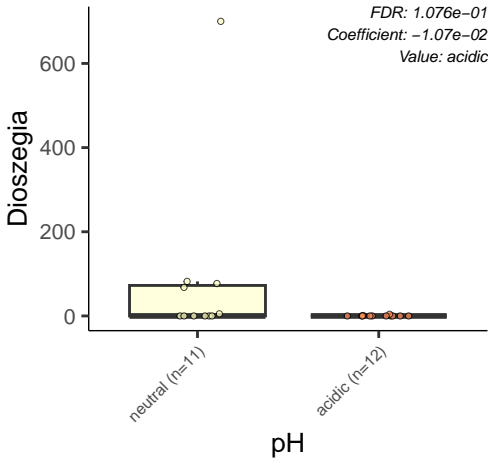
15
10
5
0

neutral (n=11)

acidic (n=12)

pH





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



40 .

20 .

0.

neutral (n=11)

acidic ($n=12$)

pH

Hebeloma

FDR: 1.093e-01

Coefficient: -6.14e-02

Value: acidic

15000

10000

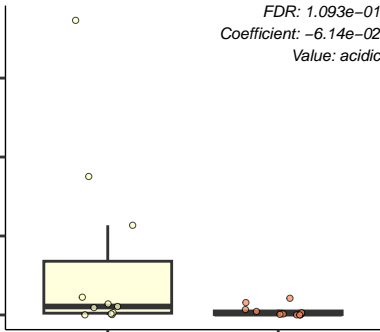
5000

0

neutral (n=11)

acidic (n=12)

pH



Scolecolum

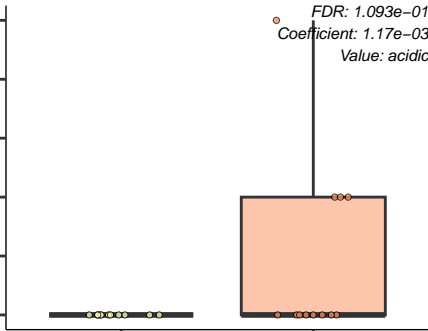
5
4
3
2
1
0

neutral (n=11)

acidic (n=12)

pH

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



Phaeotrichum

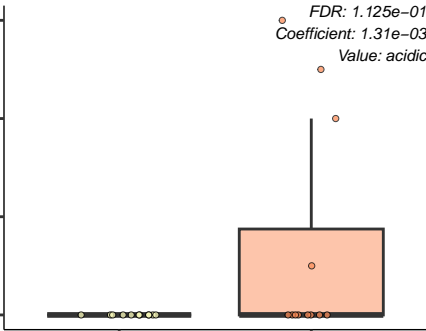
6
4
2
0

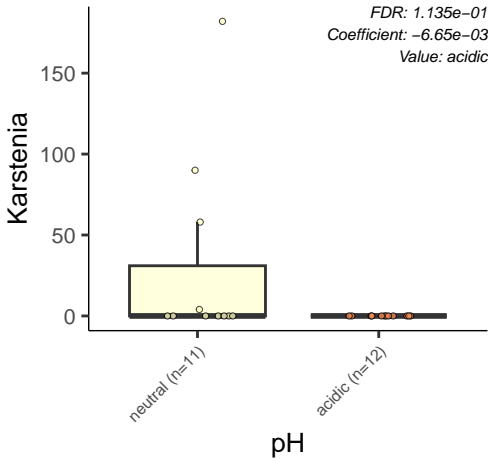
neutral (n=11)

acidic (n=12)

pH

FDR: 1.125e-01
Coefficient: 1.31e-03
Value: acidic





Pseudeurotium

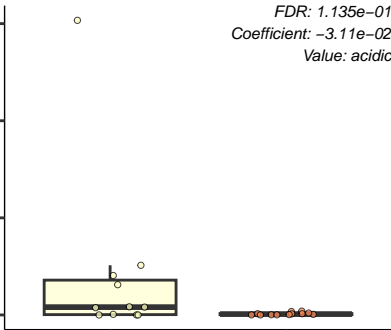
6000
4000
2000
0

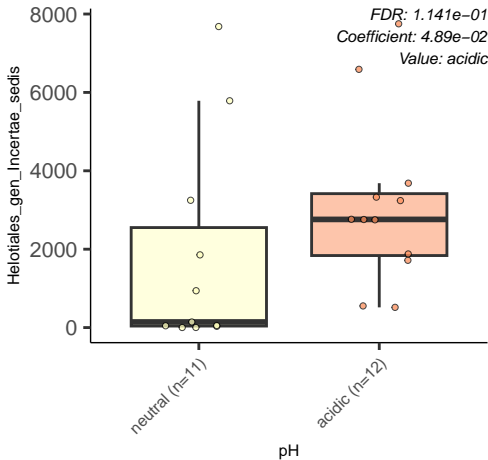
neutral (n=11)

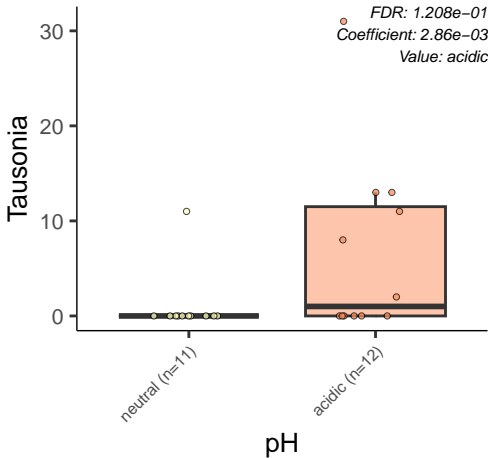
acidic (n=12)

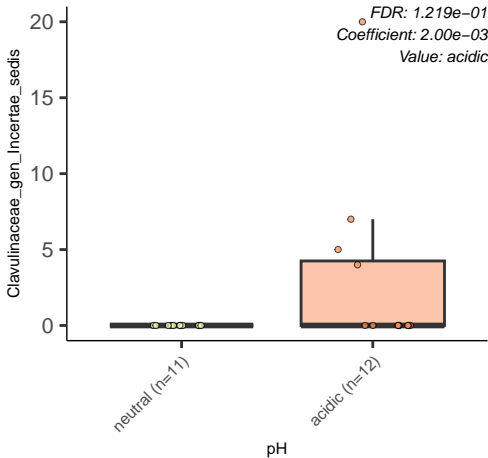
pH

FDR: 1.135e-01
Coefficient: -3.11e-02
Value: acidic









Comoclatris

FDR: 1.219e-01

Coefficient: -9.10e-03

Value: acidic

200

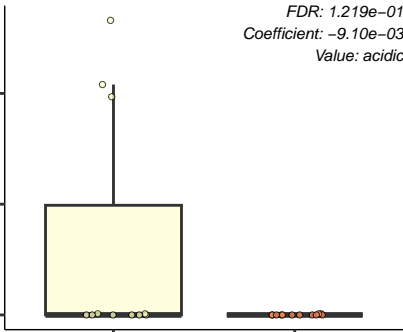
100

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

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

15

10

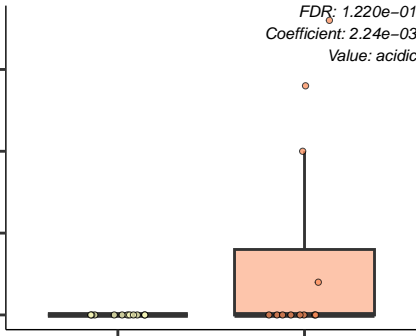
5

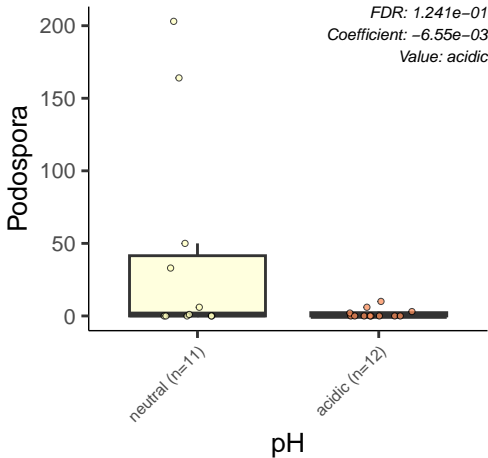
0

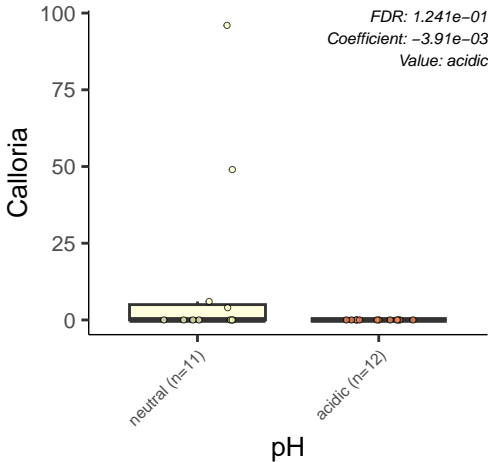
neutral (n=11)

acidic (n=12)

pH







Buckleyzyma

FDR: 1.241e-01

Coefficient: -3.42e-03

Value: acidic

60

40

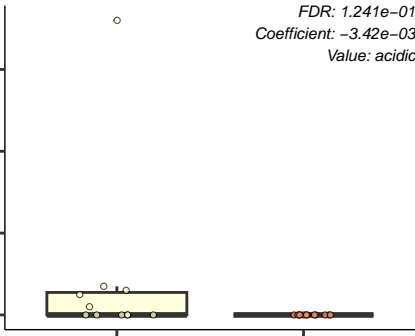
20

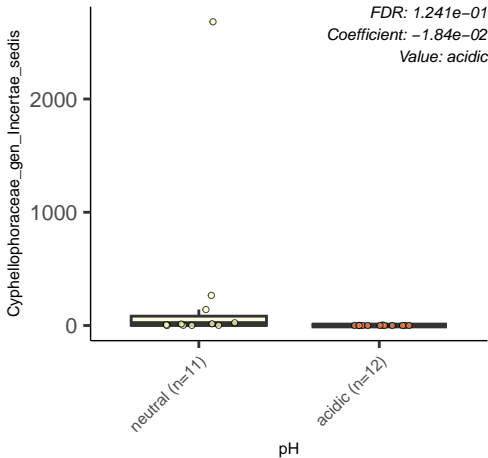
0

neutral (n=11)

acidic (n=12)

pH





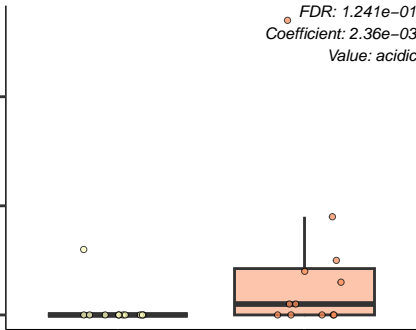
Hypogymnia

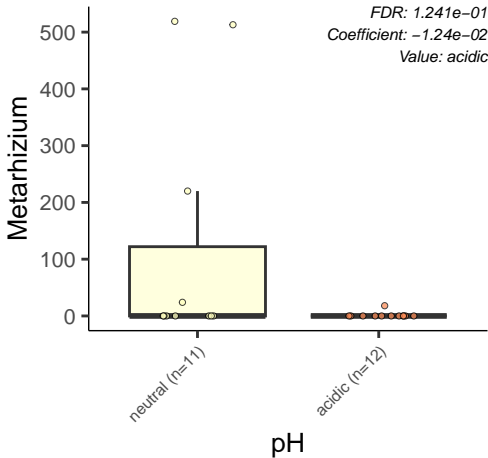
FDR: 1.241e-01
Coefficient: 2.36e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





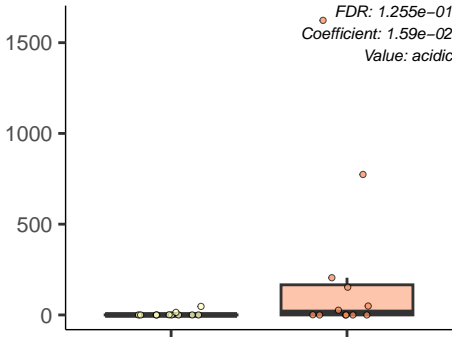
Volutella

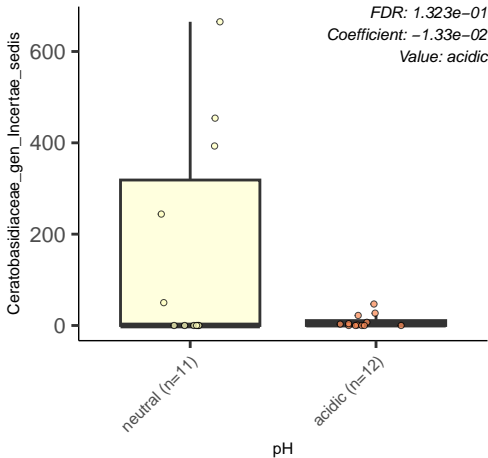
FDR: 1.255e-01
Coefficient: 1.59e-02
Value: acidic

