

Halovirus.HSTV.2

*FDR: 5.083e-09*  
*Coefficient: 5.12e+00*  
*Value: August*

April (n=4)

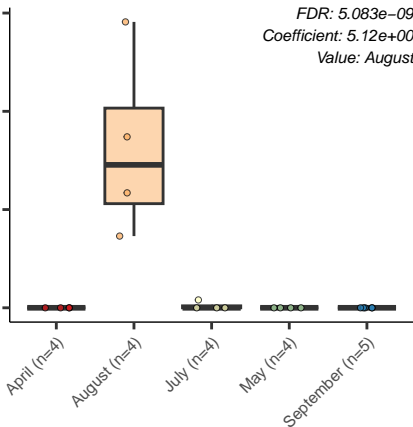
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month

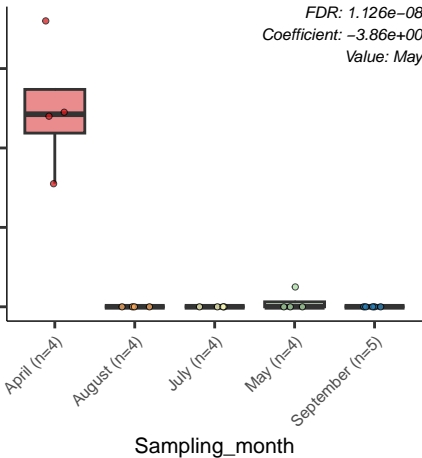


Amphidinium.carterae

FDR: 1.126e-08

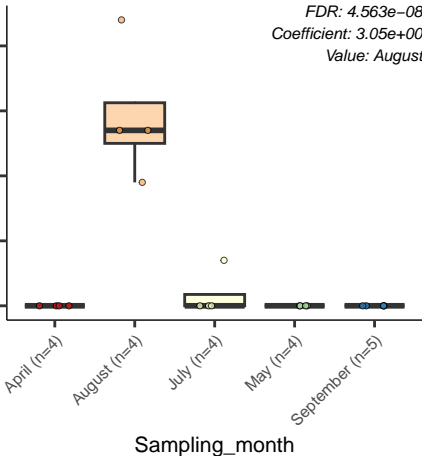
Coefficient: -3.86e+00

Value: May



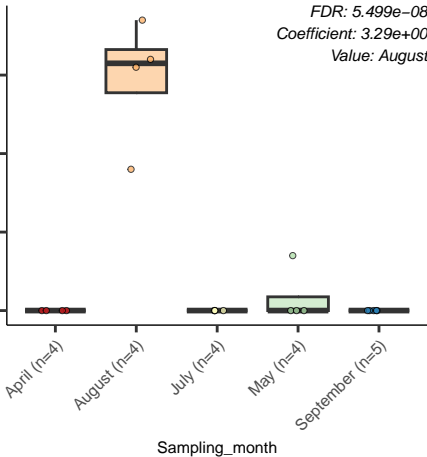
Halolamina.salina

*FDR: 4.563e-08*  
*Coefficient: 3.05e+00*  
*Value: August*



uncultured.Halorhabdus.sp.

FDR: 5.499e-08  
Coefficient: 3.29e+00  
Value: August

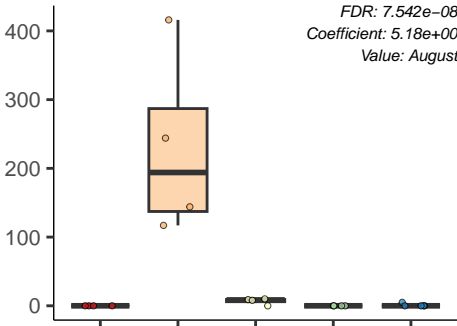


Halovirus.HRTV.7

*FDR: 7.542e-08*  
*Coefficient: 5.18e+00*  
*Value: August*

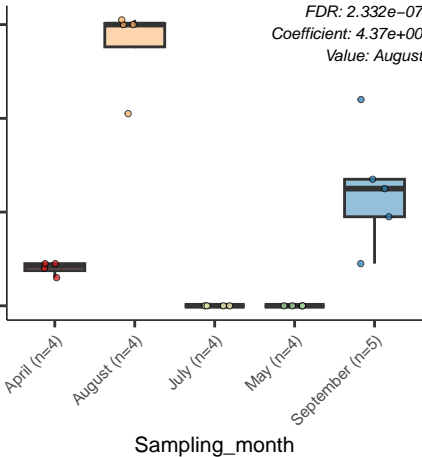
April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

Sampling\_month

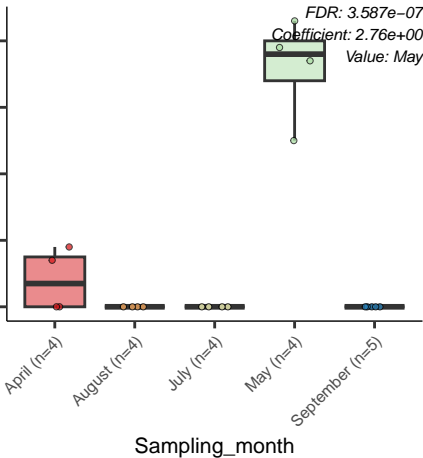


Kocuria.rhizophila

FDR: 2.332e-07  
Coefficient: 4.37e+00  
Value: August



Rhizochromulina.marina



Phormidium.lucidum

*FDR: 3.918e-07*

*Coefficient: -4.54e+00*

*Value: August*

April (n=4)

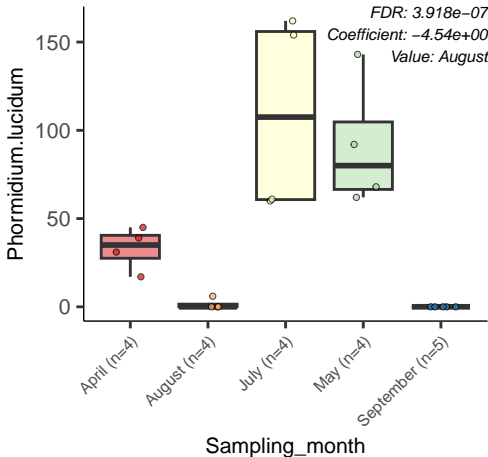
August (n=4)

July (n=4)

May (n=4)

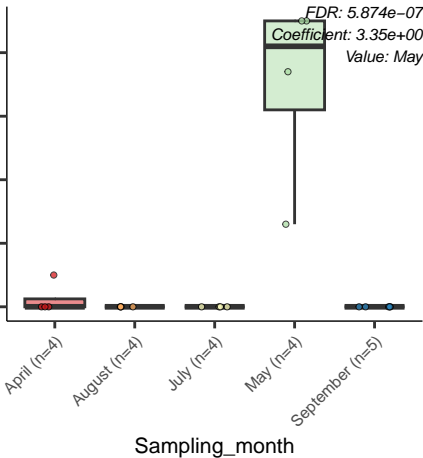
September (n=5)

Sampling\_month





Cylindrotheca.fusiformis



Phormidium.sp..IFBC.Phod32

FDR:  $8.244e-07$   
Coefficient:  $-4.02e+00$   
Value: August

April (n=4)

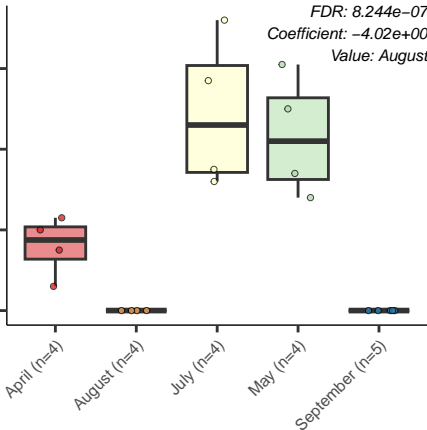
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Rufibacter.sp..DG31D

15  
10  
5  
0

April (n=4)

August (n=4)

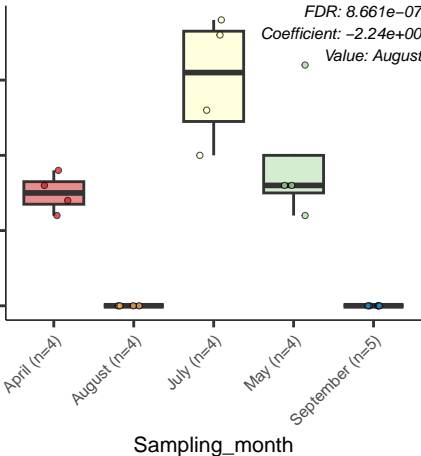
July (n=4)

May (n=4)

September (n=5)

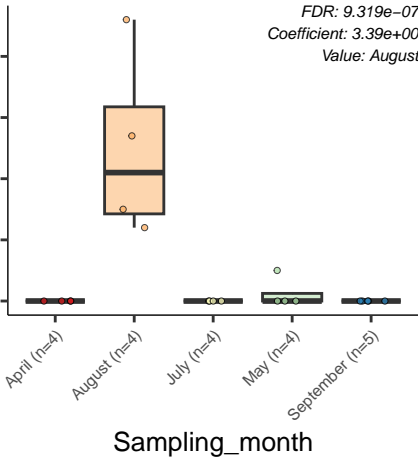
Sampling\_month

*FDR: 8.661e-07*  
*Coefficient: -2.24e+00*  
*Value: August*

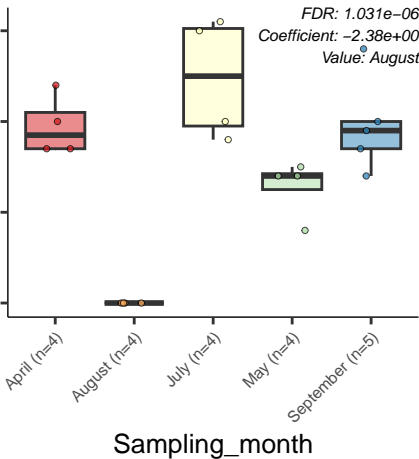


Halorhabdus.sp.

FDR:  $9.319 \times 10^{-7}$   
Coefficient:  $3.39 \times 10^0$   
Value: August

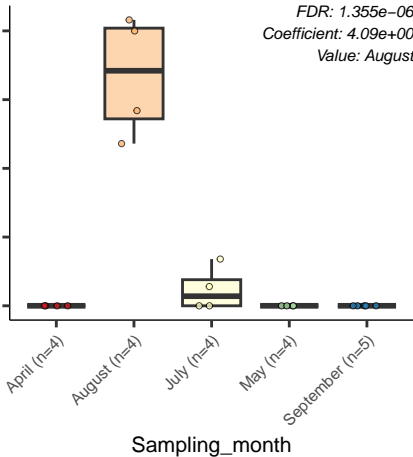


Cobetia.marina

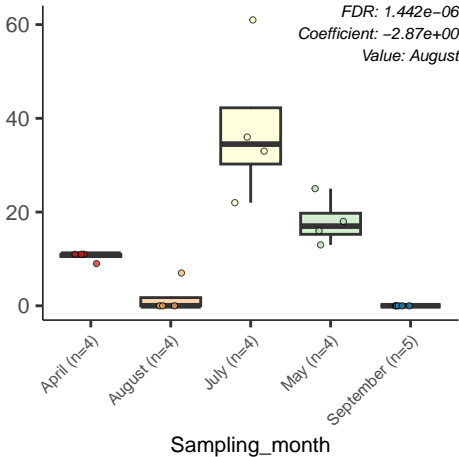


Halorubrum.sp..TP001

*FDR: 1.355e-06*  
*Coefficient: 4.09e+00*  
*Value: August*

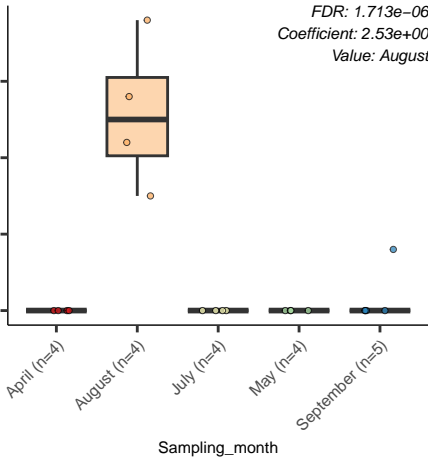


Lutibacter.profundii



Candidatus.Pantoea.carbekii

FDR: 1.713e-06  
Coefficient: 2.53e+00  
Value: August



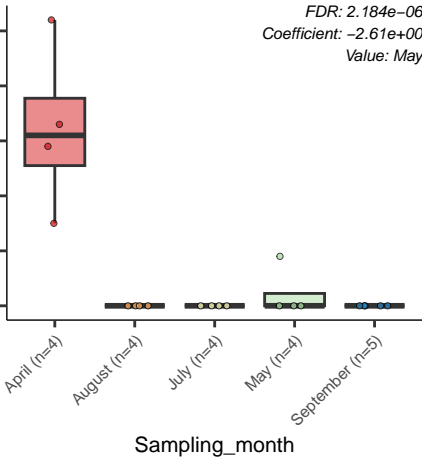


Polaribacter.sejongensis

FDR:  $2.184e-06$

Coefficient:  $-2.61e+00$

Value: May



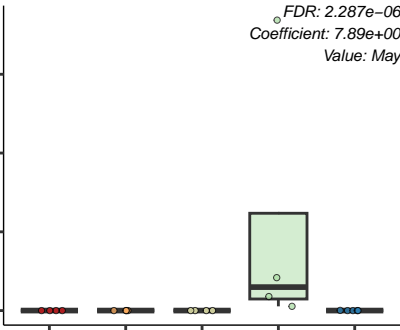
Pseudoalteromonas.piscicida

FDR: 2.287e-06  
Coefficient: 7.89e+00  
Value: May

April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

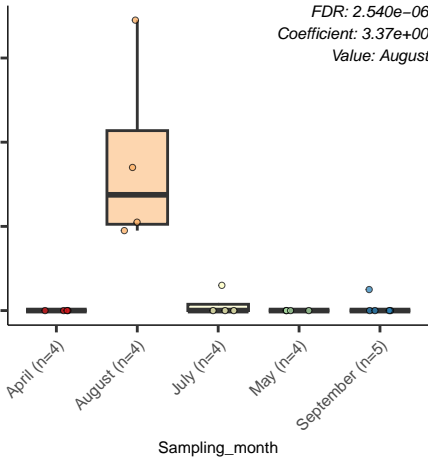
Sampling\_month

7500  
5000  
2500  
0



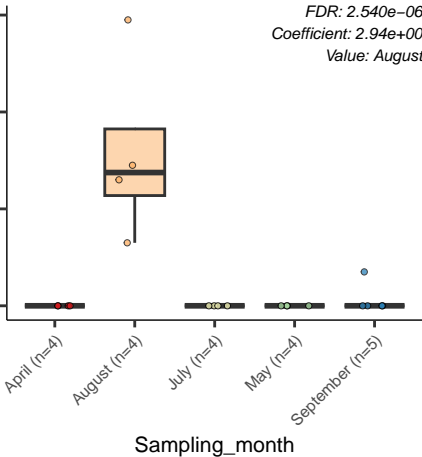
Chromohalobacter.nigrandesensis

FDR: 2.540e-06  
Coefficient: 3.37e+00  
Value: August



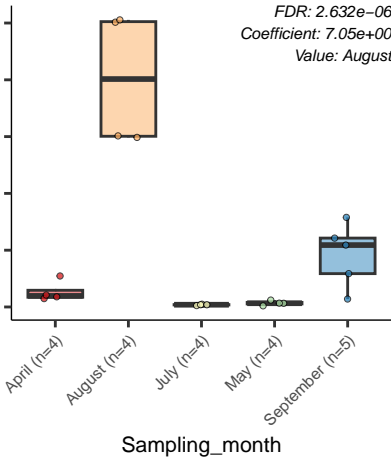
Salinicola.halophilus

FDR: 2.540e-06  
Coefficient: 2.94e+00  
Value: August



Halothece.sp..PCC.7418

*FDR: 2.632e-06*  
*Coefficient: 7.05e+00*  
*Value: August*



*Vibrio.coralliilyticus*

FDR:  $2.736e-06$   
Coefficient:  $2.92e+00$   
Value: May

April (n=4)

