

Botryobasidium

100

50

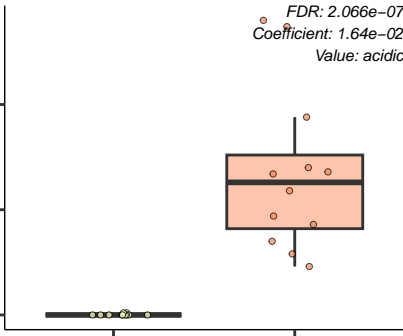
0

neutral (n=11)

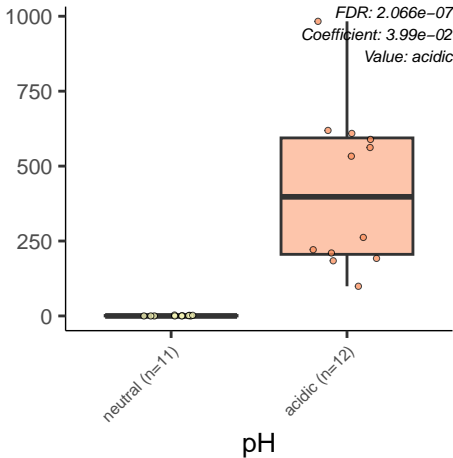
acidic (n=12)

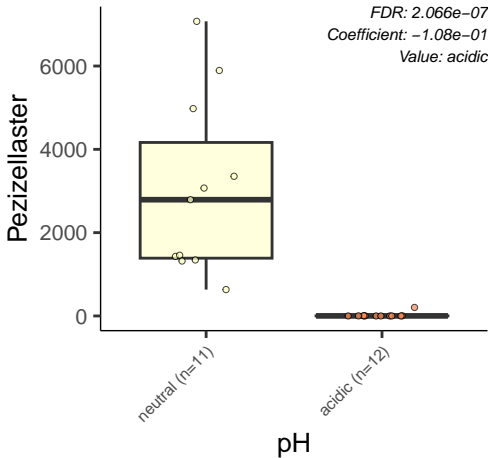
pH

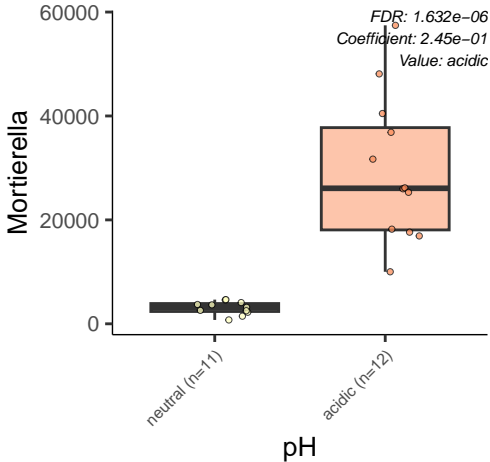
FDR: 2.066e-07
Coefficient: 1.64e-02
Value: acidic



Entomortierella







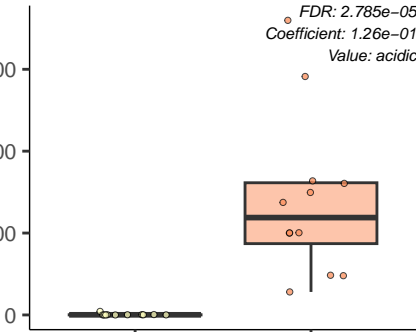
Meliniomyces

FDR: 2.785e-05
Coefficient: 1.26e-01
Value: acidic

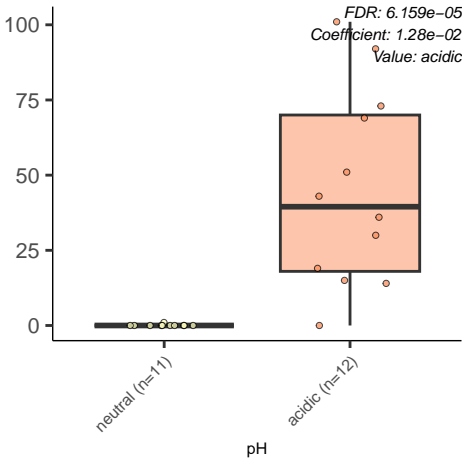
neutral (n=11)

acidic (n=12)

pH



Acarosporales_gen_Incertae_sedis



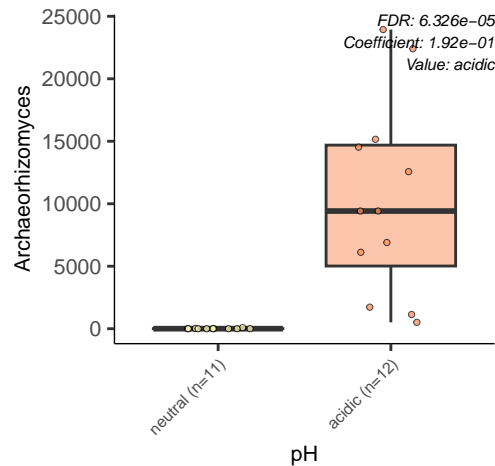
Archaeorhizomyces

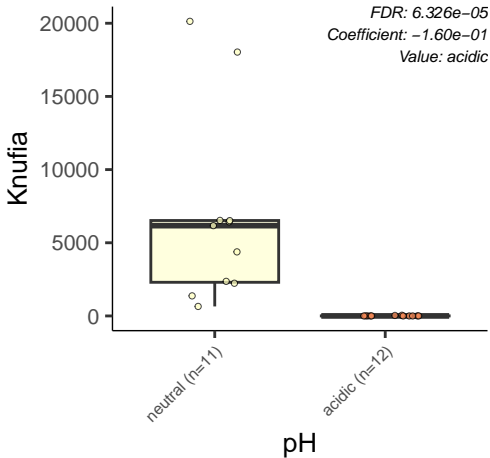
neutral (n=11)

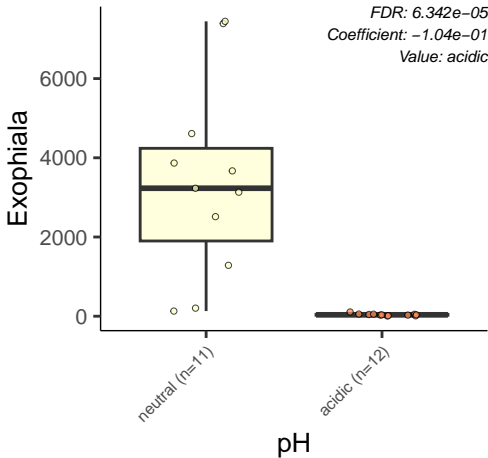
acidic (n=12)

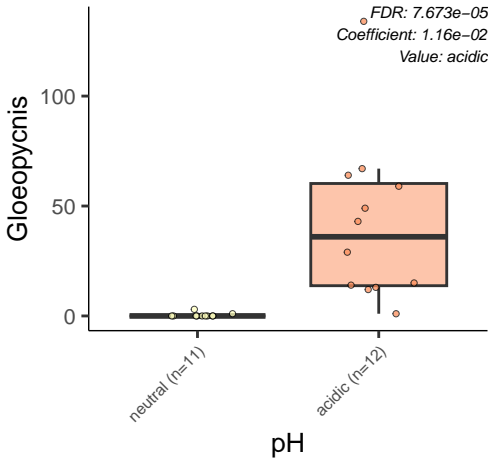
pH

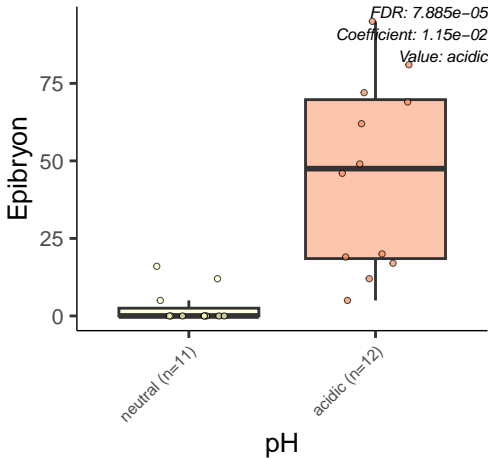
FDR: 6.326×10^{-5}
Coefficient: 1.92×10^{-1}
Value: acidic

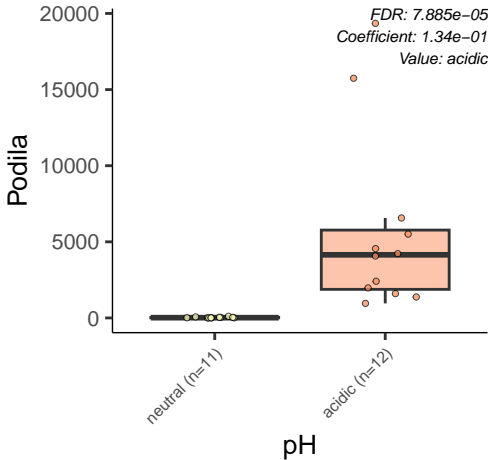












Synccephalis

FDR: 7.885e-05
Coefficient: 3.25e-02
Value: acidic

1000

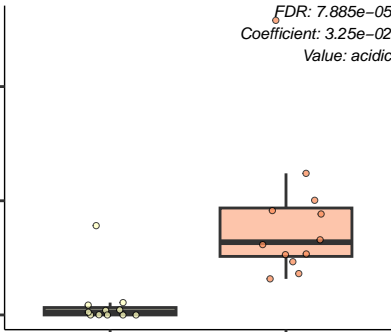
500

0

neutral (n=11)

acidic (n=12)

pH



GS21_gen_Incertae_sedis

neutral (n=11)

acidic (n=12)

pH

FDR: 9.681e-05
Coefficient: 2.69e-02
Value: acidic

400

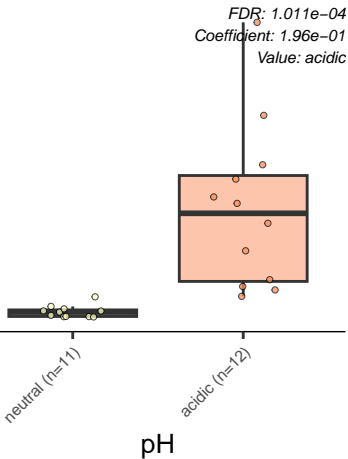
300

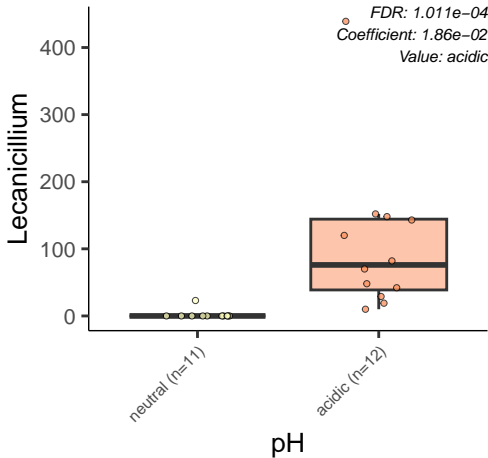
200

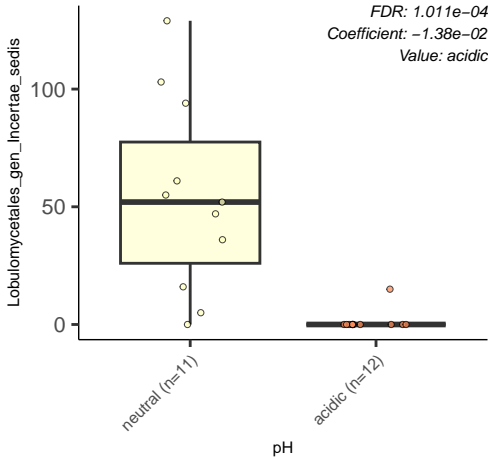
100

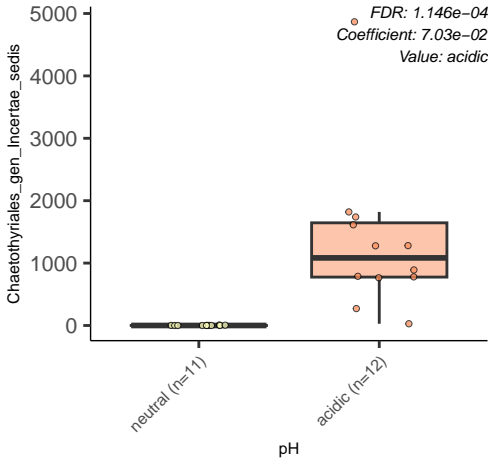
0

Cortinarius









Piloderma

FDR: 2.005e-04
Coefficient: 2.14e-01
Value: acidic

40000

30000

20000

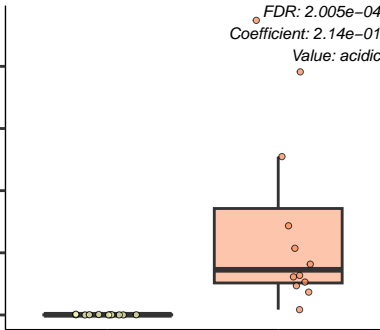
10000

0

neutral (n=11)

acidic (n=12)

pH



Rhizidium

FDR: 2.243e-04
Coefficient: 8.34e-02
Value: acidic

6000

4000

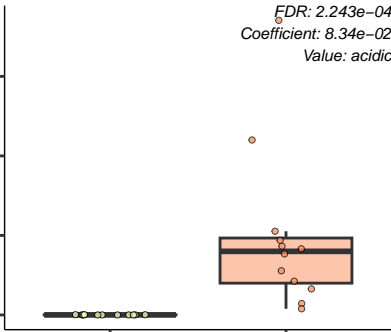
2000

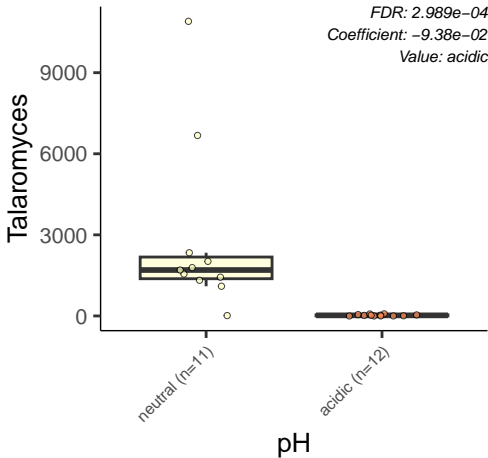
0

neutral (n=11)

acidic (n=12)

pH





Leotiomyces_gen_Incertae_sedis

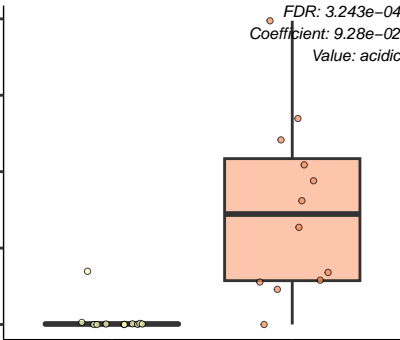
8000
6000
4000
2000
0

neutral (n=11)

acidic (n=12)

pH

FDR: 3.243e-04
Coefficient: 9.28e-02
Value: acidic



Dermateaceae_gen_Incertae_sedis

100

50

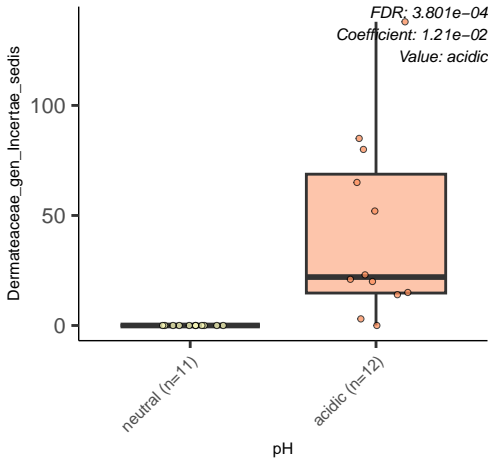
0

neutral (n=11)

acidic (n=12)

pH

FDR: 3.801e-04
Coefficient: 1.21e-02
Value: acidic



Sugiyamaella

neutral (n=11)

acidic (n=12)

pH

FDR: 3.908×10^{-4}
Coefficient: 3.42×10^{-2}
Value: acidic

0

250

500

750

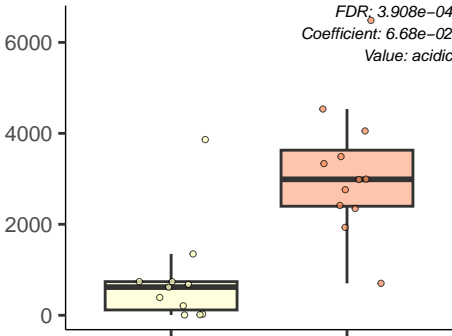
Umbelopsis

FDR: 3.908e-04
Coefficient: 6.68e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



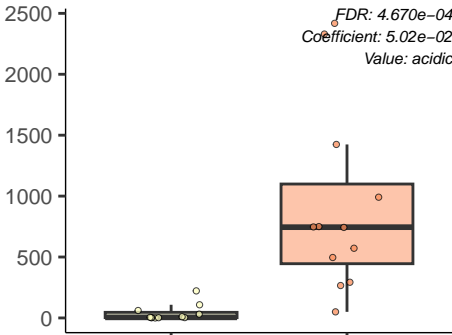
Leucosporidium

neutral (n=11)

acidic (n=12)

pH

FDR: $4.670e-04$
Coefficient: $5.02e-02$
Value: acidic



Humicolopsis

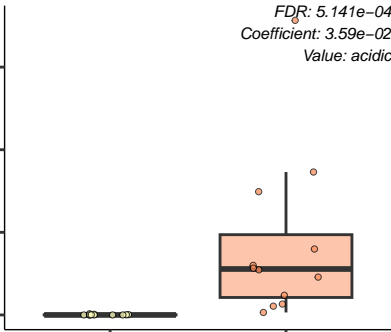
FDR: 5.141e-04
Coefficient: 3.59e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

1500
1000
500
0



Leptobacillum

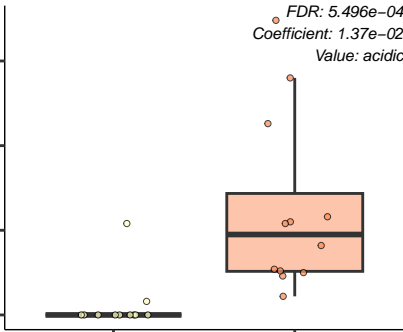
FDR: 5.496e-04
Coefficient: 1.37e-02
Value: acidic

150
100
50
0

neutral (n=11)

acidic (n=12)

pH



Pochochia

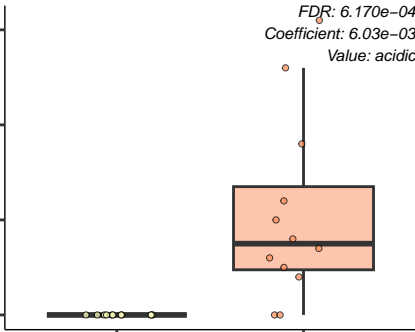
30
20
10
0

neutral (n=11)

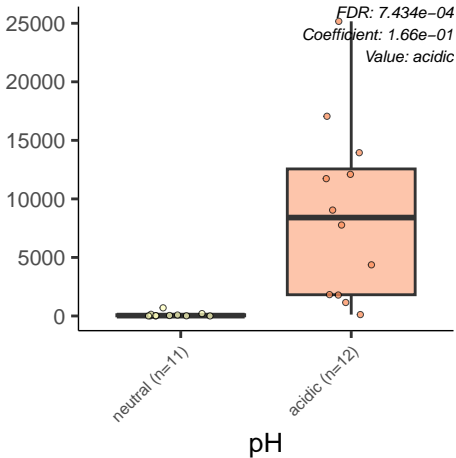
acidic (n=12)

pH

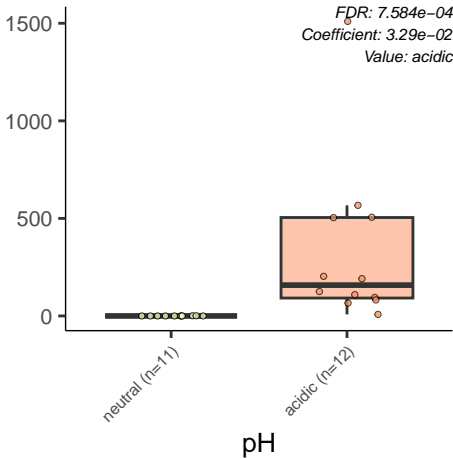
FDR: 6.170e-04
Coefficient: 6.03e-03
Value: acidic

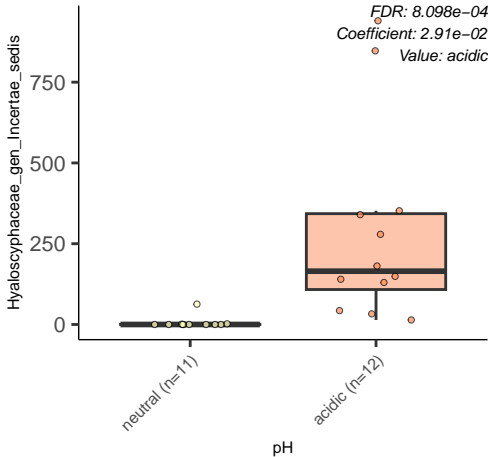


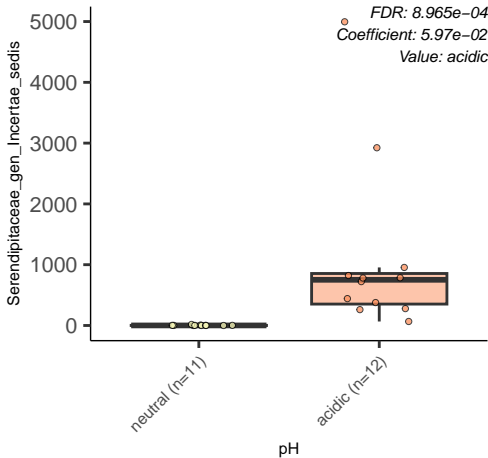
Pezoloma



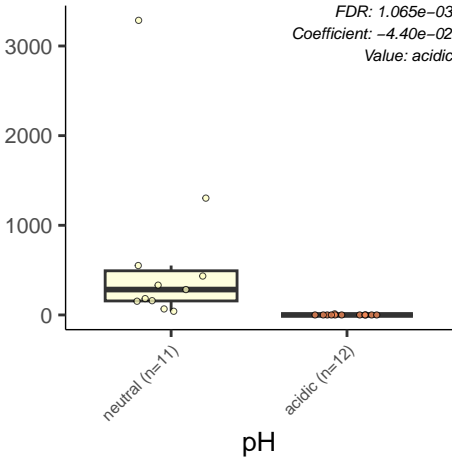
Hyphodiscus







Value: acidic



Cenococcum

3000

2000

1000

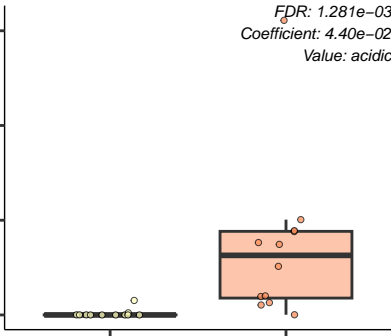
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.281e-03
Coefficient: 4.40e-02
Value: acidic



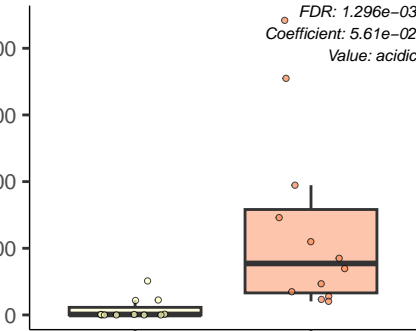
Phialocephala

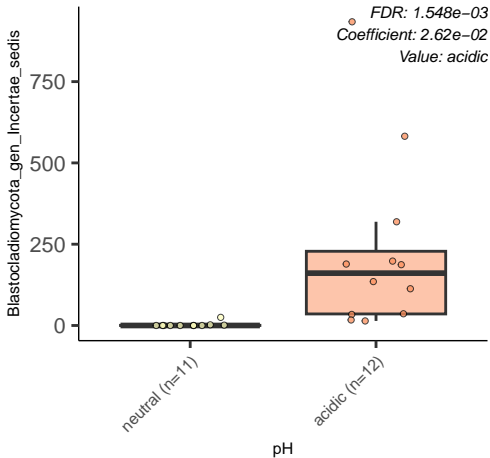
FDR: 1.296e-03
Coefficient: 5.61e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Value: acidic

acidic ($n=12$)

pH

GS04_gen_Incertae_sedis

100

50

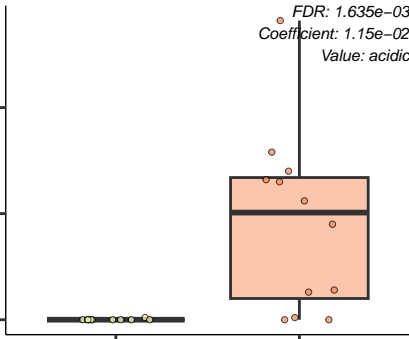
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.635e-03
Coefficient: 1.15e-02
Value: acidic



GS15_gen_Incertae_sedis

FDR: 1.700e-03
Coefficient: 1.63e-02
Value: acidic

300

200

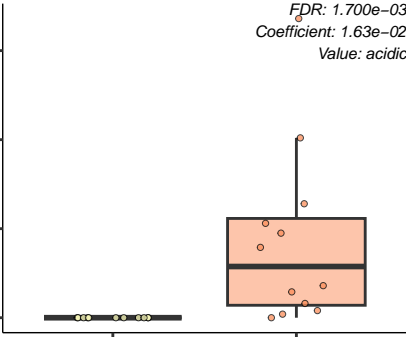
100

0

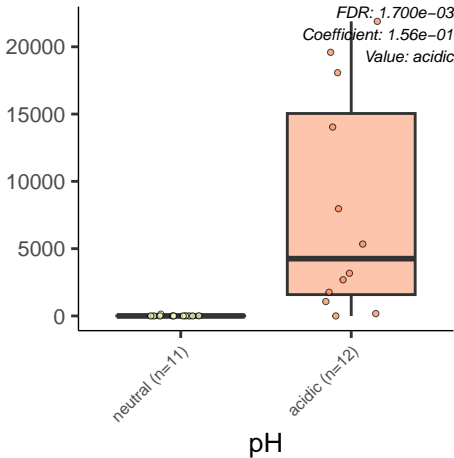
neutral (n=11)

acidic (n=12)

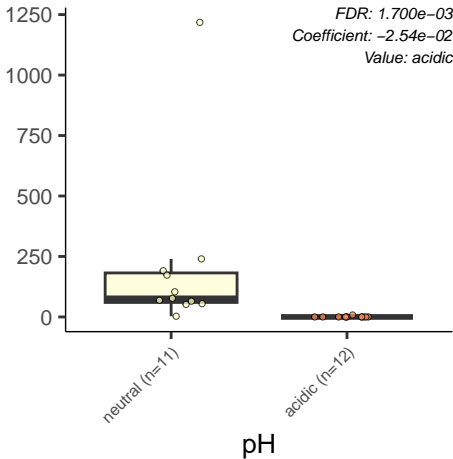
pH

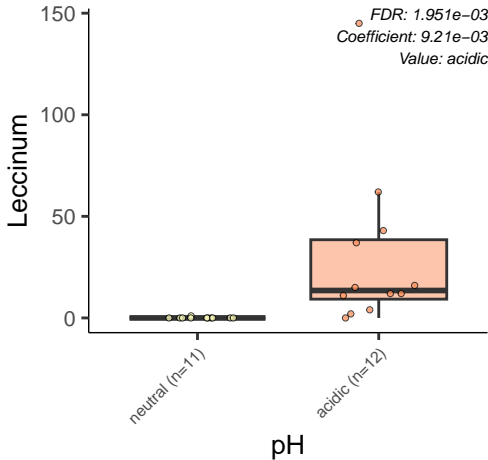


Sclerococcum



Truncatella





Pseudocoleophoma

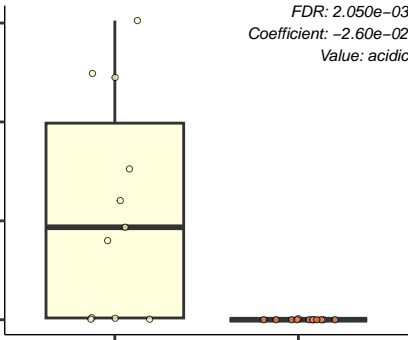
600
400
200
0

neutral (n=11)

acidic (n=12)

pH

FDR: 2.050e-03
Coefficient: -2.60e-02
Value: acidic



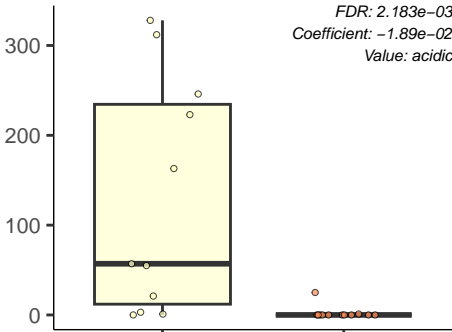
Cosmospora

neutral (n=11)

acidic (n=12)

pH

FDR: 2.183e-03
Coefficient: -1.89e-02
Value: acidic



Galerina

FDR: 2.435e-03
Coefficient: 1.33e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

200

150

100

50

0

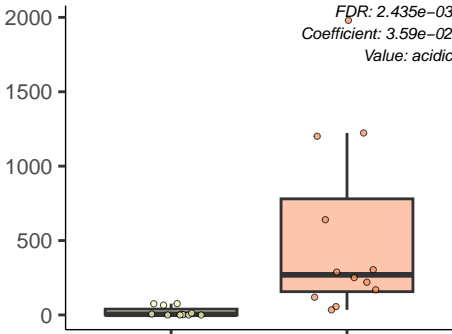
Mycena

neutral (n=11)

acidic (n=12)

pH

FDR: 2.435e-03
Coefficient: 3.59e-02
Value: acidic



Cephalothecaceae_gen_Incertae_sedis

FDR: 3.432e-03
Coefficient: 7.08e-02
Value: acidic

7500

5000

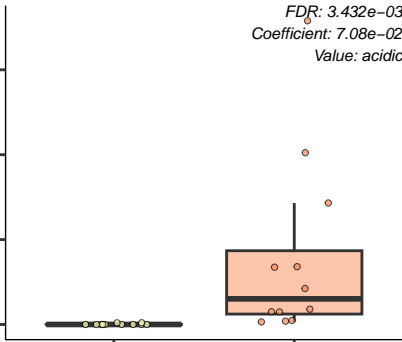
2500

0

neutral (n=11)

acidic (n=12)

pH



Tricelophorus

FDR: 3.553e-03

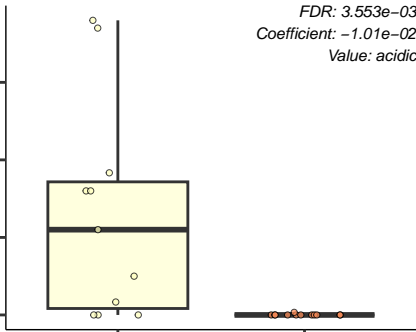
Coefficient: -1.01e-02

Value: acidic

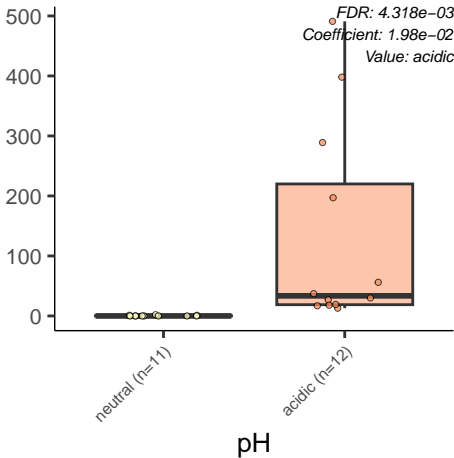
neutral (n=11)