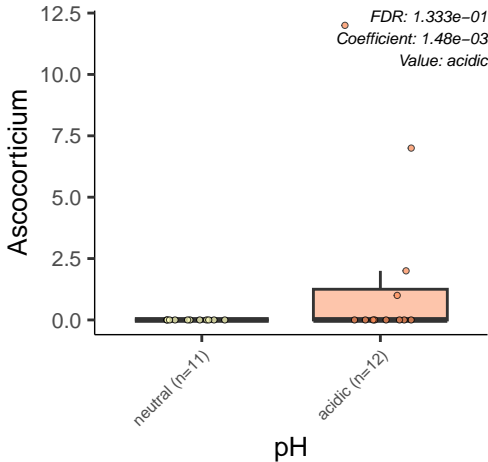
neutral (n=11)

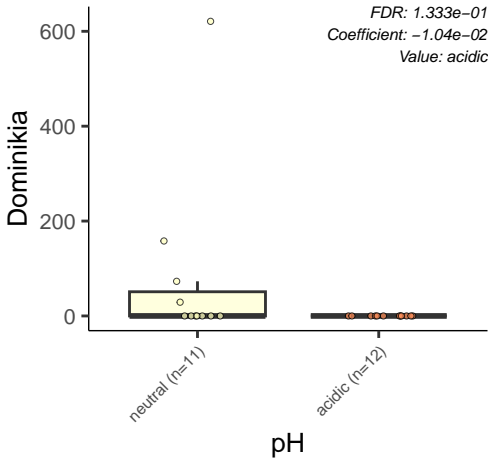
acidic (n=12)

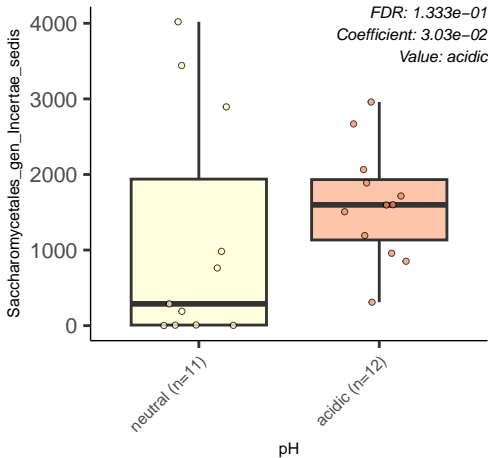
pH











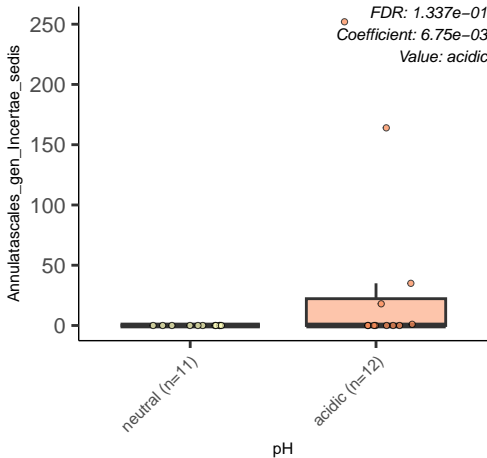
Annulatascales_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



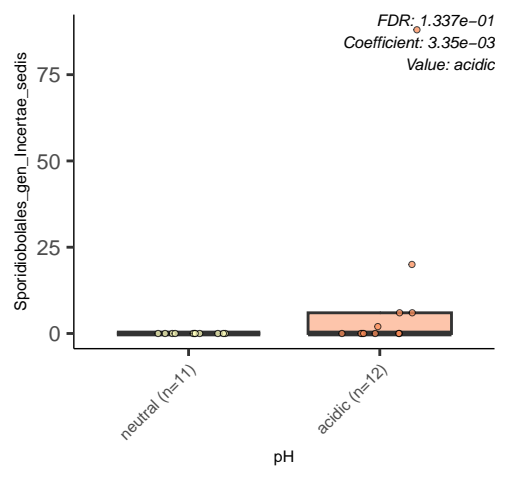
Sporidiobolales_gen_Incertae_sedis

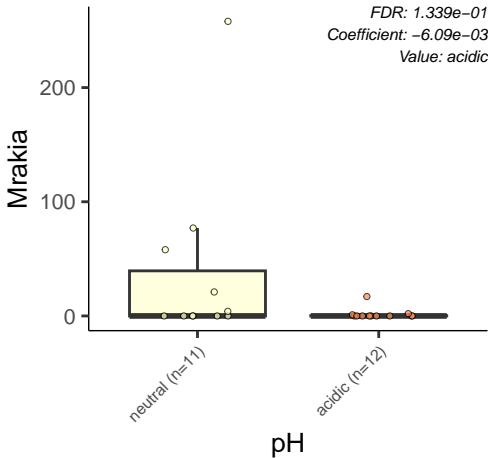
FDR: $1.337e-01$
Coefficient: $3.35e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH

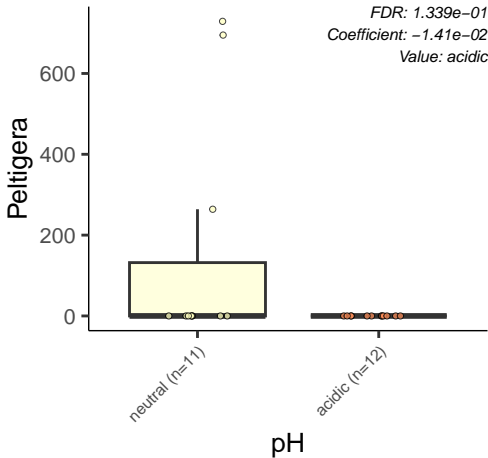




Value: acidic

acidic ($n=12$)

pH



Filobasidiella

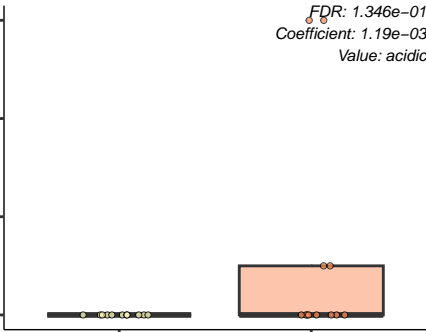
6
4
2
0

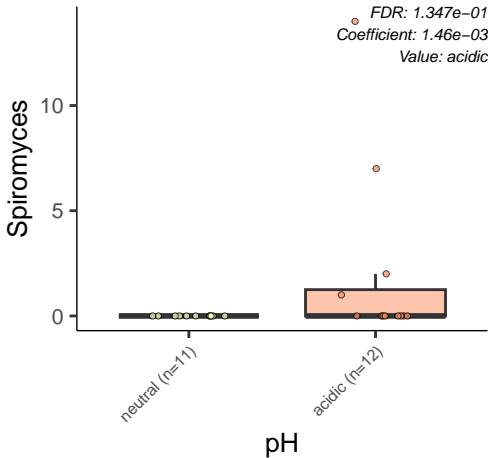
neutral (n=11)

acidic (n=12)

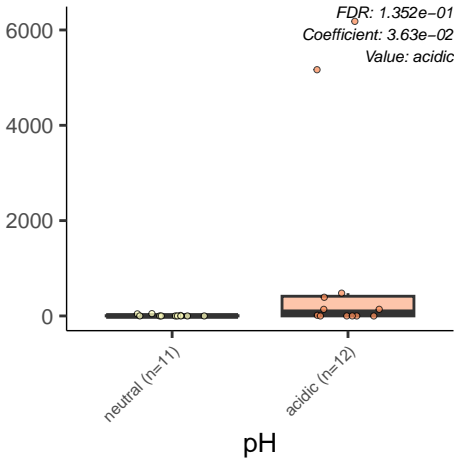
pH

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





Ramariopsis



Lacrymaria

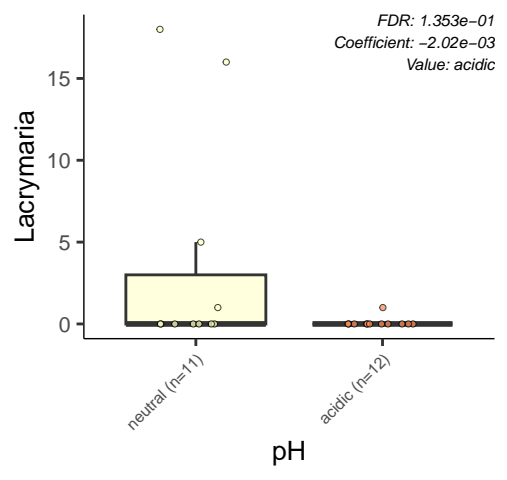
FDR: 1.353e-01
Coefficient: -2.02e-03
Value: acidic

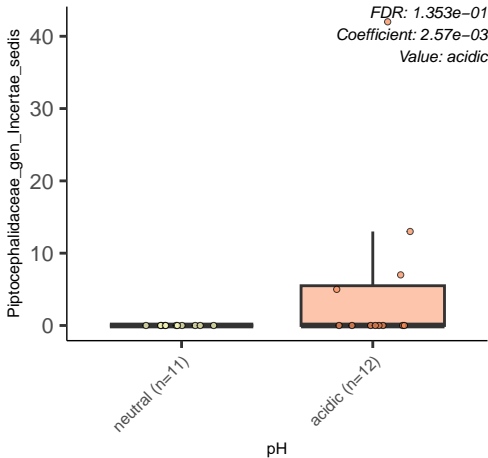
neutral (n=11)

acidic (n=12)

pH

15
10
5
0





Pseudoanungitea

FDR: 1.353e-01

Coefficient: -4.01e-03

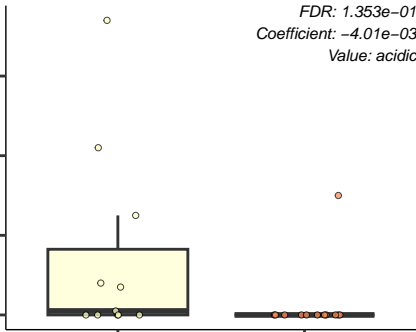
Value: acidic

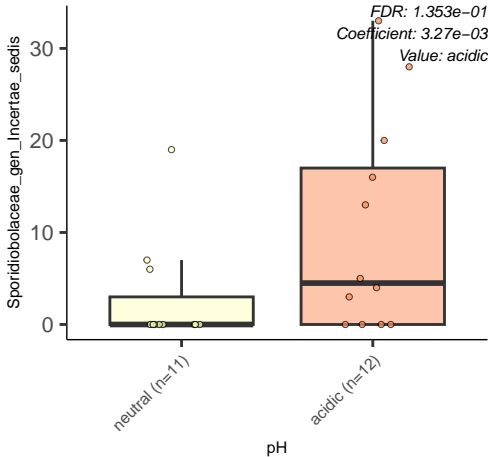
neutral (n=11)

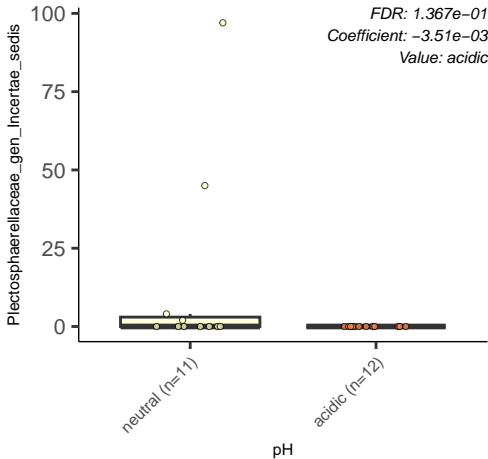
acidic (n=12)

pH

60
40
20
0







Pseudocyclothyriella

FDR: 1.367e-01

Coefficient: -3.98e-03

Value: acidic

neutral (n=11)

acidic (n=12)