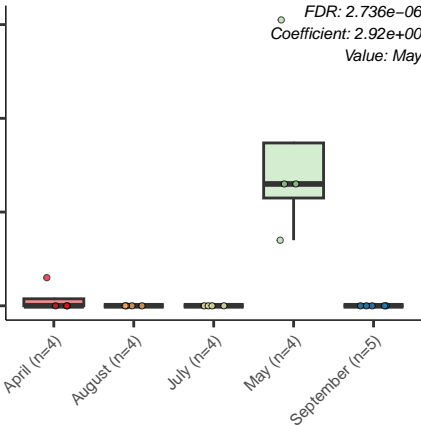
August (n=4)

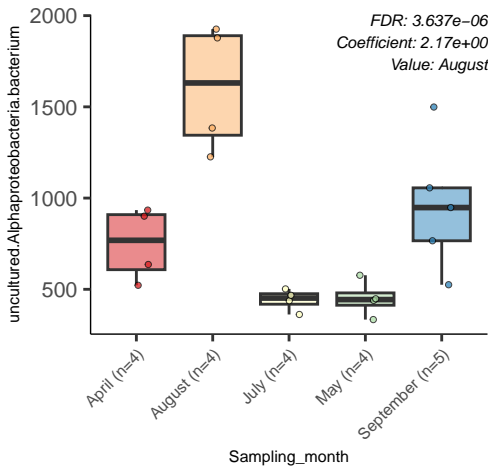
July (n=4)

May (n=4)

September (n=5)

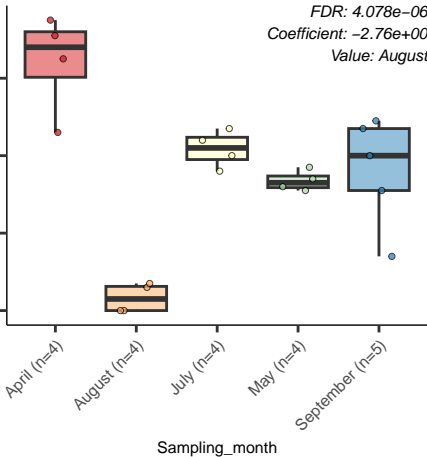
Sampling\_month





Microbulbifer.thermotolerans

FDR:  $4.078e-06$   
Coefficient:  $-2.76e+00$   
Value: August





Pseudanabaena.sp..PCC.9015

*FDR: 4.977e-06*  
*Coefficient: -3.07e+00*  
*Value: August*

April (n=4)

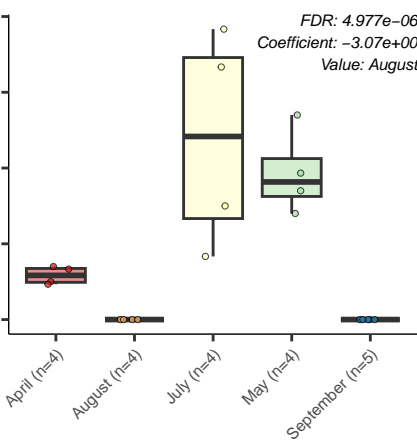
August (n=4)

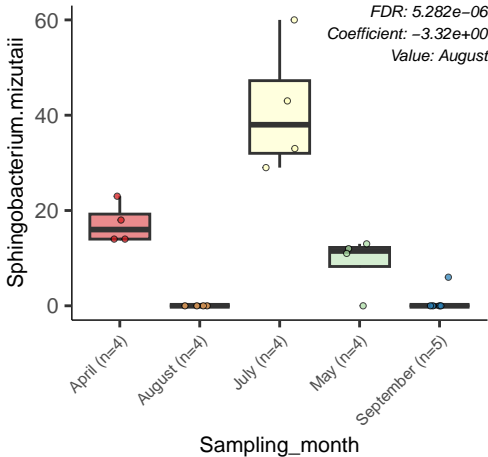
July (n=4)

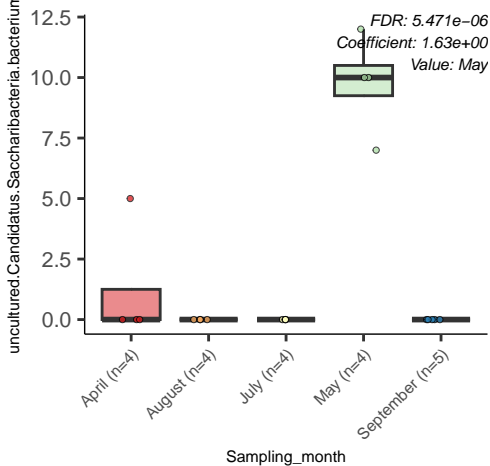
May (n=4)

September (n=5)

Sampling\_month

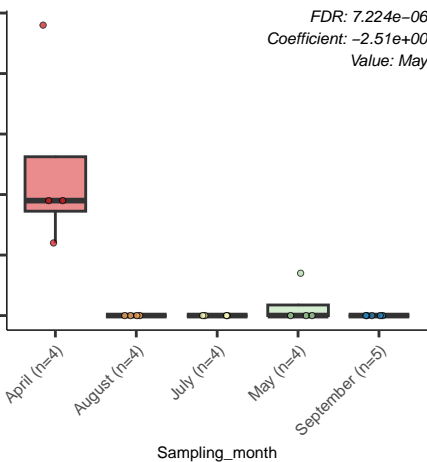




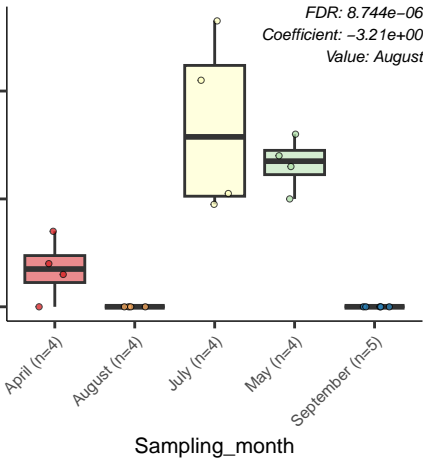


uncultured.Winogradskyella.sp.

FDR:  $7.224e-06$   
Coefficient:  $-2.51e+00$   
Value: May

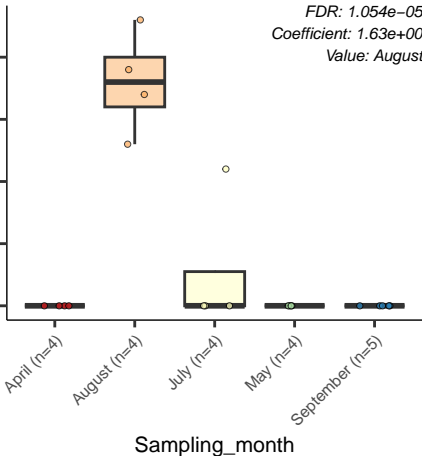


Phormidium.sp..LEGE.11384



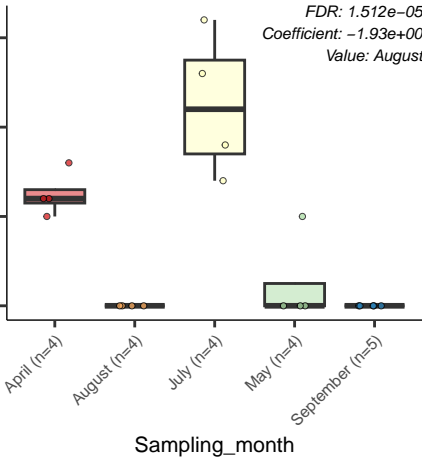
Halorubrum.sp..ejinoor

*FDR: 1.054e-05*  
*Coefficient: 1.63e+00*  
*Value: August*

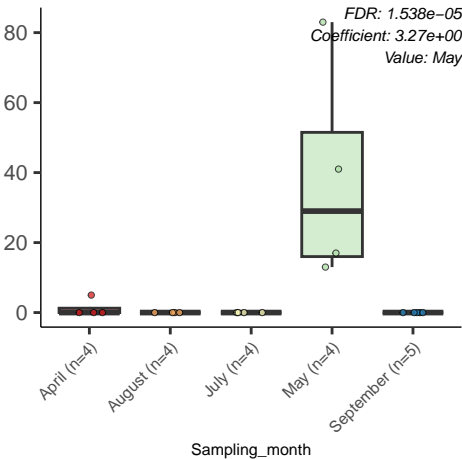


Pelosinus.fermentans

*FDR: 1.512e-05*  
*Coefficient: -1.93e+00*  
*Value: August*

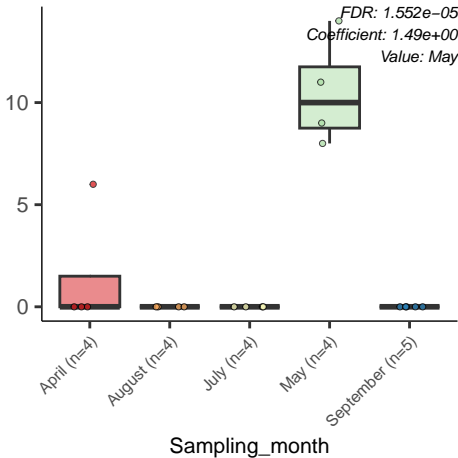


Pseudoalteromonas.luteoviolacea



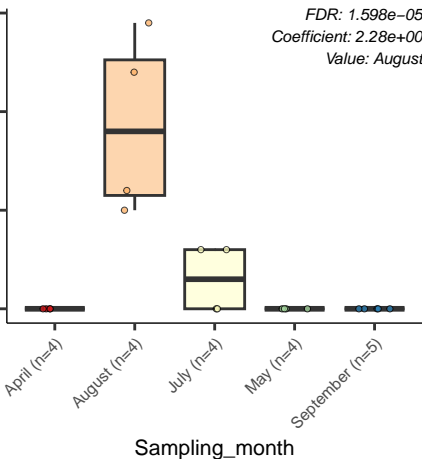


Klebsiella.pneumoniae



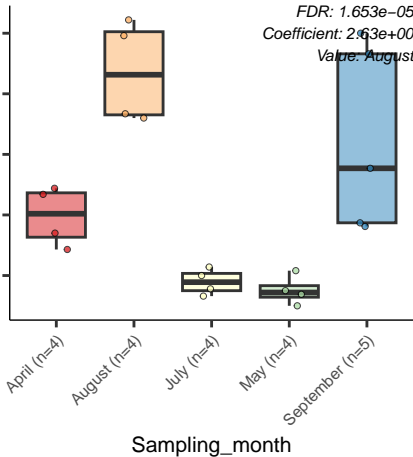
Halorubrum.sp..T3

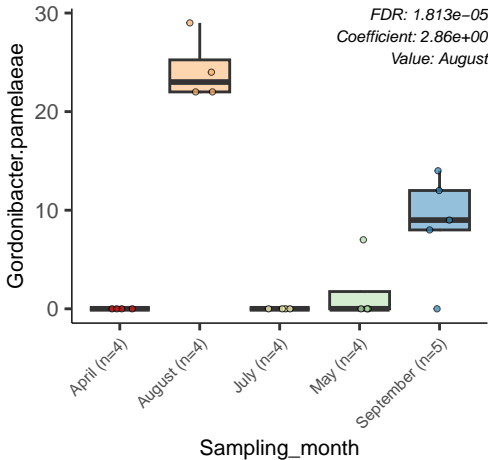
FDR: 1.598e-05  
Coefficient: 2.28e+00  
Value: August



Methylorubrum.populi

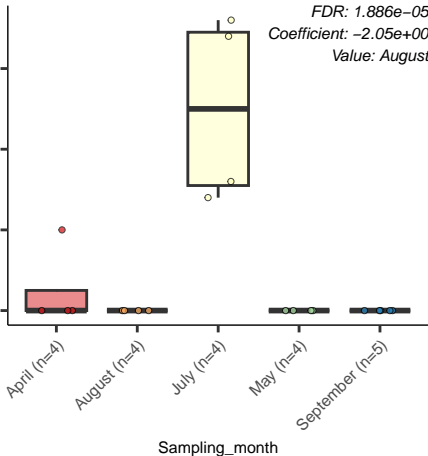
FDR: 1.653e-05  
Coefficient: 2.63e+00  
Value: August