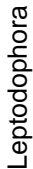
acidic (n=12)

pH



Cyathicula





FDR: 4.540e-03

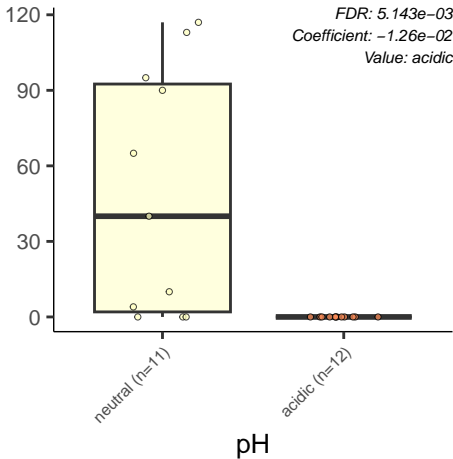
Coefficient: $-4.73e-02$

Value: acidic



pH

Verrucococcum



Sclerostagonospora

FDR: 5.774e-03

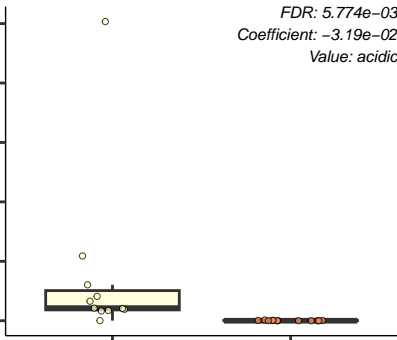
Coefficient: -3.19e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



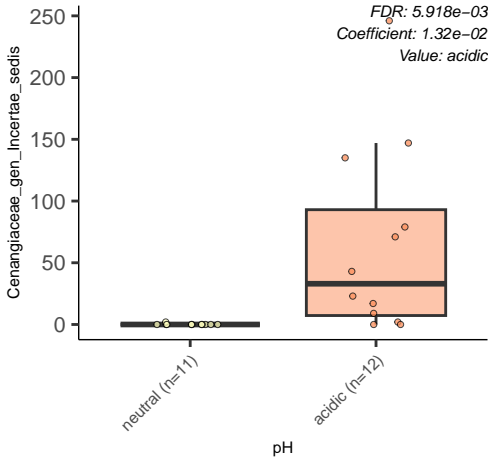
Cenangiaceae_gen_Incertae_sedis

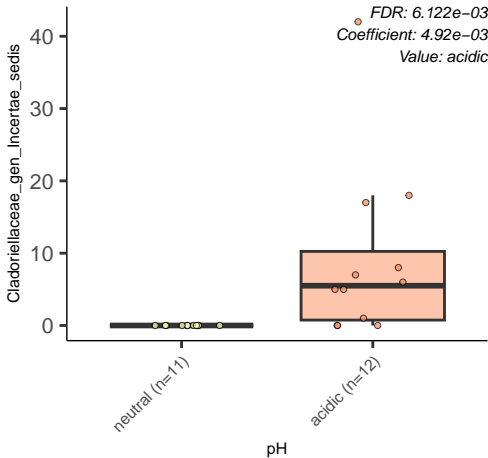
FDR: 5.918e-03
Coefficient: 1.32e-02
Value: acidic

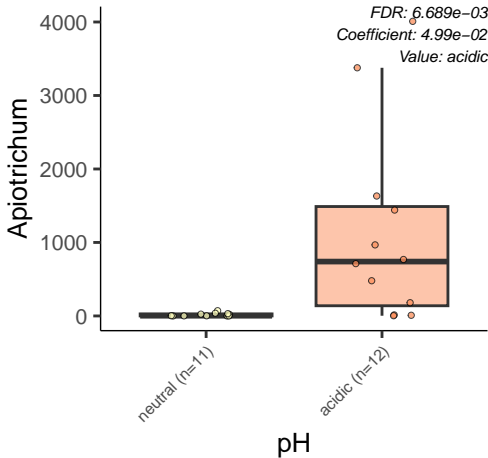
neutral (n=11)

acidic (n=12)

pH







Dothiora

FDR: 6.689e-03
Coefficient: 3.41e-03
Value: acidic

20

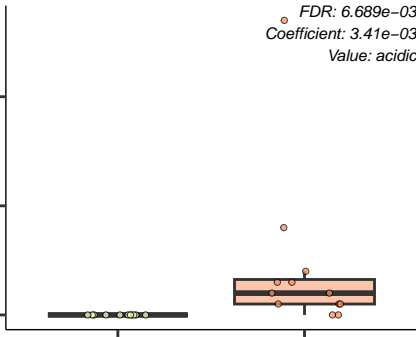
10

0

neutral (n=11)

acidic (n=12)

pH



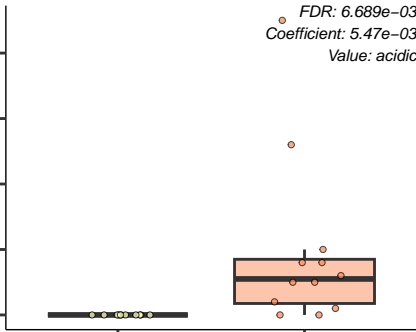
Pseudohyphozyma

FDR: 6.689e-03
Coefficient: 5.47e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Nothodactylaria

FDR: 6.774e-03

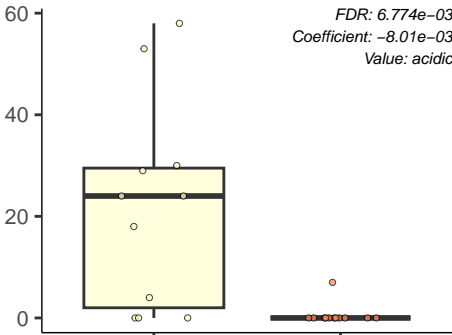
Coefficient: -8.01e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Chytridiales_gen_Incertae_sedis

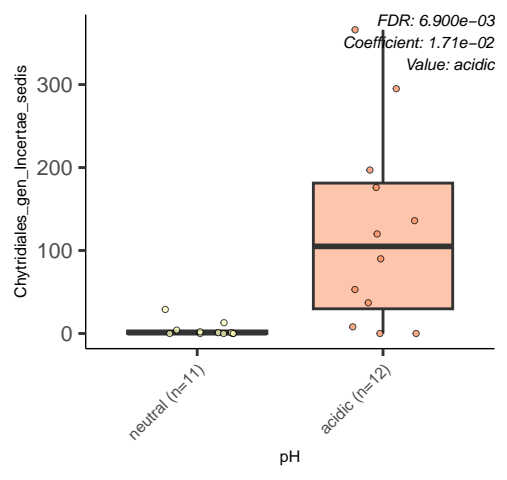
FDR: 6.900e-03
Coefficient: 1.71e-02
Value: acidic

300
200
100
0

neutral (n=11)

acidic (n=12)

pH



Hymenochaetales_gen_Incertae_sedis

600

400

200

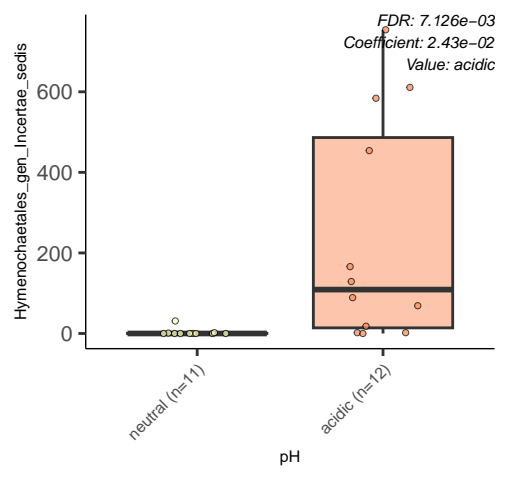
0

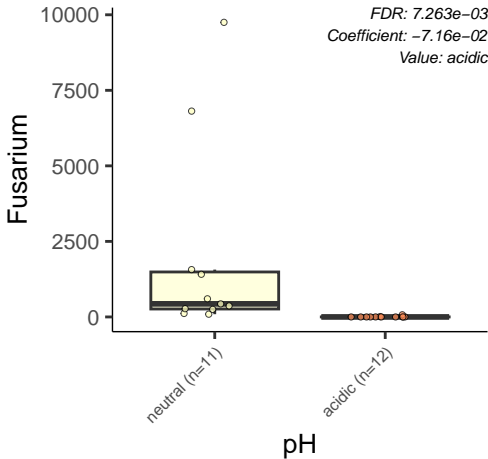
neutral (n=11)

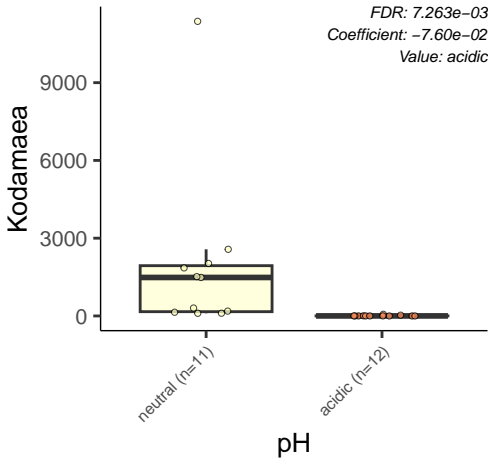
acidic (n=12)

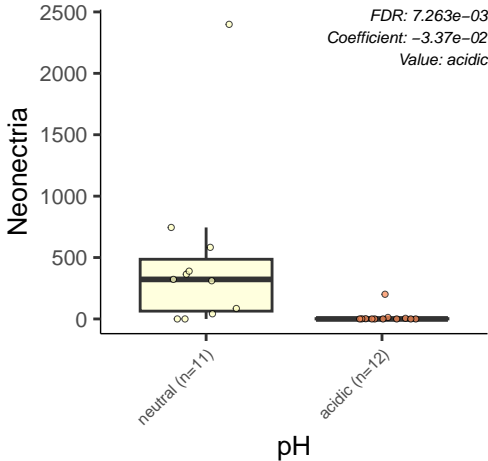
pH

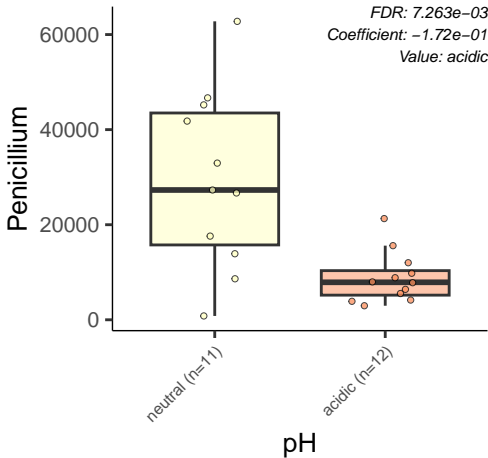
FDR: 7.126e-03
Coefficient: 2.43e-02
Value: acidic

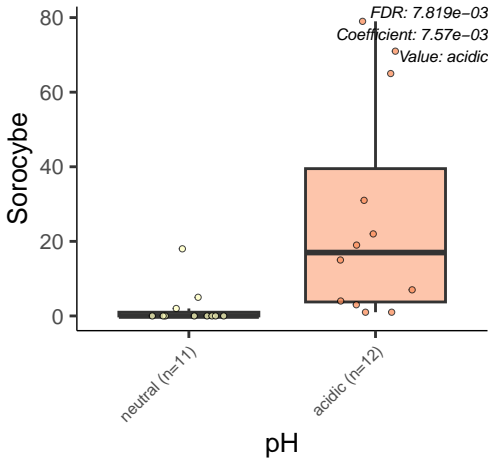












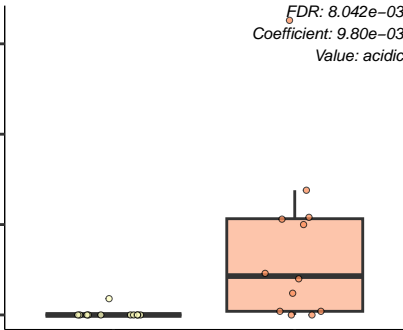
Scleropezicula

FDR: $8.042e-03$
Coefficient: $9.80e-03$
Value: acidic

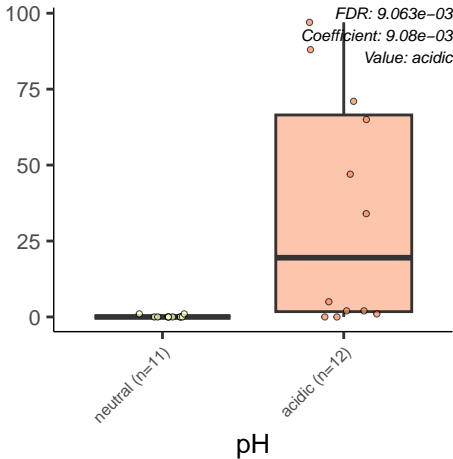
neutral (n=11)

acidic (n=12)

pH



Babjeviella



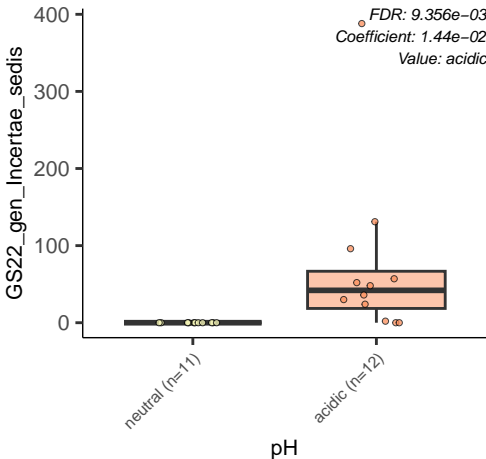
GS22_gen_Incertae_sedis

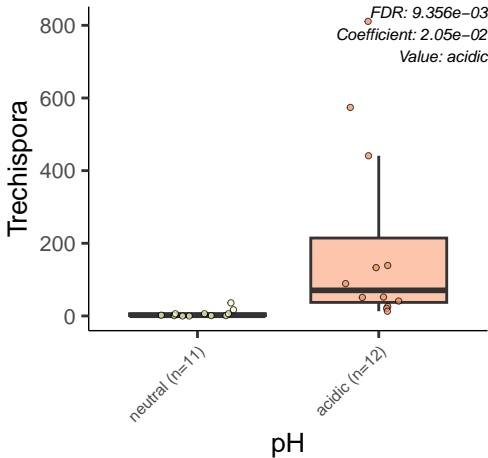
FDR: 9.356e-03
Coefficient: 1.44e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Cladophialophora

FDR: 9.937e-03

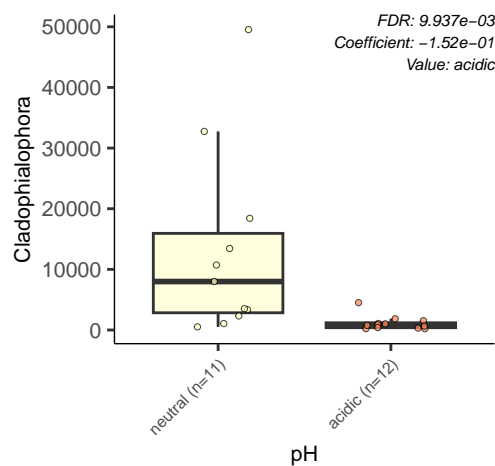
Coefficient: -1.52e-01

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Ceratellopsis

FDR: 1.163e-02

Coefficient: -1.14e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH

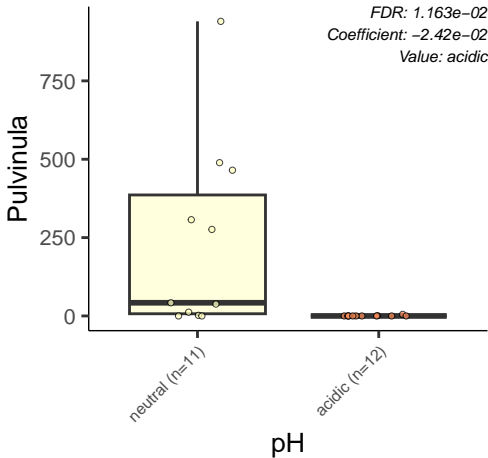
200

150

100

50

0



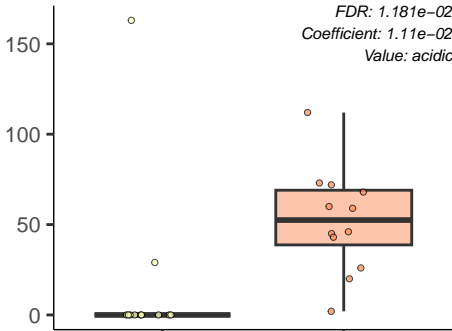
Tremella

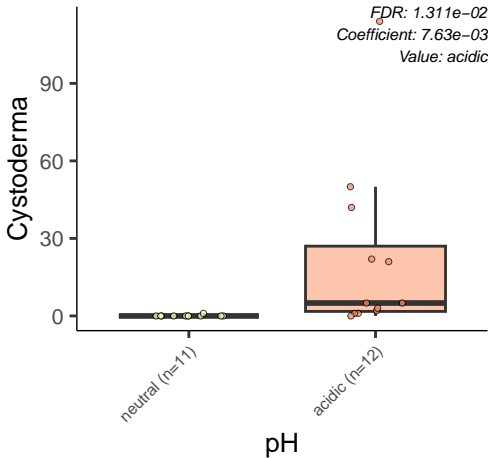
FDR: 1.181e-02
Coefficient: 1.11e-02
Value: acidic

neutral (n=11)

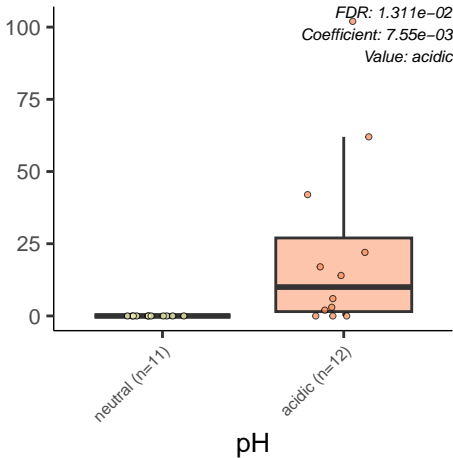
acidic (n=12)

pH





Fayodia



Vestigium

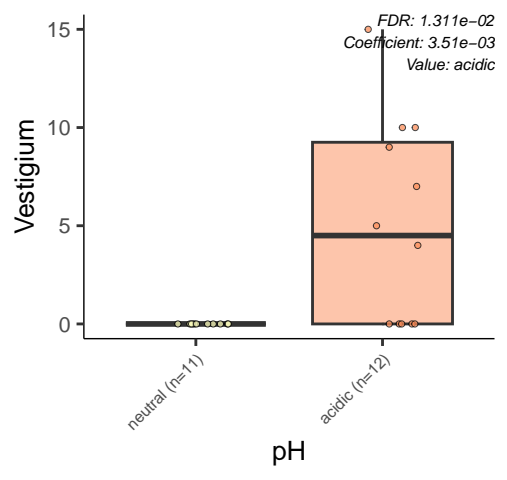
15
10
5
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.311e-02
Coefficient: 3.51e-03
Value: acidic



Flagellospora

FDR: 1.320e-02
Coefficient: 1.29e-02
Value: acidic

200

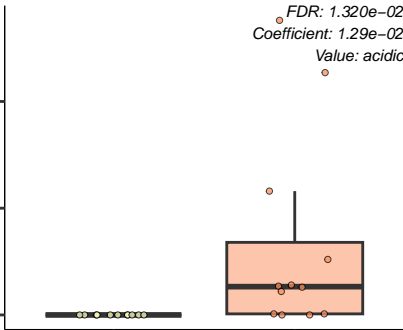
100

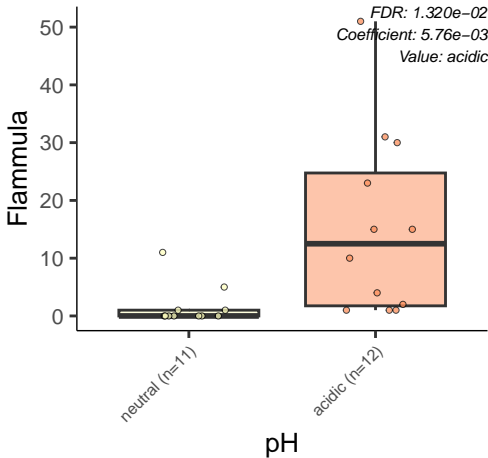
0

neutral (n=11)

acidic (n=12)

pH





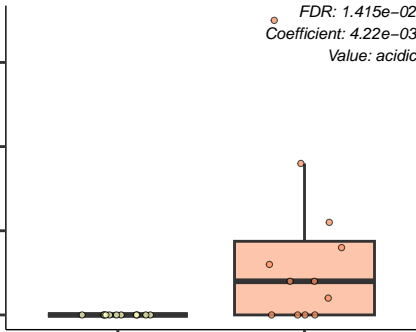
Gymnopilus

FDR: $1.415e-02$
Coefficient: $4.22e-03$
Value: acidic

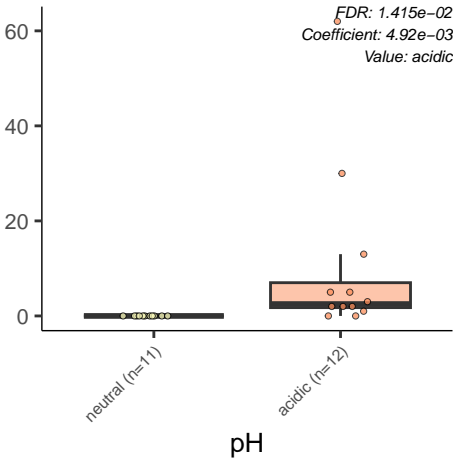
neutral (n=11)

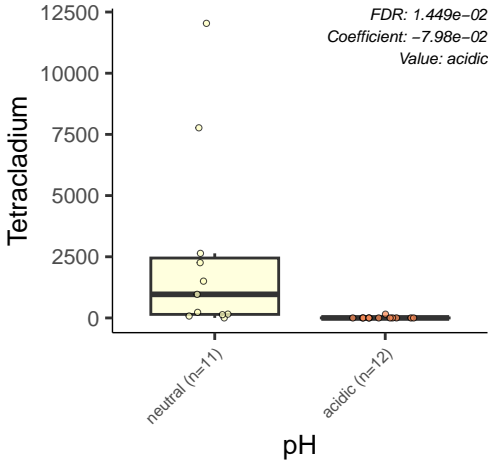
acidic (n=12)

pH



Rhizosphaera



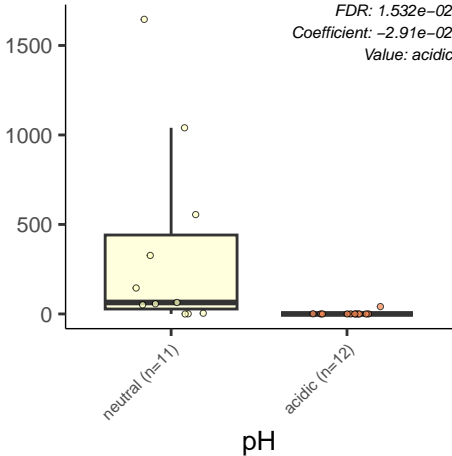


Value: acidic

acidic ($n=12$)

pH

Value: acidic



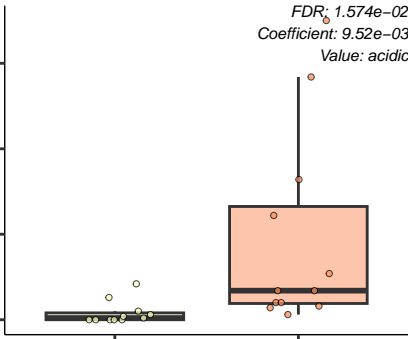
Pseudogymnoascus

FDR: 1.574e-02
Coefficient: 9.52e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Diademospora

1000

500

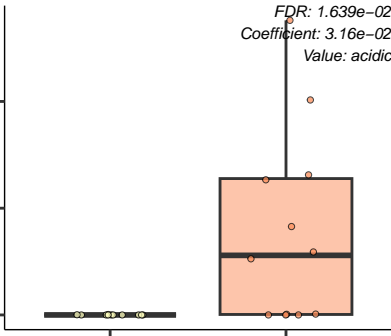
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.639e-02
Coefficient: 3.16e-02
Value: acidic



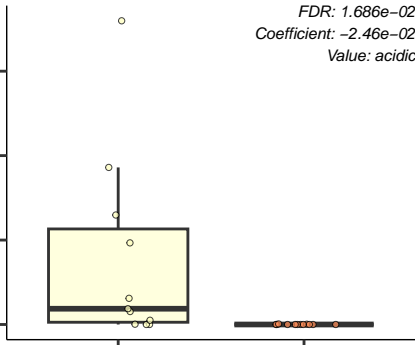
Bionectriaceae_gen_Incertae_sedis

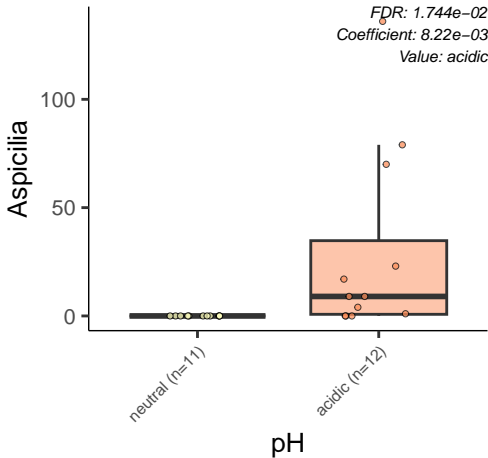
FDR: 1.686e-02
Coefficient: -2.46e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Plectosphaerella

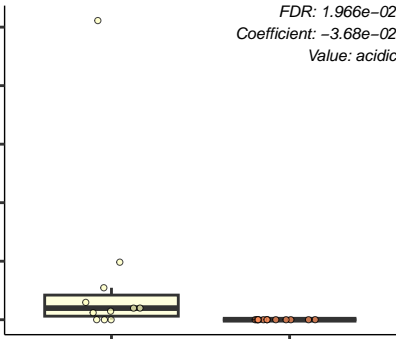
5000
4000
3000
2000
1000
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.966e-02
Coefficient: -3.68e-02
Value: acidic



Ceratobasidium

FDR: 1.994e-02

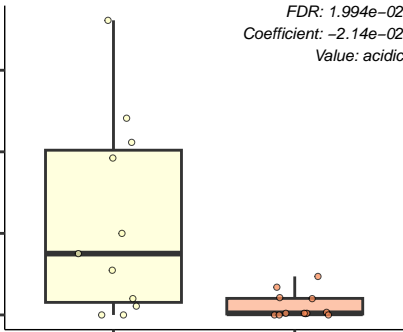
Coefficient: -2.14e-02

Value: acidic

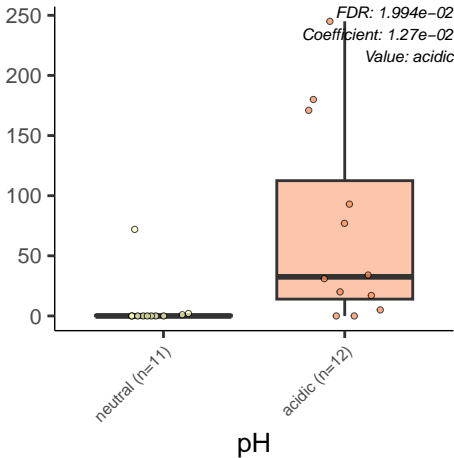
neutral (n=11)

acidic (n=12)

pH



Genolevuria



Krasilnikovozyma

FDR: $1.994e-02$
Coefficient: $4.09e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