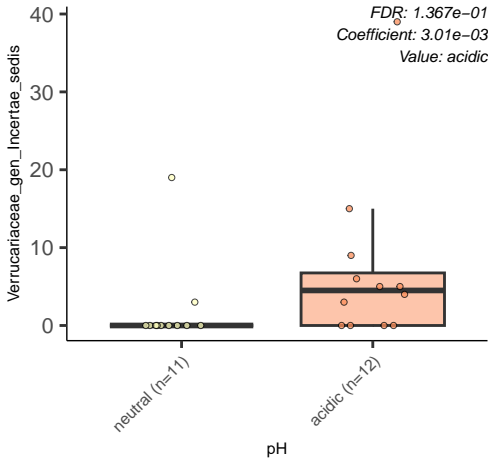
pH

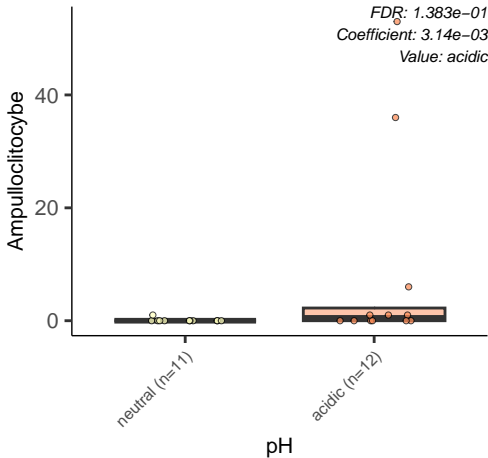
60

40

20

0





Hannaella

FDR: 1.383e-01

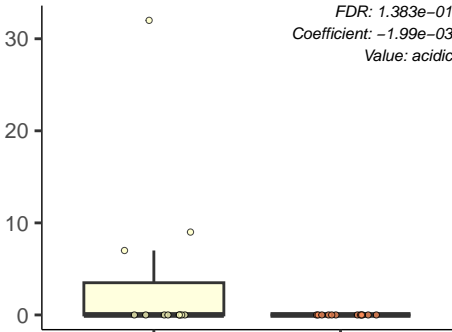
Coefficient: -1.99e-03

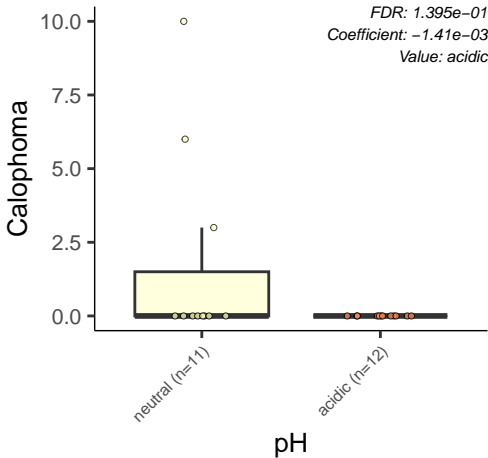
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Dactylella

FDR: 1.407e-01

Coefficient: -2.13e-03

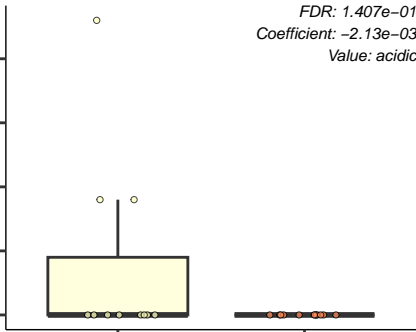
Value: acidic

neutral (n=11)

acidic (n=12)

pH

20
15
10
5
0



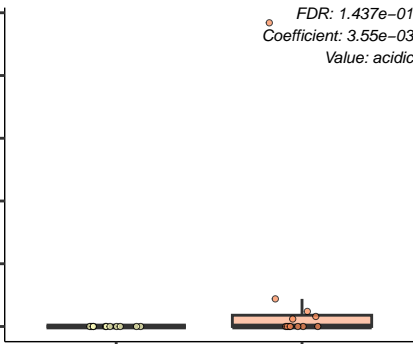
Atheliales_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



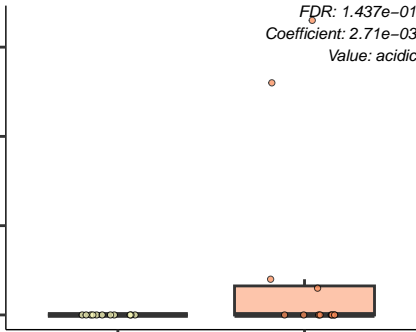
Monacrosporium

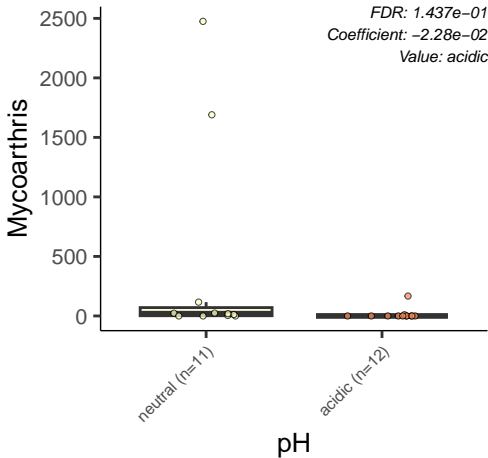
FDR: 1.437e-01
Coefficient: 2.71e-03
Value: acidic

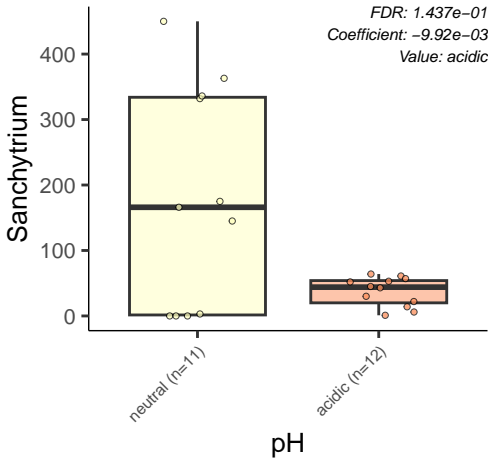
neutral (n=11)

acidic (n=12)

pH







Spermospora

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

neutral (n=11)

acidic (n=12)

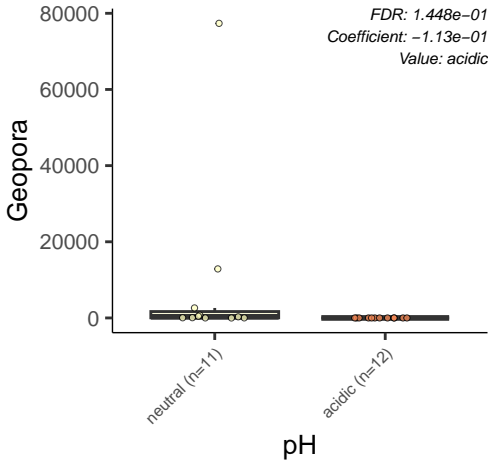
pH

150

100

50

0



Rhinoclatiella

FDR: 1.448e-01

Coefficient: -1.73e-02

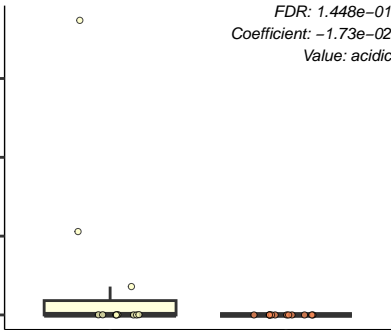
Value: acidic

neutral (n=11)

acidic (n=12)

pH

1500
1000
500
0



Spirosphaera

FDR: 1.463e-01

Coefficient: -5.86e-03

Value: acidic

200

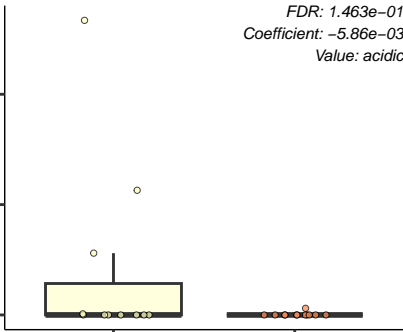
100

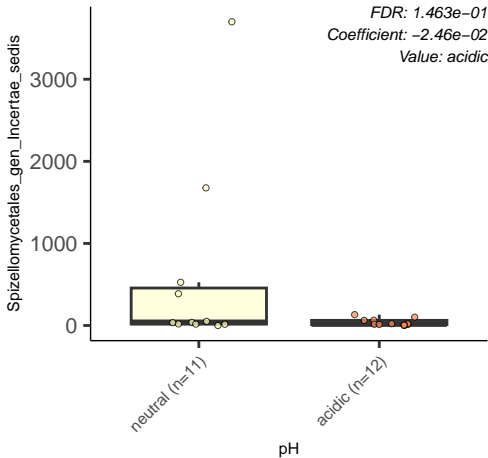
0

neutral (n=11)

acidic (n=12)

pH





Ramophialophora

FDR: 1.476e-01

Coefficient: -8.79e-03

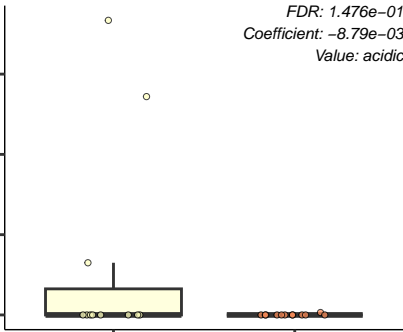
Value: acidic

neutral (n=11)

acidic (n=12)

pH

300
200
100
0



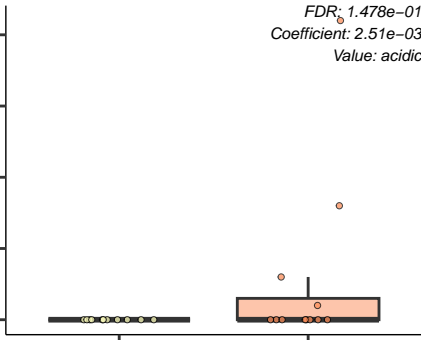
Rhodospiridiobolus

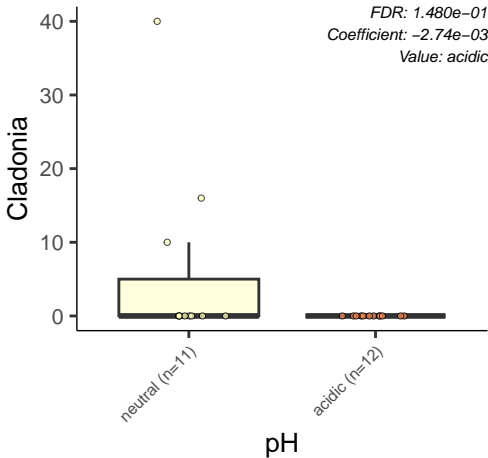
FDR: 1.478e-01
Coefficient: 2.51e-03
Value: acidic

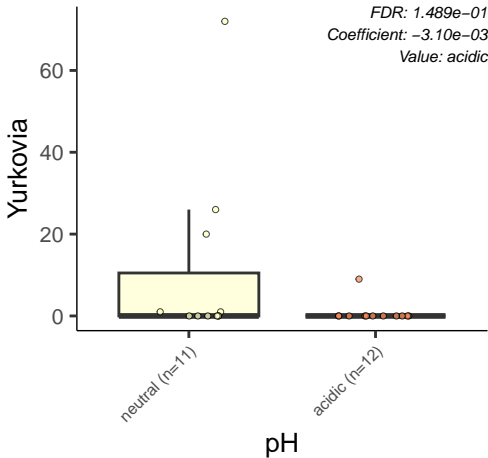
neutral (n=11)

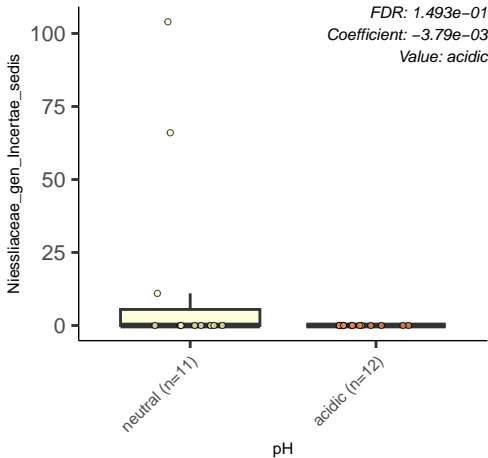
acidic (n=12)