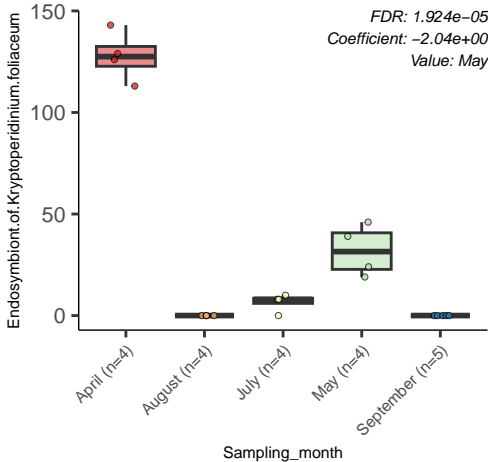




delta.proteobacterium.GMD14H09

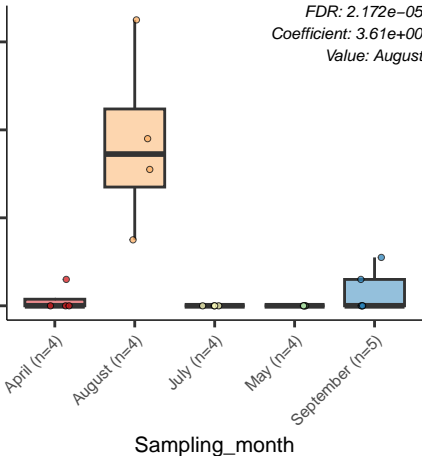
*FDR: 1.886e-05*  
*Coefficient: -2.05e+00*  
*Value: August*





Salicola.sp..12A.U

FDR: 2.172e-05  
Coefficient: 3.61e+00  
Value: August



Sulfurimonas.autotrophica

FDR: 2.213e-05  
Coefficient: -3.50e+00  
Value: August

April (n=4)

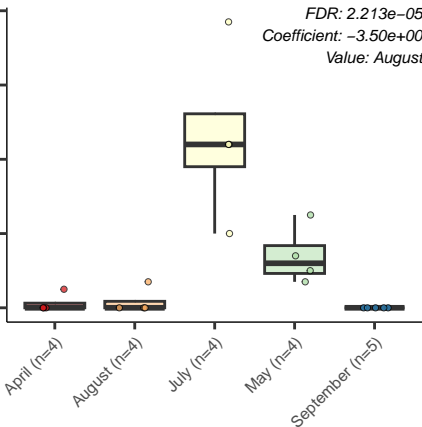
August (n=4)

July (n=4)

May (n=4)

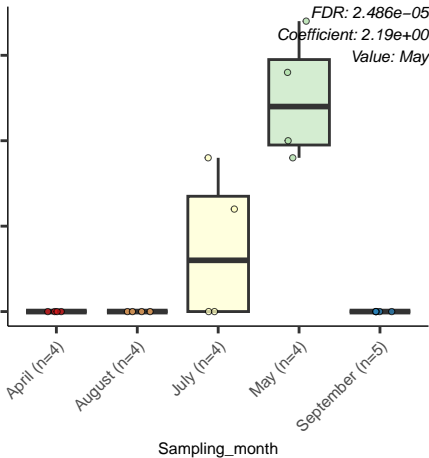
September (n=5)

Sampling\_month



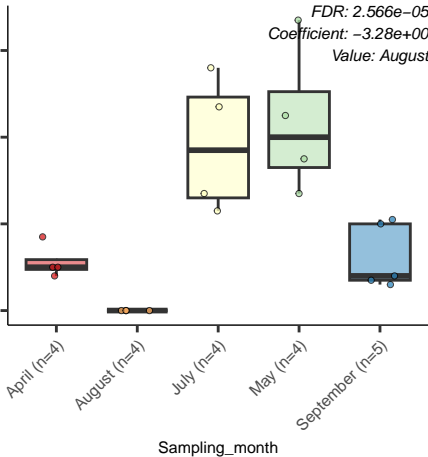


uncultured.delta.proteobacterium.HF0070\_10102



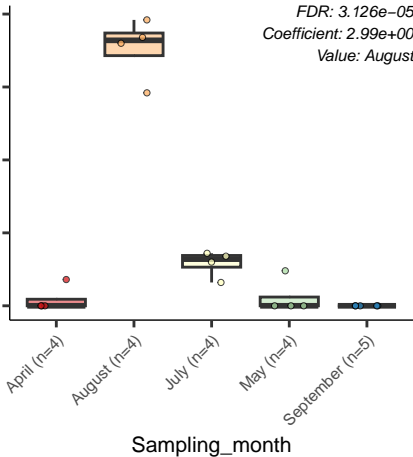
Ichthyobacterium.seriolicida

FDR: 2.566e-05  
Coefficient: -3.28e+00  
Value: August



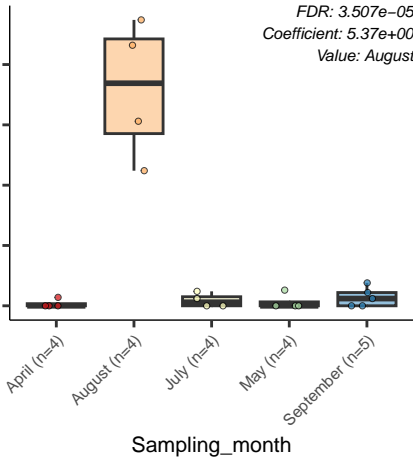
Halococcus.morruhae

FDR:  $3.126e-05$   
Coefficient:  $2.99e+00$   
Value: August

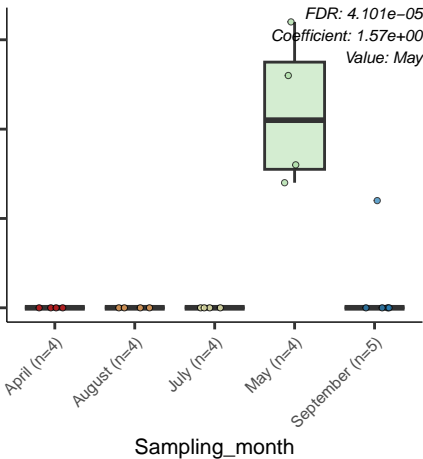


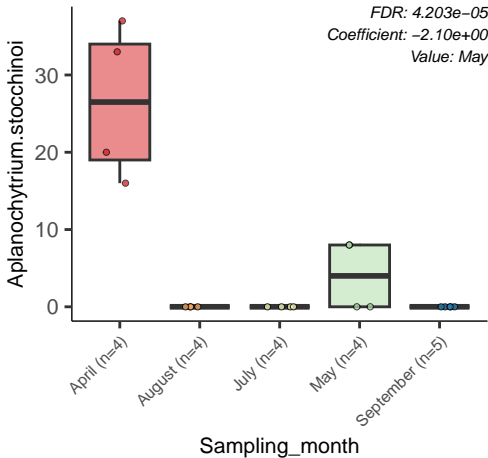
Halovirus.HHTV.1

*FDR: 3.507e-05*  
*Coefficient: 5.37e+00*  
*Value: August*



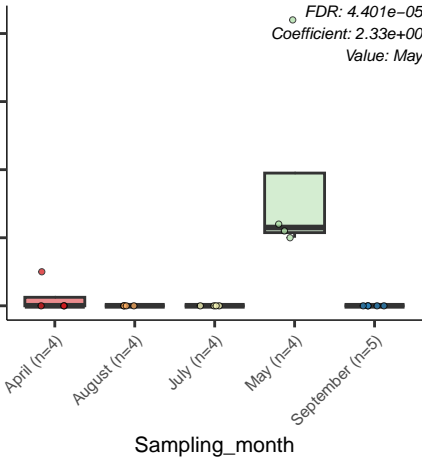
Vannella.septentrionalis





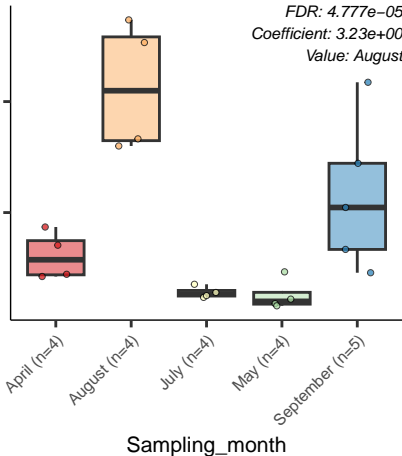
Proteus.mirabilis

FDR: 4.401e-05  
Coefficient: 2.33e+00  
Value: May

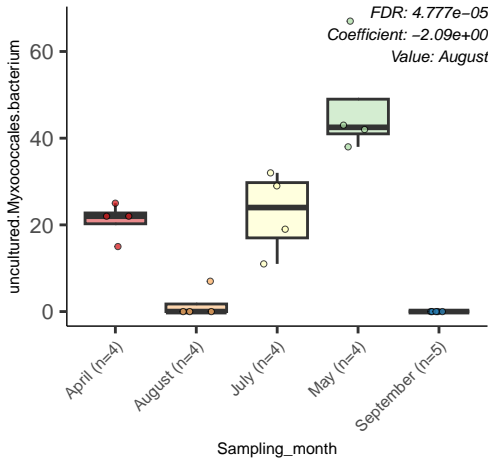


Tistrella.mobilis

FDR: 4.777e-05  
Coefficient: 3.23e+00  
Value: August

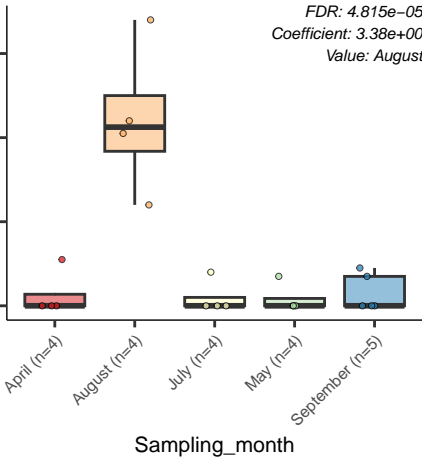






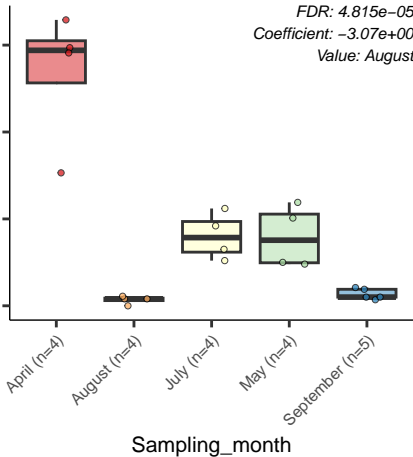
Melittangium.boletus

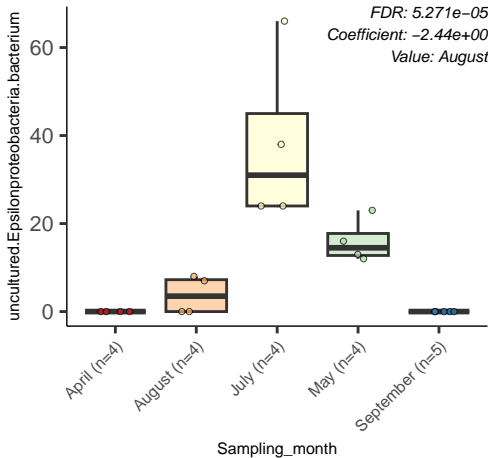
FDR:  $4.815e-05$   
Coefficient:  $3.38e+00$   
Value: August



Winogradskyella.sp..PC.19

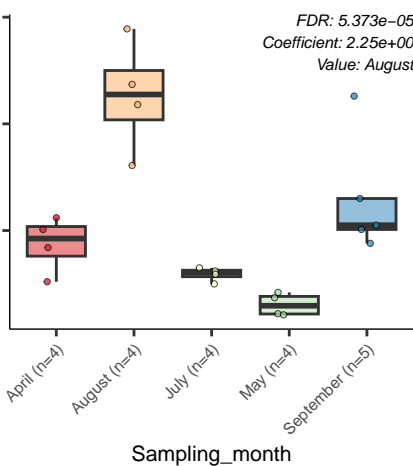
FDR:  $4.815e-05$   
Coefficient:  $-3.07e+00$   
Value: August





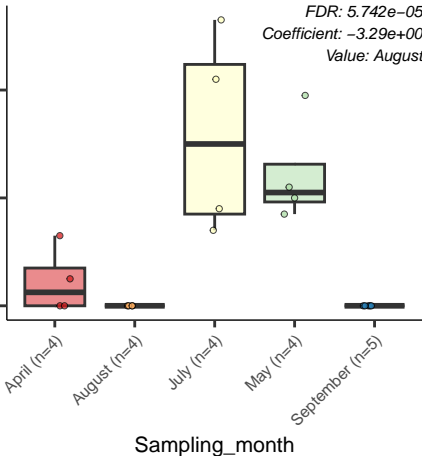
Azospirillum.lipoferum

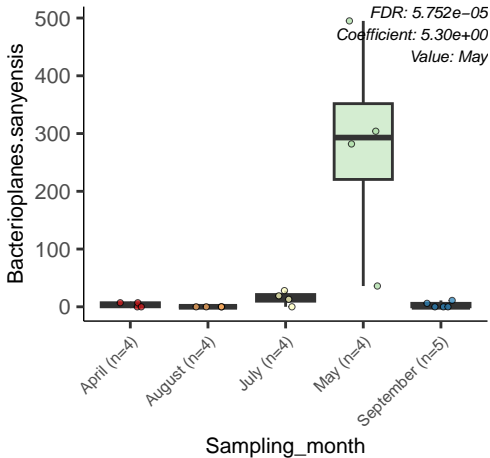
FDR: 5.373e-05  
Coefficient: 2.25e+00  
Value: August