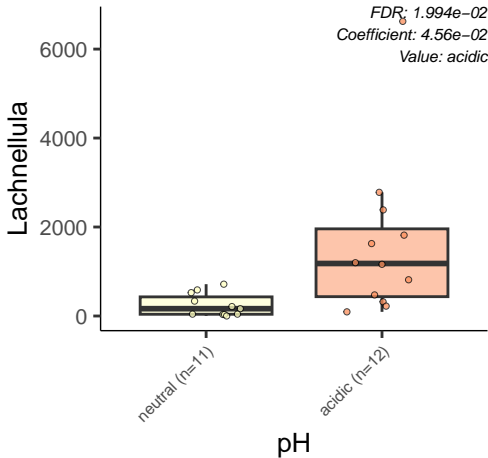
pH

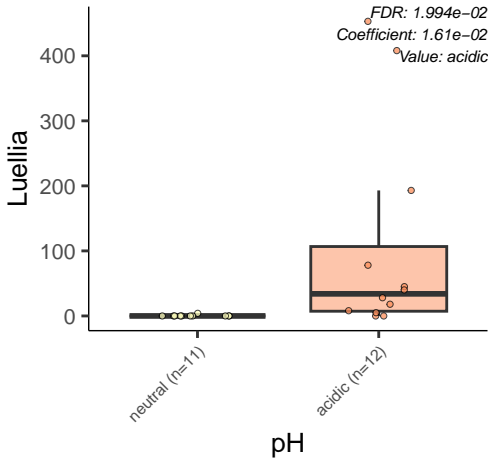
30

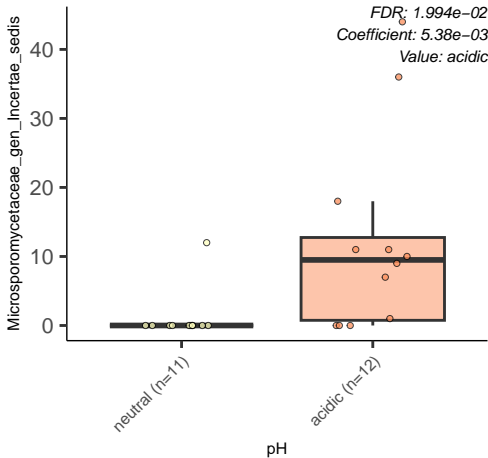
20

10

0







Phomatospora

FDR: 1.994e-02

Coefficient: -1.90e-02

Value: acidic

900

600

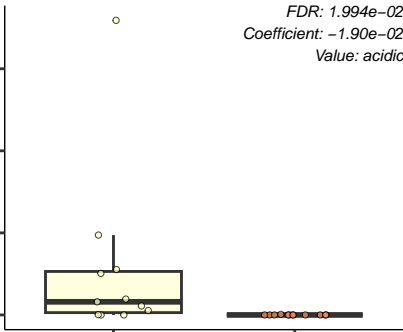
300

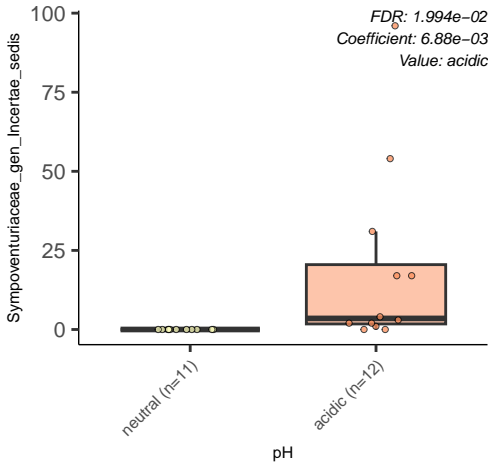
0

neutral (n=11)

acidic (n=12)

pH





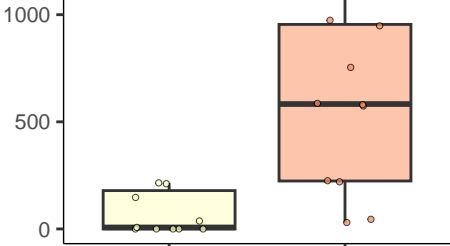
Syzygospora

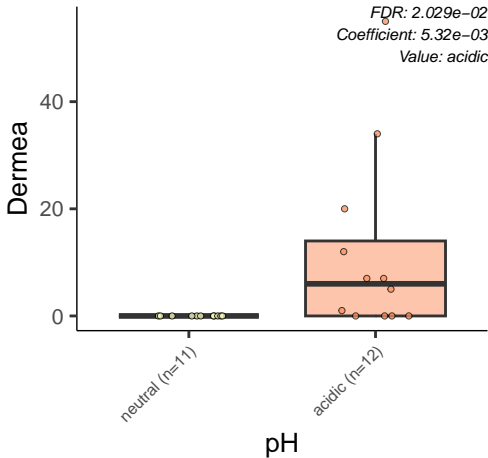
neutral (n=11)

acidic (n=12)

pH

FDR: 1.994e-02
Coefficient: 3.23e-02
Value: acidic





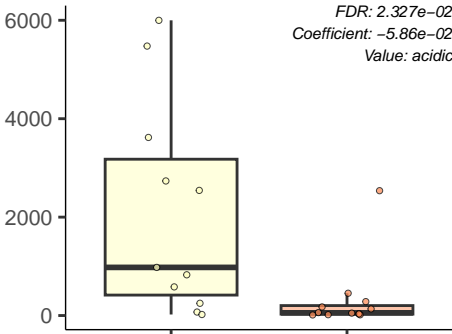
Rhizopogon

FDR: 2.327e-02
Coefficient: -5.86e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Tolypocladium

FDR: 2.433e-02
Coefficient: 3.15e-02
Value: acidic

neutral (n=11)

acidic (n=12)

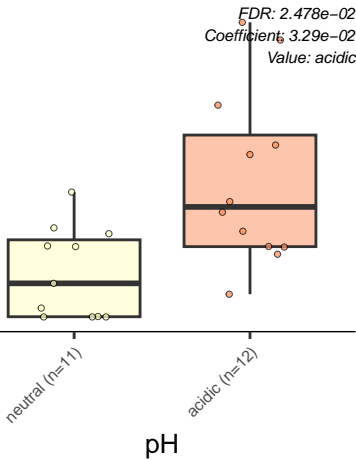
pH

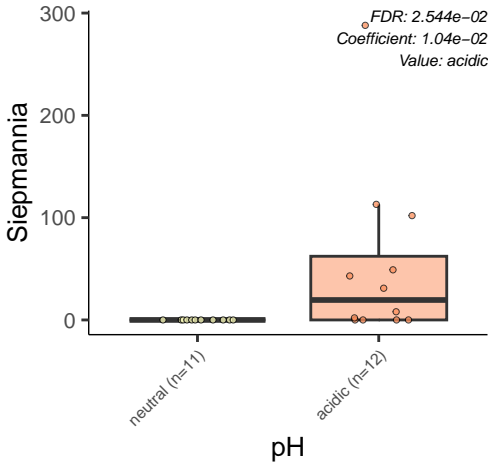
2000

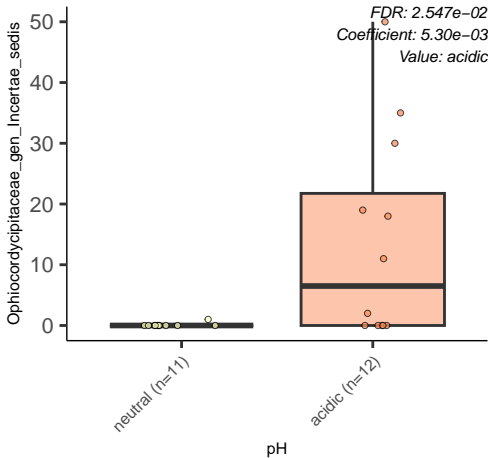
1000

0

Babjevia







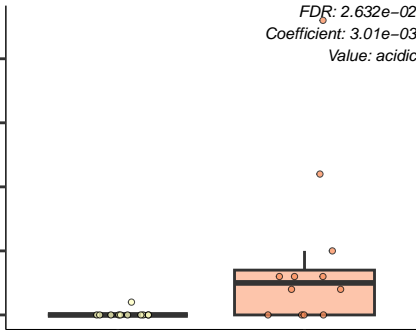
Yamadamyces

FDR: 2.632e-02
Coefficient: 3.01e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Dictyolus

FDR: 2.667e-02
Coefficient: 3.11e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

15

10

5

0

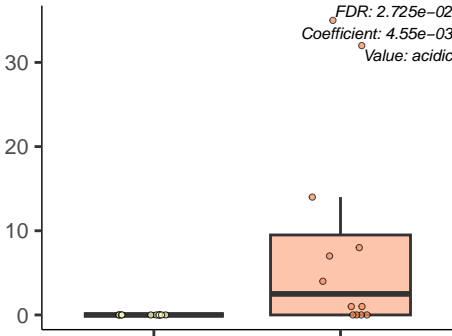
Hirsutella

FDR: 2.725e-02
Coefficient: 4.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



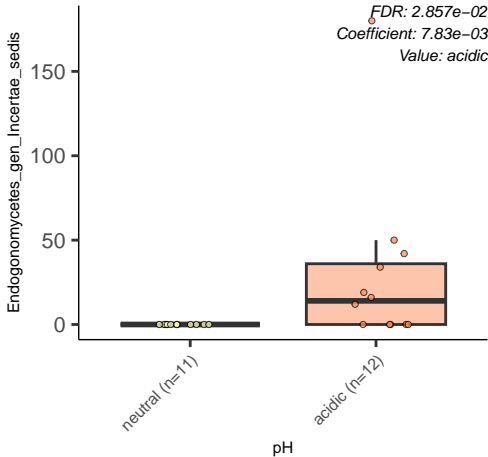
Endogonomycetes_gen_Incertae_sedis

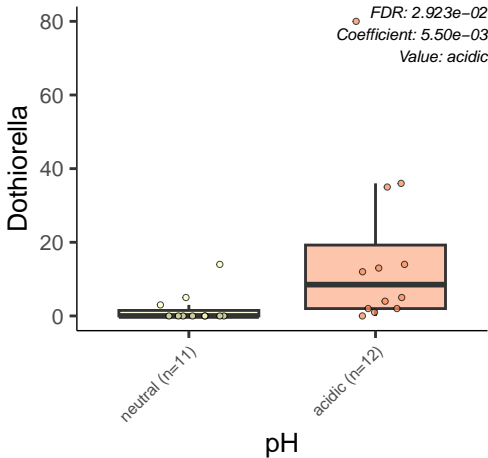
FDR: 2.857e-02
Coefficient: 7.83e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



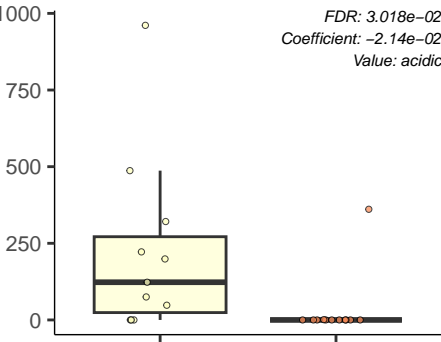




FDR: 3.018e-02

Coefficient: $-2.14e-02$

Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Lecythophora

FDR: 3.024e-02

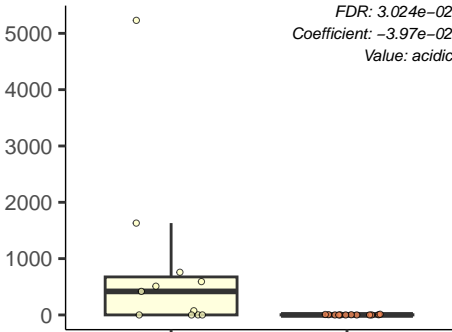
Coefficient: -3.97e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



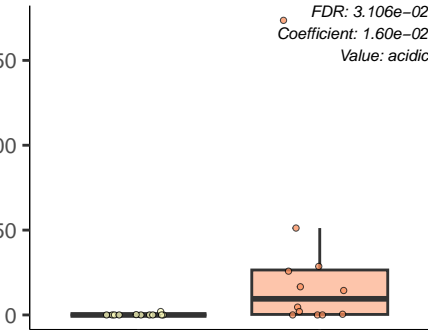
Chaetosphaeria

FDR: $3.106e-02$
Coefficient: $1.60e-02$
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Oidiodendron

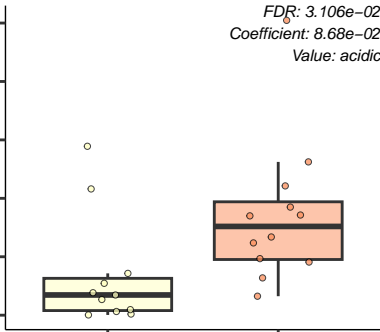
25000
20000
15000
10000
5000
0

FDR: 3.106e-02
Coefficient: 8.68e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



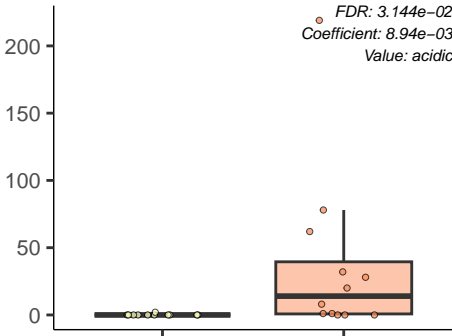
Rhodotorula

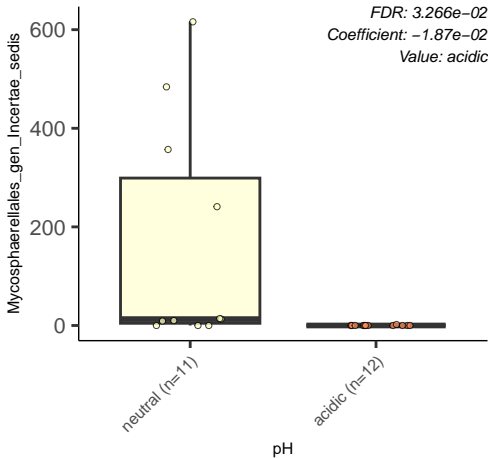
FDR: 3.144e-02
Coefficient: 8.94e-03
Value: acidic

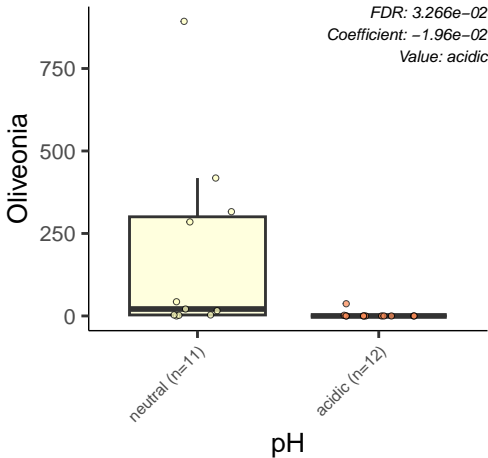
neutral (n=11)

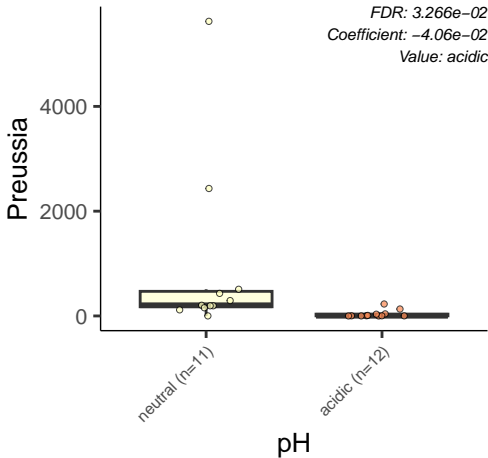
acidic (n=12)

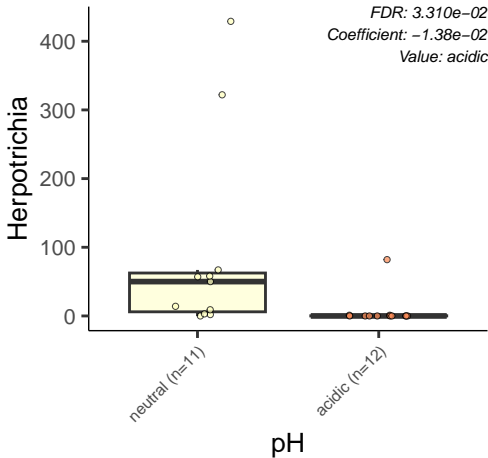
pH

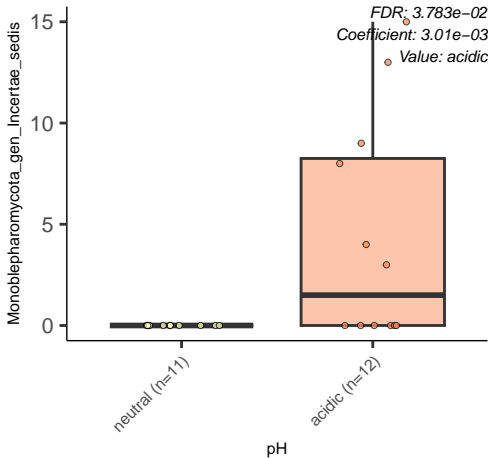












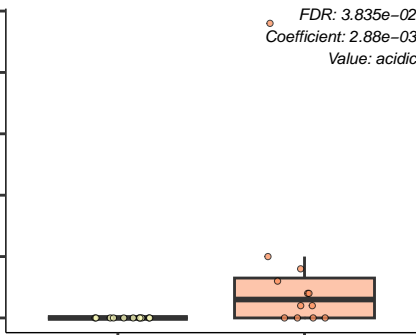
Aphanocladium

FDR: 3.835e-02
Coefficient: 2.88e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



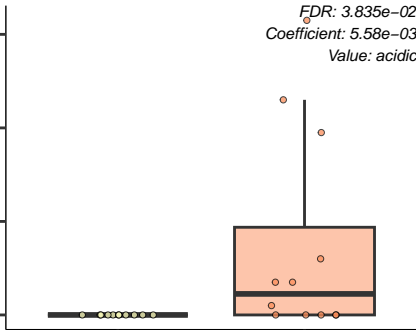
Micarea

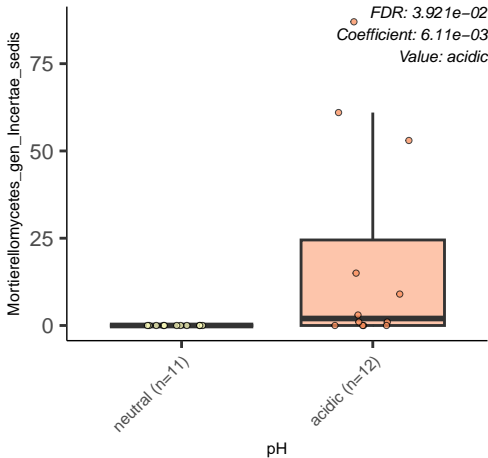
FDR: 3.835e-02
Coefficient: 5.58e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Rhizophagus

100

50

0

neutral (n=11)

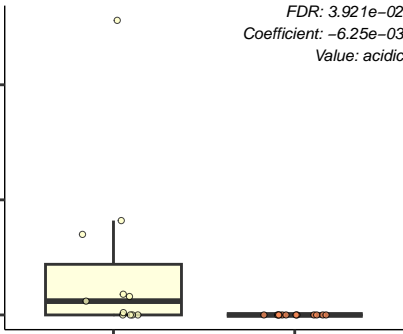
acidic (n=12)

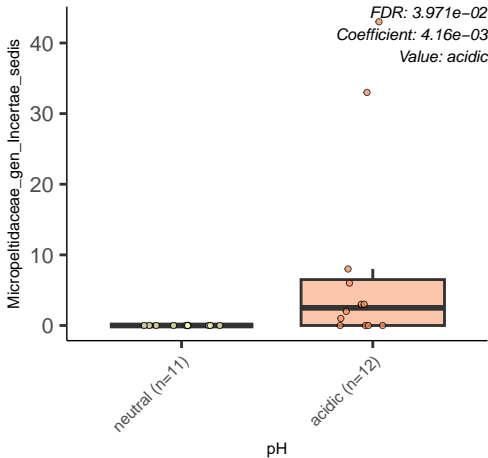
pH

FDR: 3.921e-02

Coefficient: -6.25e-03

Value: acidic





Glutinomyces

FDR: 4.011e-02
Coefficient: 3.48e-02
Value: acidic

neutral (n=11)

acidic (n=12)

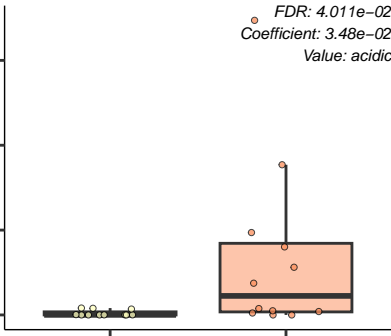
pH

3000

2000

1000

0



Branch01_gen_Incertae_sedis

FDR: 4.027e-02
Coefficient: 3.14e-02
Value: acidic

2000

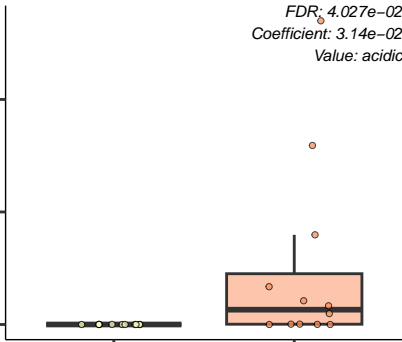
1000

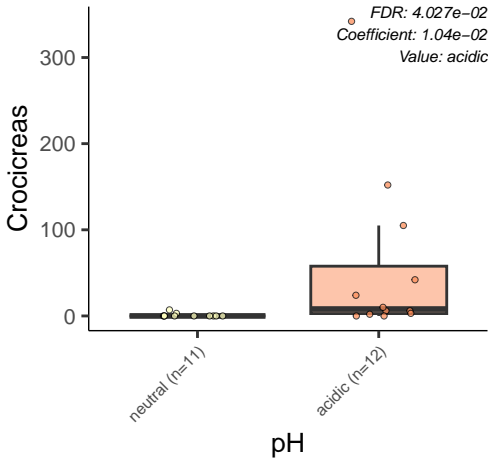
0

neutral (n=11)

acidic (n=12)

pH





Kurtzmaniella

300

200

100

0

neutral (n=11)

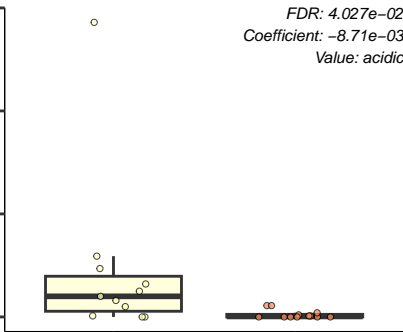
acidic (n=12)

pH

FDR: 4.027e-02

Coefficient: -8.71e-03

Value: acidic



Kurtzmanomyces

FDR: $4.027e-02$

Coefficient: $-2.17e-02$

Value: acidic

1000

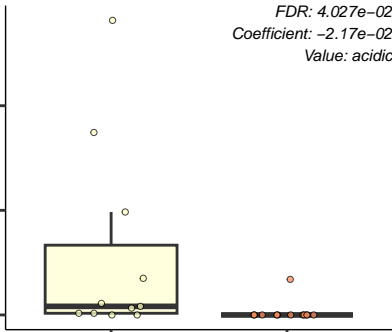
500

0

neutral (n=11)

acidic (n=12)

pH



Pseudoplectania

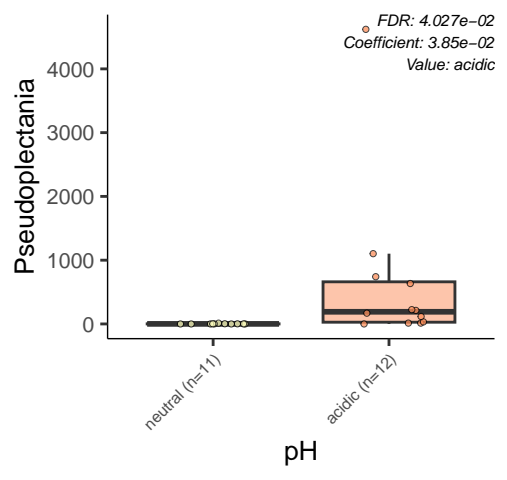
FDR: 4.027e-02
Coefficient: 3.85e-02
Value: acidic

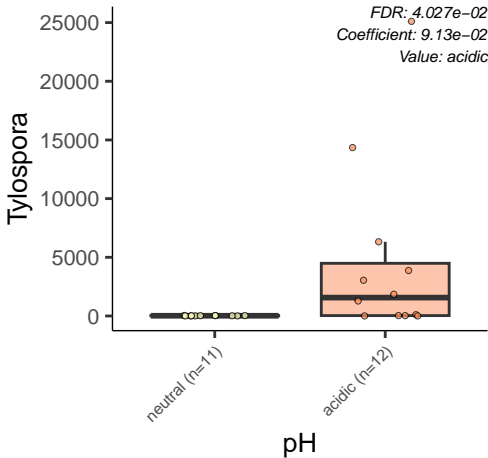
neutral (n=11)

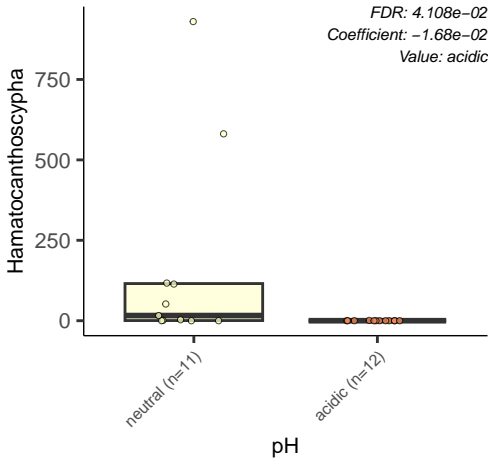
acidic (n=12)

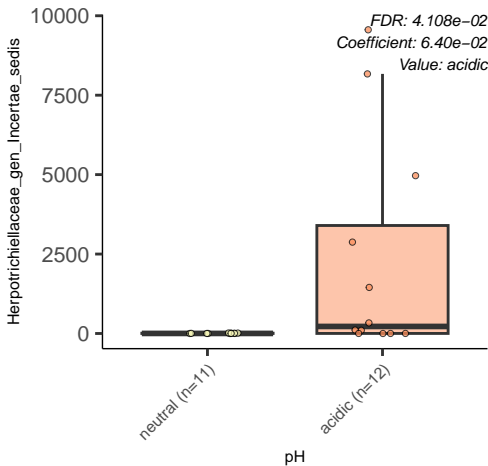
pH

4000
3000
2000
1000
0









Achroeratosphaeria

FDR: 4.132e-02

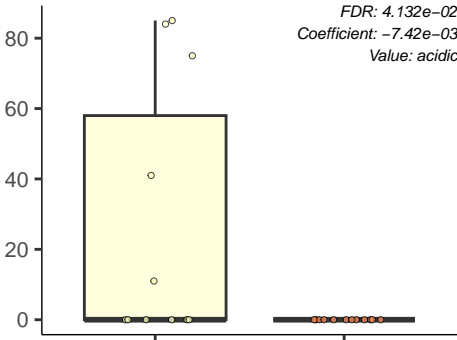
Coefficient: -7.42e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



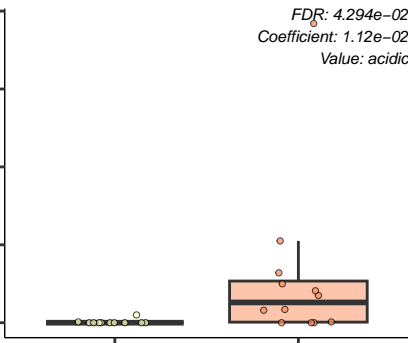
Synnemapestaloides

FDR: 4.294e-02
Coefficient: 1.12e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Cladosporium

FDR: 4.299e-02

Coefficient: -8.38e-02

Value: acidic

15000

10000

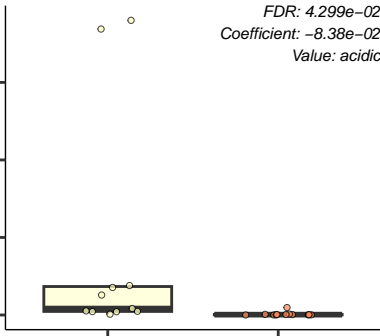
5000

0

neutral (n=11)

acidic (n=12)

pH



Endogonales_gen_Incertae_sedis

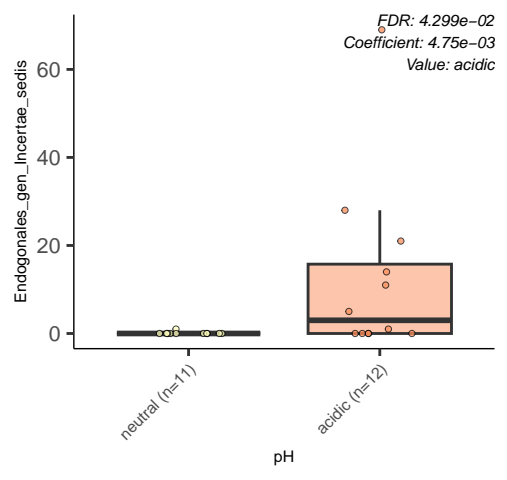
FDR: 4.299e-02
Coefficient: 4.75e-03
Value: acidic

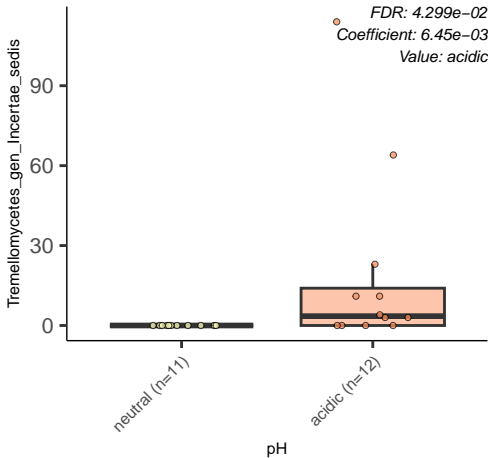
60
40
20
0

neutral (n=11)

acidic (n=12)

pH





Phaeotremella

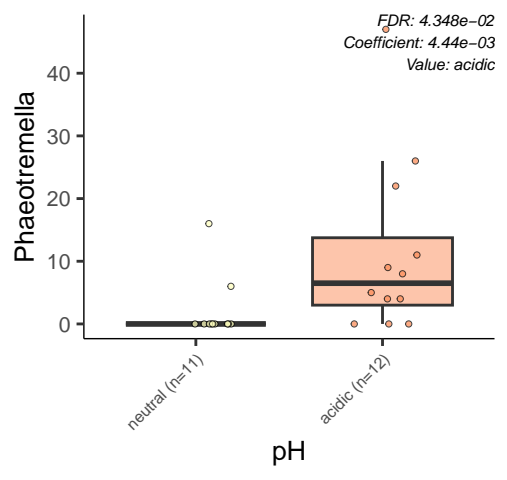
FDR: $4.348e-02$
Coefficient: $4.44e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH

40
30
20
10
0



Haplographium

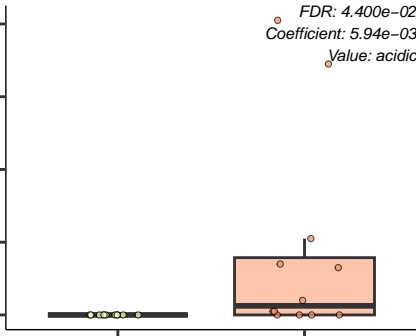
80
60
40
20
0

FDR: 4.400e-02
Coefficient: 5.94e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Cryptococcus