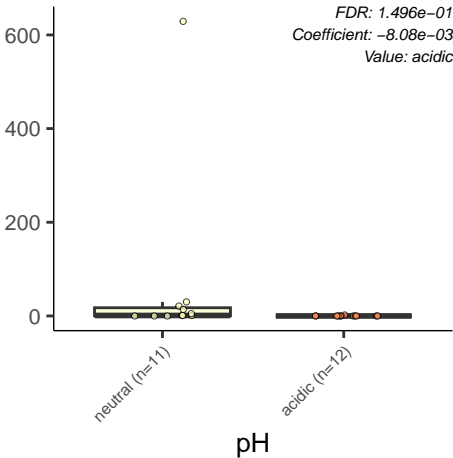
pH











Value: acidic



Lasiobolidium

FDR: 1.540e-01

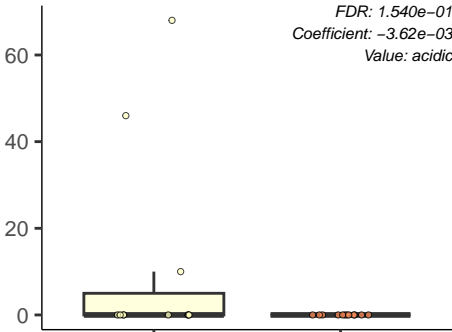
Coefficient: -3.62e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



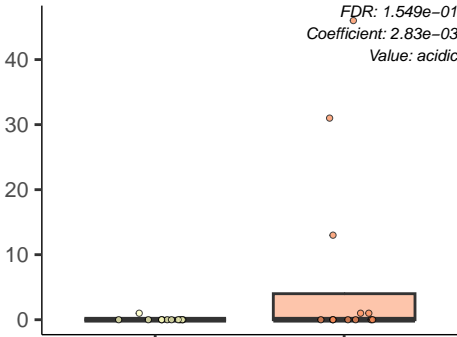
GS10_gen_Incertae_sedis

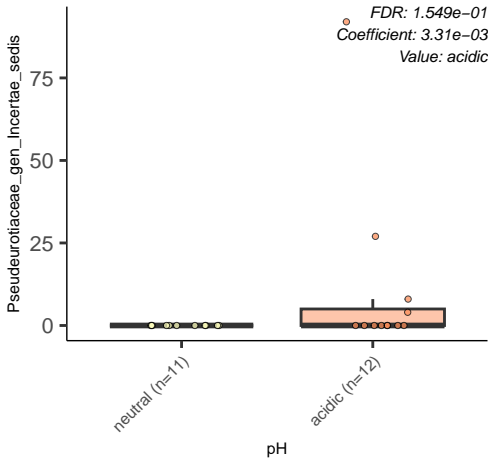
FDR: 1.549e-01
Coefficient: 2.83e-03
Value: acidic

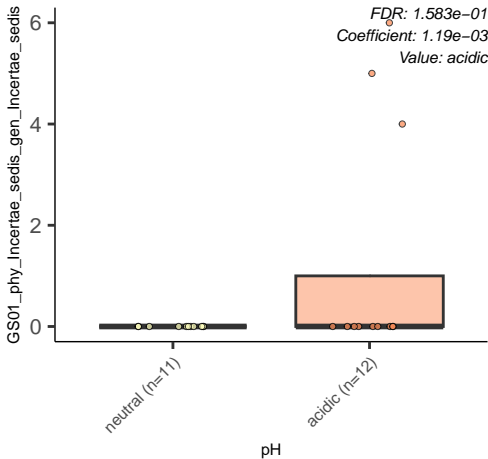
neutral (n=11)

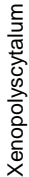
acidic (n=12)

pH









FDR: 1.583e-01

Coefficient: $-1.17e-02$

Value: acidic



pH

Heterocephalaria

FDR: 1.585e-01
Coefficient: 1.38e-03
Value: acidic

neutral (n=11)

acidic (n=12)

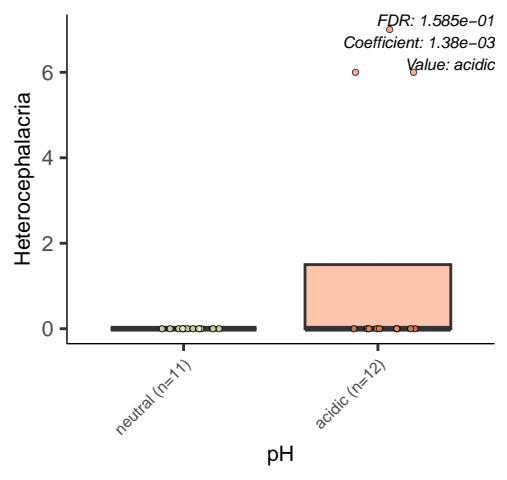
pH

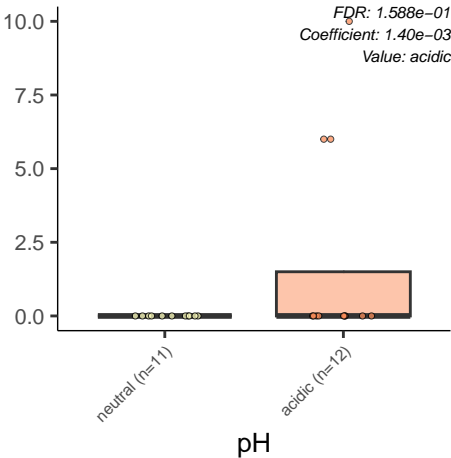
6

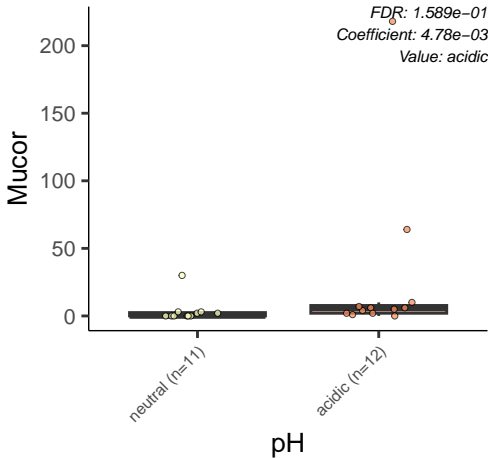
4

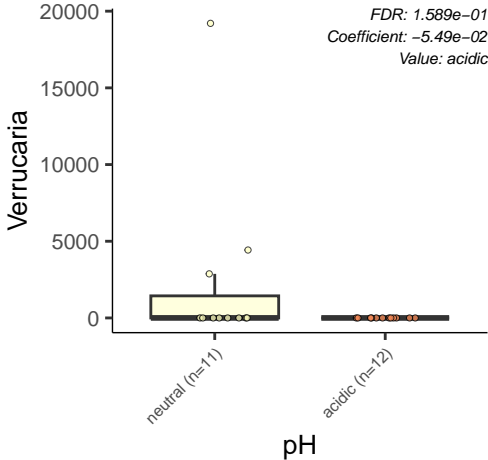
2

0









Archaeorhizomycetes_gen_Incertae_sedis

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

100

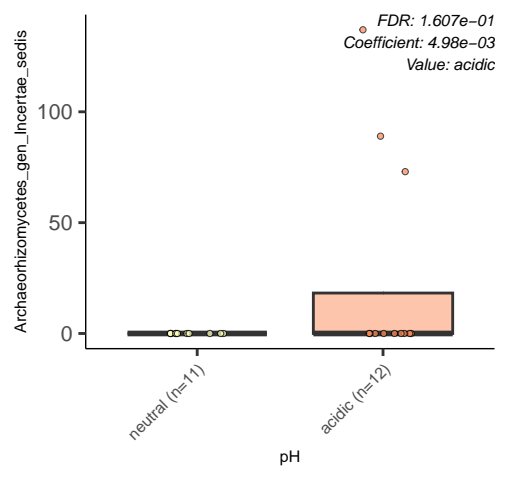
50

0

neutral (n=11)

acidic (n=12)

pH



Geoglossales_gen_Incertae_sedis

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

40

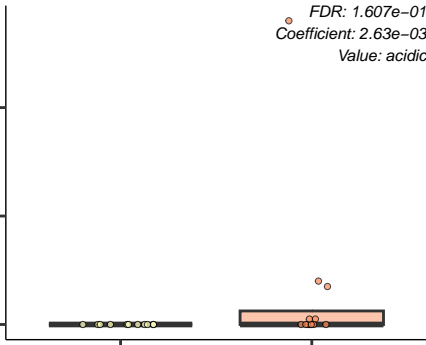
20

0

neutral (n=11)

acidic (n=12)

pH



Helotiaceae_gen_Incertae_sedis

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

20

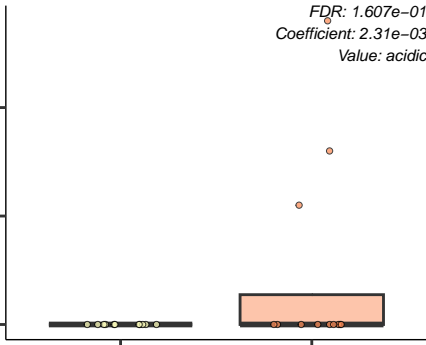
10

0

neutral (n=11)

acidic (n=12)

pH



Hygrophorus

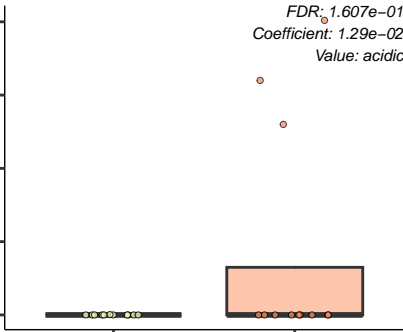
800
600
400
200
0

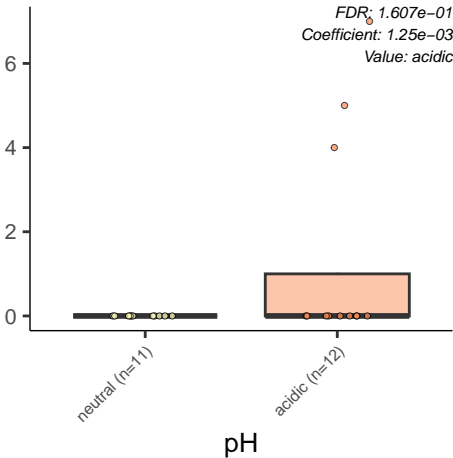
FDR: 1.607e-01
Coefficient: 1.29e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Pustularia

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

neutral (n=11)

acidic (n=12)

pH

1500

1000

500

0

Athelia

100

75

50

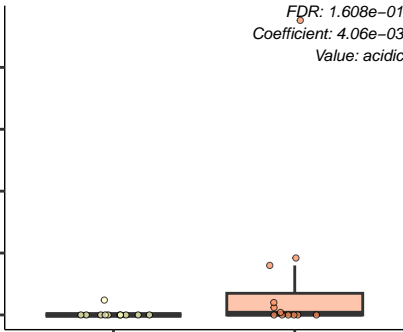
25

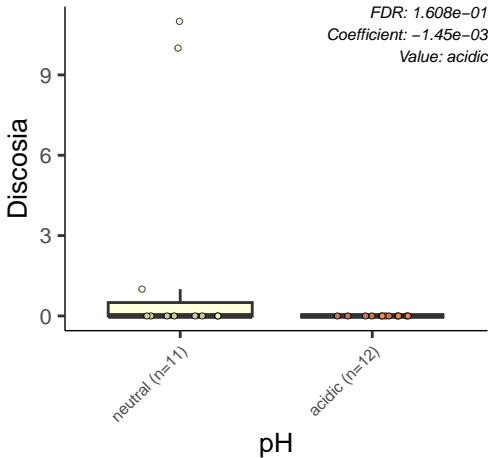
neutral (n=11)