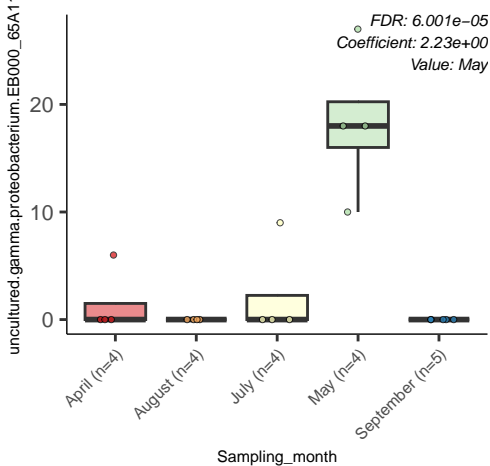


Phormidium.sp..IFBC.Pho05

FDR:  $5.742e-05$   
Coefficient:  $-3.29e+00$   
Value: August



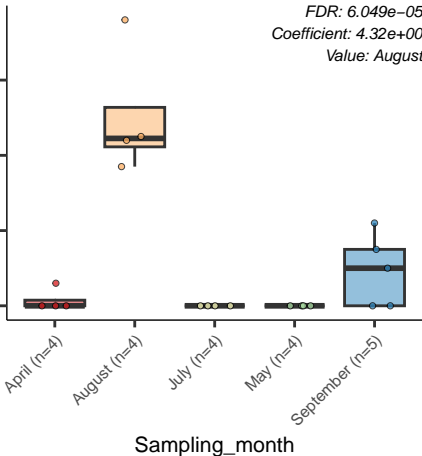






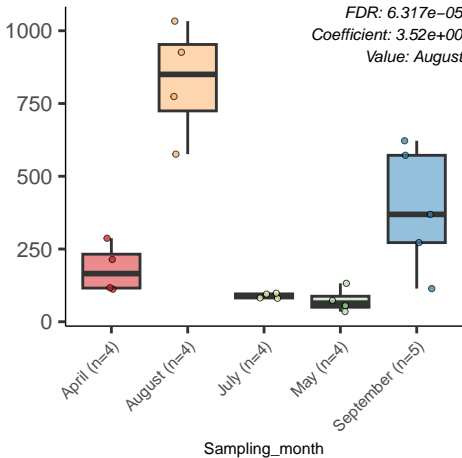
Aphanothece.halophytica

FDR: 6.049e-05  
Coefficient: 4.32e+00  
Value: August



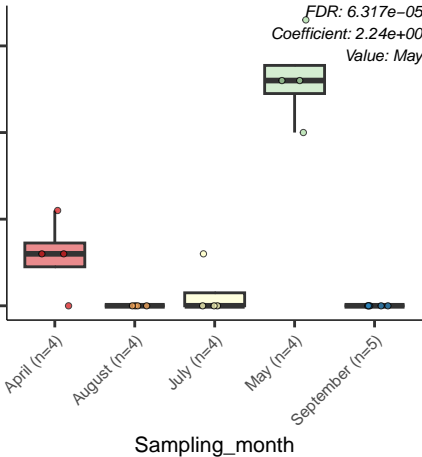
uncultured.alpha.proteobacterium.EF100\_102A06

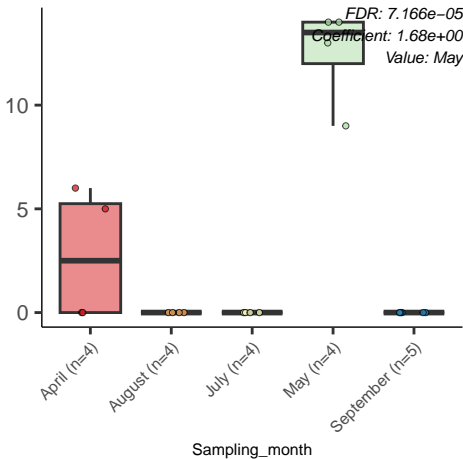
FDR: 6.317e-05  
Coefficient: 3.52e+00  
Value: August



Peridinium.foliaceum

FDR:  $6.317e-05$   
Coefficient:  $2.24e+00$   
Value: May



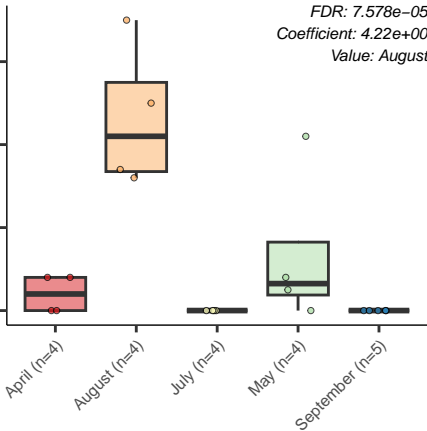


environmental.Halophage.eHP.7

FDR: 7.578e-05

Coefficient: 4.22e+00

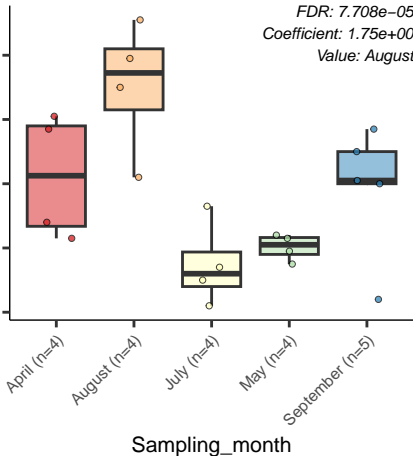
Value: August



Sampling\_month

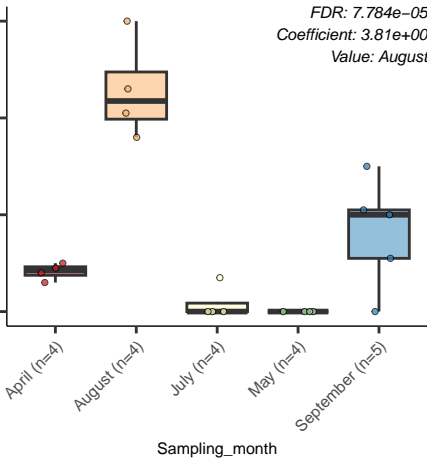
Bosea.vaviloviae

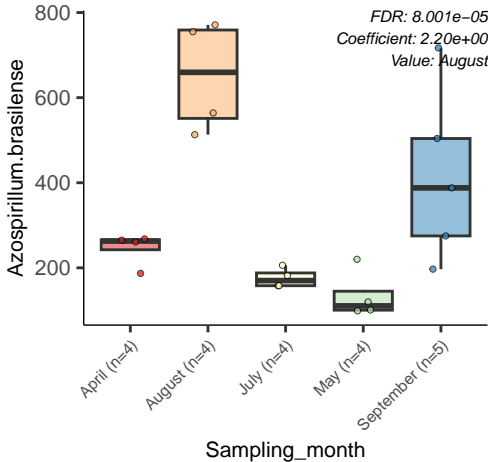
*FDR: 7.708e-05*  
*Coefficient: 1.75e+00*  
*Value: August*



Mesorhizobium.sp..STM.4662

FDR:  $7.784e-05$   
Coefficient:  $3.81e+00$   
Value: August



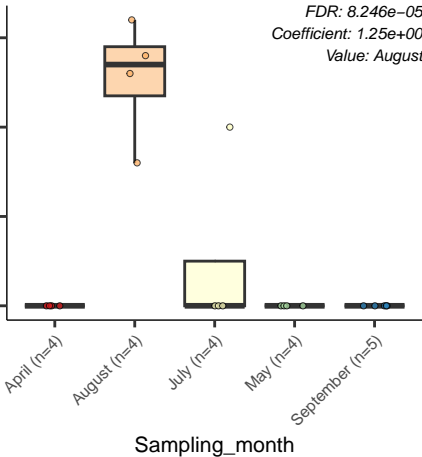






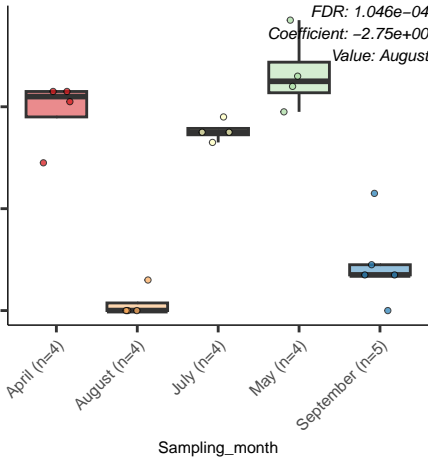
Halorubrum.sp.:TP154

*FDR: 8.246e-05*  
*Coefficient: 1.25e+00*  
*Value: August*



uncultured.Cryomorphaceae.bacterium

FDR:  $1.046e-04$   
Coefficient:  $-2.75e+00$   
Value: August



uncultured.microeukaryote

15  
10  
5  
0

April (n=4)

August (n=4)

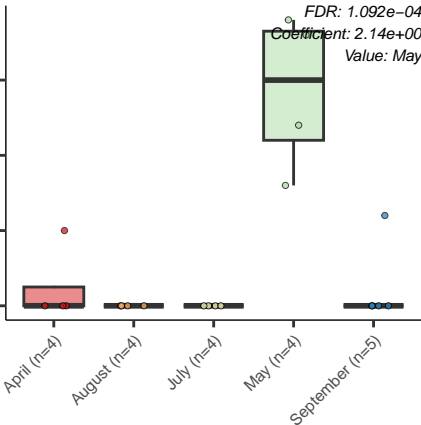
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

FDR: 1.092e-04  
Coefficient: 2.14e+00  
Value: May



Salinivibrio.proteolyticus

75

50

25

0

April (n=4)

August (n=4)

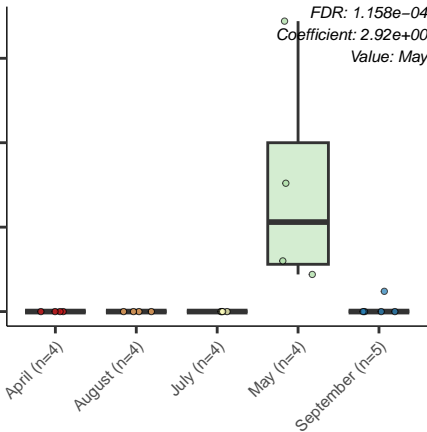
July (n=4)

May (n=4)

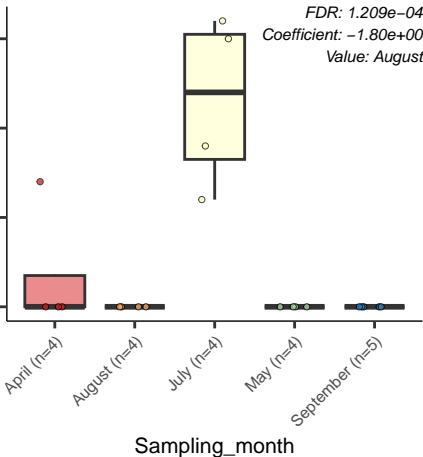
September (n=5)

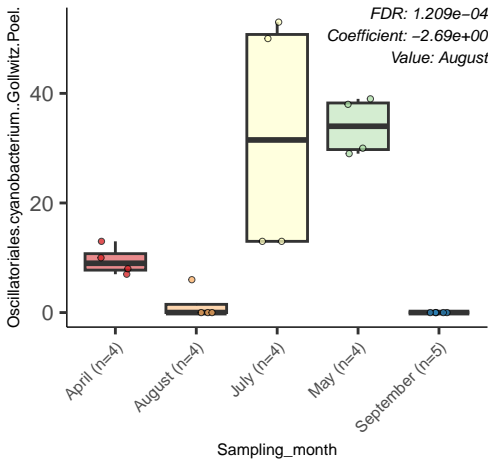
Sampling\_month

FDR:  $1.158e-04$   
Coefficient:  $2.92e+00$   
Value: May



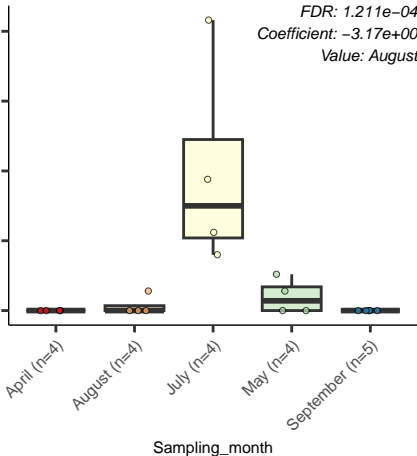
Porphyrabacter.sanguineus





Candidatus.Lzimiplasma.sp..HR1

*FDR: 1.211e-04*  
*Coefficient: -3.17e+00*  
*Value: August*





Porosira.glacialis

20

10

0

April (n=4)

August (n=4)

July (n=4)

May (n=4)

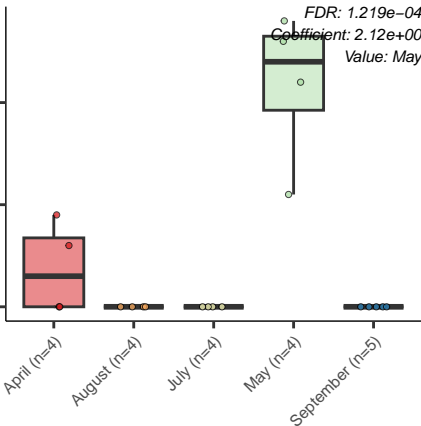
September (n=5)

Sampling\_month

FDR: 1.219e-04

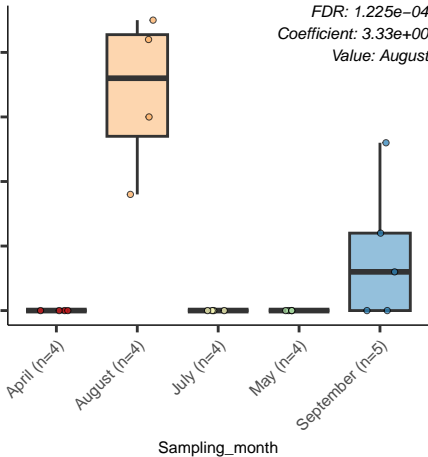
Coefficient: 2.12e+00

Value: May

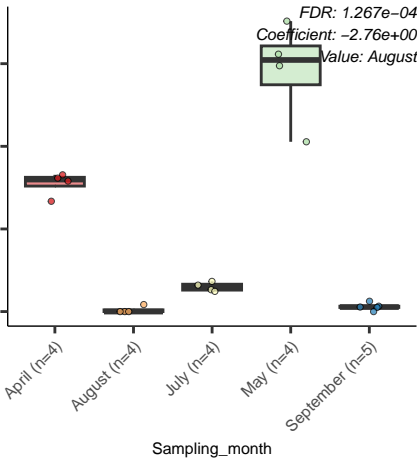


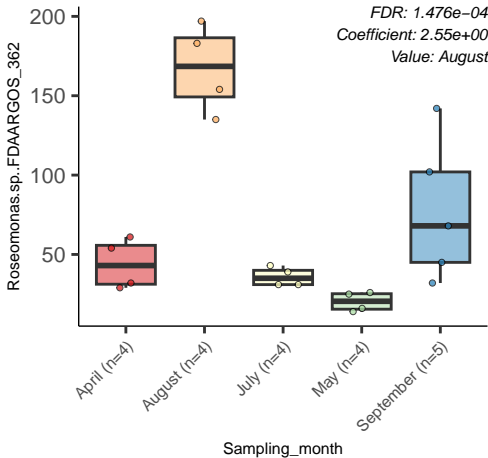
Mesorhizobium.sp..STM.4642

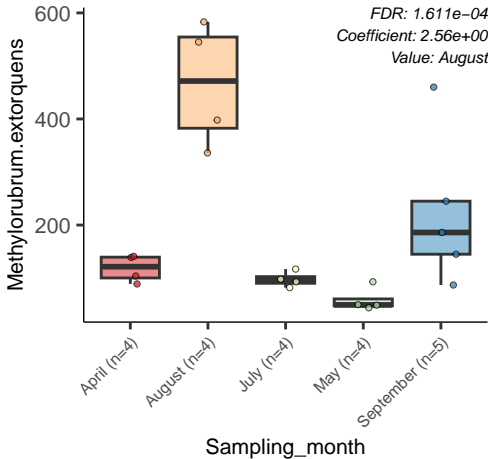
FDR: 1.225e-04  
Coefficient: 3.33e+00  
Value: August