FDR: 4.476e-02

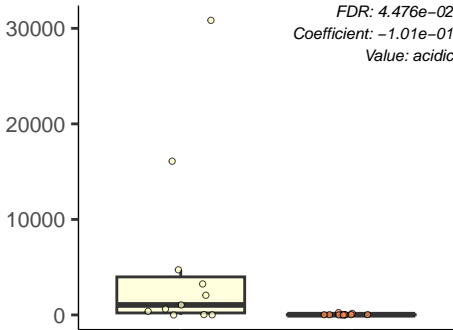
Coefficient: -1.01e-01

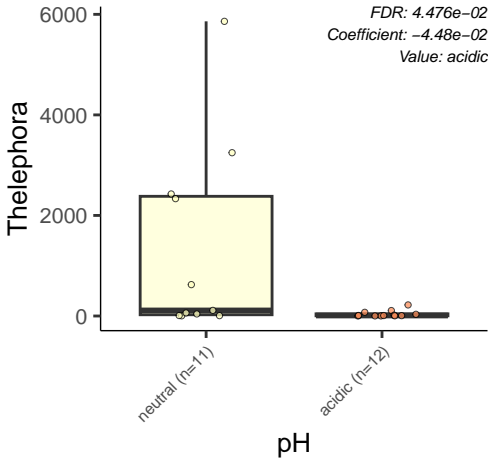
Value: acidic

neutral (n=11)

acidic (n=12)

pH

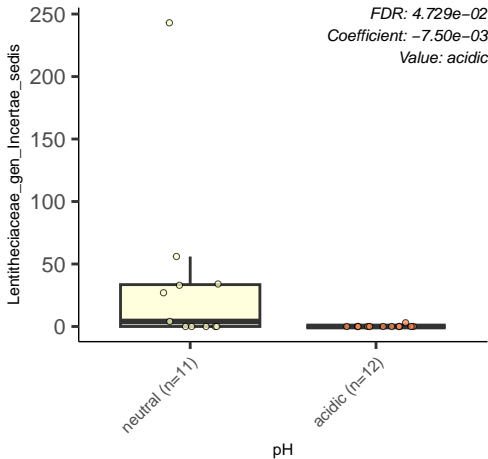




Value: acidic

acidic ($n=12$)

pH



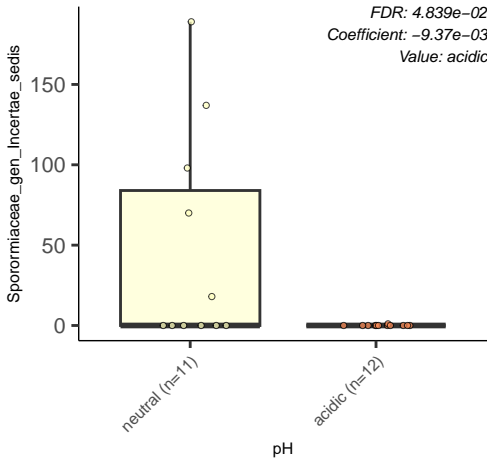
Sporormiaceae_gen_Incertae_sedis

FDR: 4.839e-02
Coefficient: -9.37e-03
Value: acidic

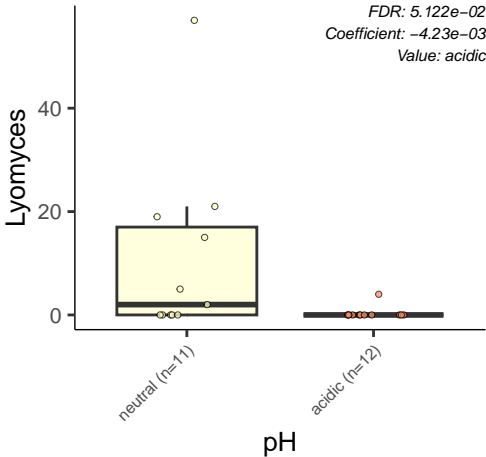
neutral (n=11)

acidic (n=12)

pH



Value: acidic



Ochroconis

FDR: 5.174e-02

Coefficient: -1.85e-02

Value: acidic

1000

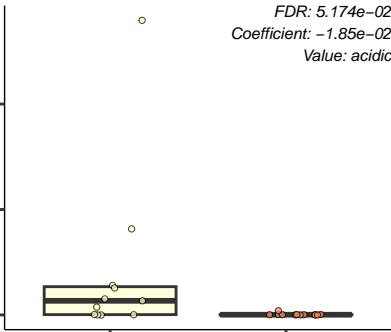
500

0

neutral (n=11)

acidic (n=12)

pH



Chaetospermum

FDR: 5.244e-02

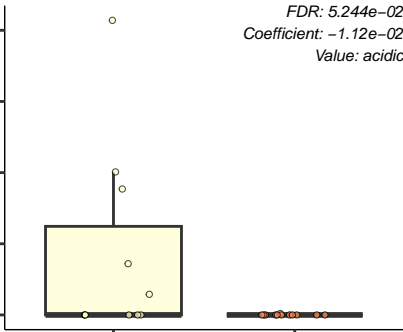
Coefficient: -1.12e-02

Value: acidic

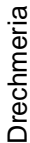
neutral (n=11)

acidic (n=12)

pH



Value: acidic



40 -

20 -

0 -

neutral (n=11)

acidic ($n=12$)

pH

Microdochium

FDR: 5.263e-02

Coefficient: -2.74e-02

Value: acidic

2000

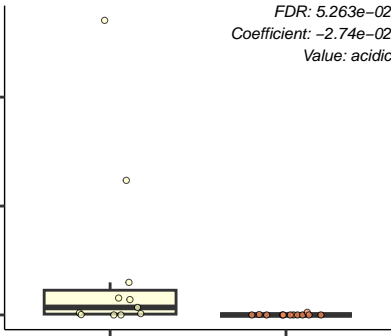
1000

0

neutral (n=11)

acidic (n=12)

pH



Tympanidaceae_gen_Incertae_sedis

FDR: 5.263e-02
Coefficient: 3.37e-02
Value: acidic

2000

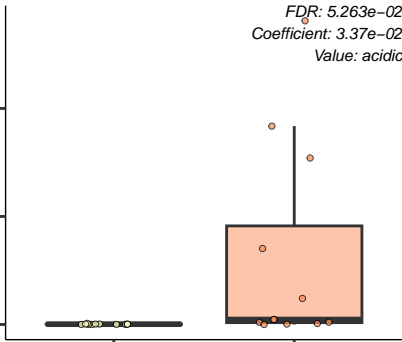
1000

0

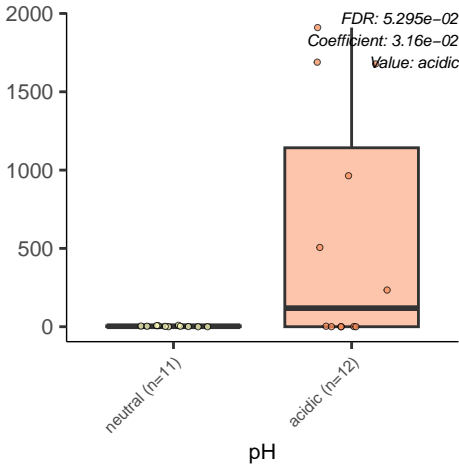
neutral (n=11)

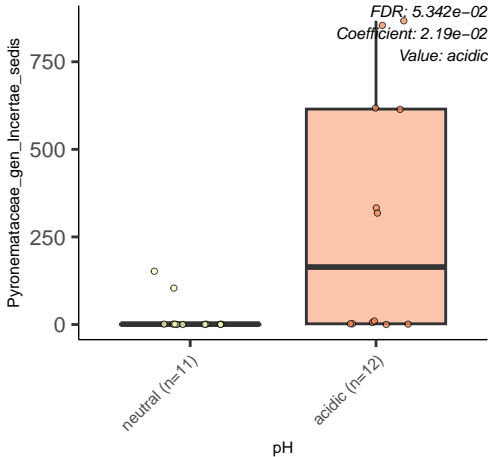
acidic (n=12)

pH



GS12_gen_Incertae_sedis





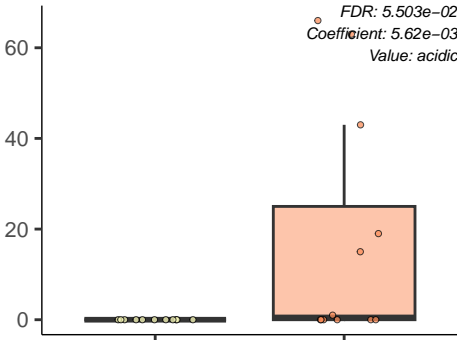
Ballistosporomyces

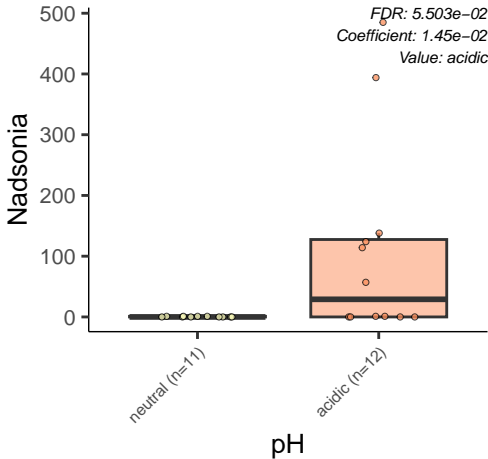
neutral (n=11)

acidic (n=12)

pH

FDR: $5.503e-02$
Coefficient: $5.62e-03$
Value: acidic





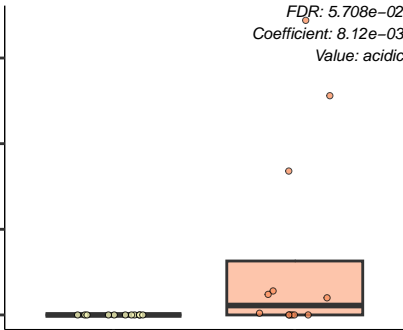
Coccomyces

FDR: 5.708e-02
Coefficient: 8.12e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Myriosclerotinia

6

4

2

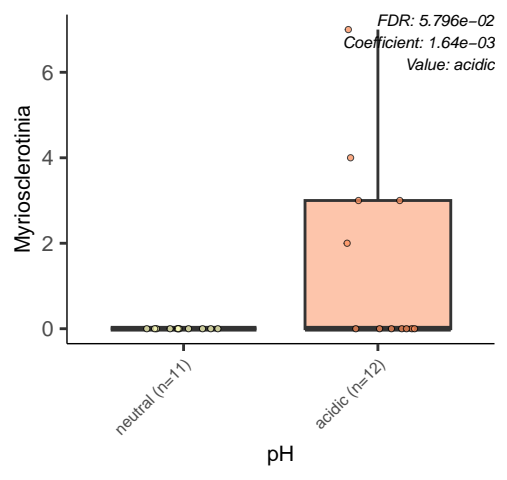
0

neutral (n=11)

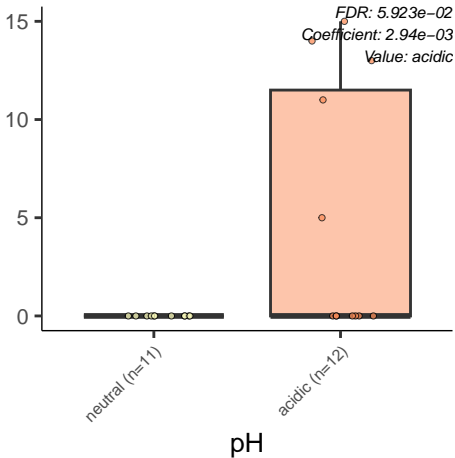
acidic (n=12)

pH

FDR: 5.796e-02
Coefficient: 1.64e-03
Value: acidic



Calycellina



Hypocreales_gen_Incertae_sedis

FDR: 6.006e-02
Coefficient: 9.02e-03
Value: acidic

200

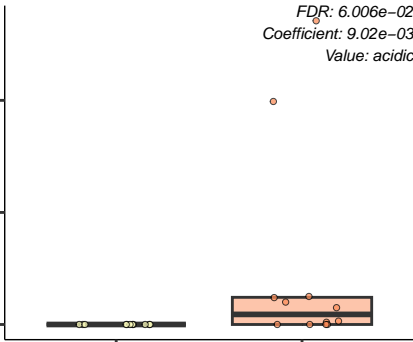
100

0

neutral (n=11)

acidic (n=12)

pH



Xenopolyscytalum

neutral (n=11)

acidic (n=12)

pH

FDR: 6.037e-02
Coefficient: -1.55e-02
Value: acidic

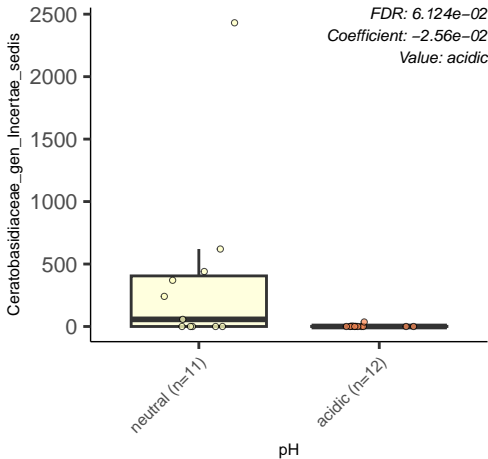
400

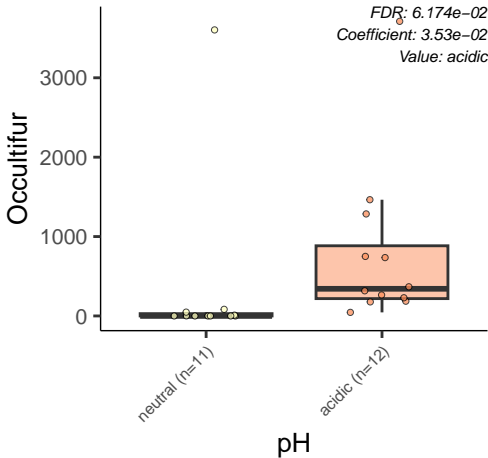
300

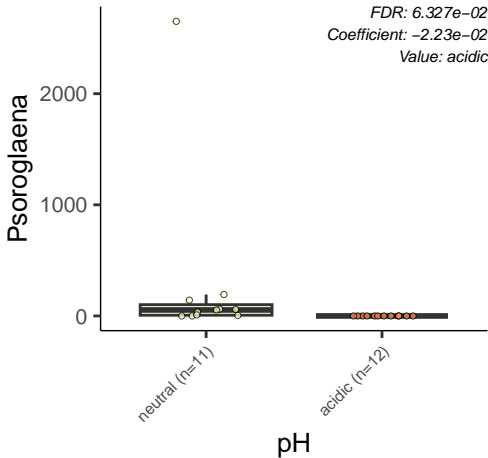
200

100

0







Value: acidic

acidic ($n=12$)

pH

Auriculariales_gen_Incertae_sedis

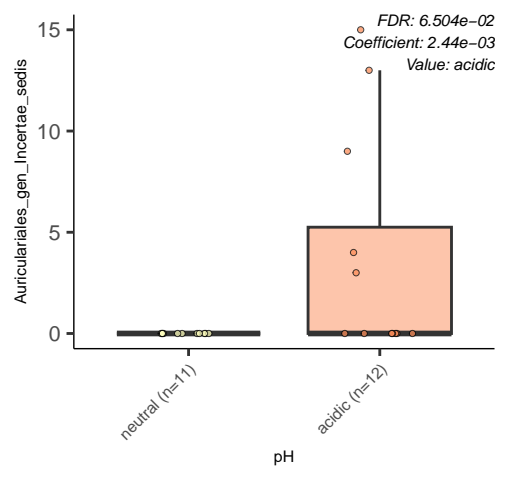
15
10
5
0

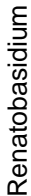
neutral (n=11)

acidic (n=12)

pH

FDR: $6.504e-02$
Coefficient: $2.44e-03$
Value: acidic





FDR: 6.820e-02

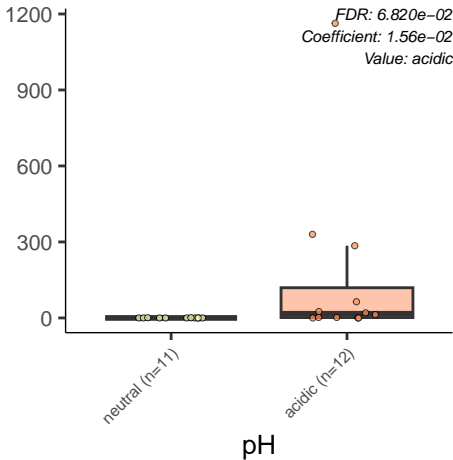
Coefficient: $5.76e-03$

Value: acidic



pH

Ceraceomyces



Venturia

600

400

200

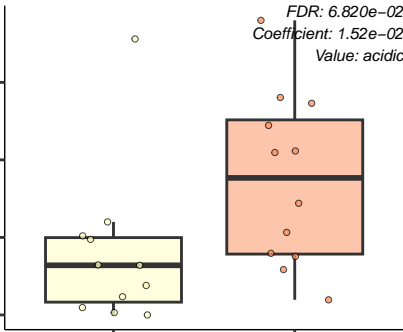
0

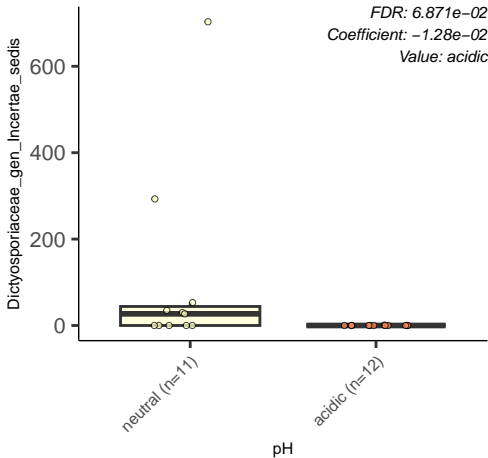
neutral (n=11)

acidic (n=12)

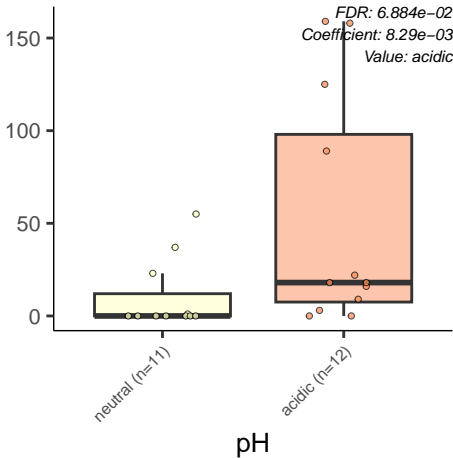
pH

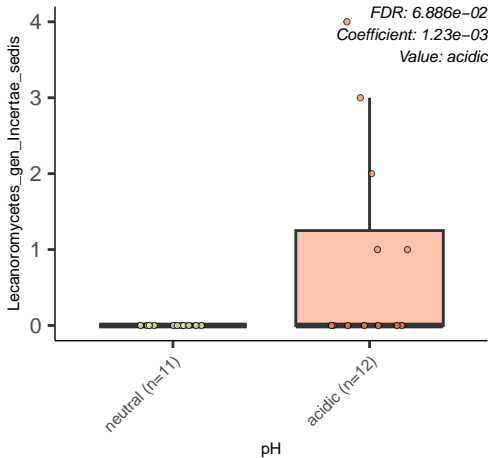
FDR: 6.820×10^{-2}
Coefficient: 1.52×10^{-2}
Value: acidic

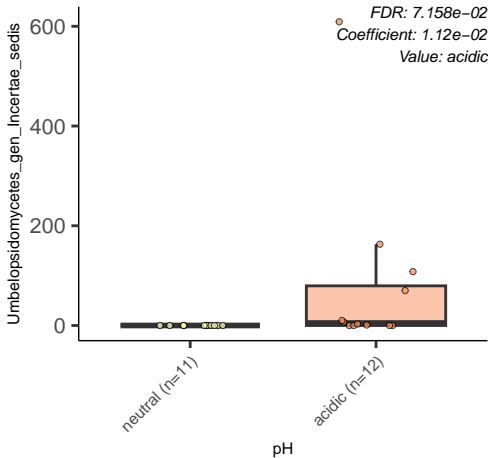




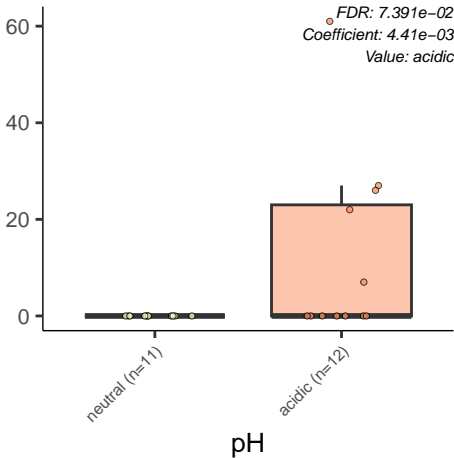
Clavulinopsis







Basidiobolus



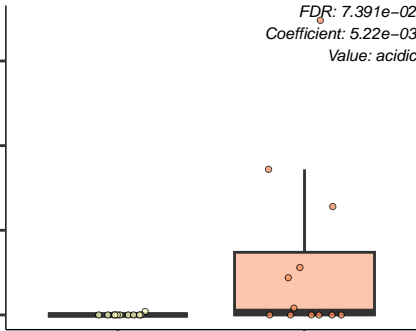
Colpoma

FDR: 7.391e-02
Coefficient: 5.22e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Trichosporiella

FDR: $7.391e-02$

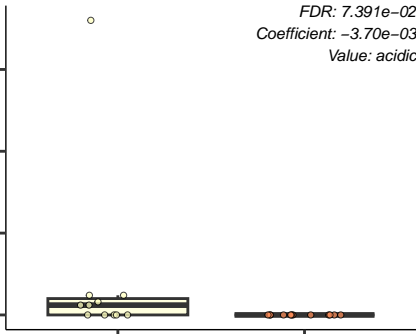
Coefficient: $-3.70e-03$

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Zygorhynchus

FDR: 7.391e-02

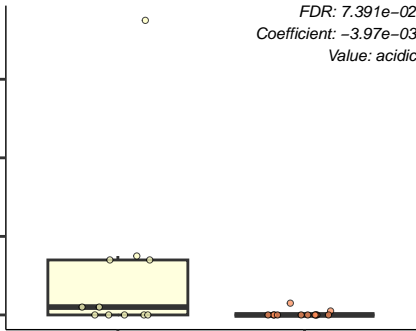
Coefficient: -3.97e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH





FDR: 7.456e-02

Coefficient: $-3.38e-03$

Value: acidic



pH

Taenioclella

FDR: 7.481e-02

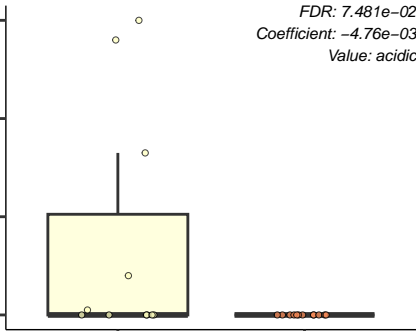
Coefficient: -4.76e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Eurotiales_gen_Incertae_sedis

FDR: 7.655e-02
Coefficient: 1.12e-02
Value: acidic

400

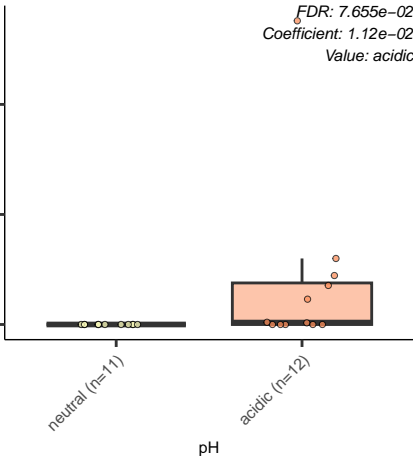
200

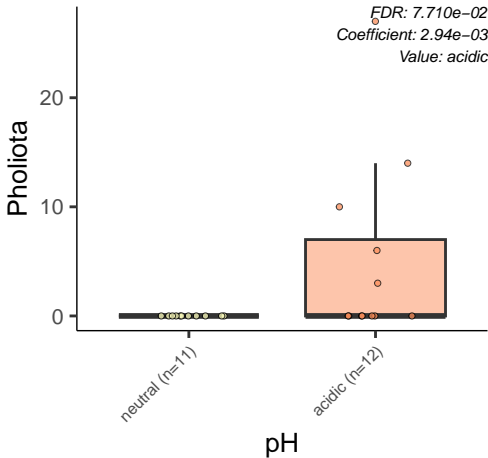
0

neutral (n=11)

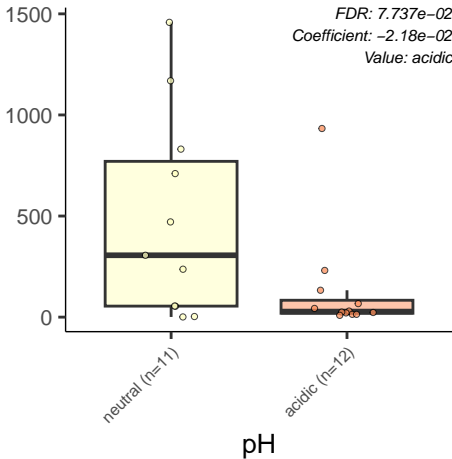
acidic (n=12)

pH





Cadophora



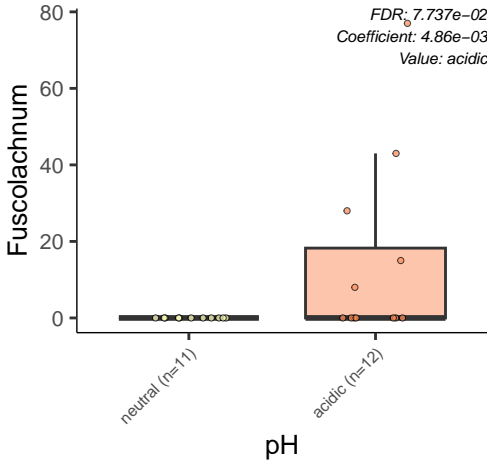
Fuscolachnum

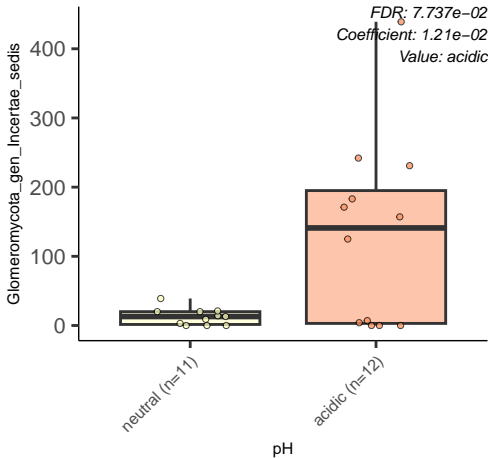
FDR: 7.737e-02
Coefficient: 4.86e-03
Value: acidic

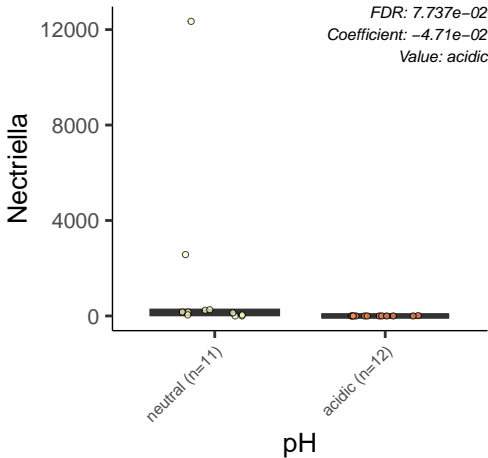
neutral (n=11)

acidic (n=12)

pH







Clavaria

FDR: 7.800e-02
Coefficient: 4.60e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH

7500

5000

2500

0

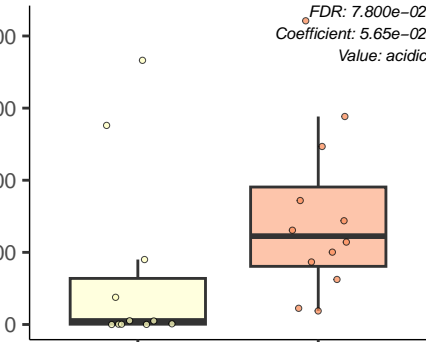
Helotiales_gen_Incertae_sedis

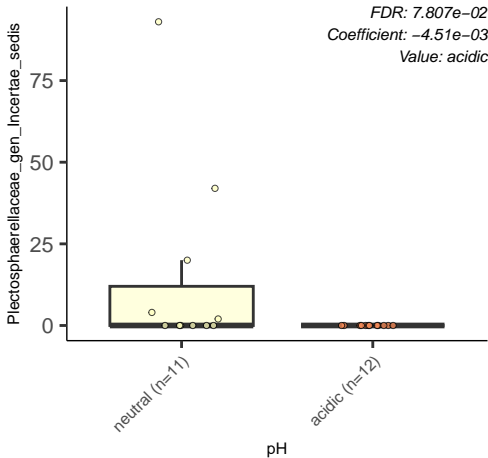
FDR: 7.800e-02
Coefficient: 5.65e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





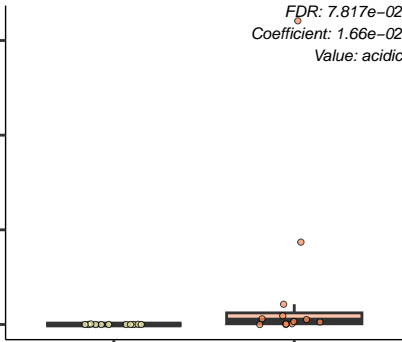
Filobasidiales_gen_Incertae_sedis

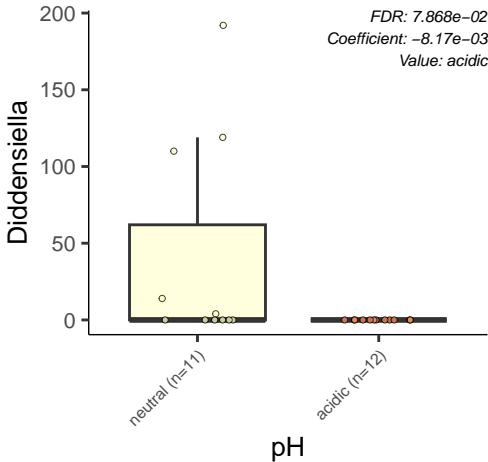
FDR: $7.817e-02$
Coefficient: $1.66e-02$
Value: acidic

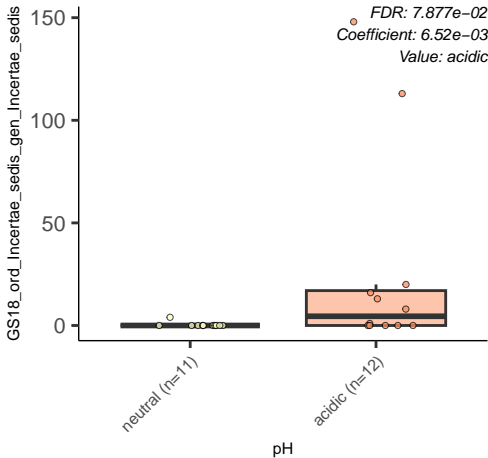
neutral (n=11)

acidic (n=12)

pH







Lipomycetaceae_gen_Incertae_sedis

FDR: 7.897e-02
Coefficient: 2.20e-03
Value: acidic

10

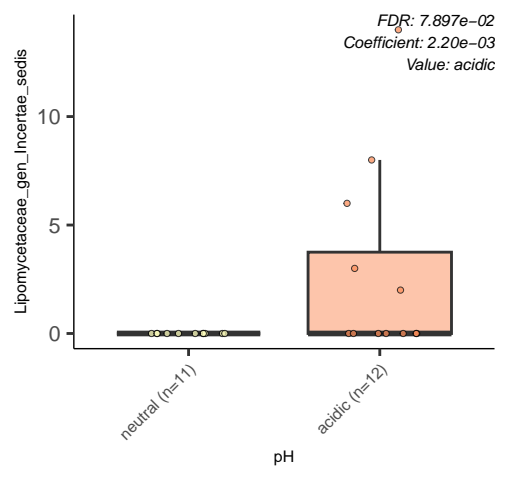
5

0

neutral (n=11)

acidic (n=12)

pH



Vishniacozyma

FDR: 7.897e-02

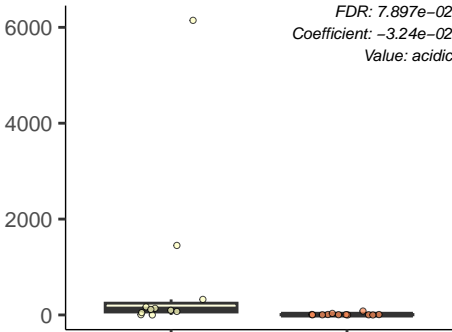
Coefficient: -3.24e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Chloridium