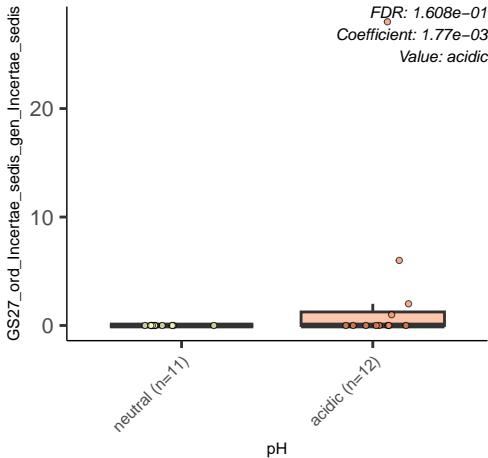
acidic (n=12)

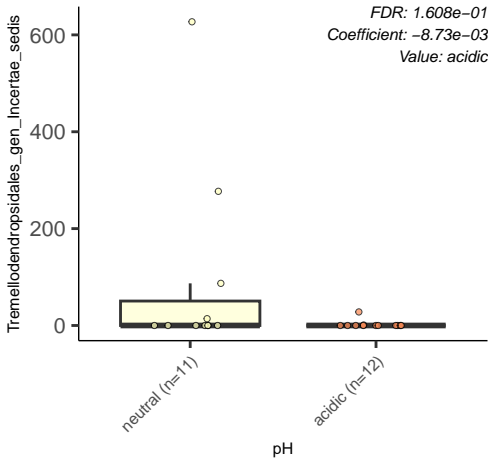
pH

FDR: 1.608e-01
Coefficient: 4.06e-03
Value: acidic









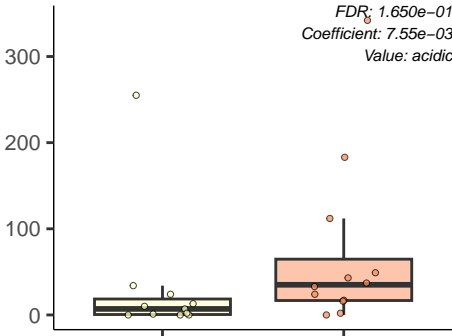
Xenochalara

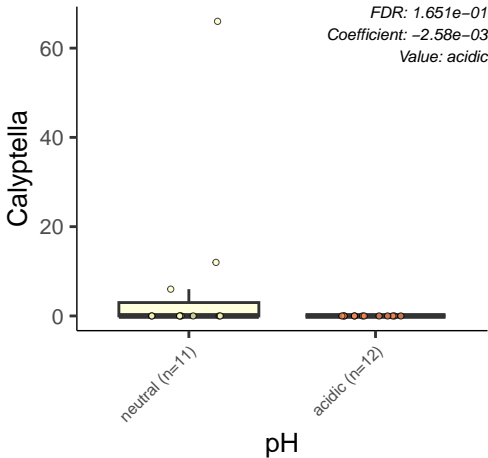
FDR: 1.650e-01
Coefficient: 7.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Rhexocercosporidium

FDR: 1.661e-01

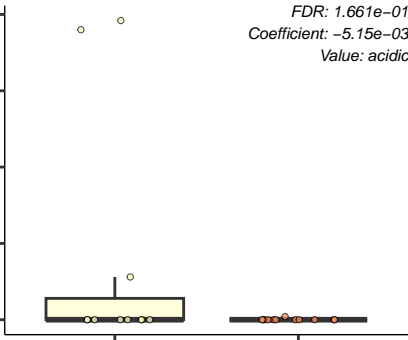
Coefficient: -5.15e-03

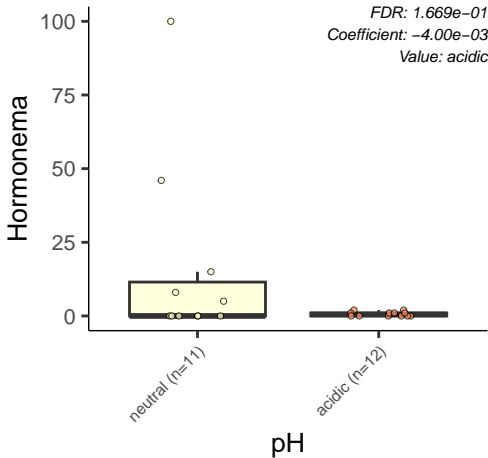
Value: acidic

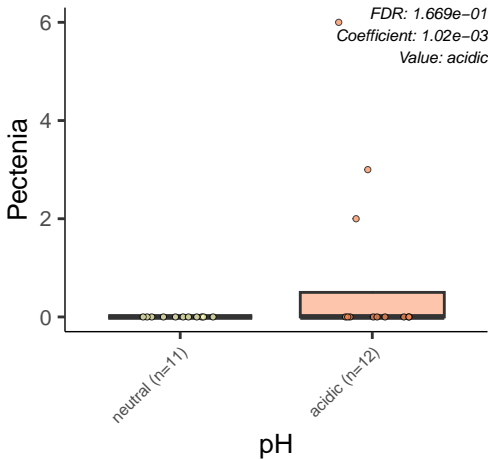
neutral (n=11)

acidic (n=12)

pH







Thelebolus

FDR: 1.669e-01

Coefficient: -2.10e-02

Value: acidic

3000

2000

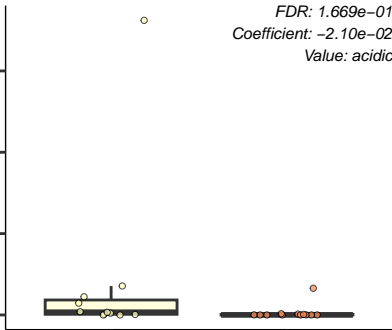
1000

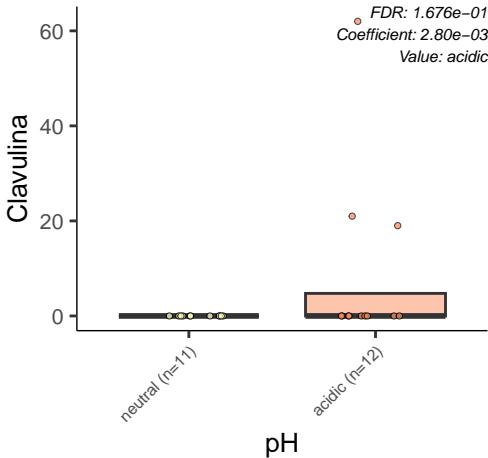
0

neutral (n=11)

acidic (n=12)

pH





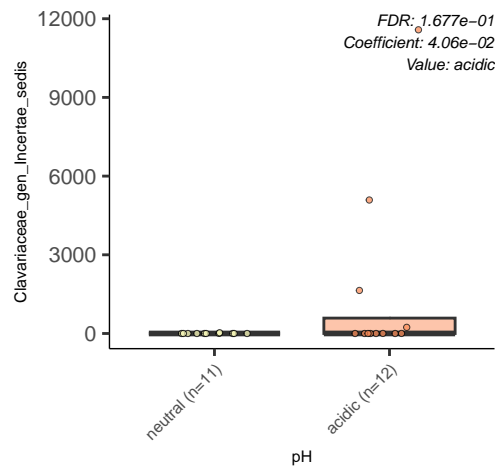
Clavariaceae_gen_Incertae_sedis

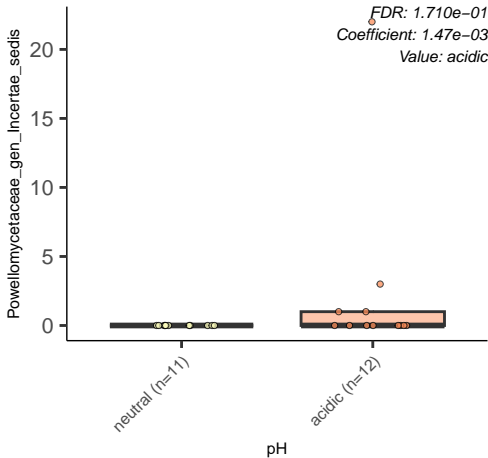
FDR: 1.677e-01
Coefficient: 4.06e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Sordariales_gen_Incertae_sedis

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

20000

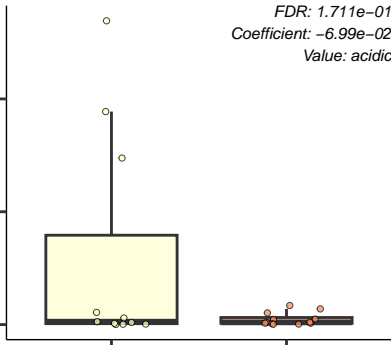
10000

0

neutral (n=11)

acidic (n=12)

pH



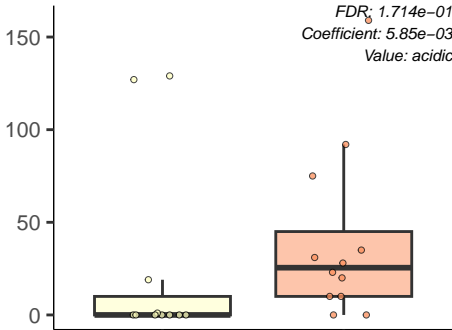
Piptocephalis

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

neutral (n=11)

acidic (n=12)

pH



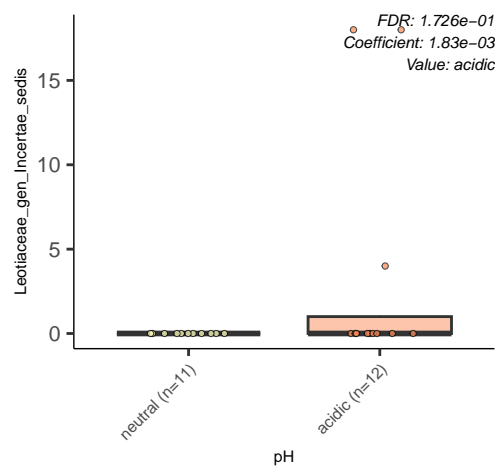
Leotiaceae_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



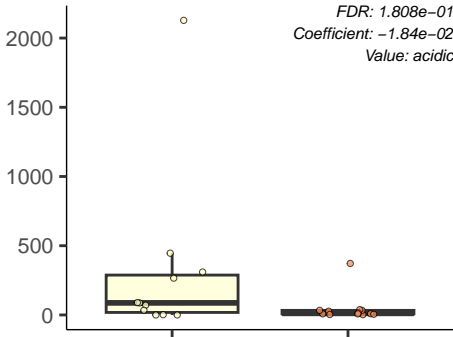
Chalara

neutral (n=11)

acidic (n=12)

pH

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



Umbilicariales_gen_Incertae_sedis

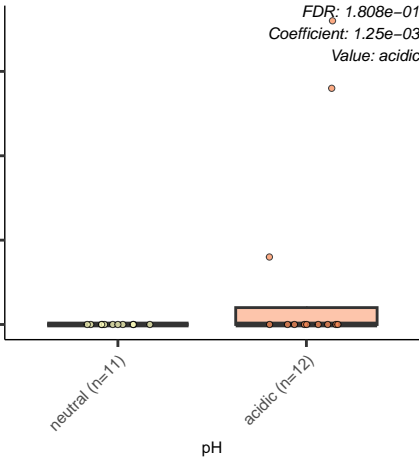
FDR: 1.808e-01
Coefficient: 1.25e-03
Value: acidic

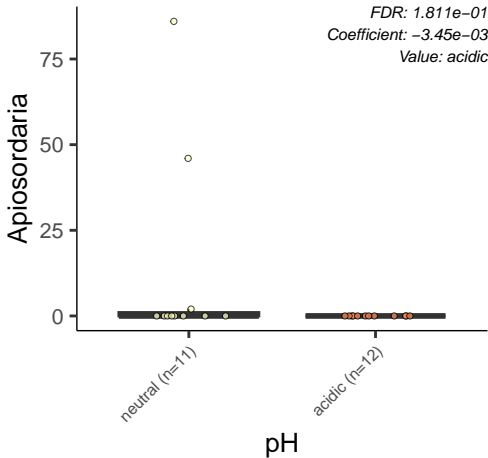
7.5
5.0
2.5
0.0

neutral (n=11)