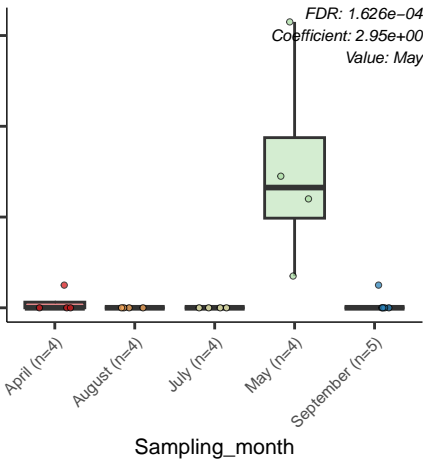
Kryptoperidinium.foliaceum





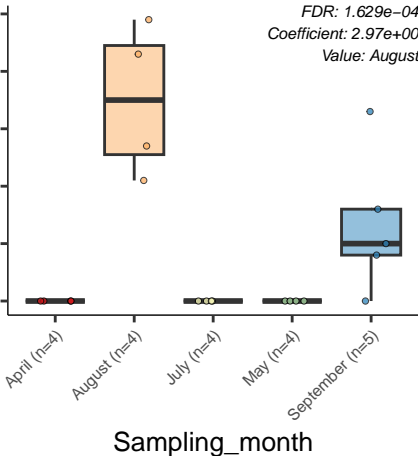


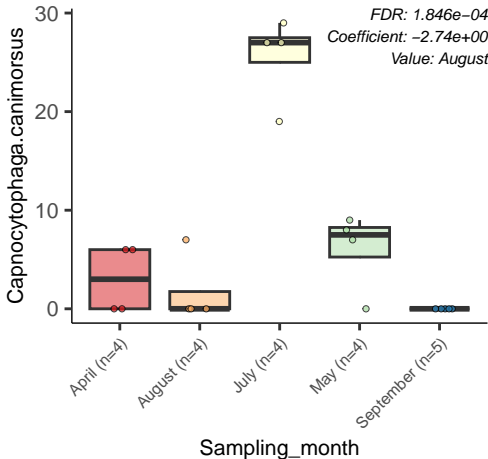
*Monosiga.brevicollis*



Halomonas.maura

FDR: 1.629e-04  
Coefficient: 2.97e+00  
Value: August

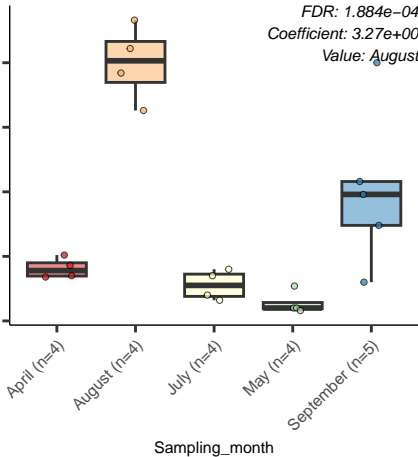


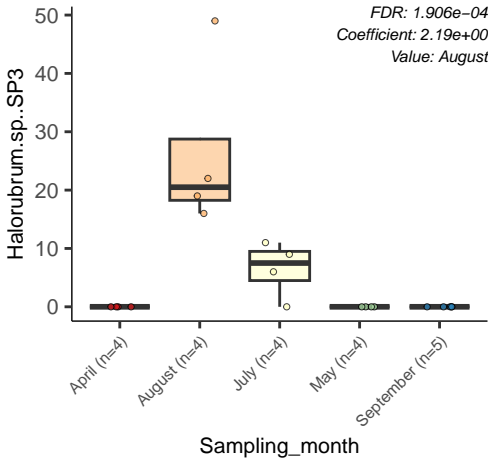




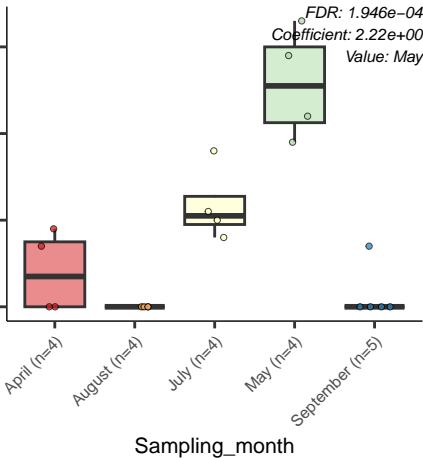
Gluconacetobacter.diazotrophicus

FDR:  $1.884e-04$   
Coefficient:  $3.27e+00$   
Value: August



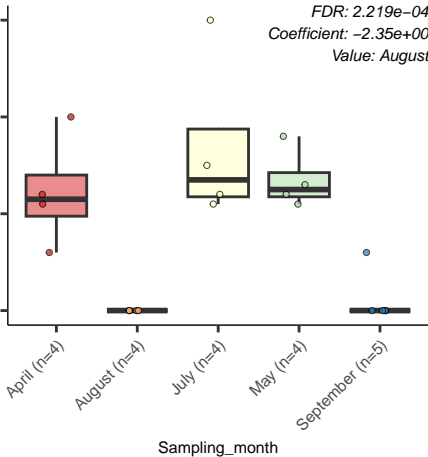


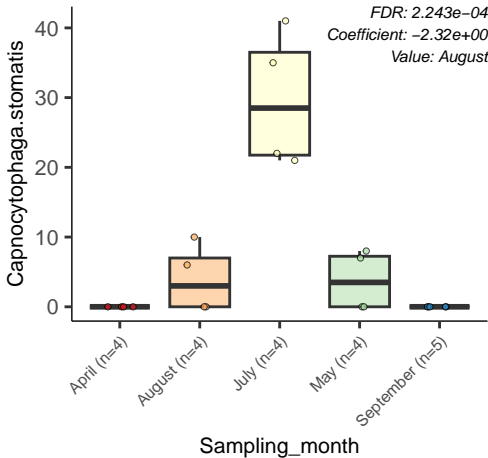
Teredinibacter.turnerae



Paludibacter.propionigenes

FDR:  $2.219e-04$   
Coefficient:  $-2.35e+00$   
Value: August





Fabrea.salina

FDR: 2.253e-04  
Coefficient: -2.28e+00  
Value: August

April (n=4)

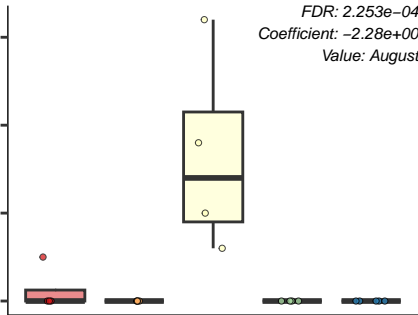
August (n=4)

July (n=4)

May (n=4)

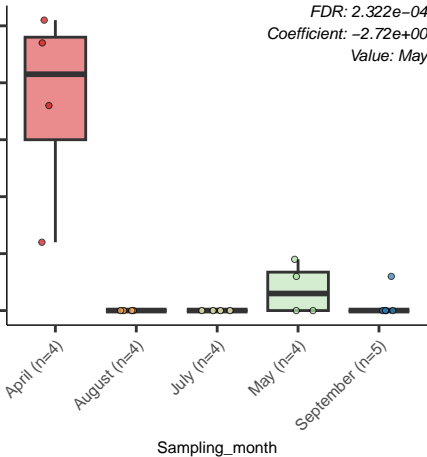
September (n=5)

Sampling\_month

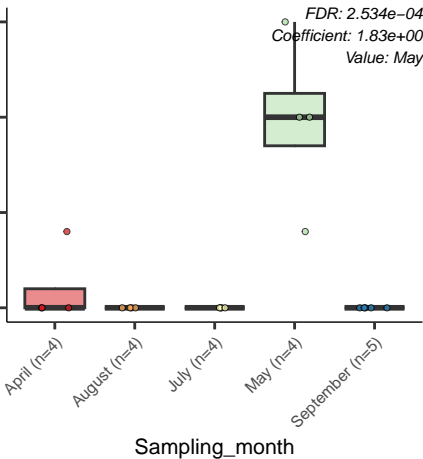


Polaribacter.sp..Hel1\_33\_78

FDR:  $2.322e-04$   
Coefficient:  $-2.72e+00$   
Value: May



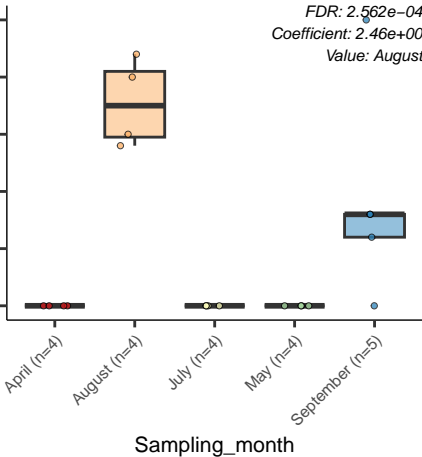
Enhygromyxa.sp..SYM.1





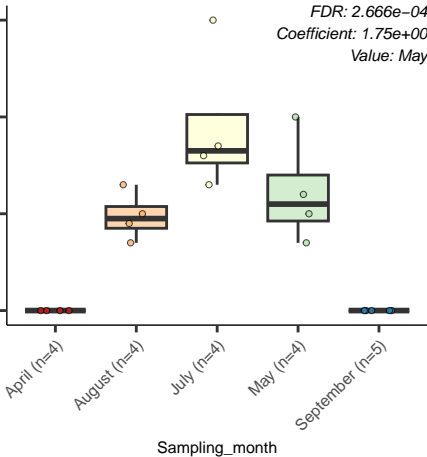
Sphingomonas.sp..214

FDR: 2.562e-04  
Coefficient: 2.46e+00  
Value: August



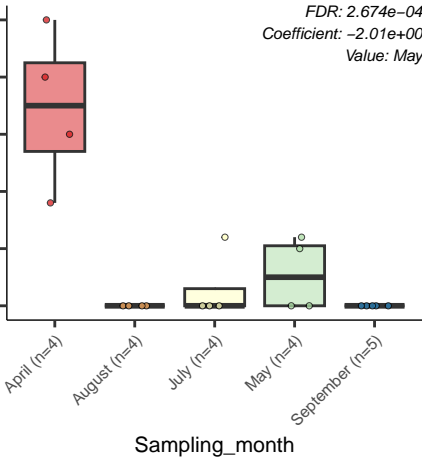
Cyclobacterium.sp..HMD3175

FDR: 2.666e-04  
Coefficient: 1.75e+00  
Value: May



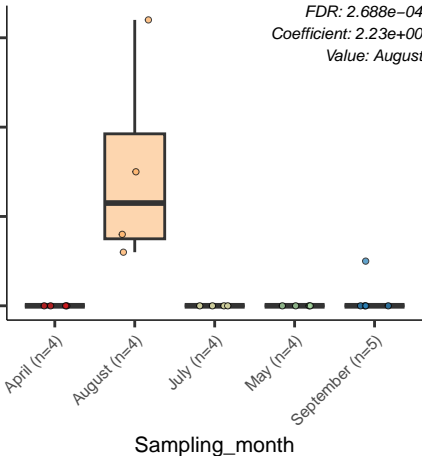
Marivirga.sp..CR.23

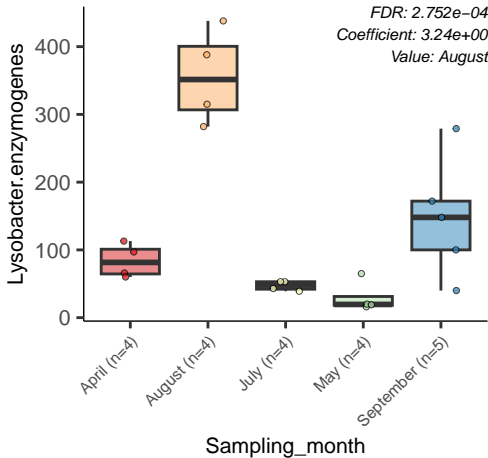
FDR: 2.674e-04  
Coefficient: -2.01e+00  
Value: May



Haloplanus.vescus

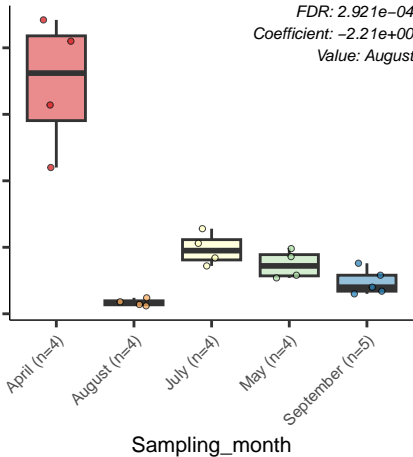
*FDR: 2.688e-04*  
*Coefficient: 2.23e+00*  
*Value: August*

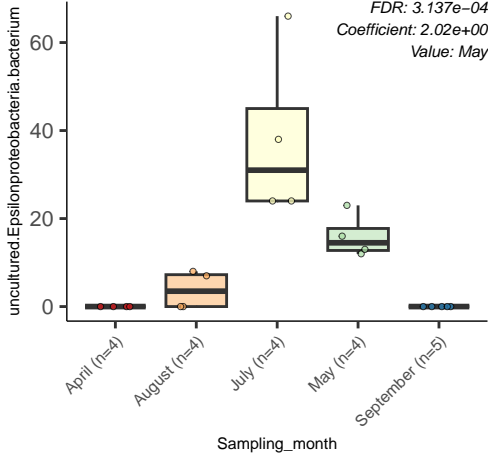




Lutibacter.sp..LPB0138

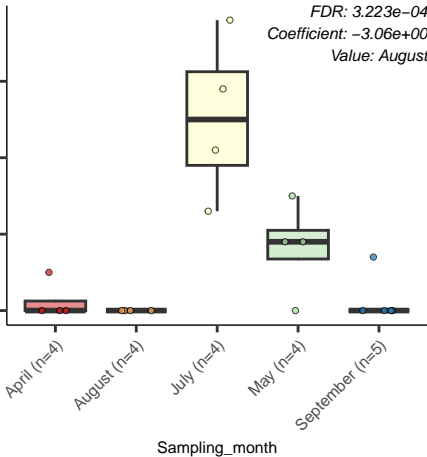
FDR:  $2.921e-04$   
Coefficient:  $-2.21e+00$   
Value: August