FDR: 7.929e-02
Coefficient: 2.31e-02
Value: acidic

3000

2000

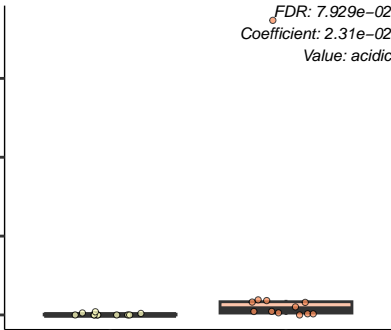
1000

0

neutral (n=11)

acidic (n=12)

pH



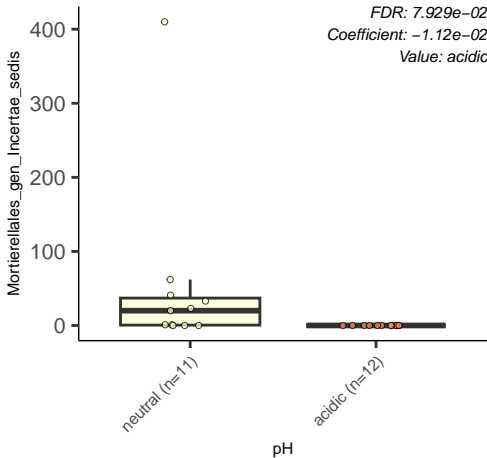
Mortierellales_gen_Incertae_sedis

FDR: 7.929e-02
Coefficient: -1.12e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sordariales_gen_Incertae_sedis

FDR: 7.929e-02
Coefficient: -9.46e-02
Value: acidic

20000

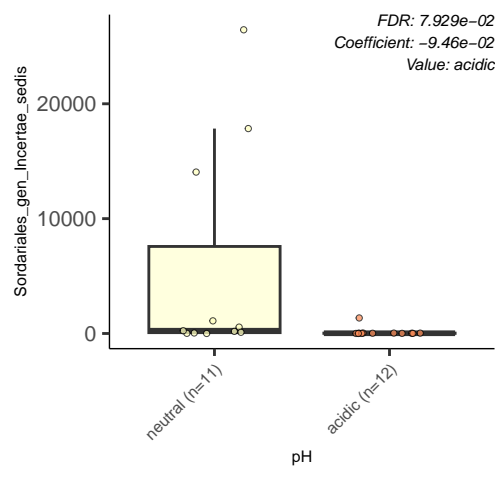
10000

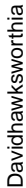
0

neutral (n=11)

acidic (n=12)

pH





FDR: 8.193e-02

Coefficient: $2.05e-03$

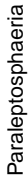
Value: acidic

neutral (n=11)

acidic ($n=12$)

pH

Value: acidic



15 -

10 -

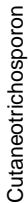
5-

0 -

neutral (n=11)

acidic ($n=12$)

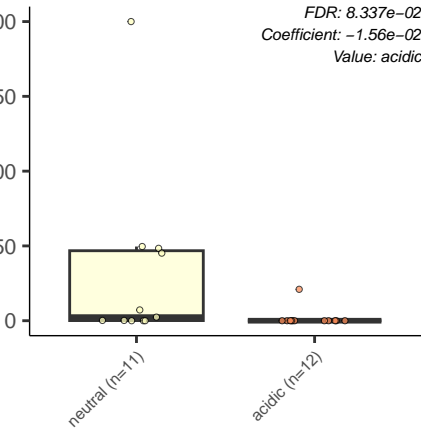
pH



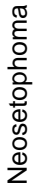
FDR: 8.337e-02

Coefficient: $-1.56e-02$

Value: acidic



pH



FDR: 8.337e-02

Coefficient: $-1.28e-02$

Value: acidic

400

200

0

neutral (n=11)

acidic ($n=12$)

pH

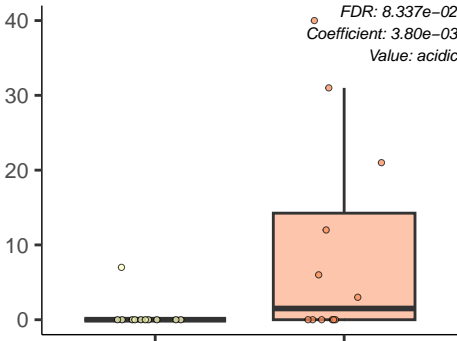
Perennicordyceps

FDR: 8.337e-02
Coefficient: 3.80e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Sporormiella

FDR: $8.337e-02$

Coefficient: $-2.35e-02$

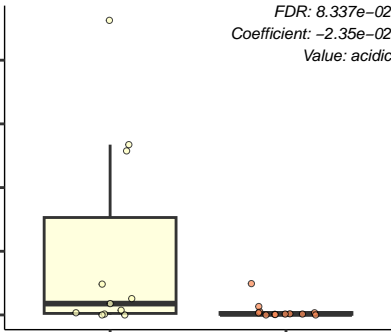
Value: acidic

neutral (n=11)

acidic (n=12)

pH

2000
1500
1000
500
0



Tyrannosorus

1000

500

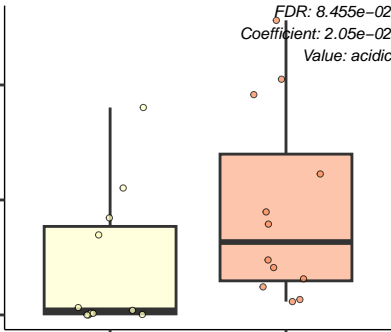
0

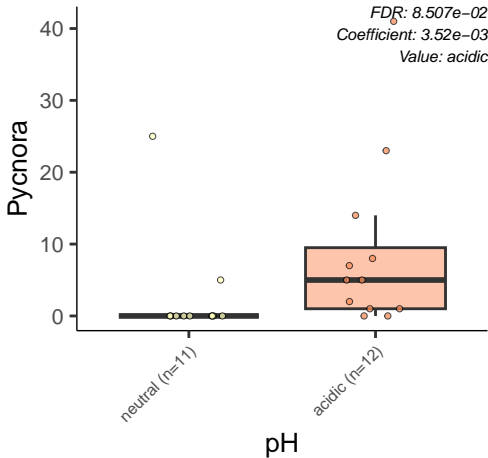
neutral (n=11)

acidic (n=12)

pH

FDR: $8.455e-02$
Coefficient: $2.05e-02$
Value: acidic





Myxozyma

10000

5000

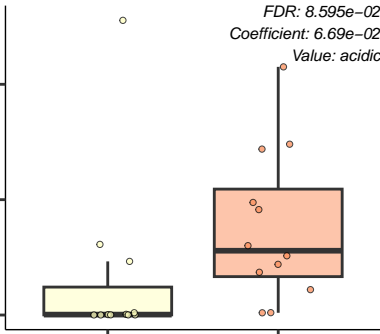
0

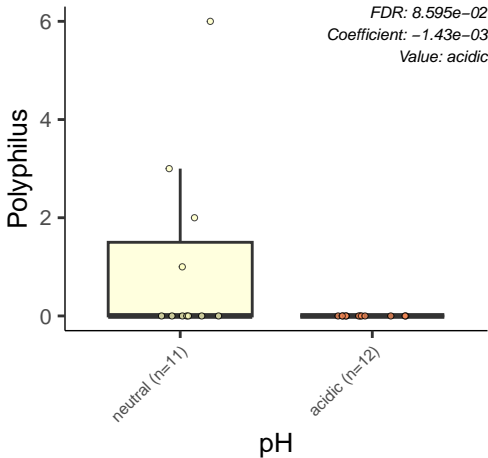
neutral (n=11)

acidic (n=12)

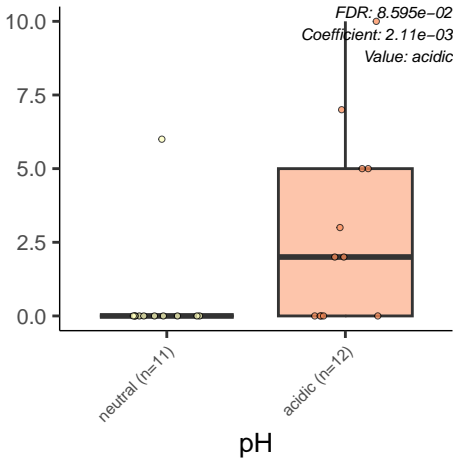
pH

FDR: 8.595e-02
Coefficient: 6.69e-02
Value: acidic





Pseudovalsaria



Colletotrichum

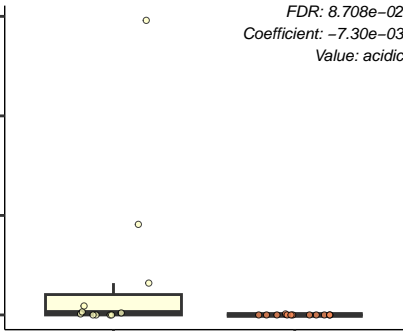
300
200
100
0

neutral (n=11)

acidic (n=12)

pH

FDR: 8.708e-02
Coefficient: -7.30e-03
Value: acidic



Infundichalara

FDR: 8.708e-02

Coefficient: -2.70e-02

Value: acidic

2000

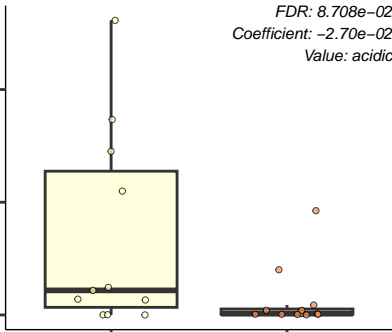
1000

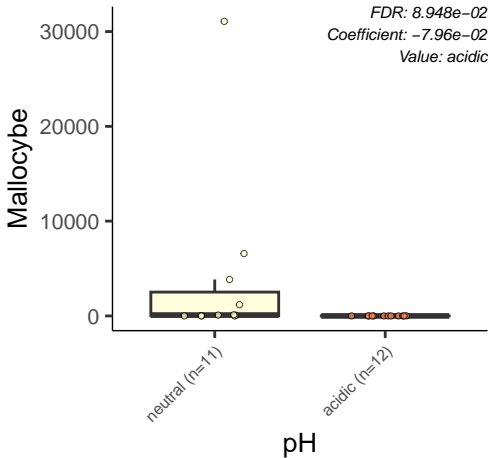
0

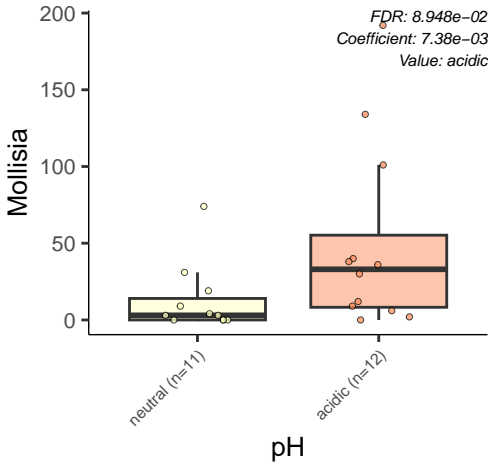
neutral (n=11)

acidic (n=12)

pH







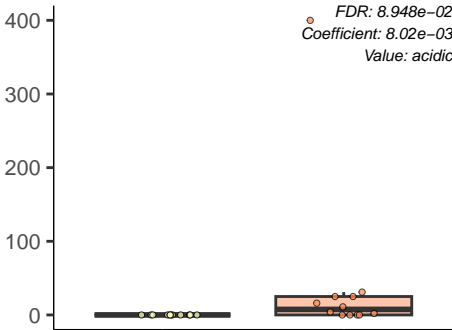
Peniophorella

FDR: $8.948e-02$
Coefficient: $8.02e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

pH

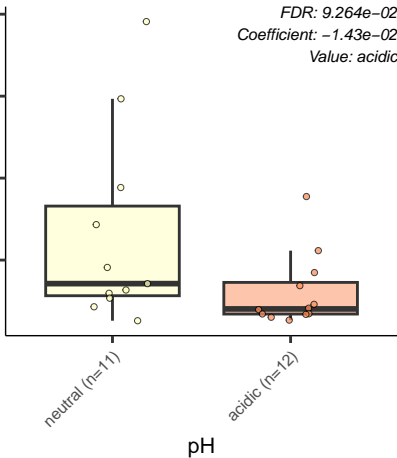


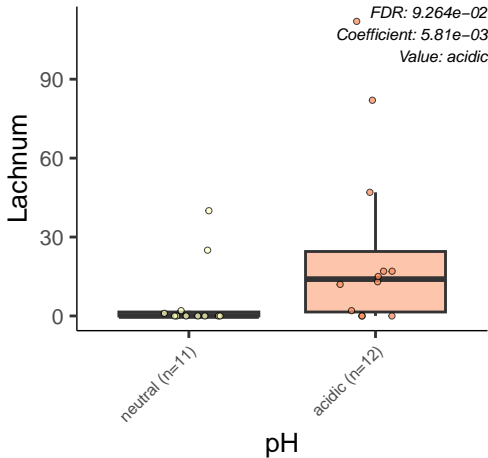
Fungi_gen_Incertae_sedis

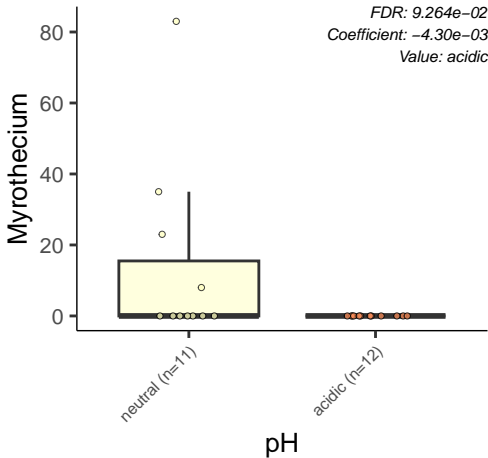
FDR: 9.264e-02

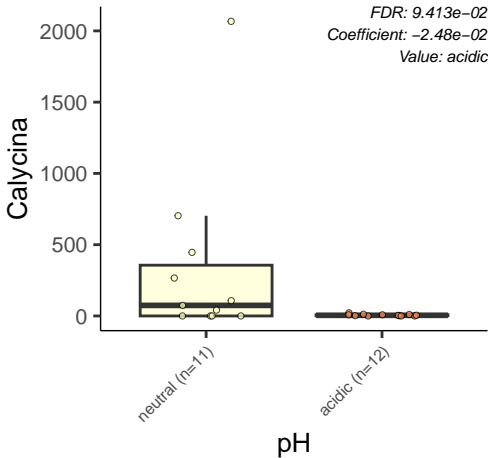
Coefficient: -1.43e-02

Value: acidic









Dissoderma

FDR: 9.413e-02
Coefficient: 7.18e-03
Value: acidic

200

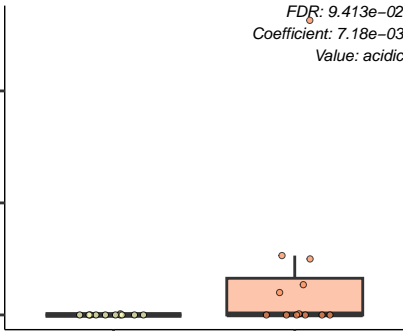
100

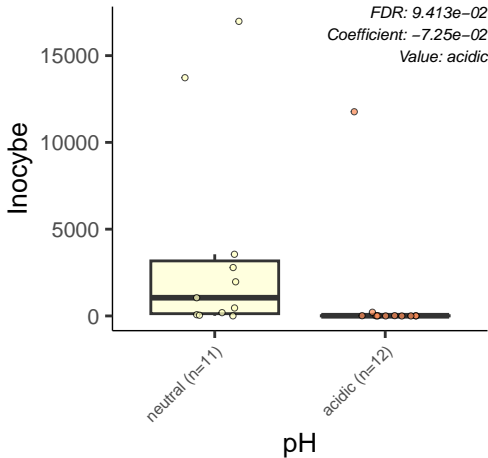
0

neutral (n=11)

acidic (n=12)

pH





Value: acidic



Cystobasidiales_gen_Incertae_sedis

FDR: 9.853e-02
Coefficient: 3.44e-03
Value: acidic

40

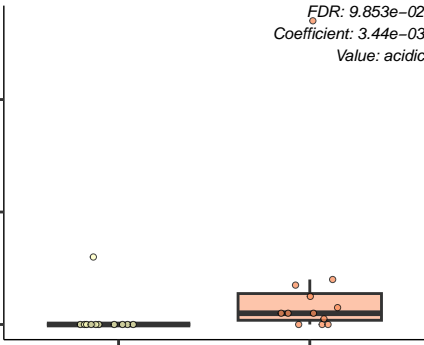
20

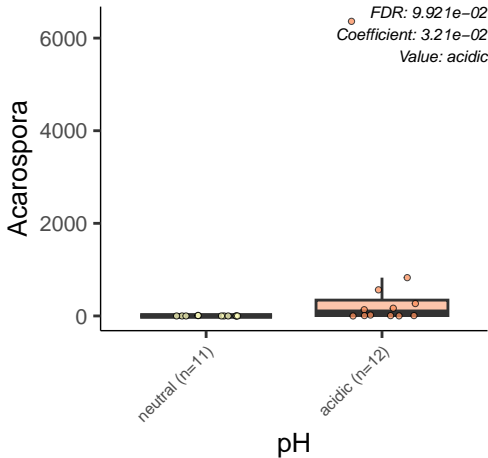
0

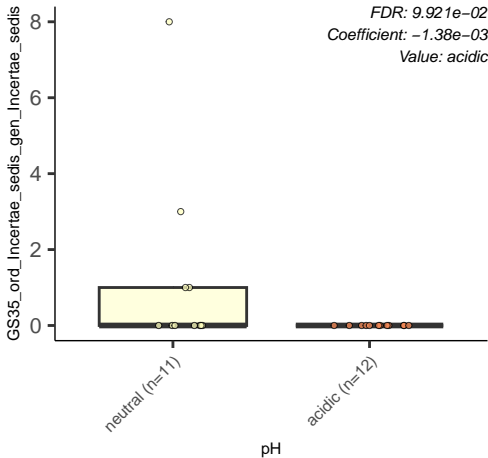
neutral (n=11)

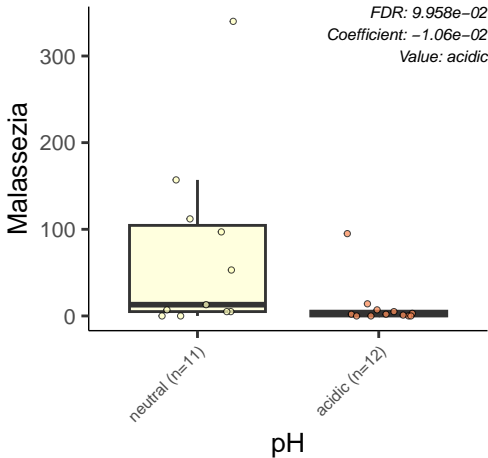
acidic (n=12)

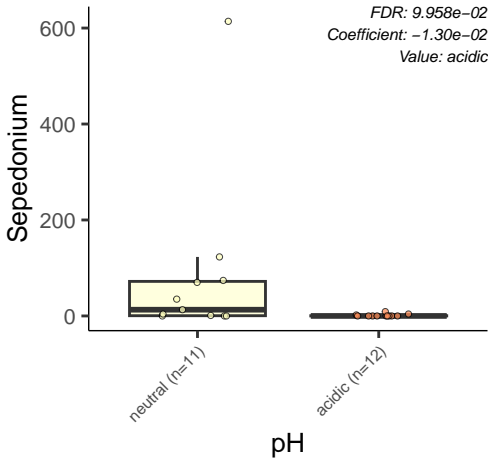
pH

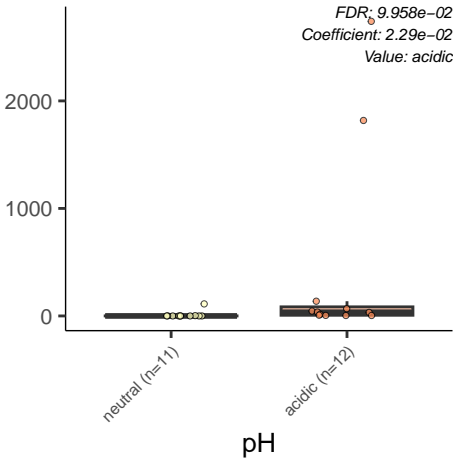












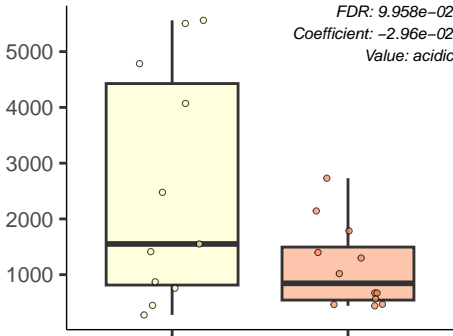
Trichoderma

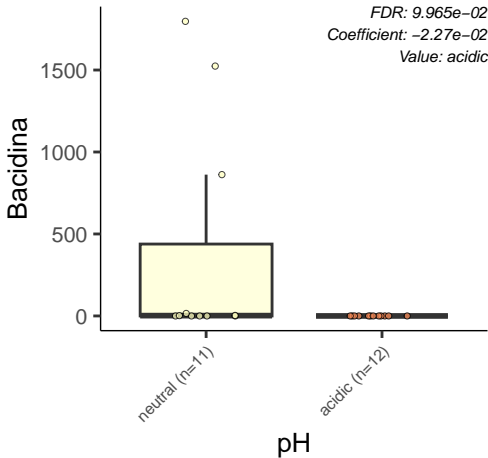
neutral (n=11)

acidic (n=12)

pH

FDR: 9.958e-02
Coefficient: -2.96e-02
Value: acidic





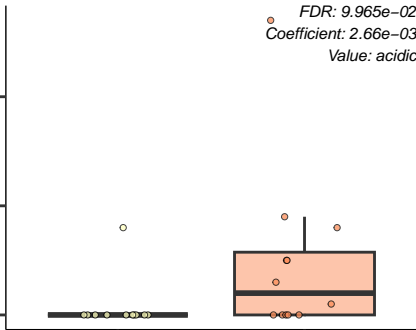
Hypogymnia

FDR: 9.965e-02
Coefficient: 2.66e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Basidiendron

FDR: 1.008e-01
Coefficient: 5.86e-03
Value: acidic

neutral (n=11)

acidic (n=12)

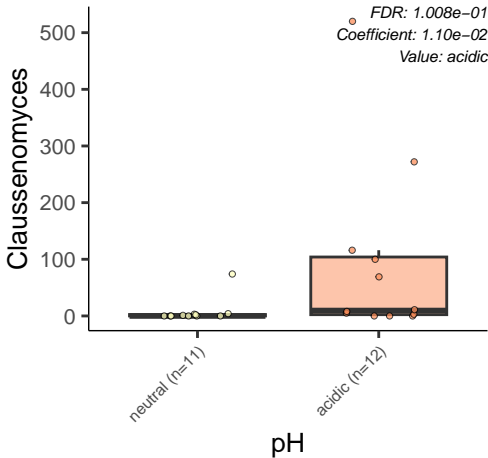
pH

150

100

50

0



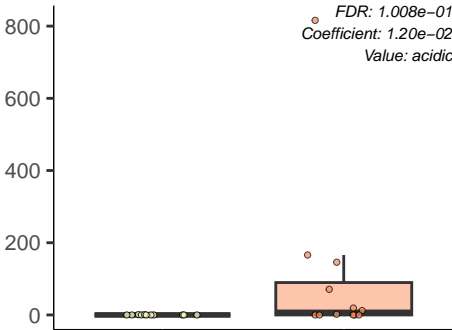
Gryganskiella

FDR: 1.008e-01
Coefficient: 1.20e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Pucciniales_gen_Incertae_sedis

15

10

5

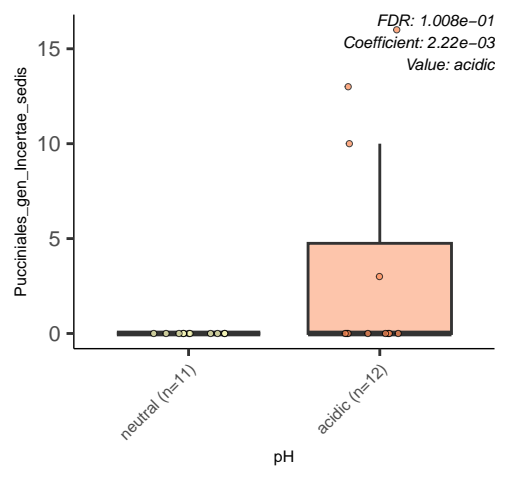
0

neutral (n=11)

acidic (n=12)

pH

FDR: 1.008e-01
Coefficient: 2.22e-03
Value: acidic



Byssoporia

neutral (n=11)

acidic (n=12)

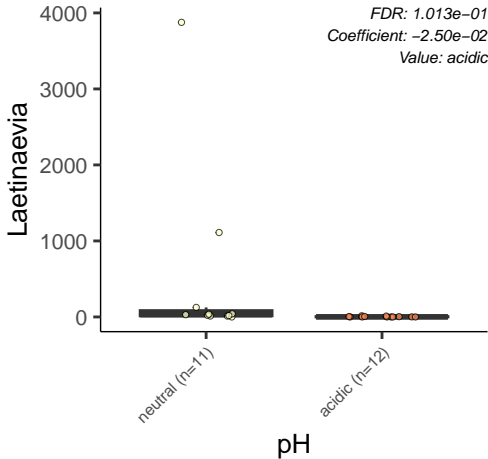
pH

FDR: 1.013e-01
Coefficient: 1.96e-03
Value: acidic

10

5

0



Mrakiaceae_gen_Incertae_sedis

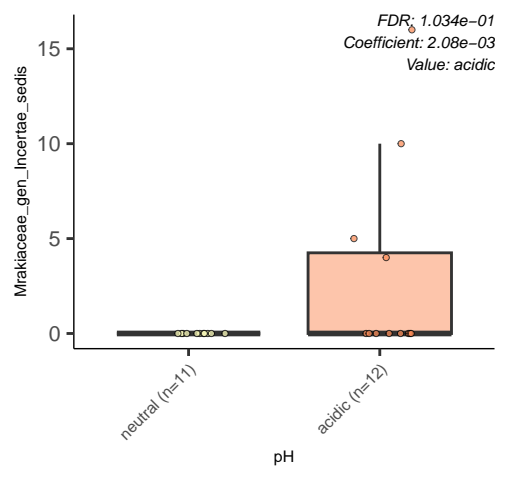
FDR: 1.034e-01
Coefficient: 2.08e-03
Value: acidic

15
10
5
0

neutral (n=11)

acidic (n=12)

pH



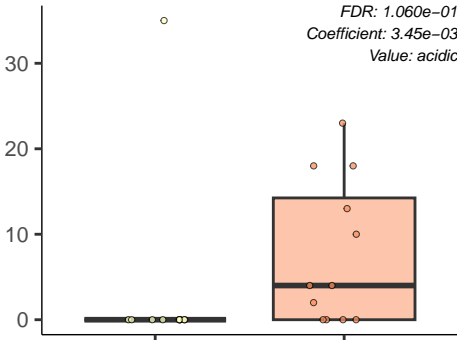
GS08_gen_Incertae_sedis

FDR: 1.060e-01
Coefficient: 3.45e-03
Value: acidic

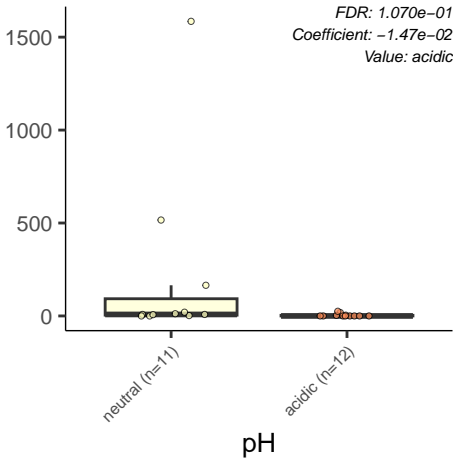
neutral (n=11)

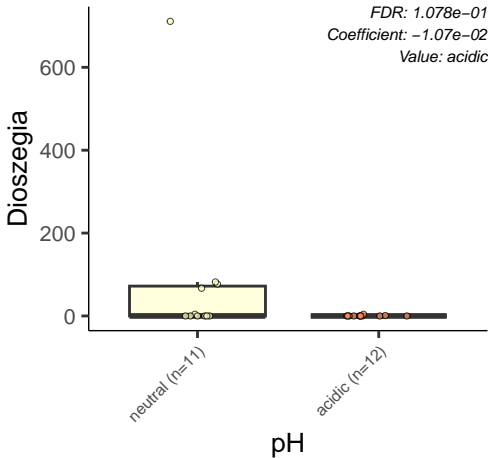
acidic (n=12)

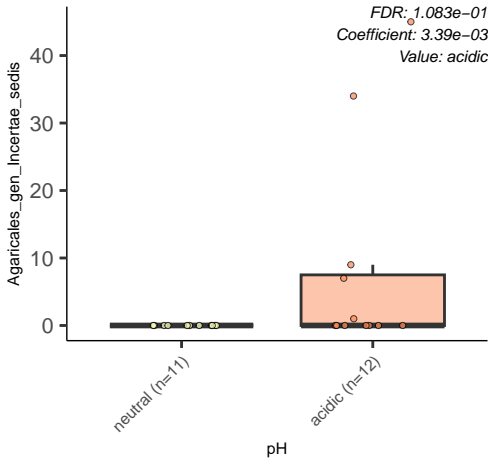
pH



Syngodiella







Ascomycota_gen_Incertae_sedis

FDR: 1.083e-01
Coefficient: 4.02e-03
Value: acidic

60

40

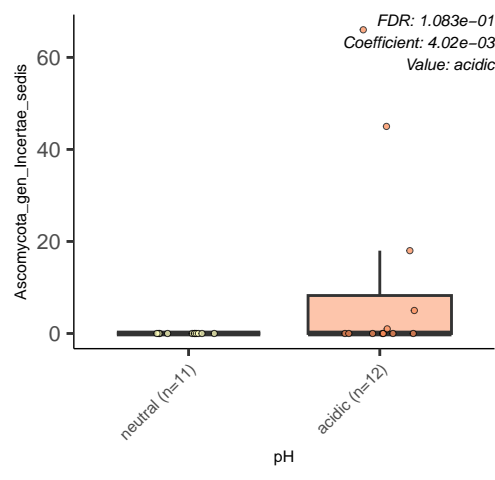
20

0

neutral (n=11)

acidic (n=12)

pH



Buckleyzyma

FDR: 1.083e-01

Coefficient: -3.37e-03

Value: acidic

60

40

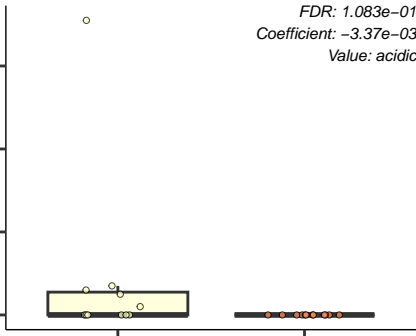
20

0

neutral (n=11)

acidic (n=12)

pH



Kockovaella

FDR: 1.106e-01
Coefficient: 5.26e-03
Value: acidic

75

50

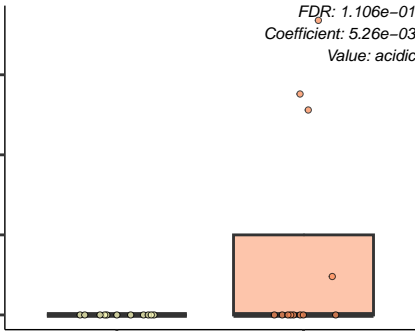
25

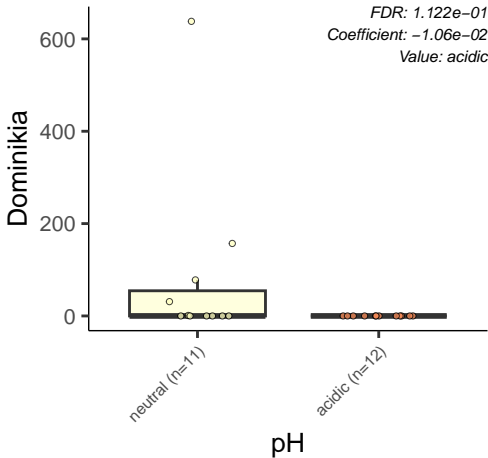
0

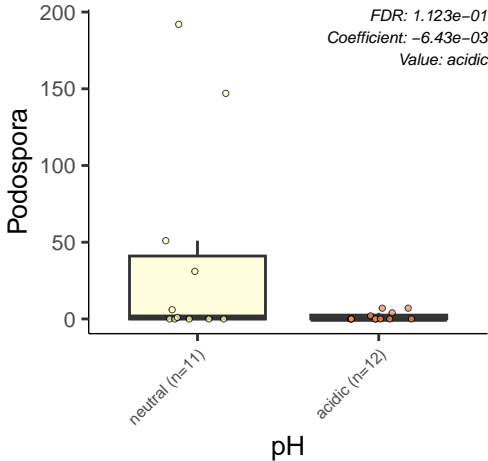
neutral (n=11)