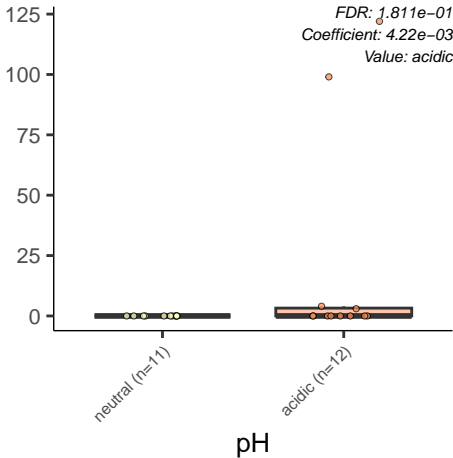
acidic (n=12)

pH





Roridomyces



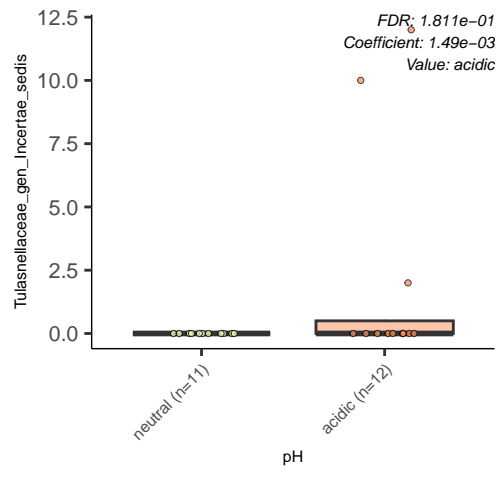
Tulasnellaceae_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



Absconditella

FDR: 1.849e-01

Coefficient: $-2.64e-03$

Value: acidic

neutral (n=11)

acidic (n=12)

pH

40

20

0

Nectriaceae_gen_Incertae_sedis

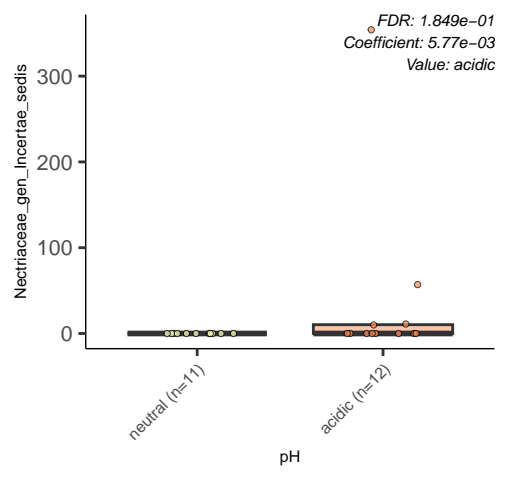
FDR: 1.849e-01
Coefficient: 5.77e-03
Value: acidic

300
200
100
0

neutral (n=11)

acidic (n=12)

pH





FDR: 1.849e-01

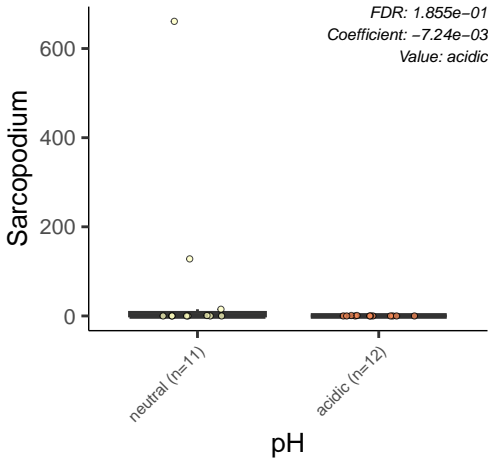
Coefficient: $-1.89e-03$

Value: acidic

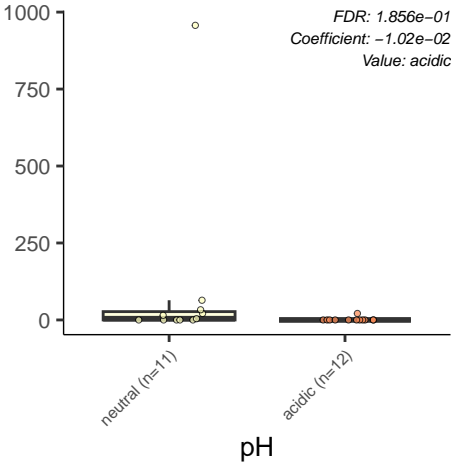
neutral (n=11)

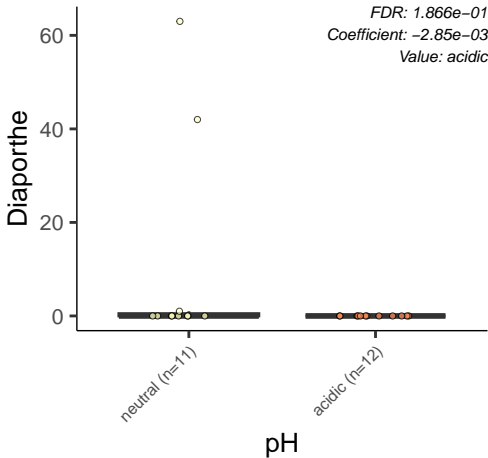
acidic ($n=12$)

pH



Phaeococcomycetes





Trimmatostroma

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

7.5

5.0

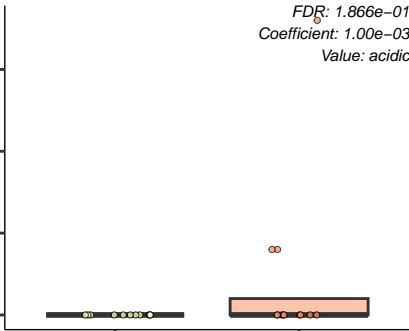
2.5

0.0

neutral (n=11)

acidic (n=12)

pH



Sphaerulina

FDR: 1.896e-01
Coefficient: 3.05e-03
Value: acidic

60

40

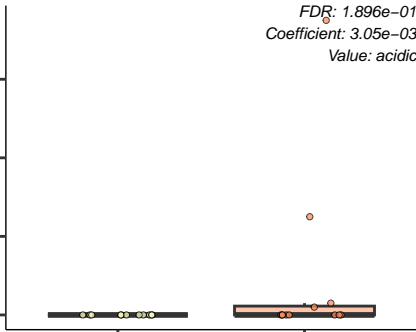
20

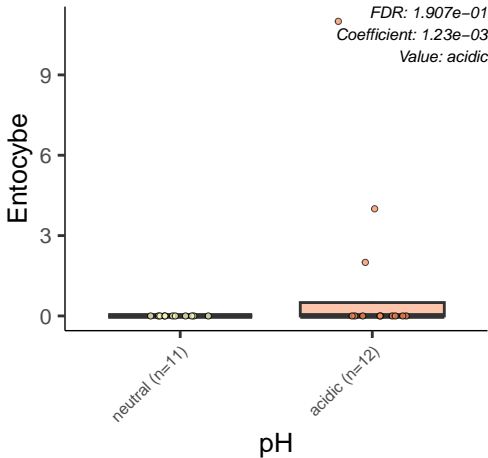
0

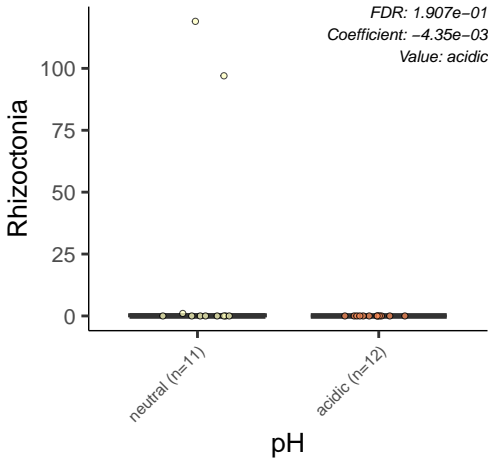
neutral (n=11)

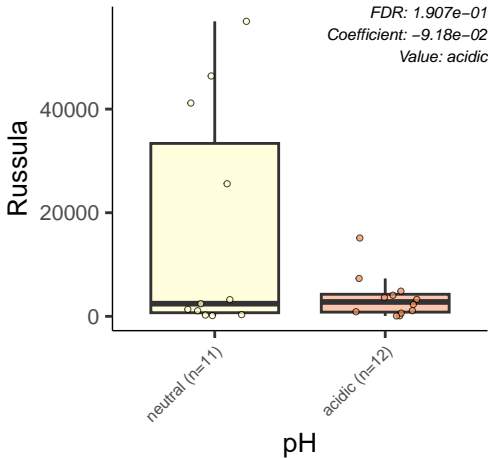
acidic (n=12)

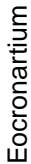
pH











FDR: 1.907e-01

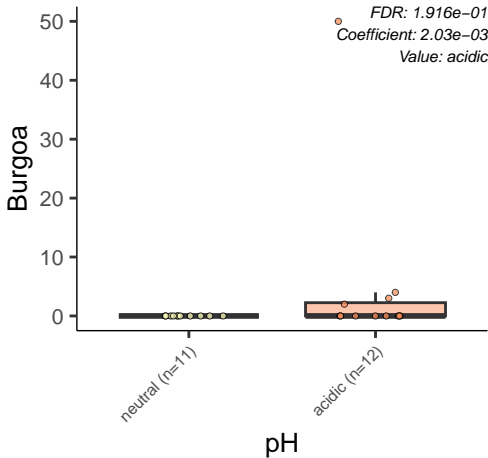
Coefficient: $-4.01e-03$

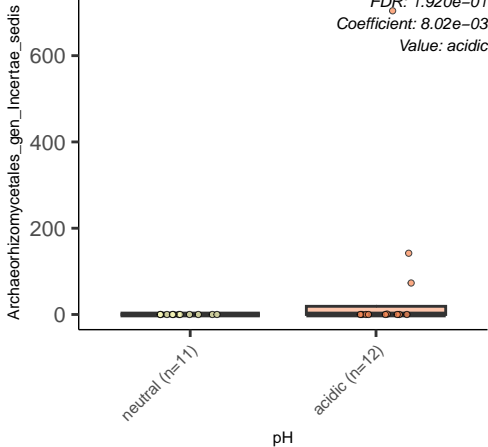
Value: acidic

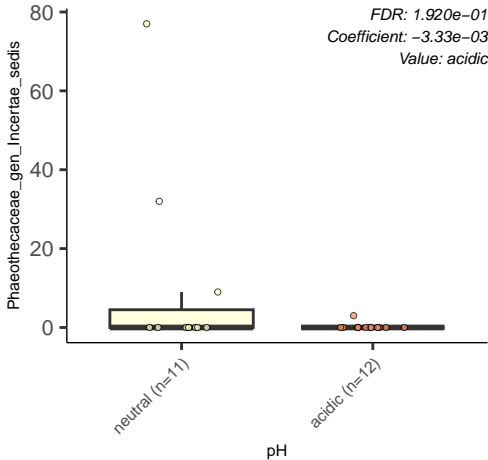
neutral (n=11)

acidic ($n=12$)

pH







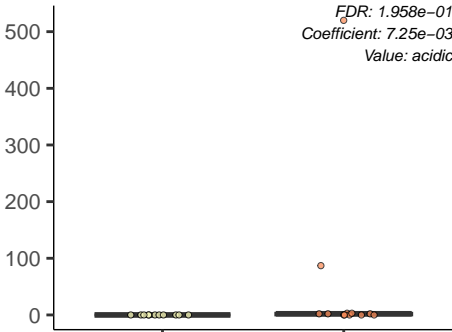
Bannozyma

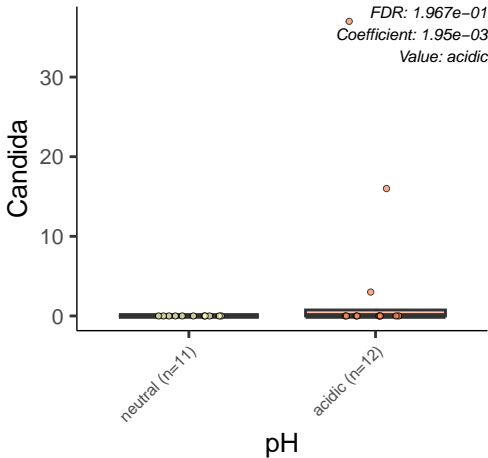
FDR: 1.958e-01
Coefficient: 7.25e-03
Value: acidic

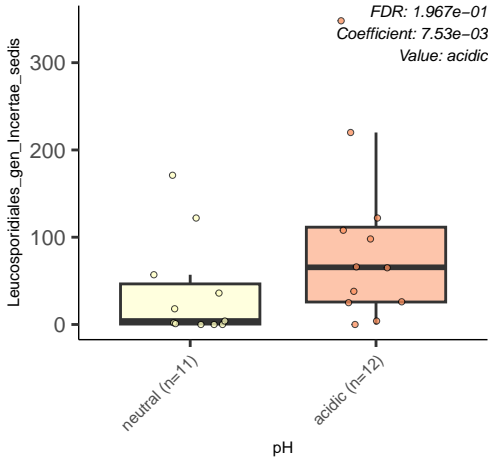
neutral (n=11)