Calditerrivibrio.nitroreducens

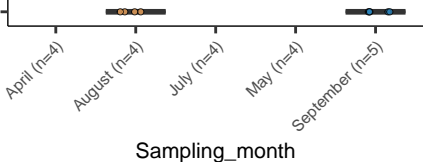
FDR: 3.223e-04  
Coefficient: -3.06e+00  
Value: August





Chondromyces.crocatus

FDR:  $3.233\text{e-}04$   
Coefficient:  $-1.48\text{e}+00$   
Value: August

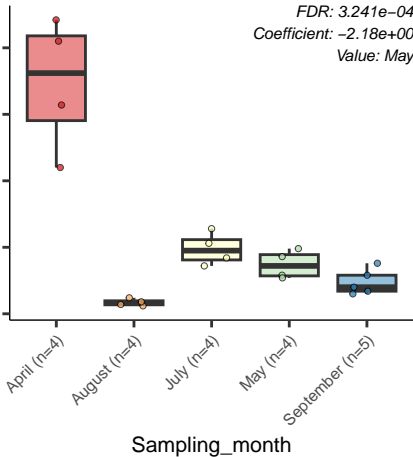


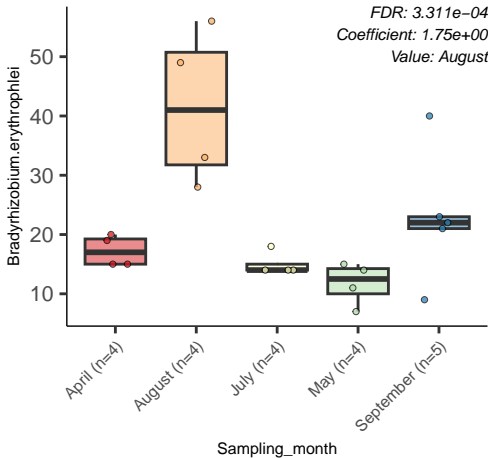
Lutibacter.sp..LPB0138

FDR: 3.241e-04

Coefficient: -2.18e+00

Value: May



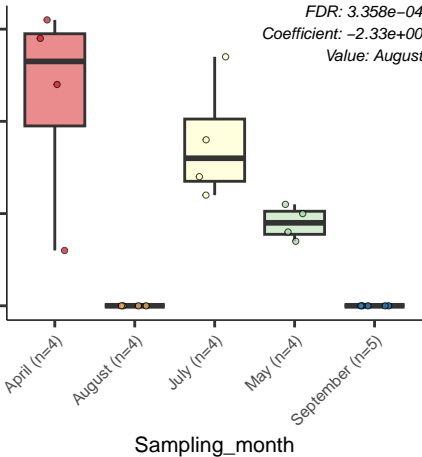


Nonlabens.sp..MIC269

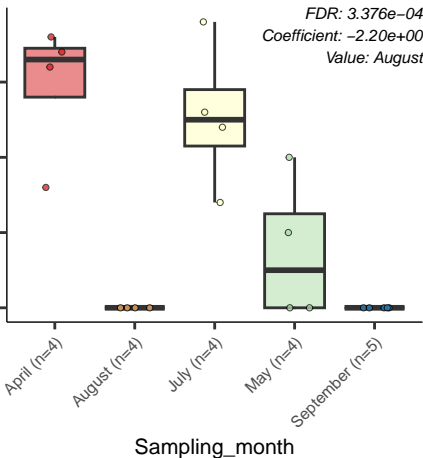
*FDR: 3.358e-04*

*Coefficient: -2.33e+00*

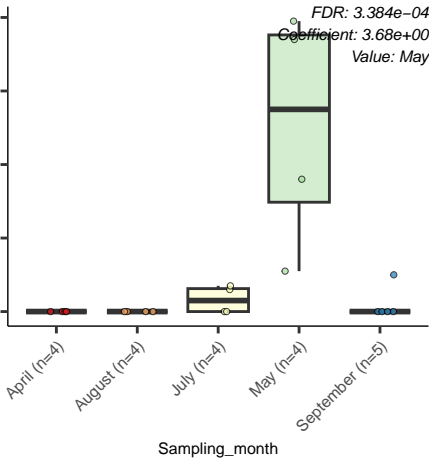
*Value: August*



Nonlabens.marinus

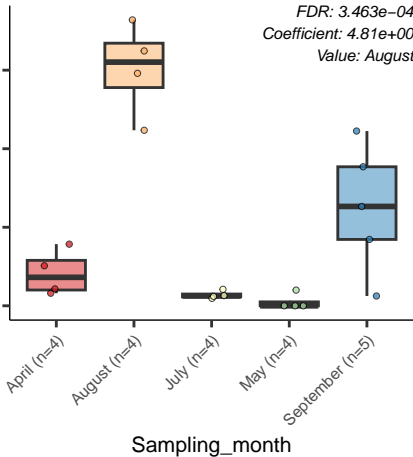


uncultured.Vibrionales.bacterium.HF0010\_22E23



Rhodovibrio.sodomensis

*FDR: 3.463e-04*  
*Coefficient: 4.81e+00*  
*Value: August*



Flavobacterium.columnare

FDR:  $3.491e-04$   
Coefficient:  $-3.28e+00$   
Value: August

100

50

0

April (n=4)

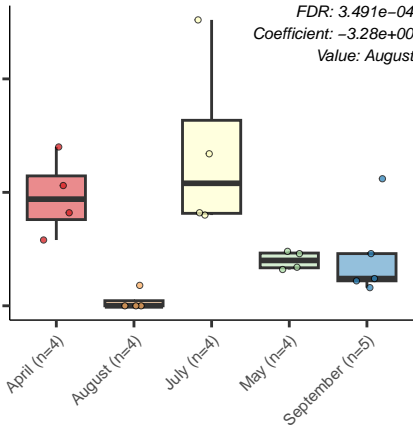
August (n=4)

July (n=4)

May (n=4)

September (n=5)

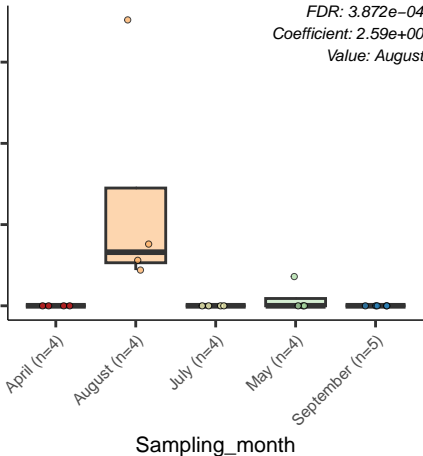
Sampling\_month



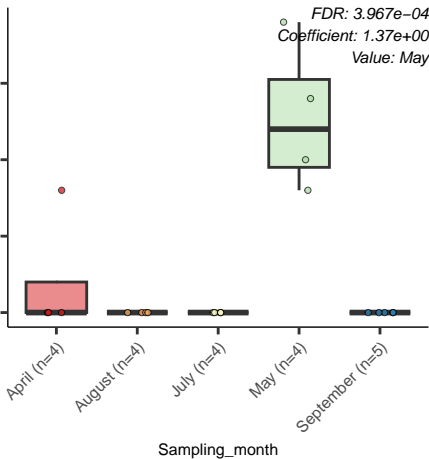


Halovirus.HCTV.5

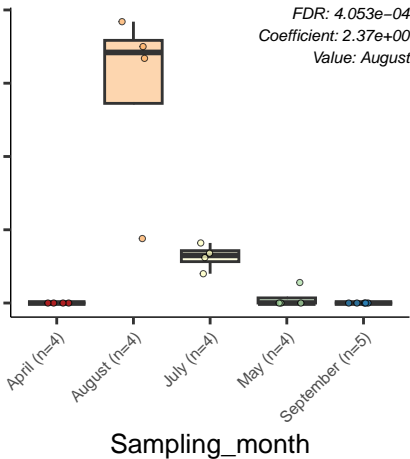
*FDR: 3.872e-04*  
*Coefficient: 2.59e+00*  
*Value: August*



uncultured.Croceibacter.sp.



Halapricum.sp.

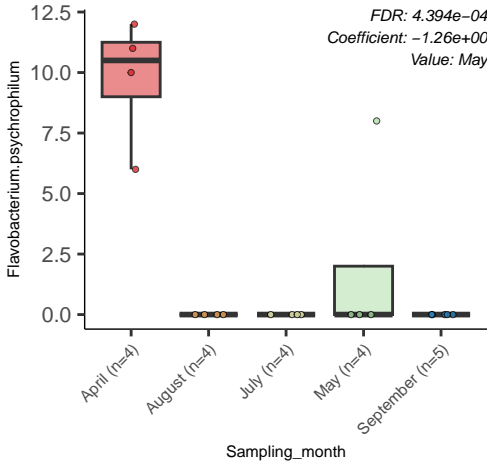


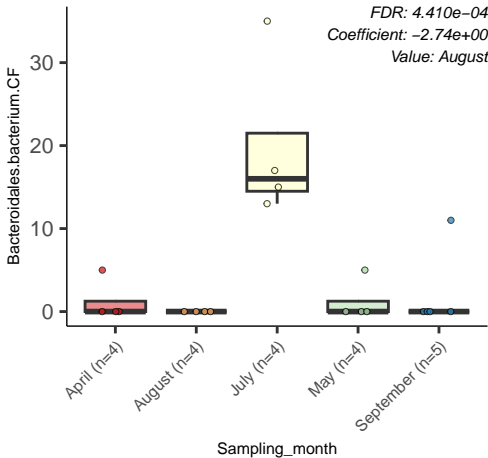
Flavobacterium.psyrophilum

*FDR: 4.394e-04*  
*Coefficient: -1.26e+00*  
*Value: May*

April (n=4)      August (n=4)      July (n=4)      May (n=4)      September (n=5)

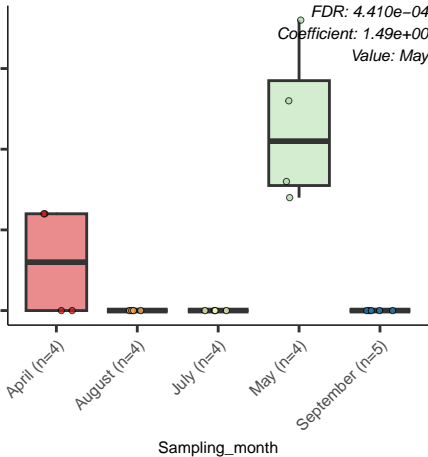
Sampling\_month





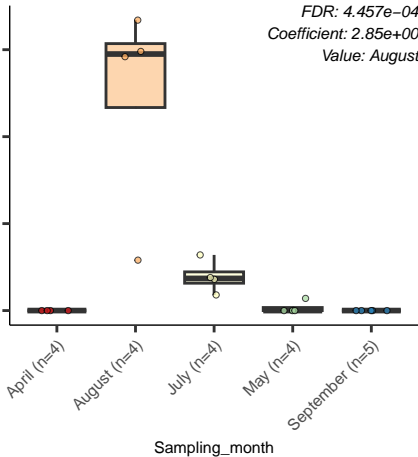
Nitzschia.cf..microcephala.LRT.2013

FDR: 4.410e-04  
Coefficient: 1.49e+00  
Value: May



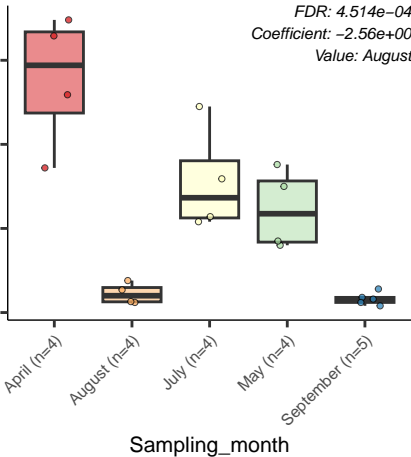
Halobacteriaceae.archaeon.SY.39

FDR: 4.457e-04  
Coefficient: 2.85e+00  
Value: August



Winogradskyella.sp..J14.2

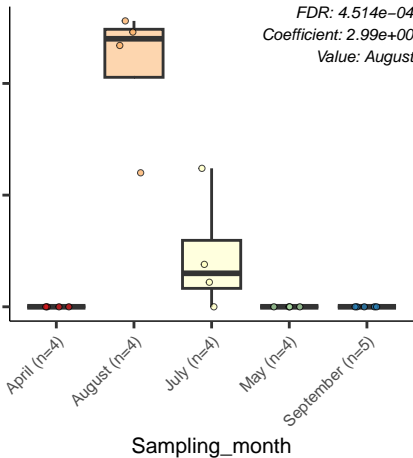
FDR:  $4.514e-04$   
Coefficient:  $-2.56e+00$   
Value: August





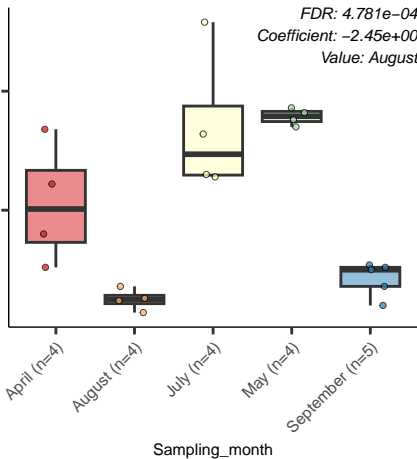
Dunaliella.viridis

FDR: 4.514e-04  
Coefficient: 2.99e+00  
Value: August

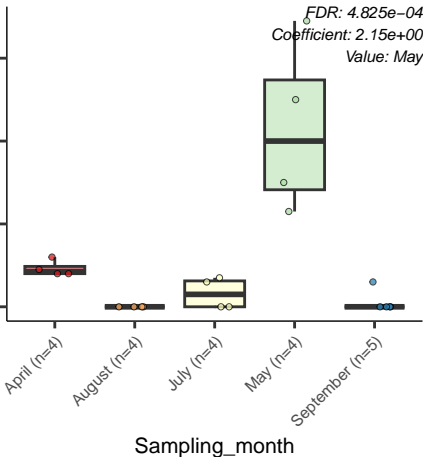


uncultured.Sphingobacteriia.bacterium

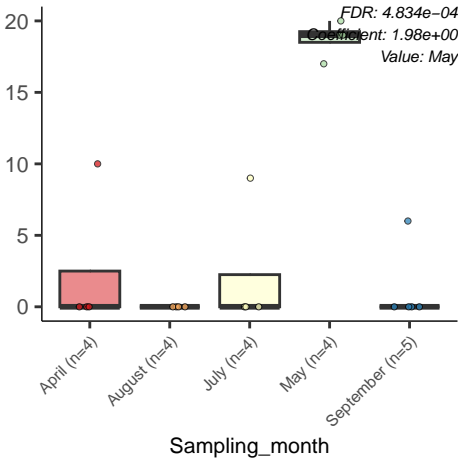
FDR:  $4.781e-04$   
Coefficient:  $-2.45e+00$   
Value: August