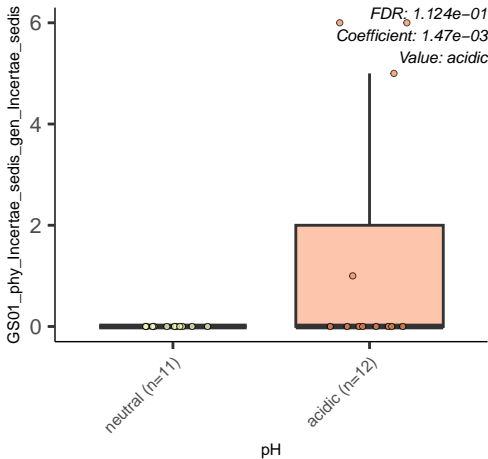
acidic (n=12)

pH









Ascocorticism

FDR: 1.138e-01
Coefficient: 1.56e-03
Value: acidic

9

6

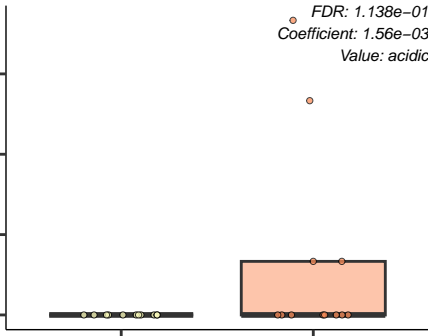
3

0

neutral (n=11)

acidic (n=12)

pH



Pseudoanungitea

FDR: 1.153e-01

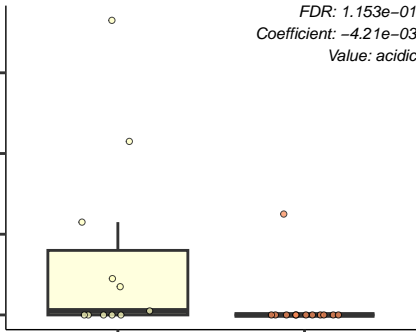
Coefficient: -4.21e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic

acidic ($n=12$)

pH

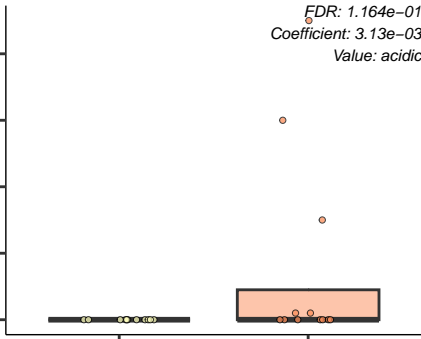
GS10_gen_Incertae_sedis

FDR: 1.164e-01
Coefficient: 3.13e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Value: acidic



neutral (n=11)

acidic ($n=12$)

pH

Hypochnicium

FDR: 1.164e-01
Coefficient: 1.44e-03
Value: acidic

6

4

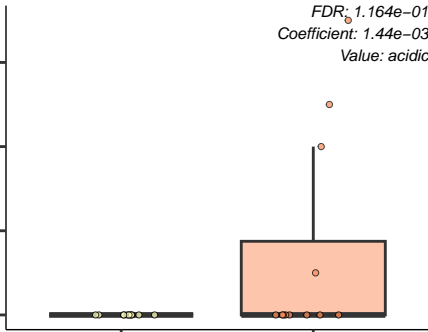
2

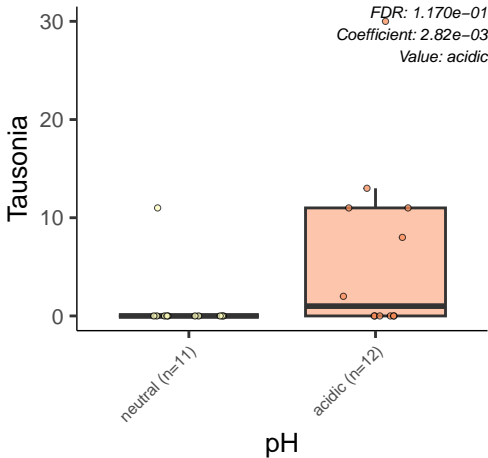
0

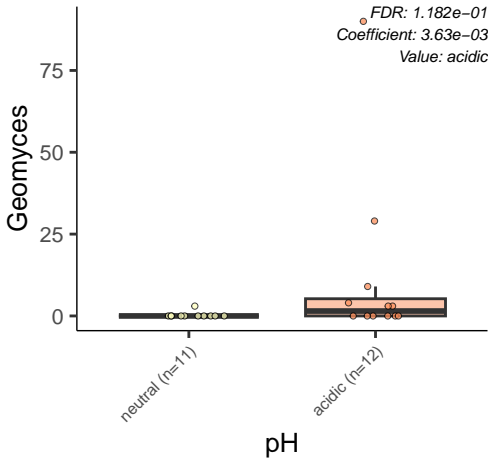
neutral (n=11)

acidic (n=12)

pH







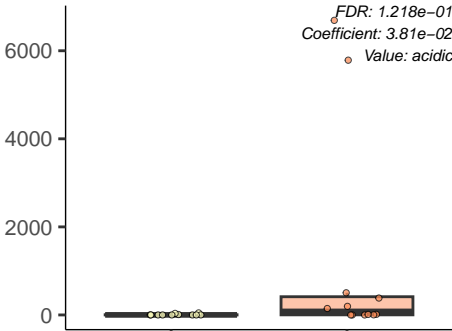
Ramariopsis

FDR: 1.218e-01
Coefficient: 3.81e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Metarhizium

FDR: 1.223e-01

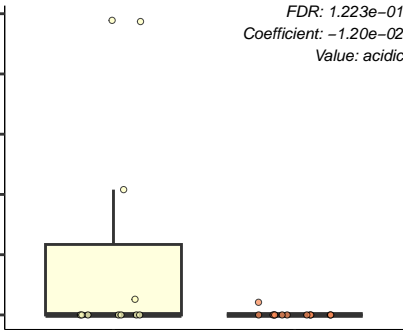
Coefficient: -1.20e-02

Value: acidic

neutral (n=11)

acidic (n=12)

pH



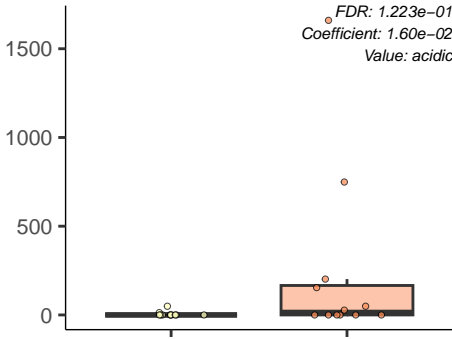
Volutella

FDR: 1.223e-01
Coefficient: 1.60e-02
Value: acidic

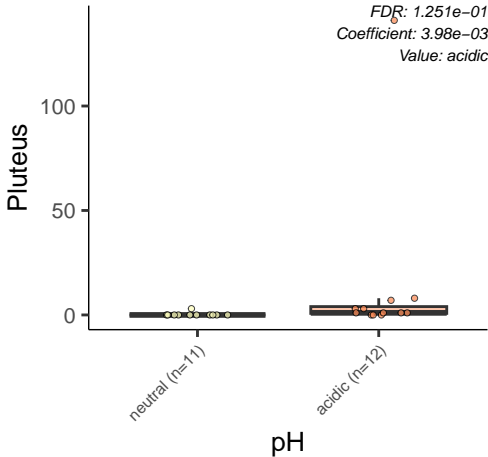
neutral (n=11)

acidic (n=12)

pH



FDR: 1.251e-01
Coefficient: 3.98e-03
Value: acidic



Ampullocitoybe

FDR: 1.255e-01
Coefficient: 3.29e-03
Value: acidic

40

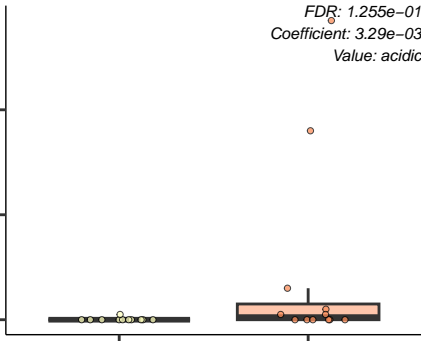
20

0

neutral (n=11)

acidic (n=12)

pH



Value: acidic

acidic ($n=12$)

pH

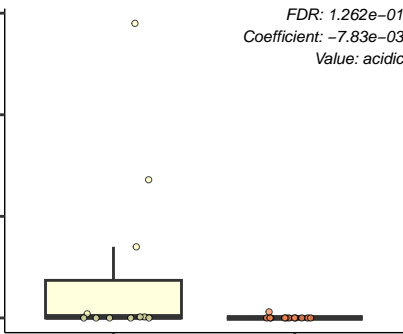
Xenodidymella

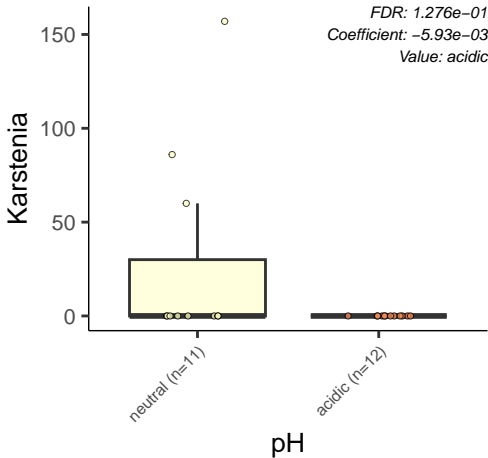
FDR: 1.262e-01
Coefficient: -7.83e-03
Value: acidic

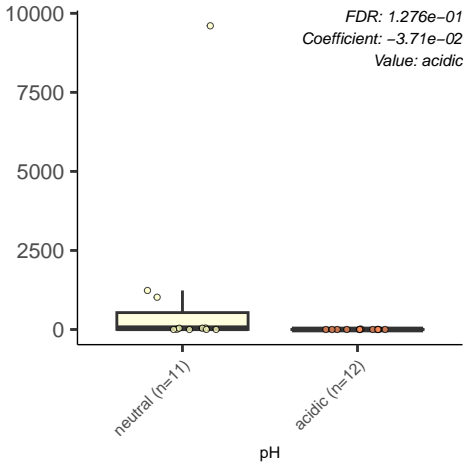
neutral (n=11)

acidic (n=12)

pH







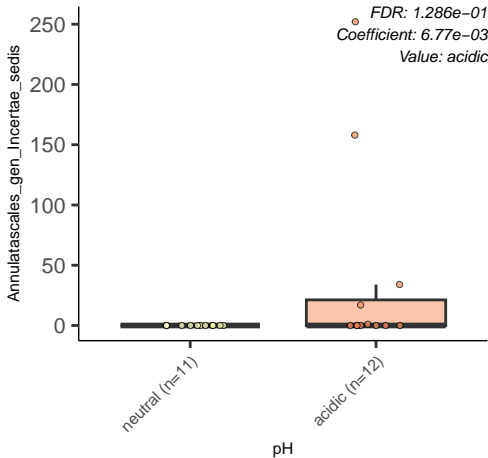
Annulatascales_gen_Incertae_sedis

FDR: 1.286e-01
Coefficient: 6.77e-03
Value: acidic

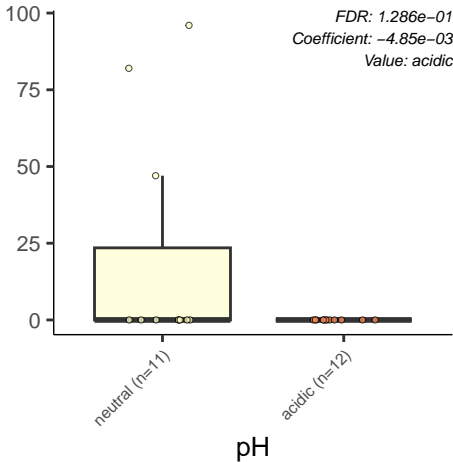
neutral (n=11)

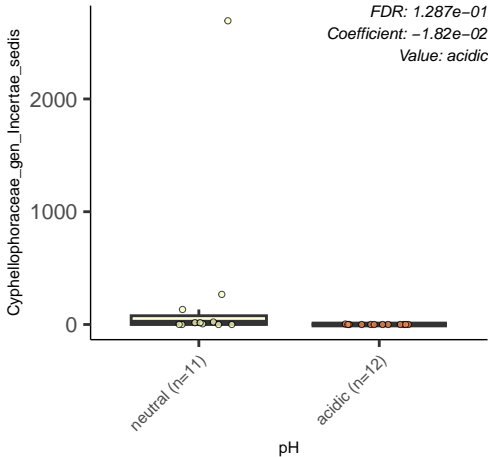
acidic (n=12)

pH



Keithomyces





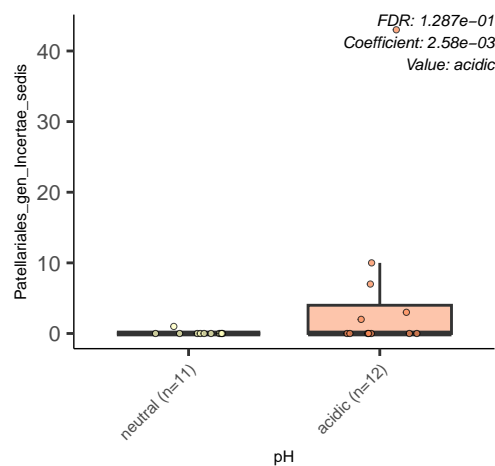
Patellariales_gen_Incertae_sedis

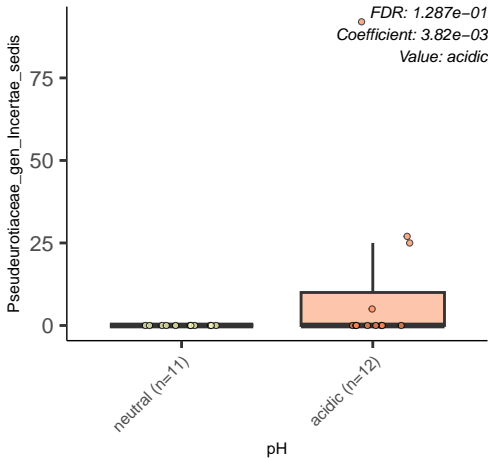
FDR: 1.287e-01
Coefficient: 2.58e-03
Value: acidic

neutral (n=11)

acidic (n=12)

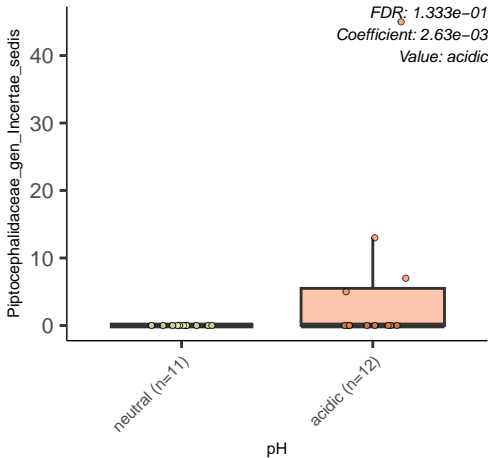
pH





Value: acidic





Rhinoclastiella

FDR: 1.333e-01

Coefficient: -1.49e-02

Value: acidic

1000

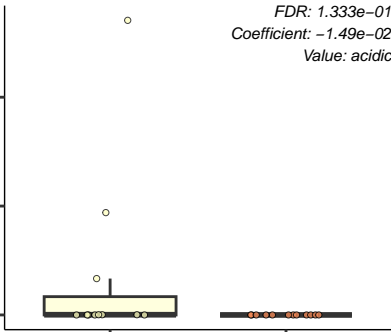
500

0

neutral (n=11)

acidic (n=12)

pH



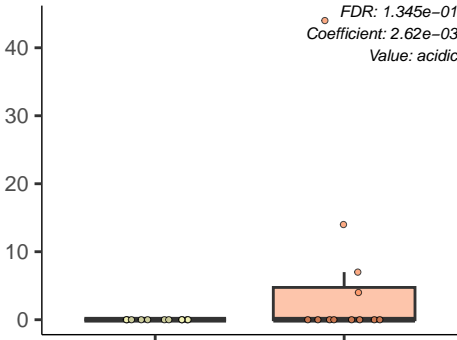
Rhodospiridiobolus

FDR: 1.345e-01
Coefficient: 2.62e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



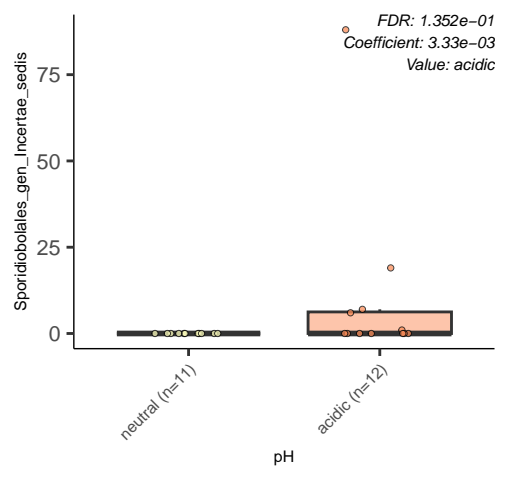
Sporidiobolales_gen_Incertae_sedis

FDR: 1.352e-01
Coefficient: 3.33e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Hannaella

FDR: 1.355e-01

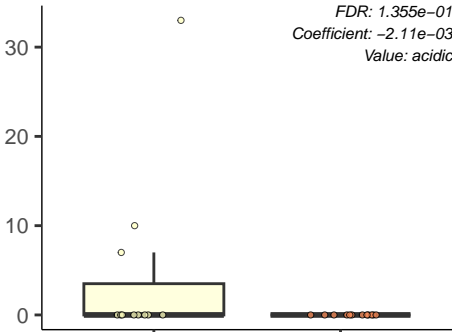
Coefficient: -2.11e-03

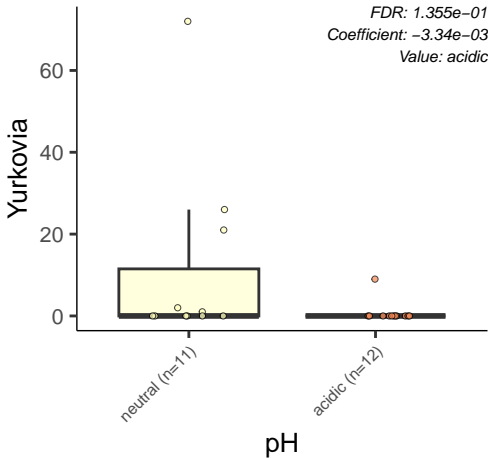
Value: acidic

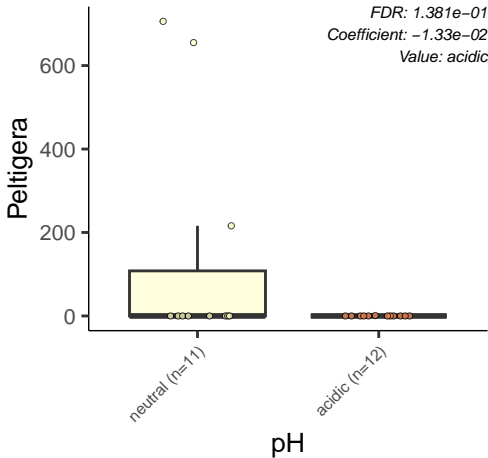
neutral (n=11)

acidic (n=12)

pH







Value: acidic

acidic ($n=12$)

pH

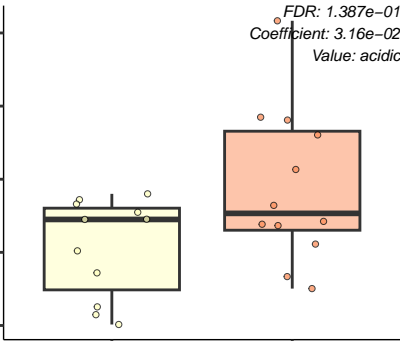
Rozellomycota_gen_Incertae_sedis

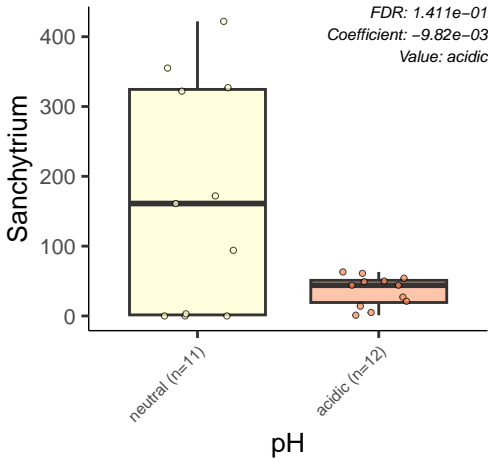
FDR: 1.387e-01
Coefficient: 3.16e-02
Value: acidic

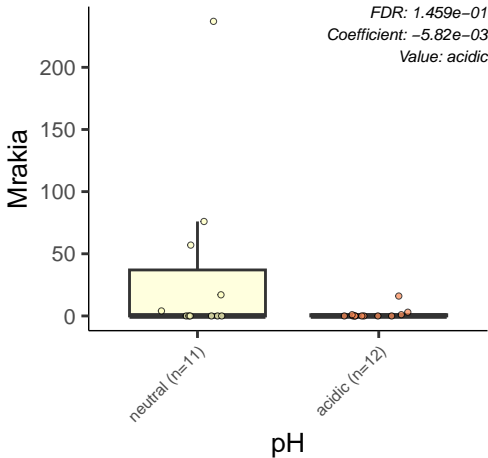
neutral (n=11)

acidic (n=12)

pH







Spirosphaera

FDR: 1.459e-01

Coefficient: -6.04e-03

Value: acidic

200

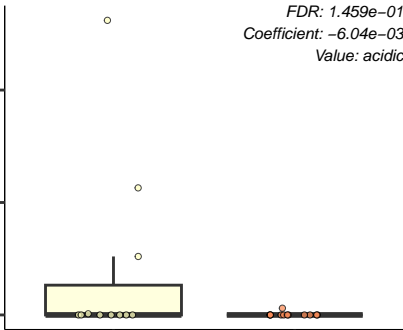
100

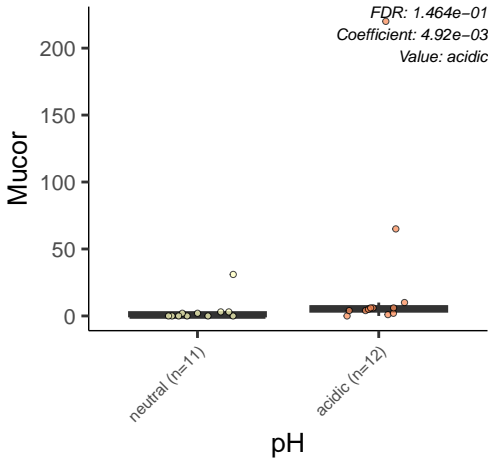
0

neutral (n=11)

acidic (n=12)

pH

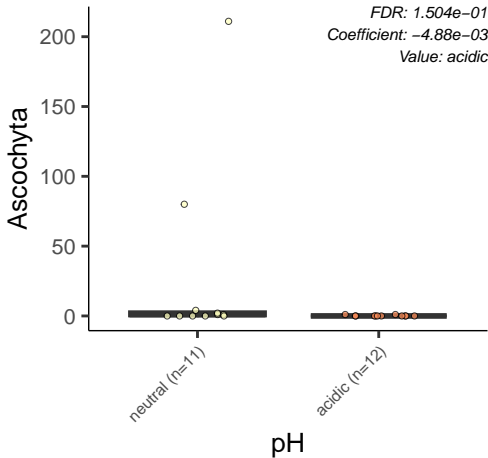




Value: acidic

acidic ($n=12$)

pH



Ramophialophora

FDR: 1.504e-01

Coefficient: -8.40e-03

Value: acidic

neutral (n=11)

acidic (n=12)

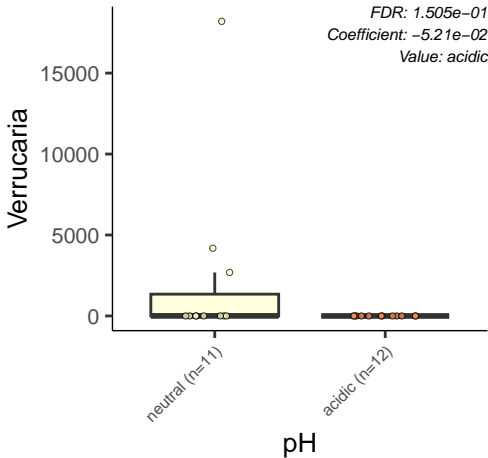
pH

300

200

100

0



Verrucariaceae_gen_Incertae_sedis

FDR: 1.505e-01
Coefficient: 2.87e-03
Value: acidic

30

20

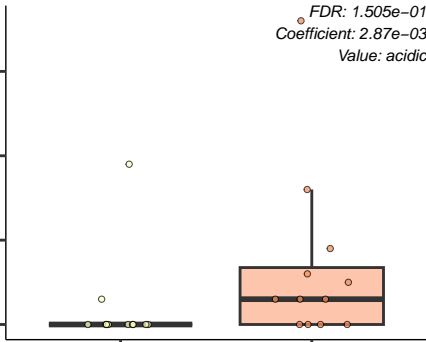
10

0

neutral (n=11)

acidic (n=12)

pH



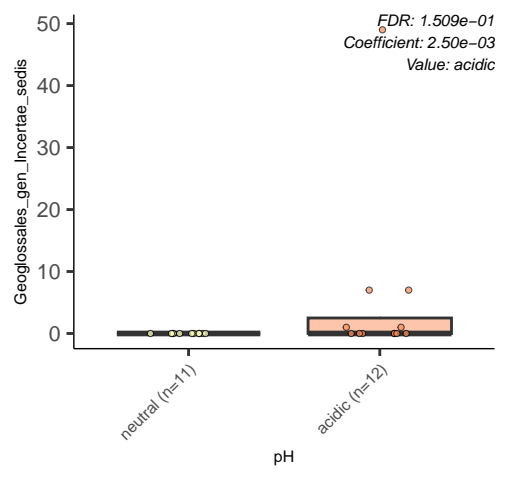
Geoglossales_gen_Incertae_sedis

FDR: 1.509e-01
Coefficient: 2.50e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



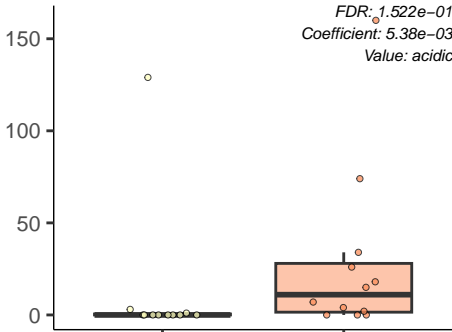
Piptocephalis

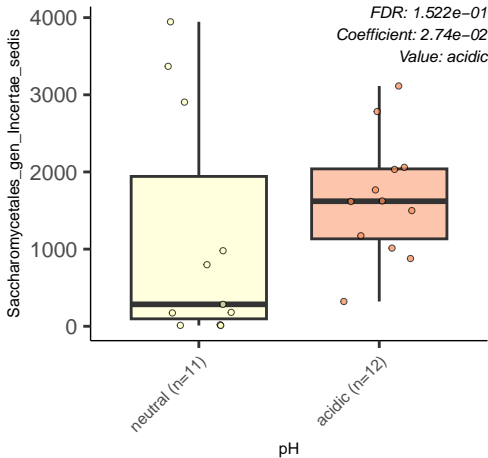
FDR: 1.522e-01
Coefficient: 5.38e-03
Value: acidic

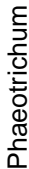
neutral (n=11)

acidic (n=12)

pH







neutral (n=11)

acidic ($n=12$)

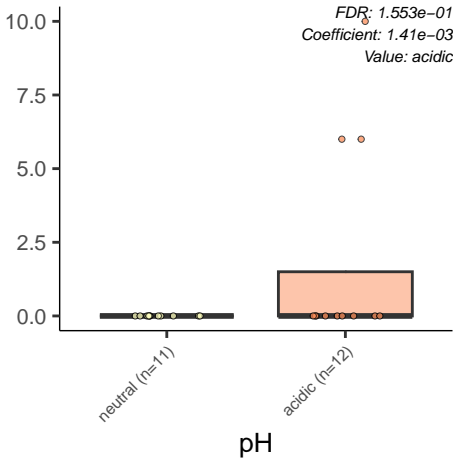
pH

FDR: 1.541e-01

Coefficient: $1.16e-03$

Value: acidic

Camptobasidium



Heterocephalaria

$FDR: 1.553e-01$
 $Coefficient: 1.46e-03$
Value: acidic

6

4

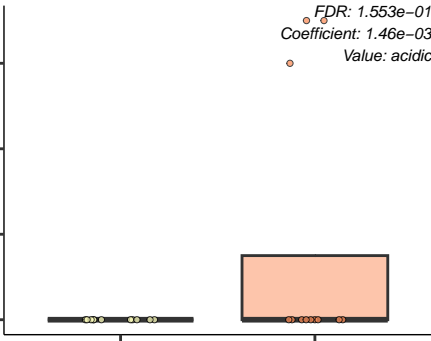
2

0

neutral (n=11)

acidic (n=12)

pH



Lapidomyces

FDR: 1.553e-01

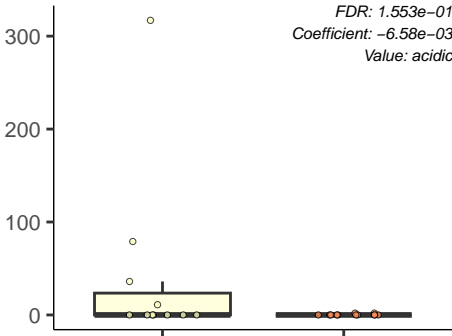
Coefficient: -6.58e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH