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

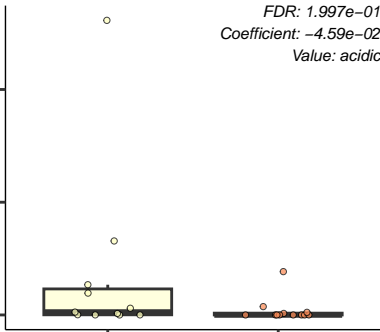
5000

0

neutral (n=11)

acidic (n=12)

pH





FDR: 1.997e-01

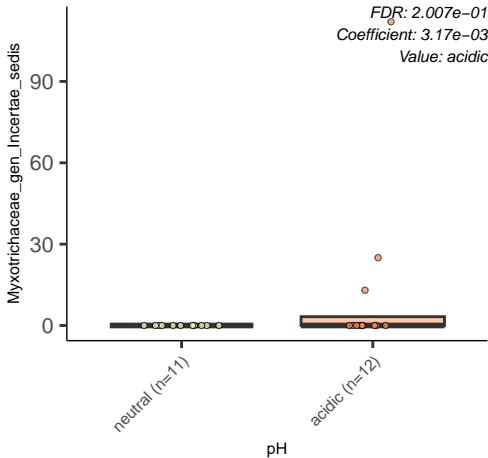
Coefficient: $-2.41e-02$

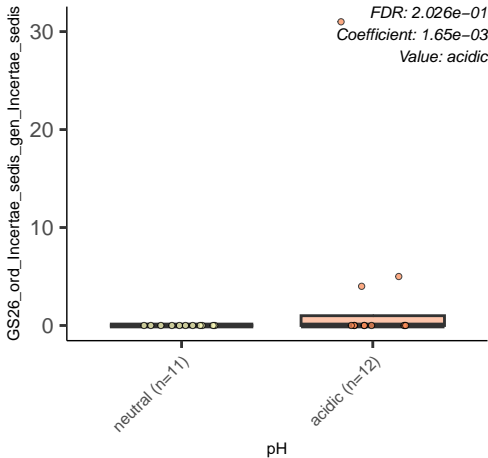
Value: acidic

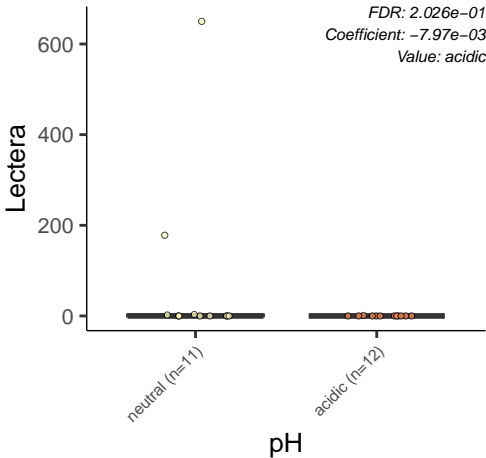
neutral (n=11)

acidic ($n=12$)

pH







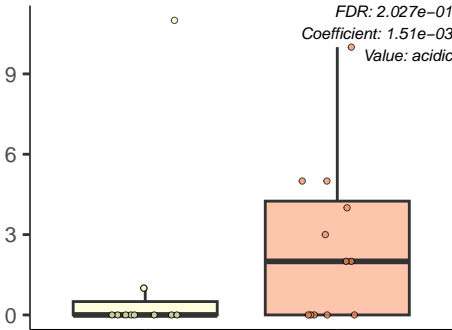
Kuehneromyces

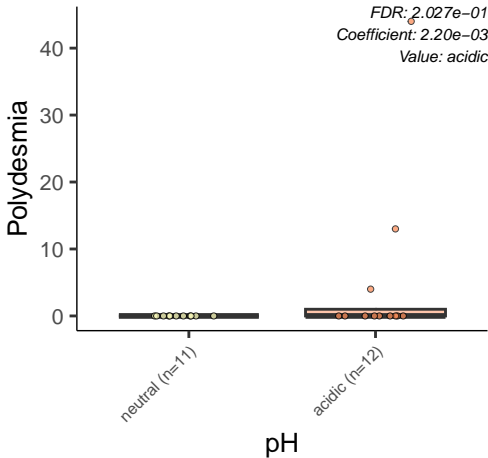
neutral (n=11)

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

200

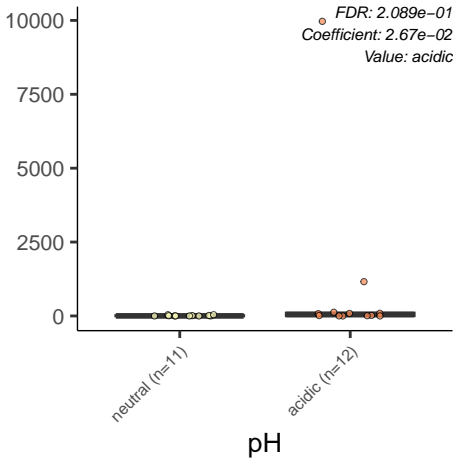
150

100

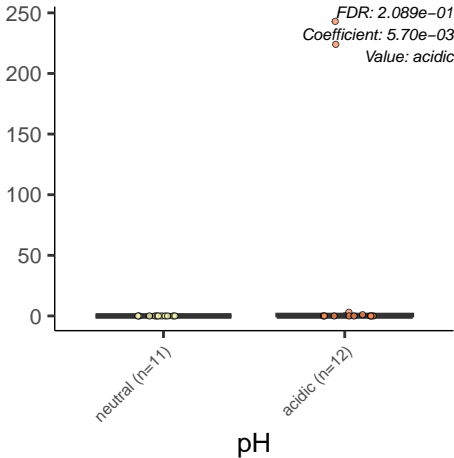
50

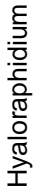
0

Sistotrema



Teratosphaeria





FDR: 2.125e-01

Coefficient: $-2.34e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

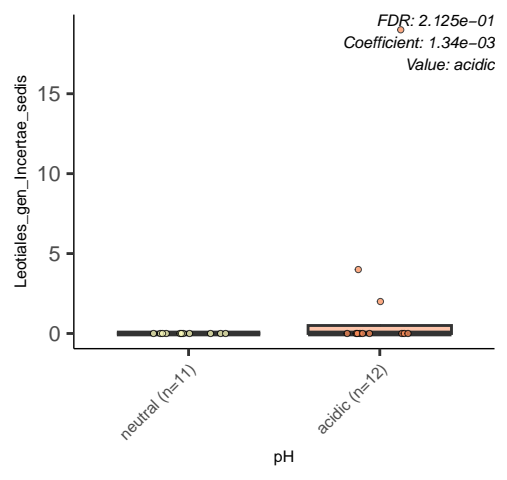
Leotiales_gen_Incertae_sedis

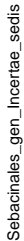
FDR: 2.125e-01
Coefficient: 1.34e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





FDR: 2.133e-01

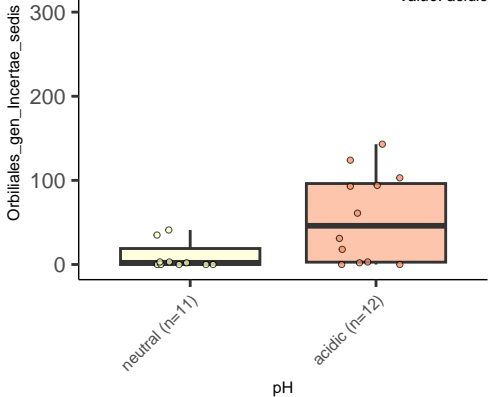
Coefficient: $-3.06e-02$

Value: acidic



pH

Value: acidic



Pleosporales_gen_Incertae_sedis

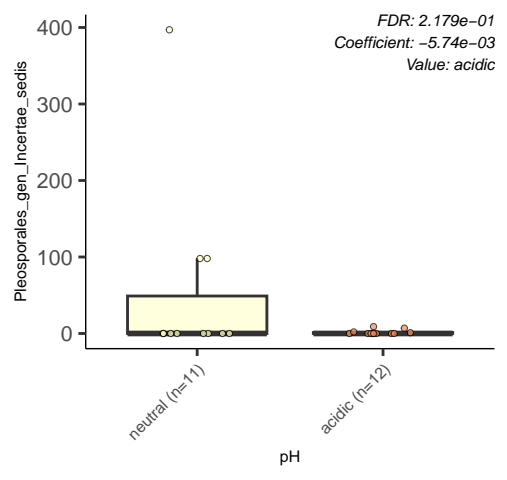
400
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

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



Dothideales_gen_Incertae_sedis

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

15

10

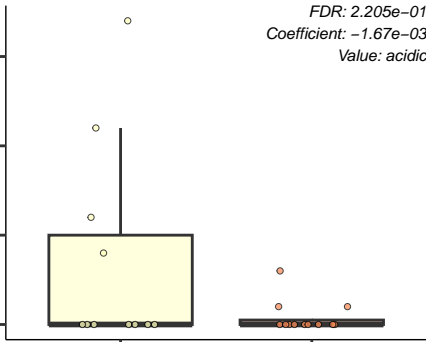
5

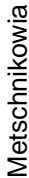
0

neutral (n=11)

acidic (n=12)

pH





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

Value: acidic

acidic ($n=12$)

pH

Tympanidaceae_gen_Incertae_sedis

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

2000

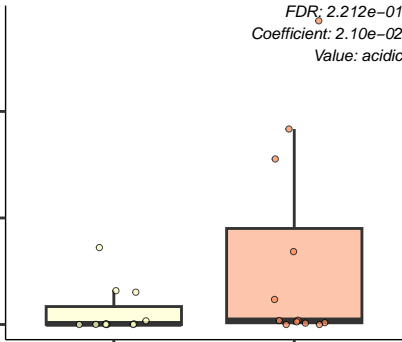
1000

0

neutral (n=11)

acidic (n=12)

pH



Stilbella

FDR: 2.232e-01
Coefficient: 2.21e-02
Value: acidic

2000

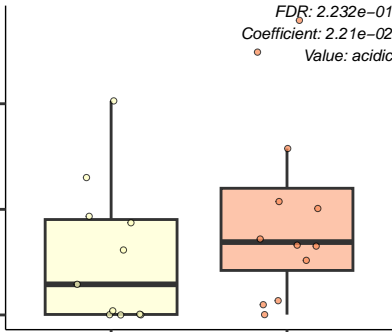
1000

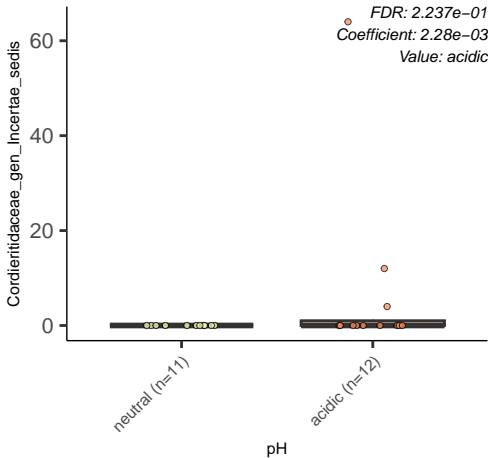
0

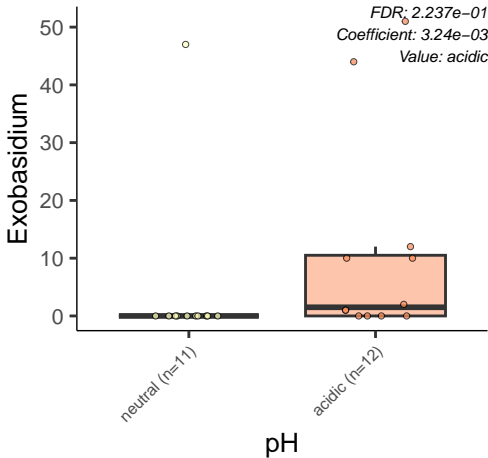
neutral (n=11)

acidic (n=12)