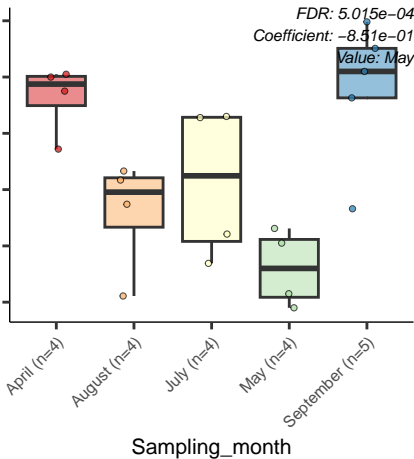
Leptocylindrus.danicus



Ketobacter.alkanivorans

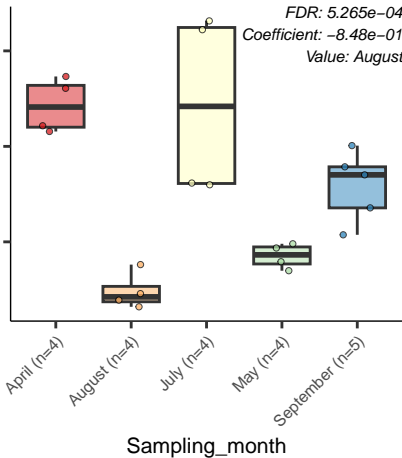


Polymorphum.gilvum



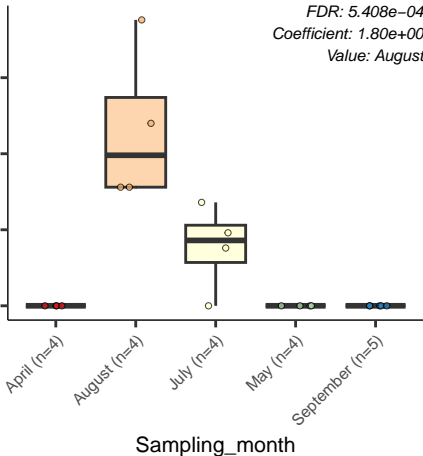
Roseibacterium.elongatum

*FDR: 5.265e-04*  
*Coefficient: -8.48e-01*  
*Value: August*



Halorubrum.arcis

FDR: 5.408e-04  
Coefficient: 1.80e+00  
Value: August



Roseibacterium.elongatum

2000  
1500  
1000

April (n=4)

August (n=4)

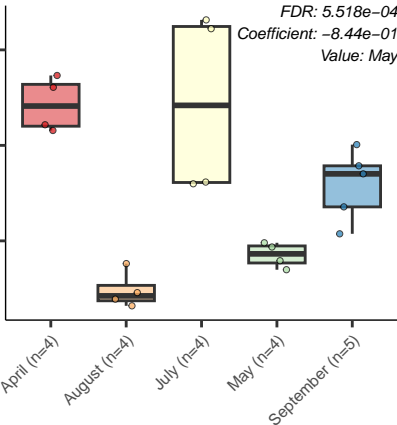
July (n=4)

May (n=4)

September (n=5)

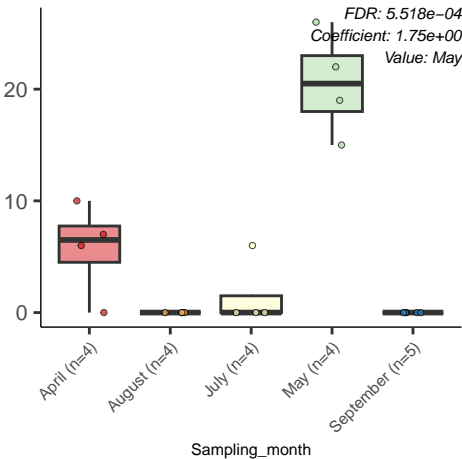
Sampling\_month

*FDR: 5.518e-04*  
*Coefficient: -8.44e-01*  
*Value: May*



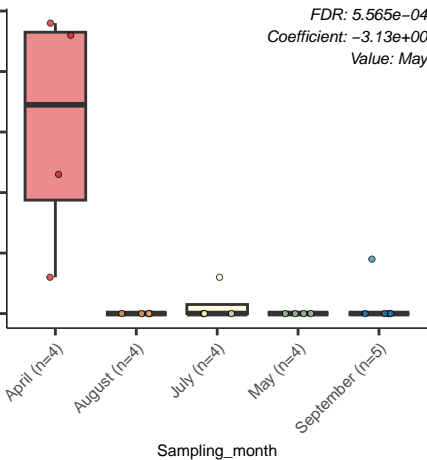


uncultured.bacterium.AD243.H1

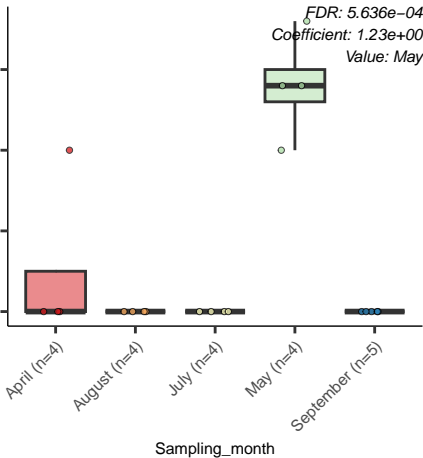


Brachybacterium.sp.. VM2412

FDR: 5.565e-04  
Coefficient: -3.13e+00  
Value: May



Opitutaceae.bacterium.TAV5



Exanthemachrysis.gayraliae

60

40

20

0

April (n=4)

August (n=4)

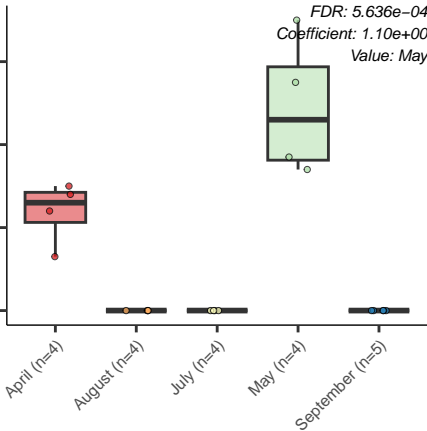
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

FDR: 5.636e-04  
Coefficient: 1.10e+00  
Value: May



Flammeovirga.sp..MY04

20  
15  
10  
5  
0

April (n=4)

August (n=4)

July (n=4)

May (n=4)

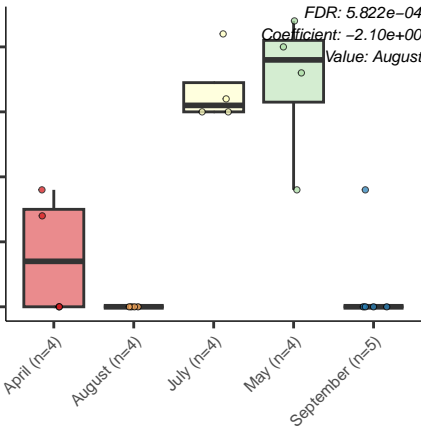
September (n=5)

Sampling\_month

FDR: 5.822e-04

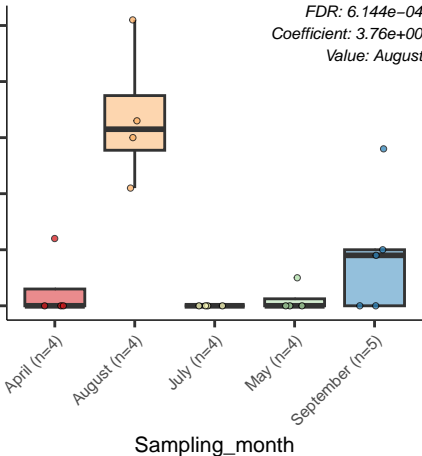
Coefficient: -2.10e+00

Value: August



Variovorax.sp..HW608

FDR: 6.144e-04  
Coefficient: 3.76e+00  
Value: August

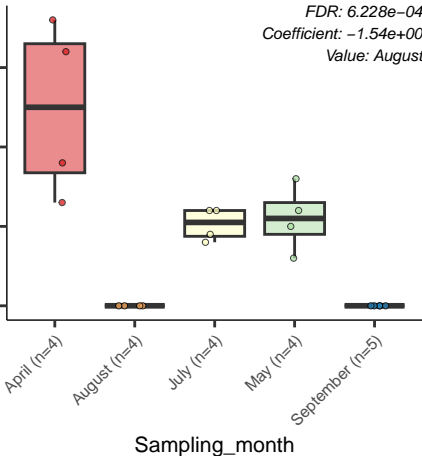


Polaribacter.sp..BM10

FDR: 6.228e-04

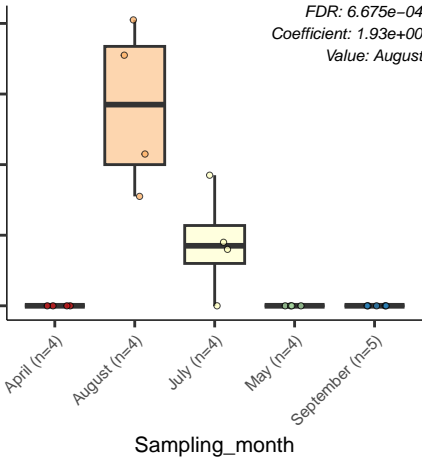
Coefficient: -1.54e+00

Value: August



Halorubrum.californiense

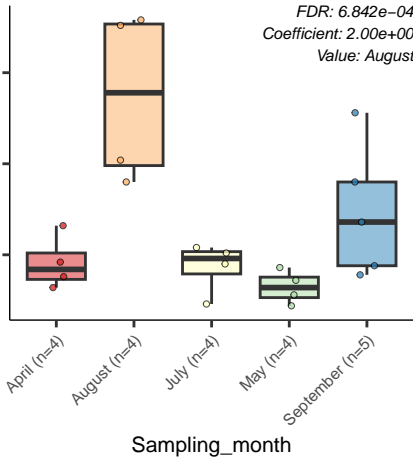
FDR: 6.675e-04  
Coefficient: 1.93e+00  
Value: August





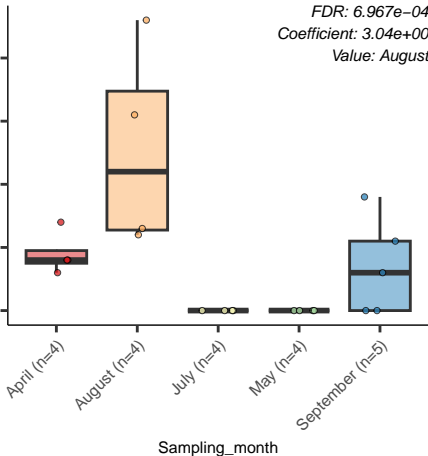
Caulobacter.mirabilis

FDR: 6.842e-04  
Coefficient: 2.00e+00  
Value: August



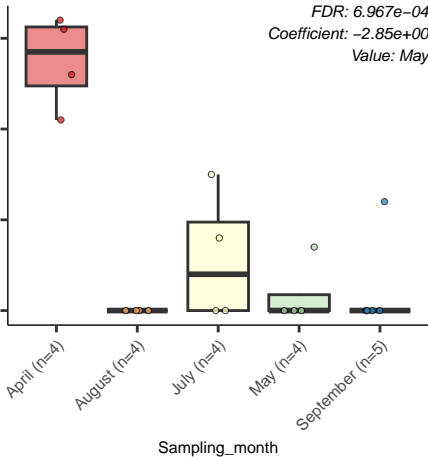
Diaphorobacter.polyhydroxybutyrativorans

FDR:  $6.967e-04$   
Coefficient:  $3.04e+00$   
Value: August



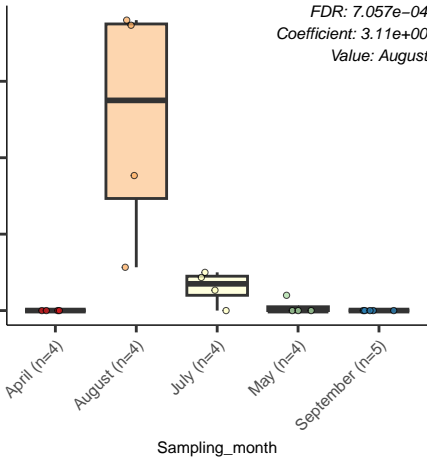
filamentous.photosynthetic.bacterium.FI98.6