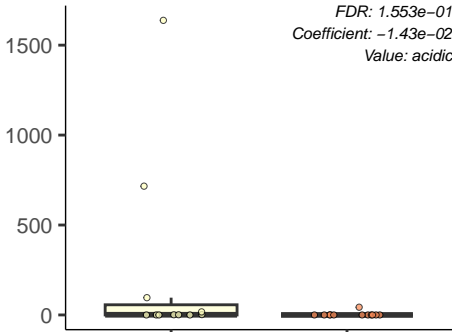
Pustularia

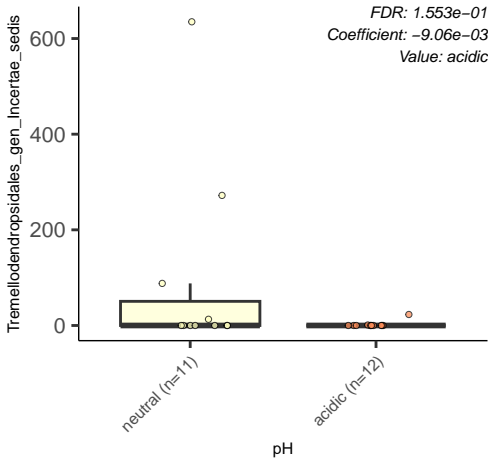
FDR: 1.553e-01
Coefficient: -1.43e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Leucogyrophana

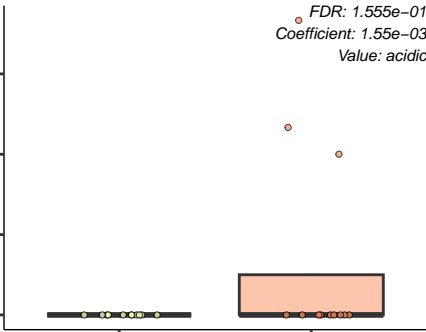
FDR: 1.555e-01
Coefficient: 1.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

9
6
3
0



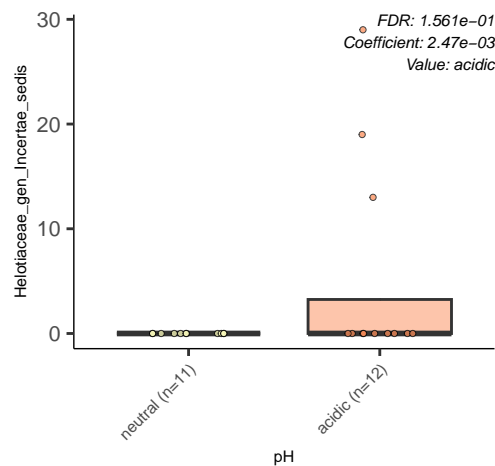
Helotiaceae_gen_Incertae_sedis

FDR: 1.561e-01
Coefficient: 2.47e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



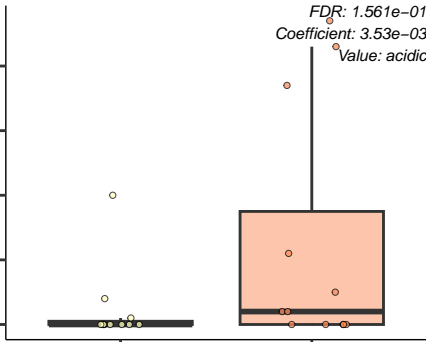
Sanchytriaceae_gen_Incertae_sedis

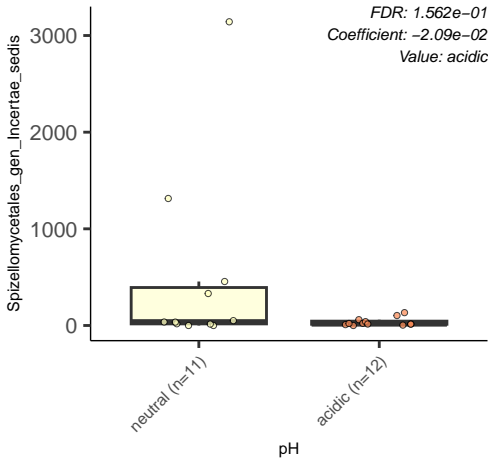
FDR: 1.561e-01
Coefficient: 3.53e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Archaeorhizomycetes_gen_Incertae_sedis

FDR: 1.569e-01
Coefficient: 5.01e-03
Value: acidic

100

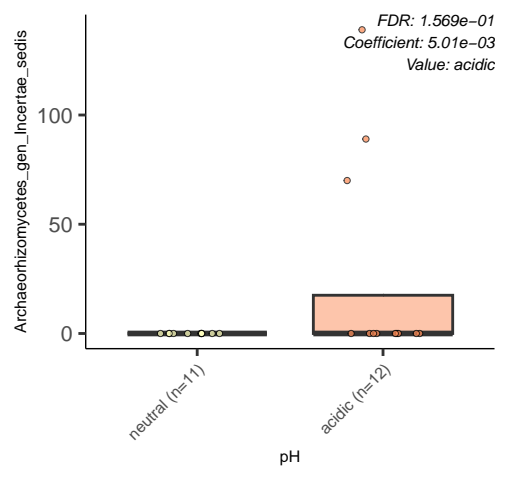
50

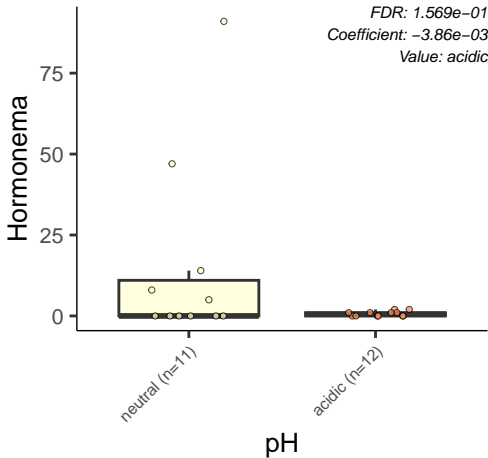
0

neutral (n=11)

acidic (n=12)

pH





Value: acidic

acidic ($n=12$)

pH

Thelebolus

FDR: 1.583e-01

Coefficient: -1.98e-02

Value: acidic

neutral (n=11)

acidic (n=12)

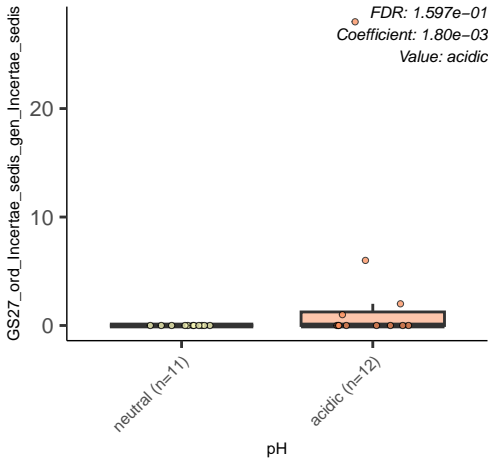
pH

3000

2000

1000

0



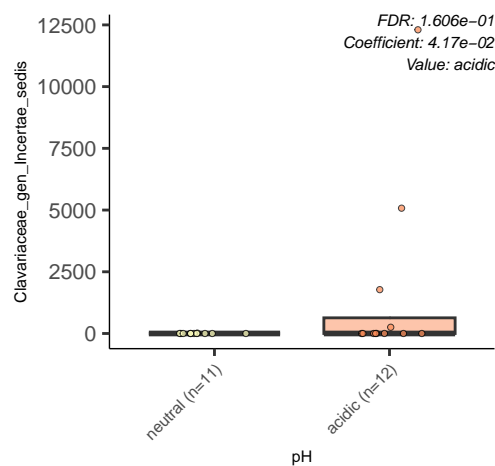
Clavariaceae_gen_Incertae_sedis

FDR: 1.606e-01
Coefficient: 4.17e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Calyprella

FDR: 1.620e-01

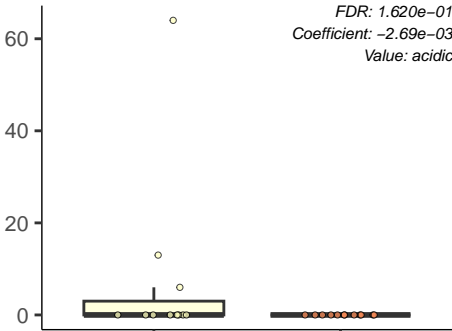
Coefficient: -2.69e-03

Value: acidic

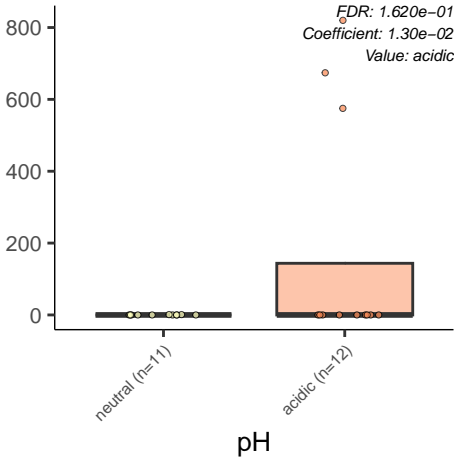
neutral (n=11)

acidic (n=12)

pH



Hygrophorus



Leotiaceae_gen_Incertae_sedis

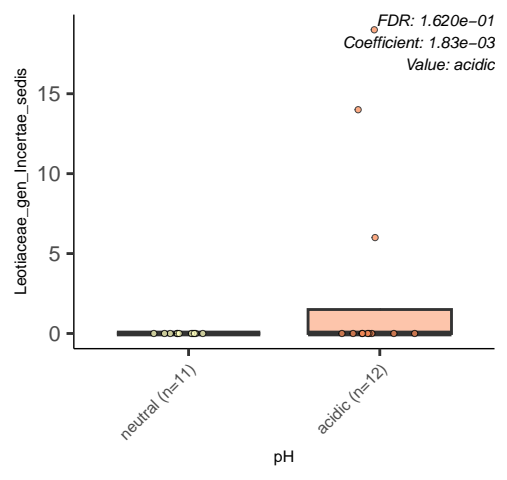
FDR: 1.620e-01
Coefficient: 1.83e-03
Value: acidic

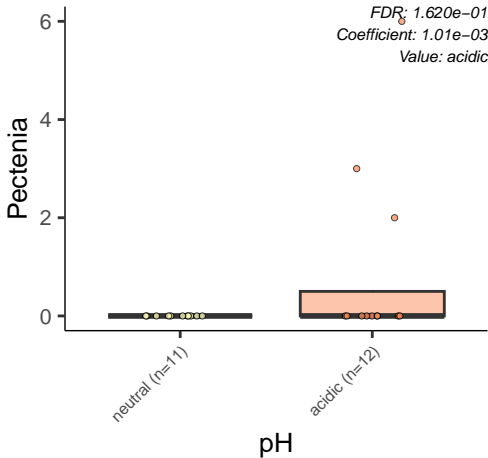
15
10
5
0

neutral (n=11)

acidic (n=12)

pH





Polyscytalum

FDR: 1.620e-01

Coefficient: -8.07e-03

Value: acidic

neutral (n=11)

acidic (n=12)

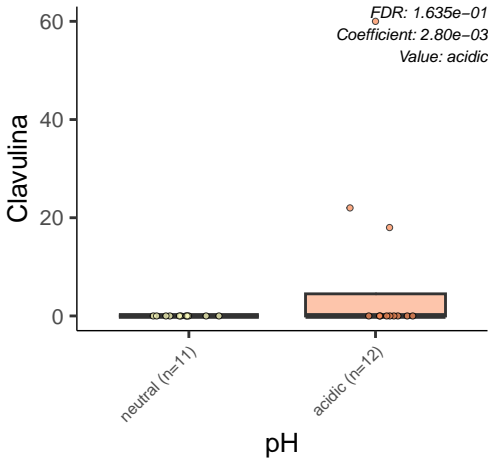
pH

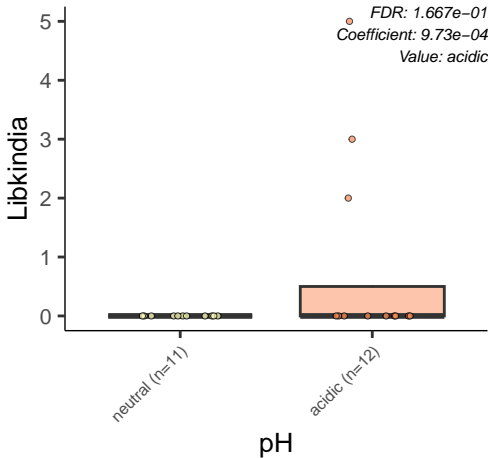
600

400

200

0





Dissophora

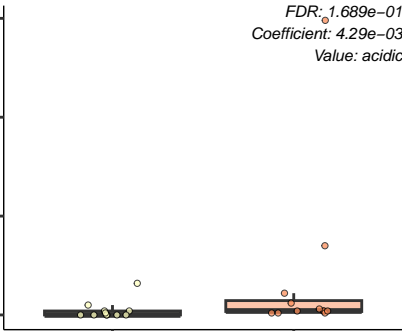
150
100
50
0

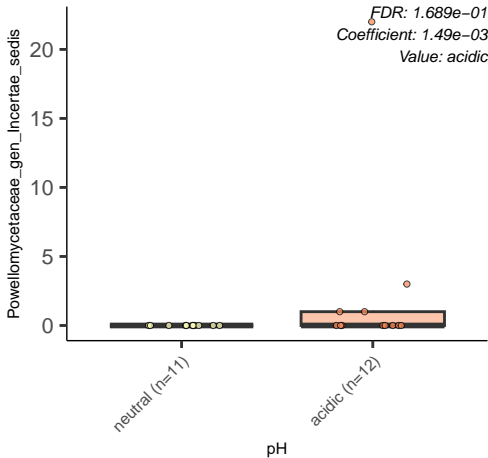
neutral (n=11)

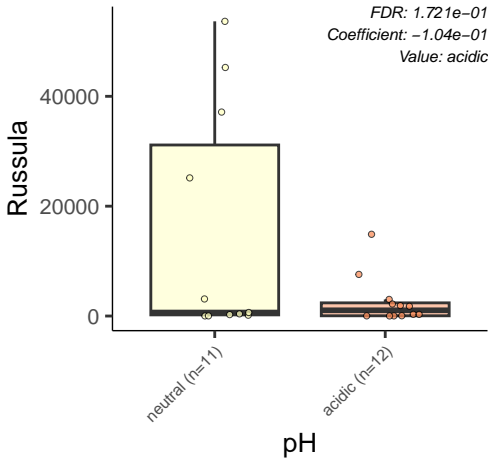
acidic (n=12)

pH

FDR: 1.689e-01
Coefficient: 4.29e-03
Value: acidic







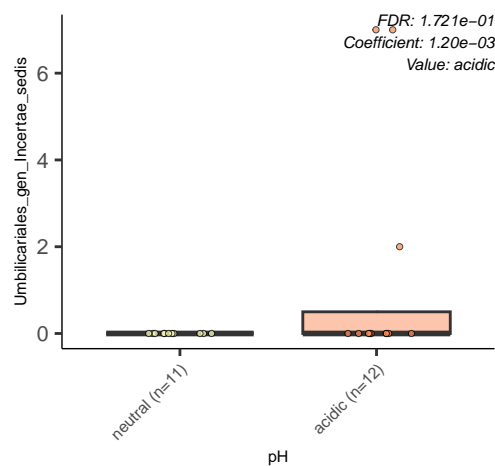
Umbilicariales_gen_Incertae_sedis

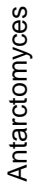
FDR: 1.721e-01
Coefficient: 1.20e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





FDR: 1.739e-01

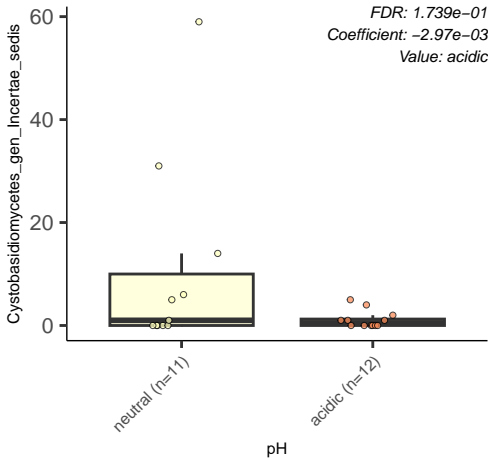
Coefficient: $-3.52e-03$

Value: acidic

neutral (n=11)

acidic ($n=12$)

pH



Dactylellina

FDR: 1.739e-01
Coefficient: 1.85e-03
Value: acidic

20

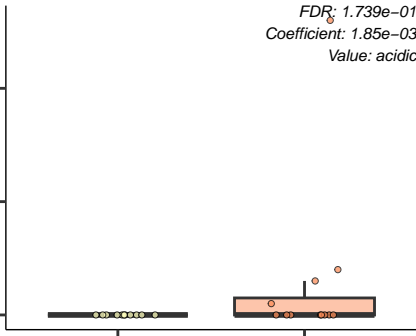
10

0

neutral (n=11)

acidic (n=12)

pH



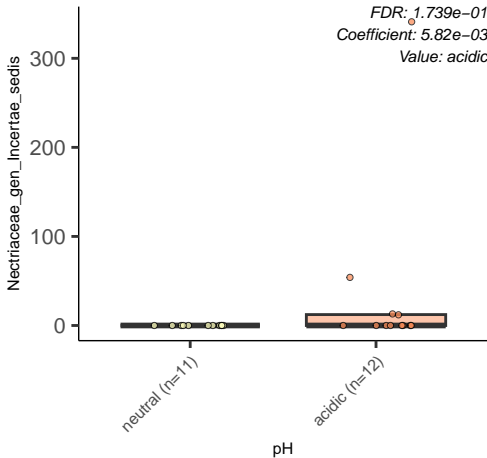
Nectriaceae_gen_Incertae_sedis

FDR: 1.739e-01
Coefficient: 5.82e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Trimmatostroma

FDR: 1.739×10^{-1}
Coefficient: 1.07×10^{-3}
Value: acidic

7.5

5.0

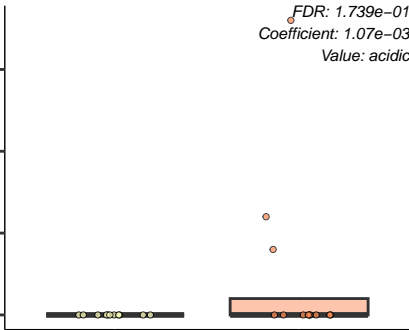
2.5

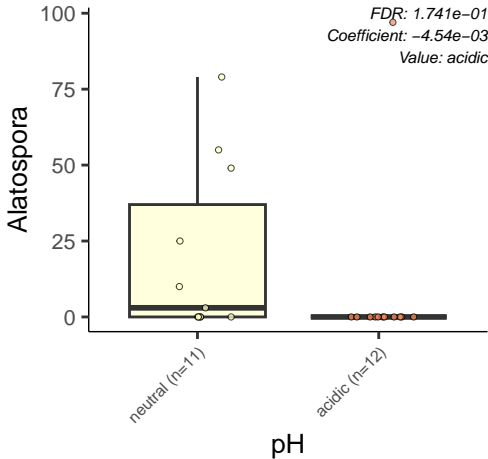
0.0

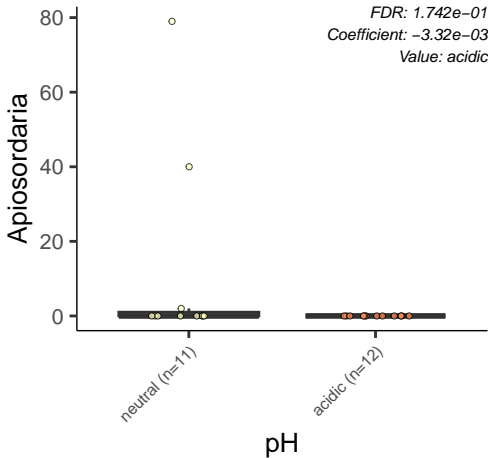
neutral (n=11)

acidic (n=12)

pH







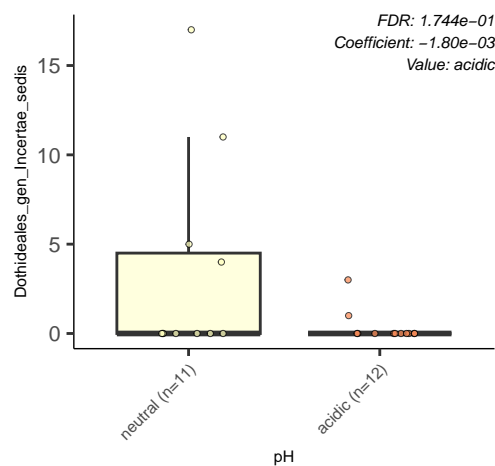
Dothideales_gen_Incertae_sedis

FDR: 1.744e-01
Coefficient: -1.80e-03
Value: acidic

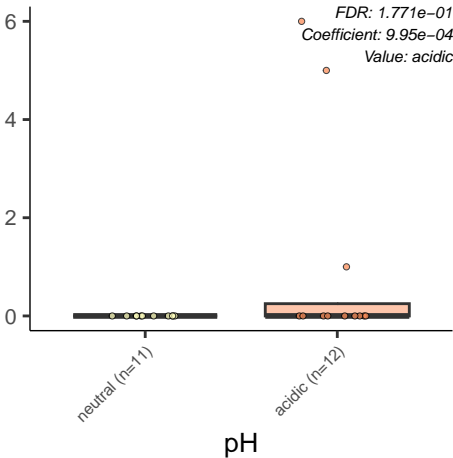
neutral (n=11)

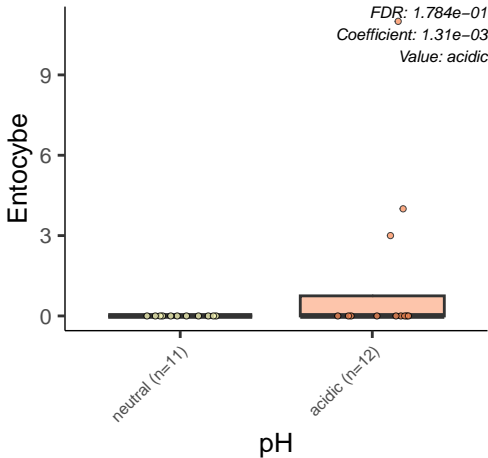
acidic (n=12)

pH



Filobasidiella





Sphaerulina

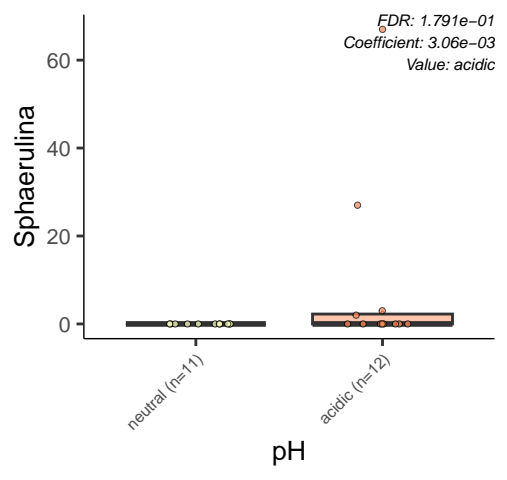
FDR: $1.791e-01$
Coefficient: $3.06e-03$
Value: acidic

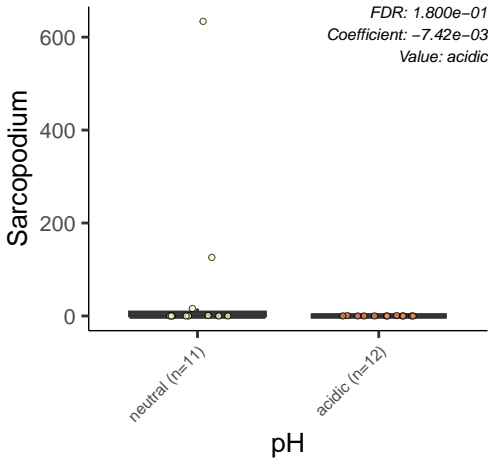
neutral (n=11)

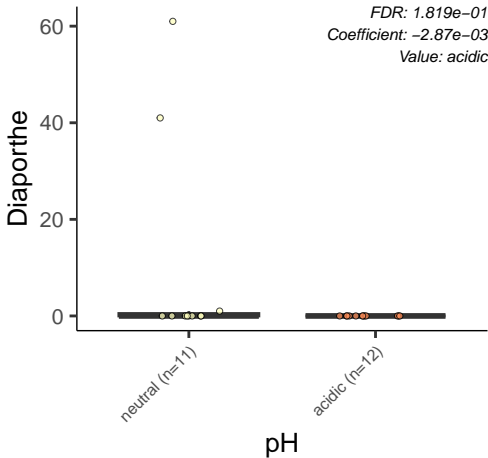
acidic (n=12)

pH

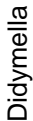
60
40
20
0







Value: acidic



20000

15000

10000

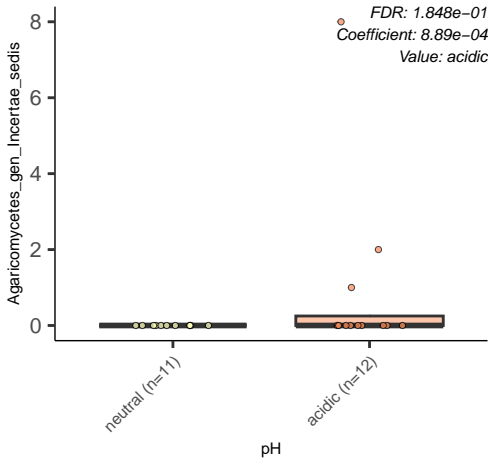
5000

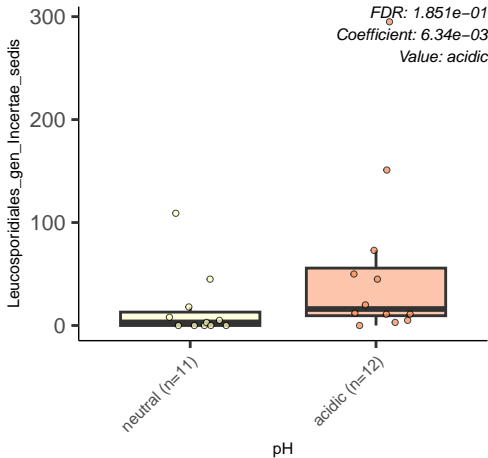
0

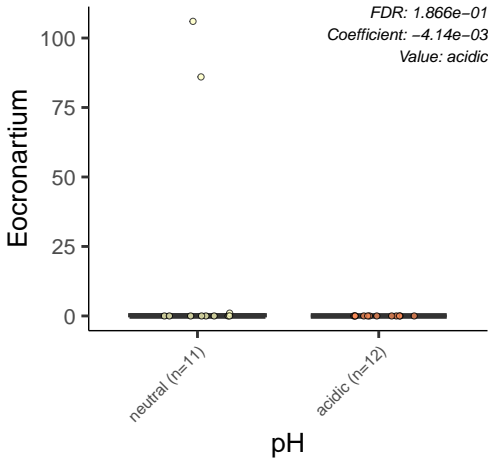
neutral (n=11)

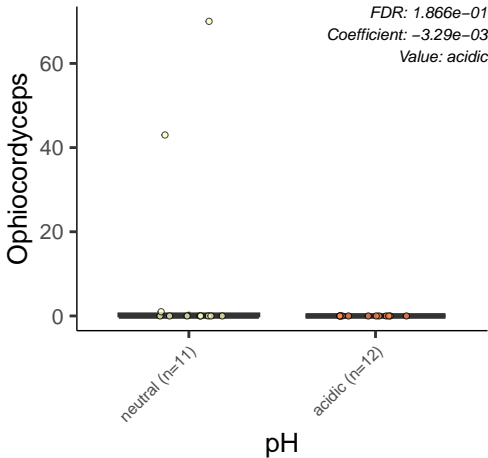
acidic ($n=12$)

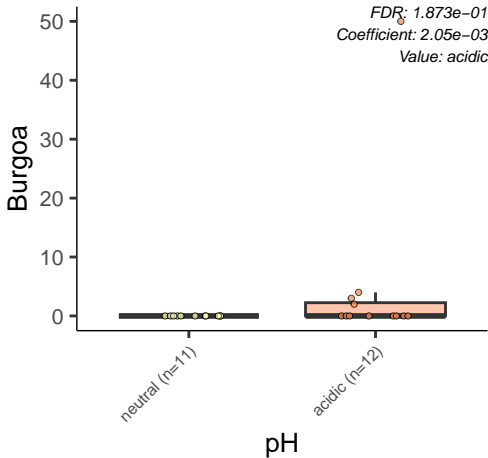
pH

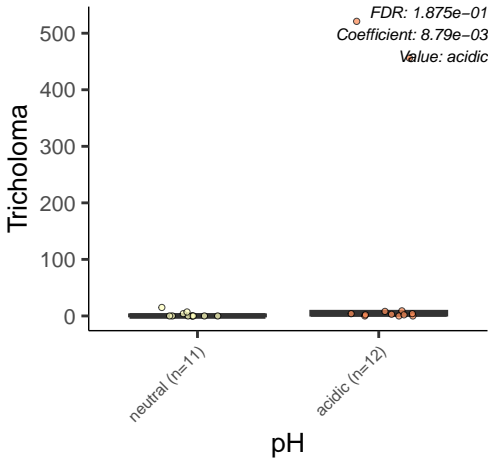


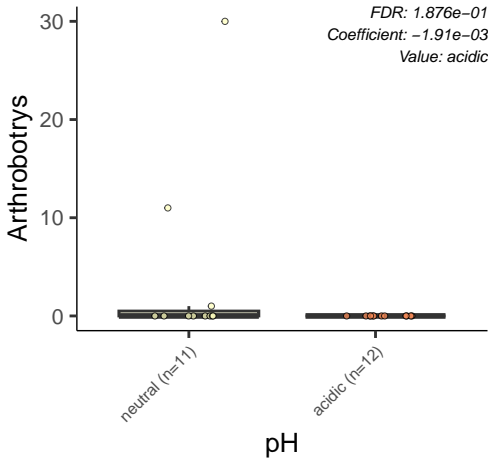


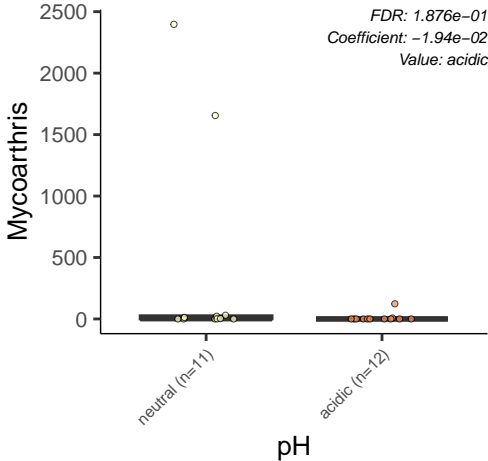












Piskurozyma

FDR: 1.908e-01
Coefficient: 5.72e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