pH







Kockovaella

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

60

40

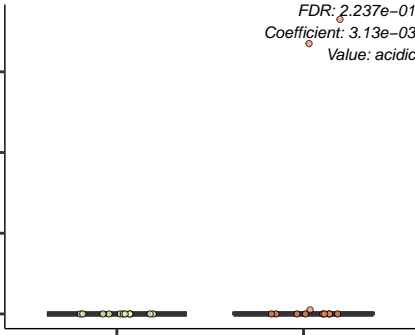
20

0

neutral (n=11)

acidic (n=12)

pH



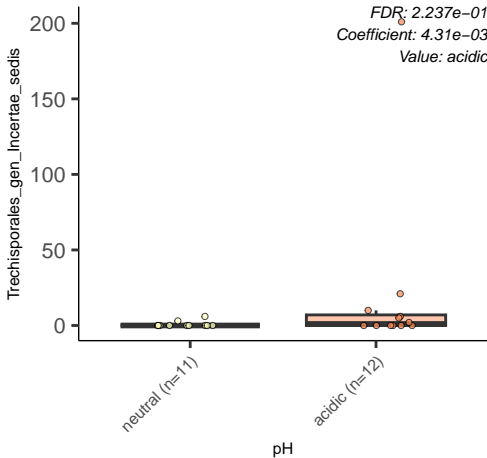
Trechisporales_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

pH



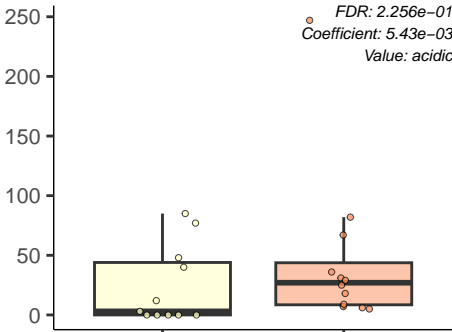
Piskurozyma

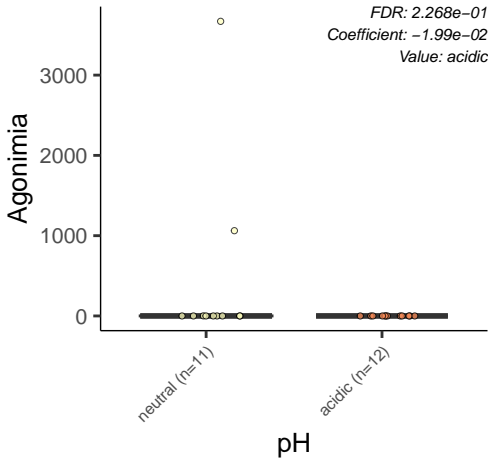
FDR: 2.256e-01
Coefficient: 5.43e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Sistotremastrum

FDR: 2.277e-01
Coefficient: 6.96e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

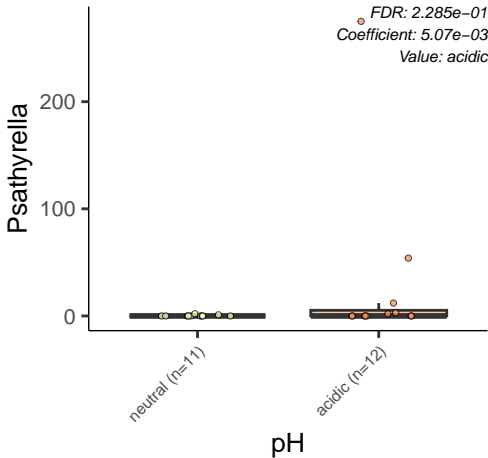
400

300

200

100

0





FDR: 2.332e-01

Coefficient: $-1.17e-02$

Value: acidic



pH



FDR: 2.374e-01

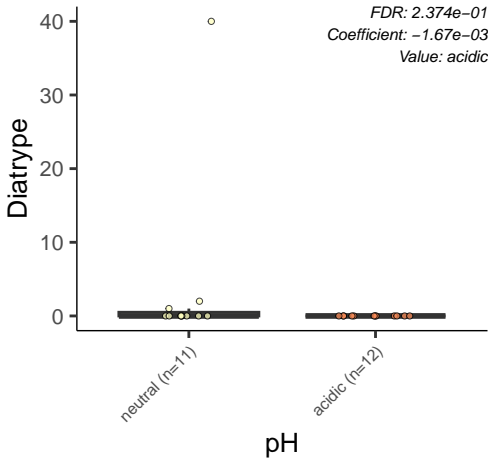
Coefficient: $-7.02e-03$

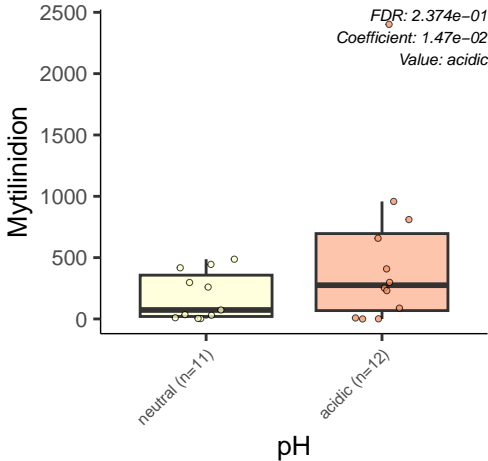
Value: acidic

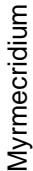
neutral (n=11)

acidic ($n=12$)

pH







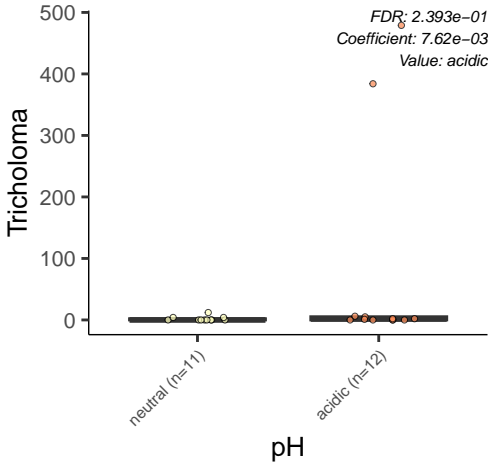
FDR: 2.390e-01

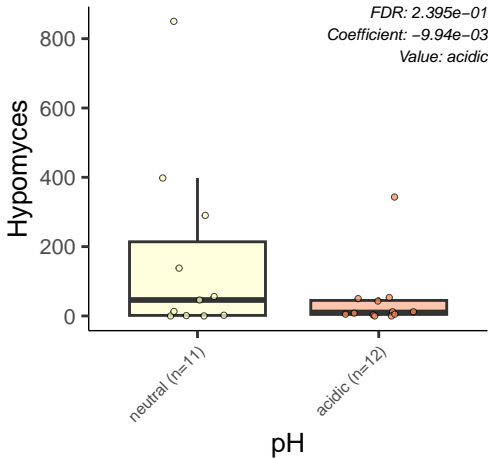
Coefficient: $-4.58e-03$

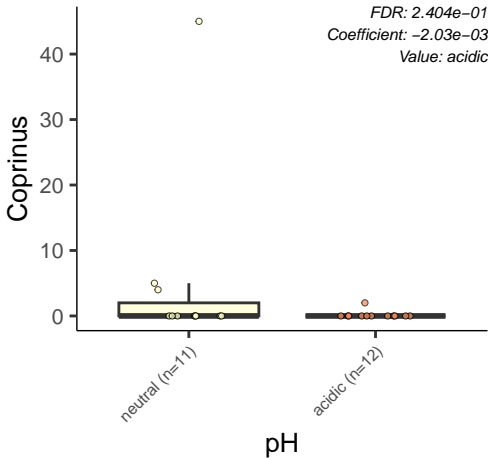
Value: acidic

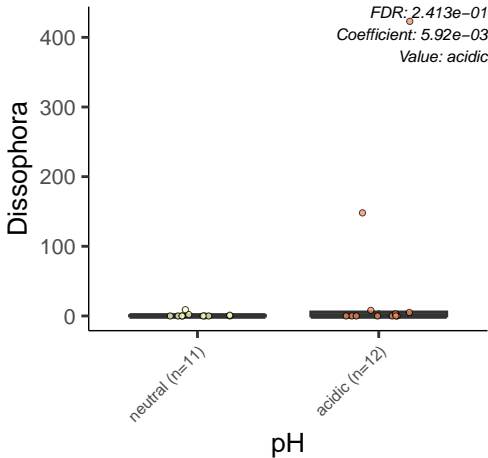


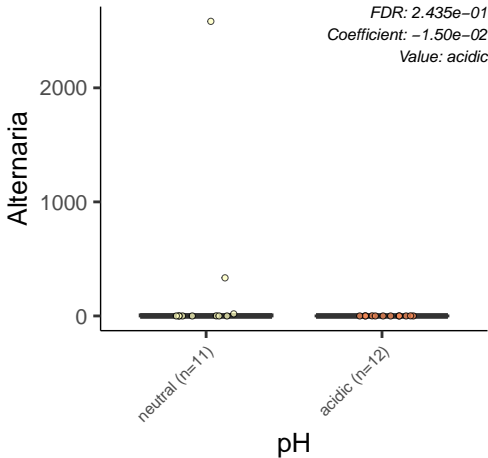
pH











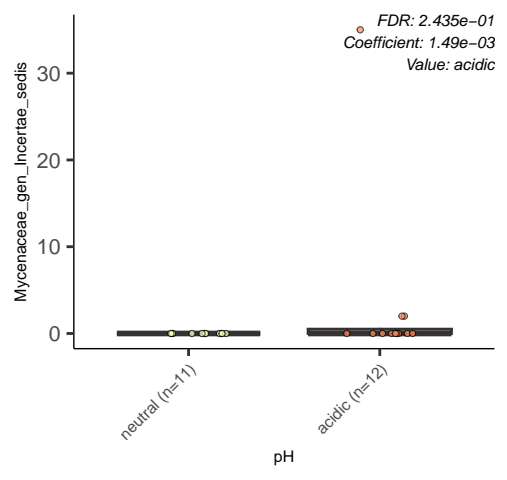
Mycenaceae_gen_Incertae_sedis

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

neutral (n=11)

acidic (n=12)

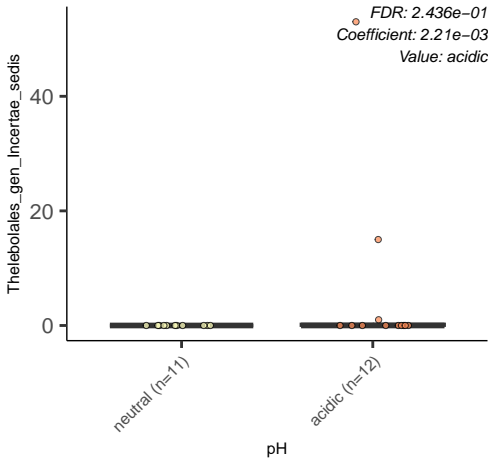
pH

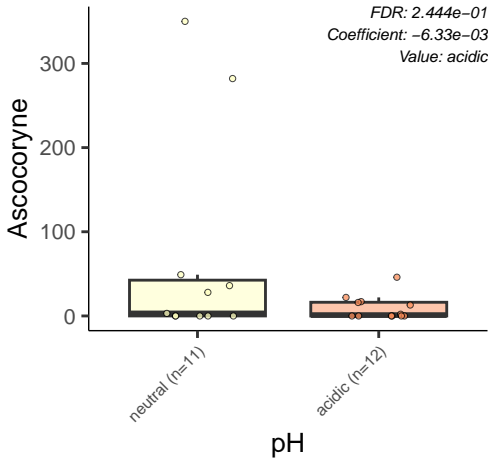


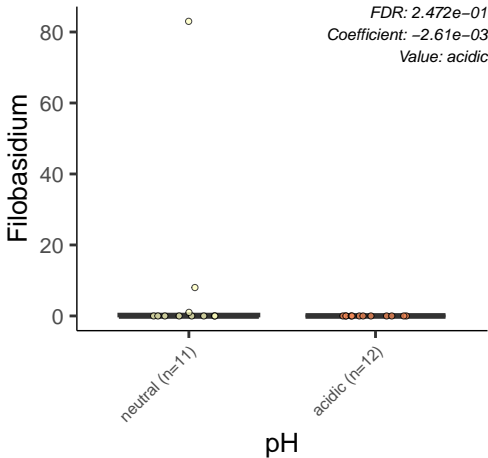
Value: acidic

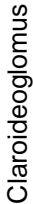
acidic ($n=12$)

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