200
150
100
50
0

neutral (n=11)

acidic (n=12)

pH

neutral (n=11)

acidic (n=12)

pH

Xenasmatella

FDR: $1.911e-01$
Coefficient: $4.69e-03$
Value: acidic

neutral (n=11)

acidic (n=12)

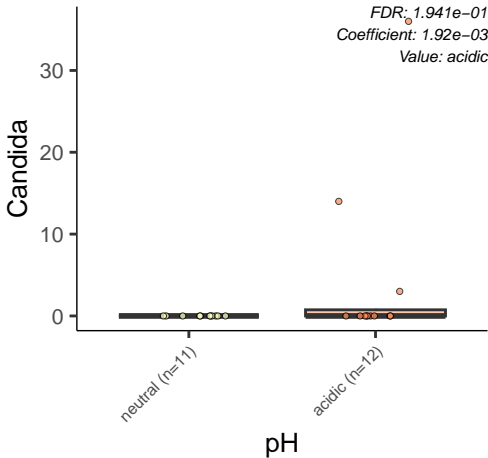
pH

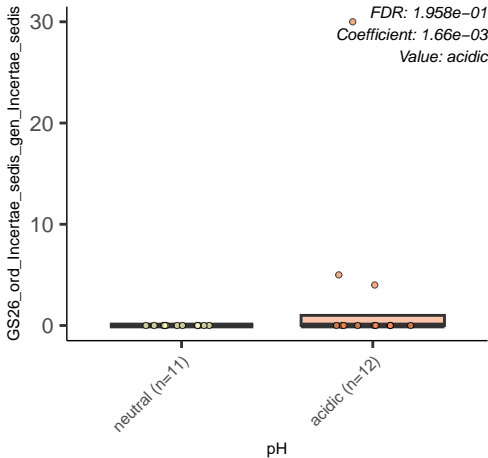
150

100

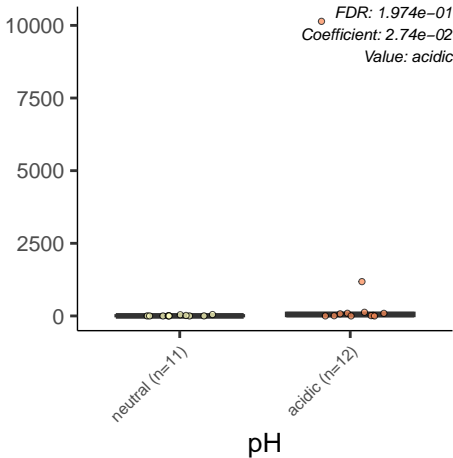
50

0





Sistotrema



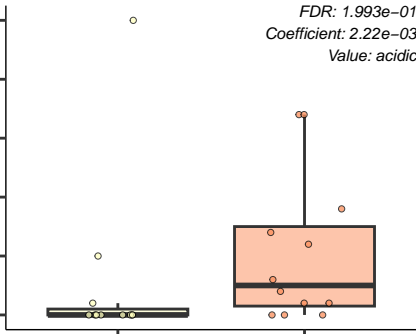
Neurospora

FDR: 1.993e-01
Coefficient: 2.22e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



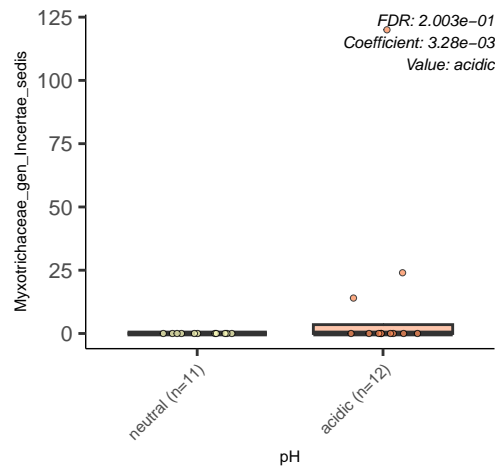
Myxotrichaceae_gen_Incertae_sedis

FDR: 2.003e-01
Coefficient: 3.28e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Naganishia

FDR: 2.015e-01

Coefficient: -4.64e-03

Value: acidic

neutral (n=11)

acidic (n=12)

pH

200

150

100

50

0

Phaeococcomyces

FDR: 2.022e-01

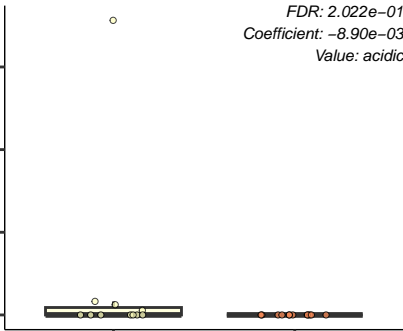
Coefficient: -8.90e-03

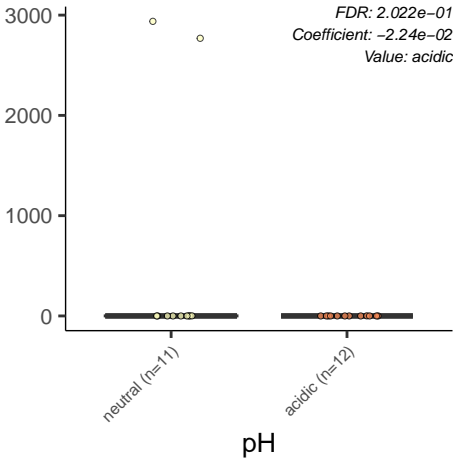
Value: acidic

neutral (n=11)

acidic (n=12)

pH





Geminibasidium

10000

5000

0

neutral (n=11)

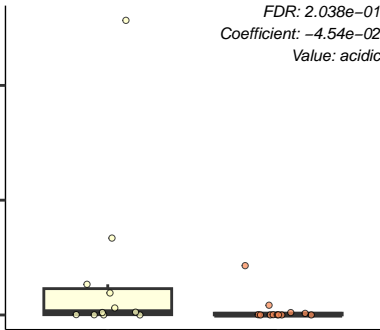
acidic (n=12)

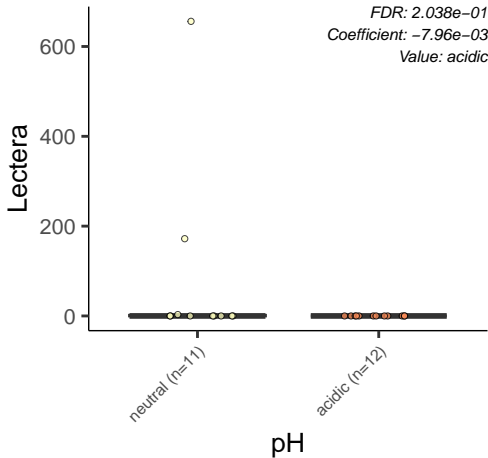
pH

FDR: 2.038e-01

Coefficient: -4.54e-02

Value: acidic





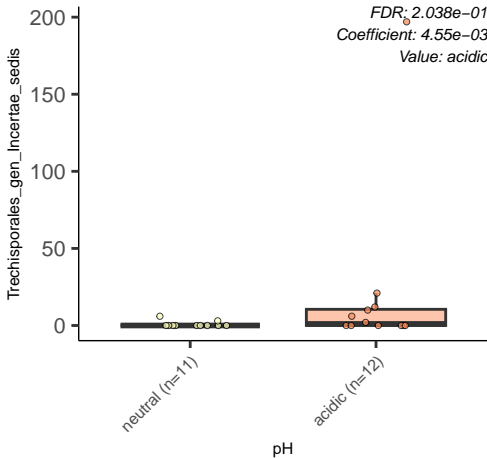
Trechisporales_gen_Incertae_sedis

FDR: 2.038e-01
Coefficient: 4.55e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Athelia

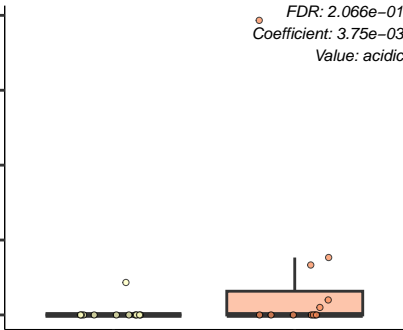
120
90
60
30
0

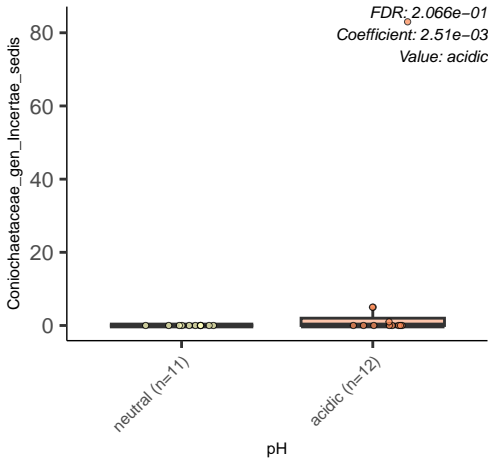
FDR: 2.066e-01
Coefficient: 3.75e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH





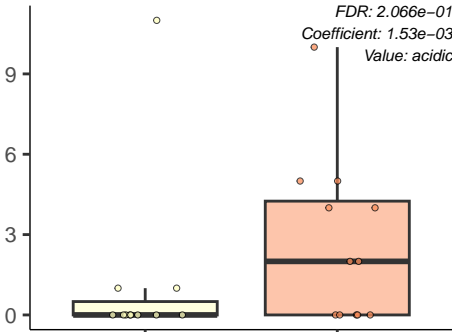
Kuehneromyces

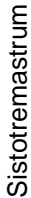
neutral (n=11)

acidic (n=12)

pH

FDR: 2.066e-01
Coefficient: 1.53e-03
Value: acidic



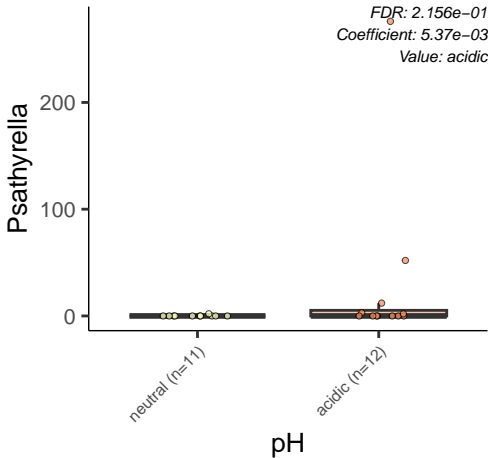


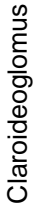
FDR: 2.089e-01
Coefficient: 7.21e-03
Value: acidic

neutral (n=11)

acidic ($n=12$)

pH





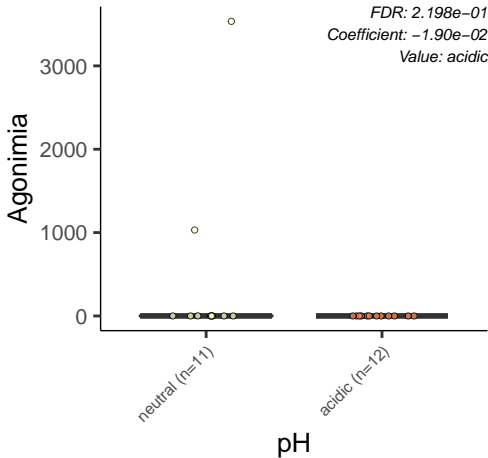
FDR: 2.158e-01

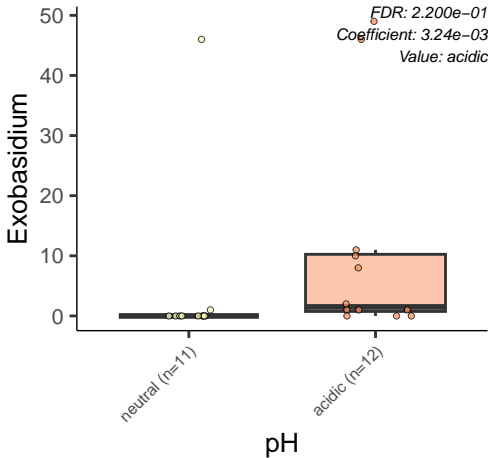
Coefficient: $-2.10e-03$

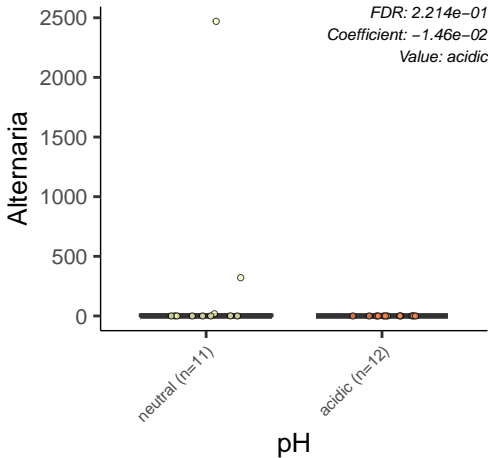
Value: acidic

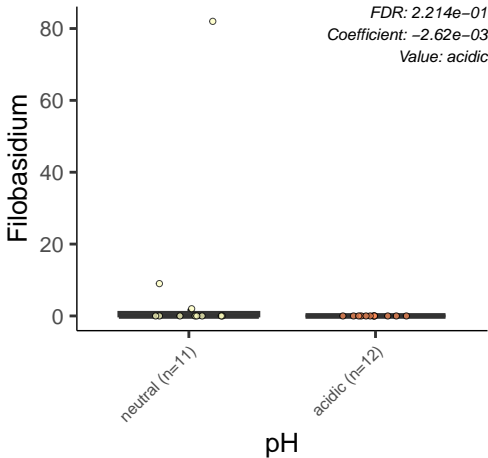


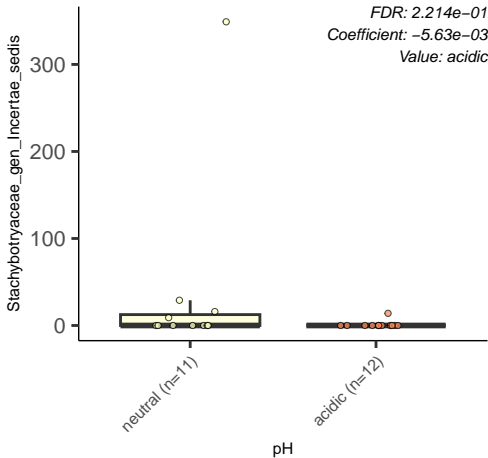
pH

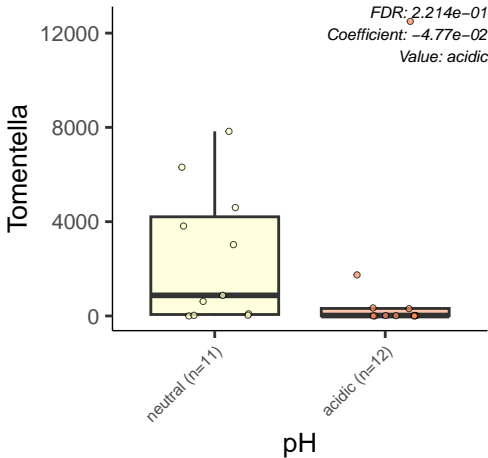




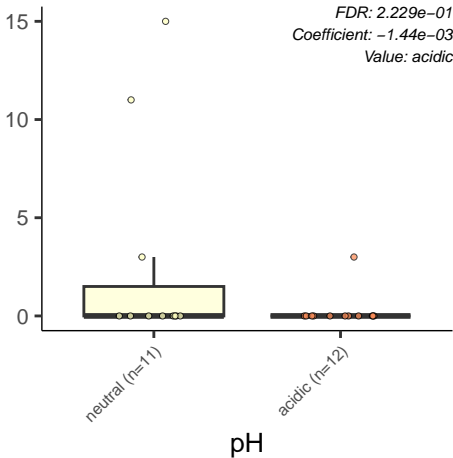








Collophorina



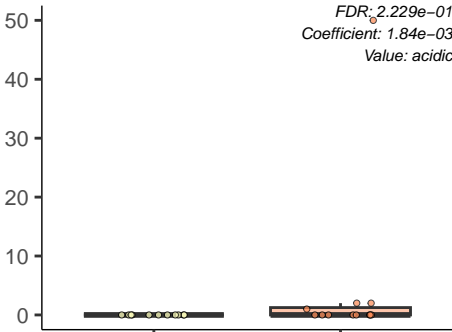
Mystinarius

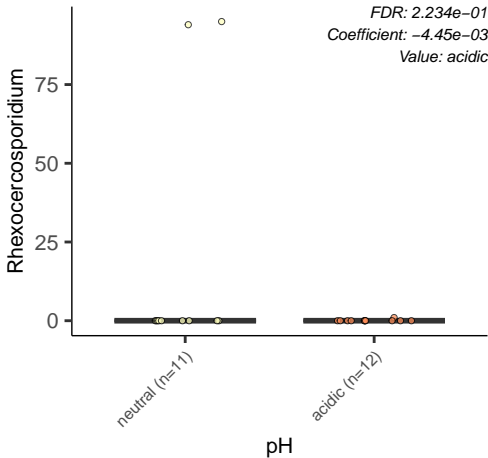
FDR: 2.229e-01
Coefficient: 1.84e-03
Value: acidic

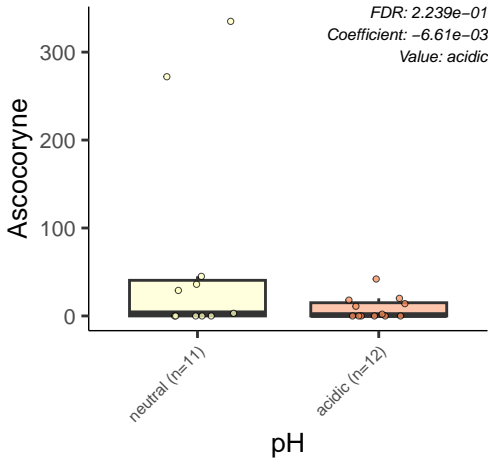
neutral (n=11)

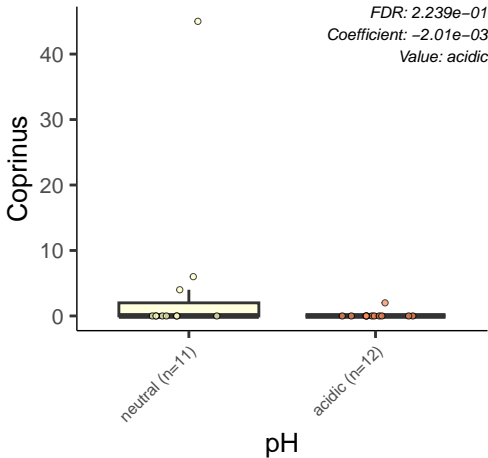
acidic (n=12)

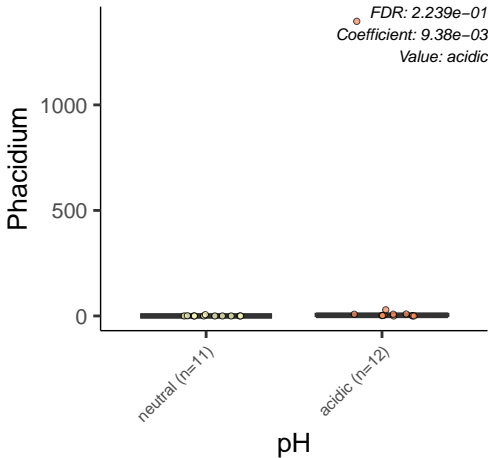
pH

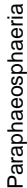












FDR: 2.244e-01

Coefficient: $-6.94e-03$

Value: acidic

300

200

100

0

neutral (n=11)

acidic ($n=12$)

pH



FDR: 2.252e-01

Coefficient: -6.53e-03

Value: acidic

400

200

0

neutral (n=11)

acidic ($n=12$)

pH

Chalara

FDR: 2.258e-01
Coefficient: 4.96e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

300

200

100

0

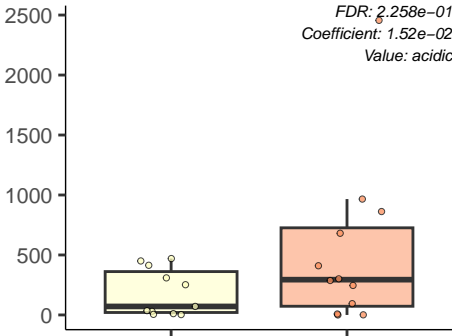
Mytilinidion

FDR: 2.258e-01
Coefficient: 1.52e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Mycenaceae_gen_Incertae_sedis

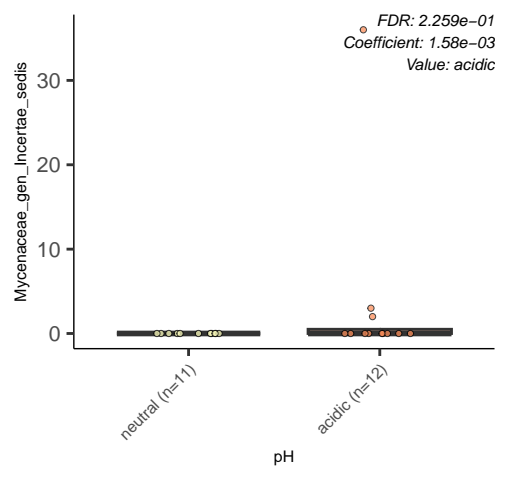
FDR: 2.259e-01
Coefficient: 1.58e-03
Value: acidic

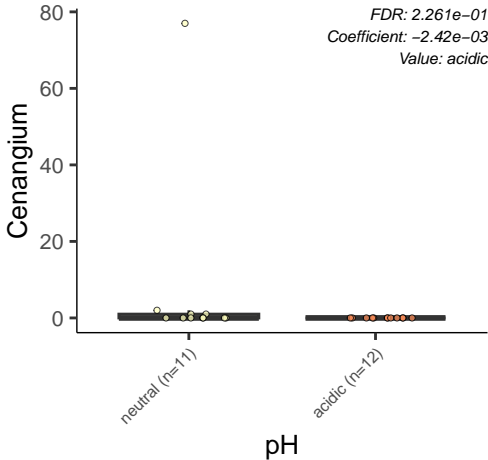
30
20
10
0

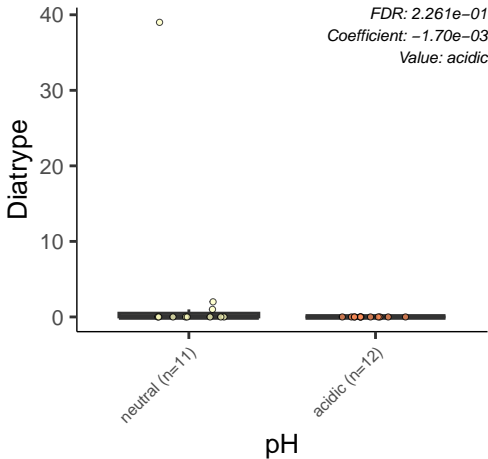
neutral (n=11)

acidic (n=12)

pH







Myrmecridium

FDR: 2.261e-01
Coefficient: -4.36e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

150

100

50

0

Pseudeurotium

FDR: 2.261e-01

Coefficient: -2.18e-02

Value: acidic

4000

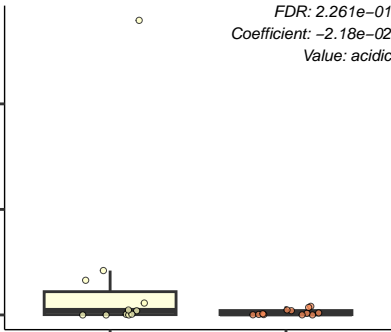
2000

0

neutral (n=11)

acidic (n=12)

pH



Stilbella

FDR: 2.261e-01
Coefficient: 2.11e-02
Value: acidic

2000

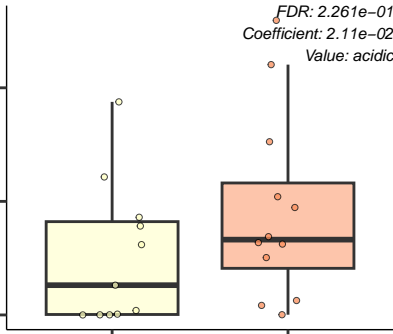
1000

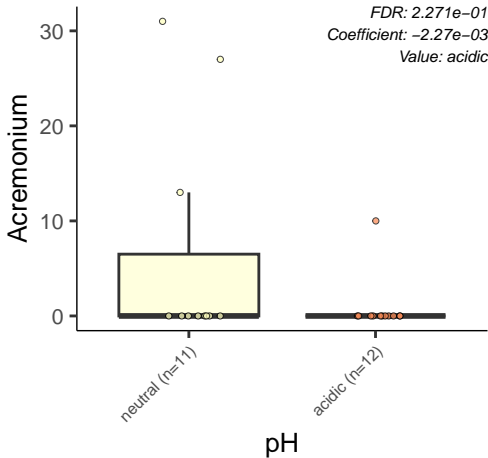
0

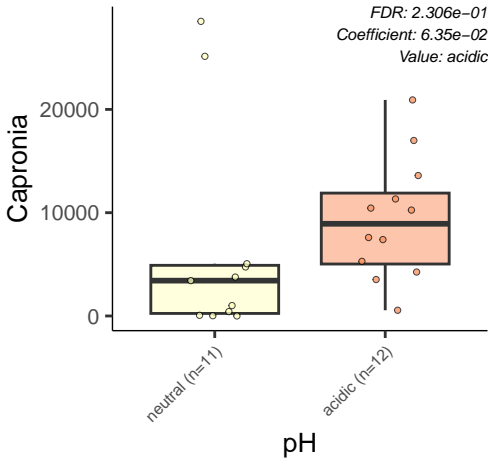
neutral (n=11)

acidic (n=12)

pH









FDR: 2.344e-01

Coefficient: $-1.09e-02$

Value: acidic

1500

1000

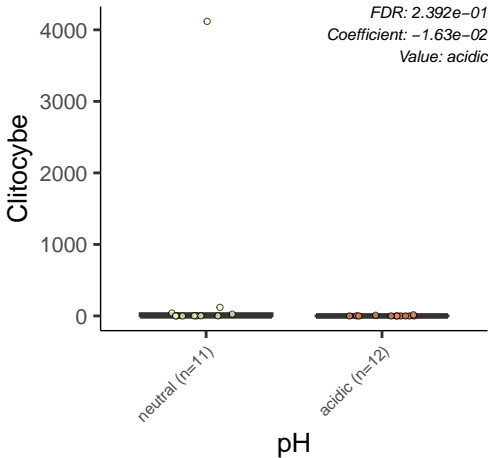
500

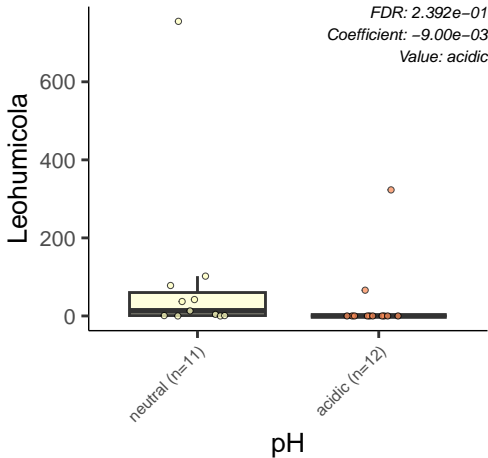
0

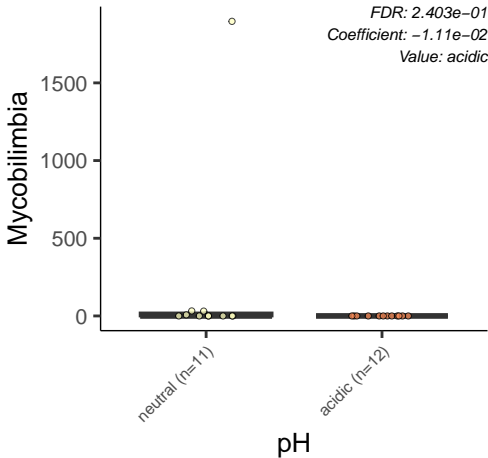
neutral (n=11)

acidic ($n=12$)

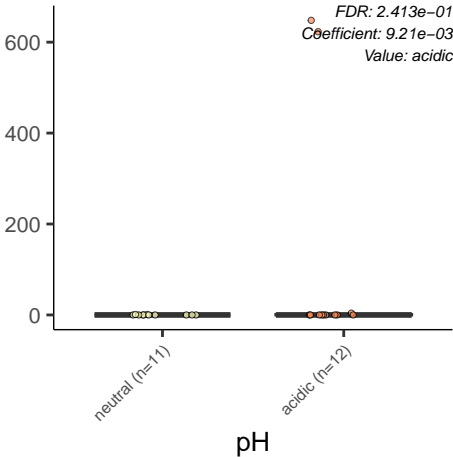
pH







Phlegmacium



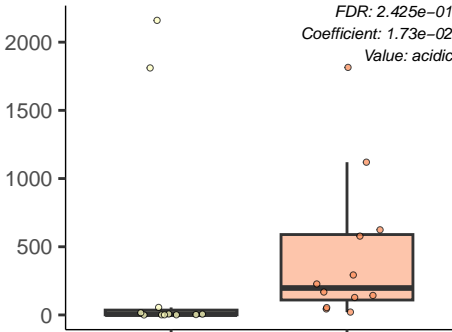
Suillus

neutral (n=11)

acidic (n=12)

pH

FDR: 2.425e-01
Coefficient: 1.73e-02
Value: acidic



Phacidiales_gen_Incertae_sedis

FDR: 2.444e-01
Coefficient: 6.20e-03
Value: acidic

200

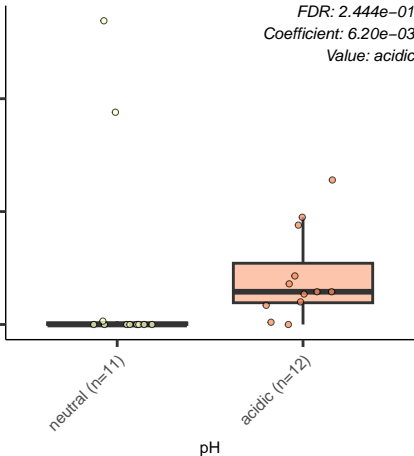
100

0

neutral (n=11)

acidic (n=12)

pH



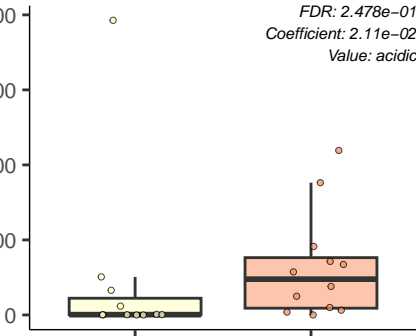
Mycosymbiocytes

FDR: 2.478e-01
Coefficient: 2.11e-02
Value: acidic

neutral (n=11)

acidic (n=12)

pH



Hymenocyphus

FDR: 2.499e-01
Coefficient: 1.67e-03
Value: acidic

neutral (n=11)

acidic (n=12)

pH