FDR:  $6.967e-04$   
Coefficient:  $-2.85e+00$   
Value: May

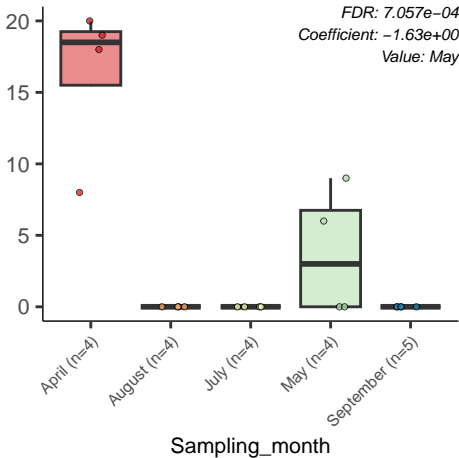


Halobacteriaceae.archaeon.SHR26

FDR:  $7.057e-04$   
Coefficient:  $3.11e+00$   
Value: August

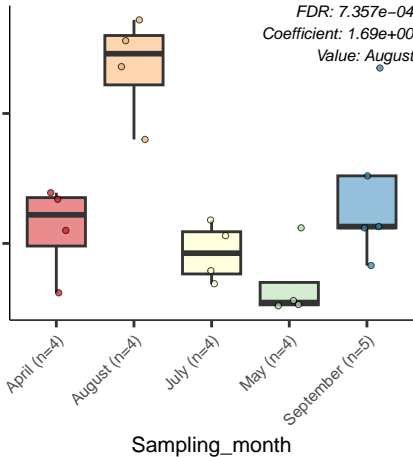


Stomoxys.calcitrans



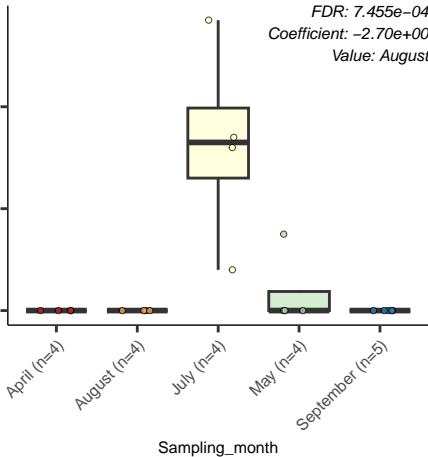
Spingomonas.wittichii

FDR:  $7.357e-04$   
Coefficient:  $1.69e+00$   
Value: August

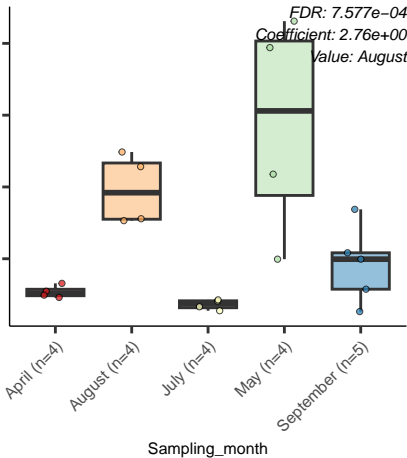


Pseudodesulfobrio.piezophilus

FDR:  $7.455e-04$   
Coefficient:  $-2.70e+00$   
Value: August

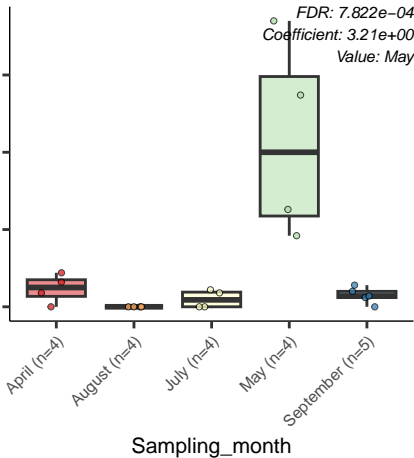


Rhizobiales.bacterium.NRL2



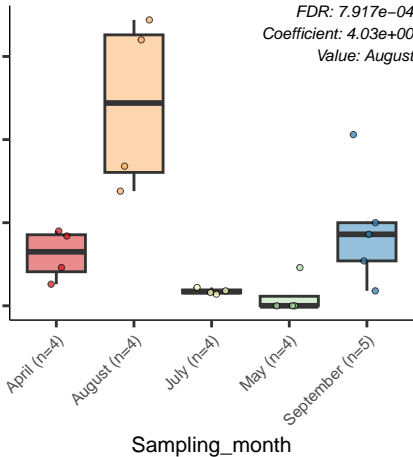


Grimontia.hollisae

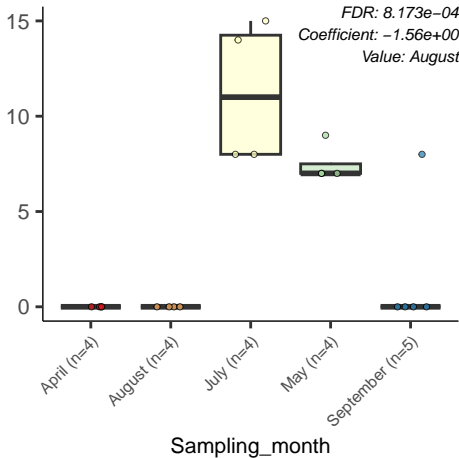


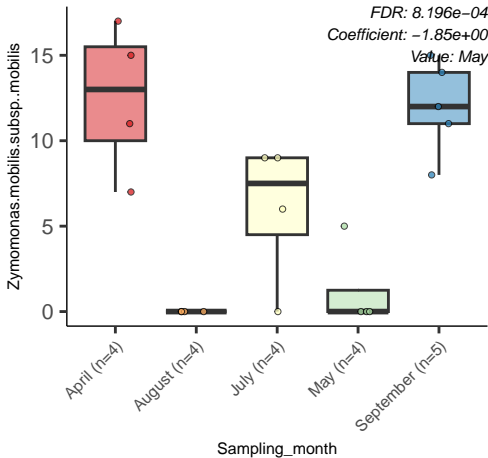
Chromobacterium.violaceum

FDR:  $7.917e-04$   
Coefficient:  $4.03e+00$   
Value: August



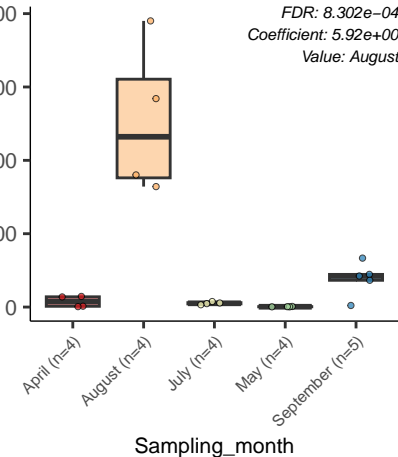
Haemonchus.placei





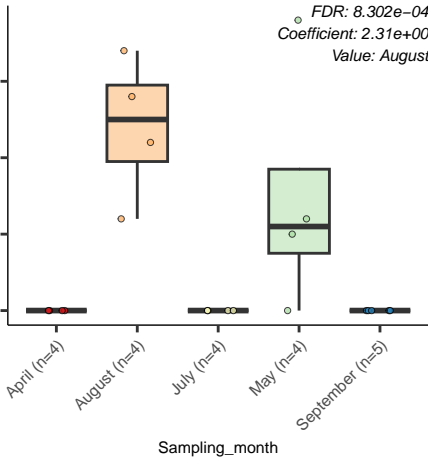
Dactylococcopsis.salina

*FDR: 8.302e-04*  
*Coefficient: 5.92e+00*  
*Value: August*



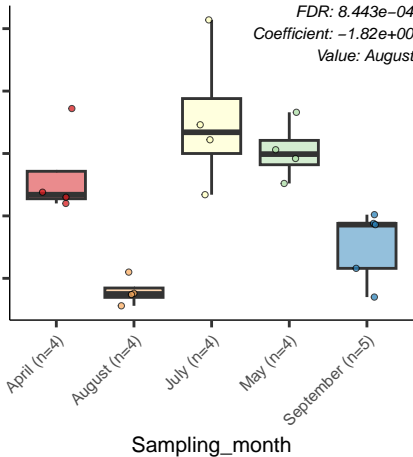
environmental.Halophage.eHP.10

FDR:  $8.302e-04$   
Coefficient:  $2.31e+00$   
Value: August



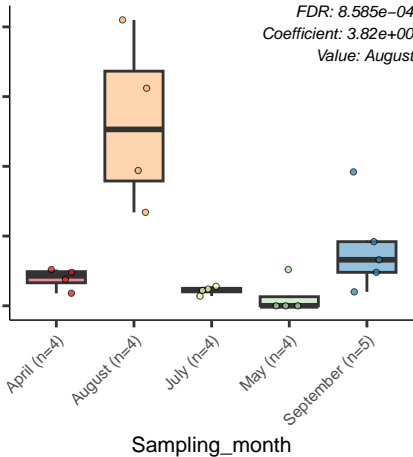
Saprospira.grandis

FDR:  $8.443e-04$   
Coefficient:  $-1.82e+00$   
Value: August

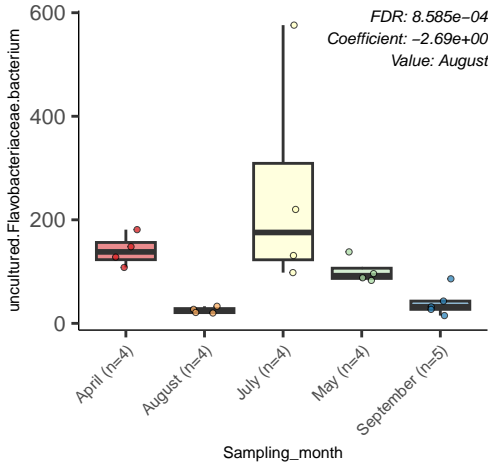


Vogesella.sp..LIG4

*FDR: 8.585e-04*  
*Coefficient: 3.82e+00*  
*Value: August*

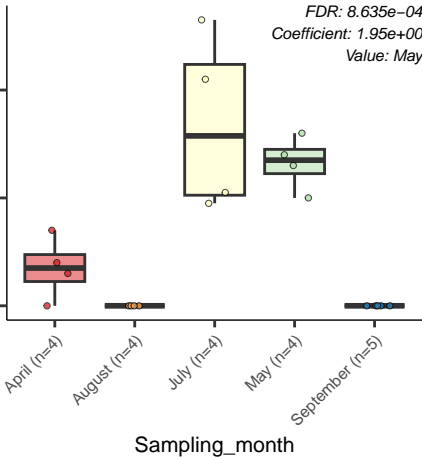






Phormidium.sp..LEGE.11384

*FDR: 8.635e-04*  
*Coefficient: 1.95e+00*  
*Value: May*

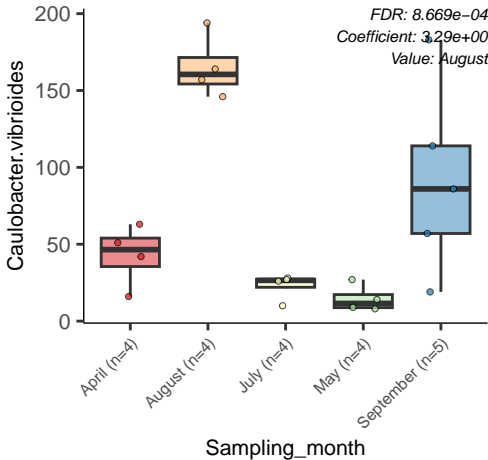


Caulobacter.vibrioides

FDR: 8.669e-04  
Coefficient: 3.29e+00  
Value: August

April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

Sampling\_month

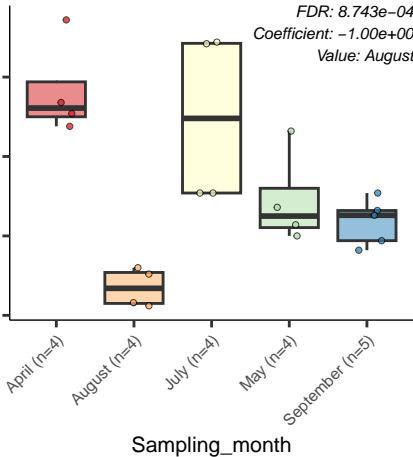


Celeribacter.ethanolicus

FDR:  $8.743e-04$

Coefficient:  $-1.00e+00$

Value: August



*Aeromonas.schubertii*

*FDR: 8.871e-04*  
*Coefficient: -2.65e+00*  
*Value: August*

April (n=4)

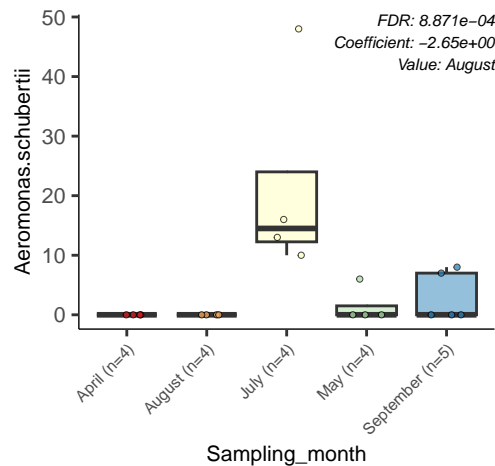
August (n=4)

July (n=4)

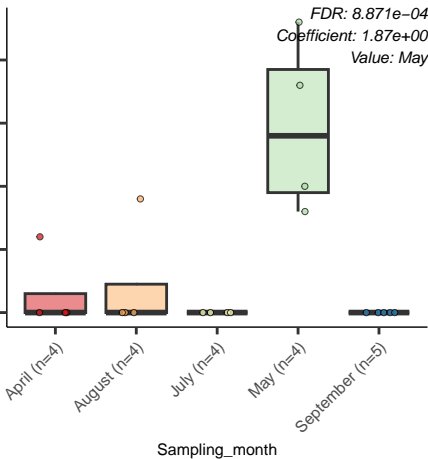
May (n=4)

September (n=5)

Sampling\_month

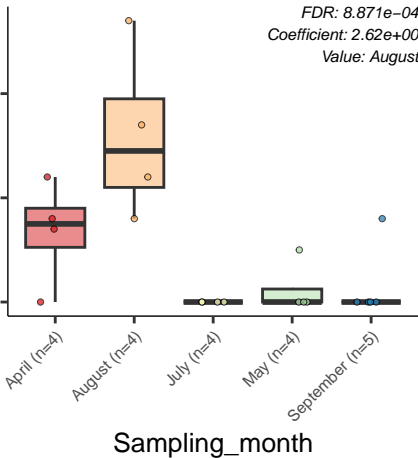


uncultured.Planctomycetaceae.bacterium



Longimonas.sp.

FDR:  $8.871e-04$   
Coefficient:  $2.62e+00$   
Value: August



Pseudanabaena.sp..PCC.9015

*FDR: 9.398e-04*  
*Coefficient: 1.75e+00*  
*Value: May*

April (n=4)

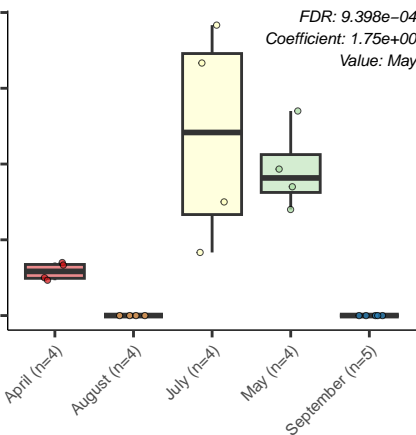
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month





Cellulophaga.lytica

FDR: 1.018e-03

Coefficient: -2.09e+00

Value: August

April (n=4)

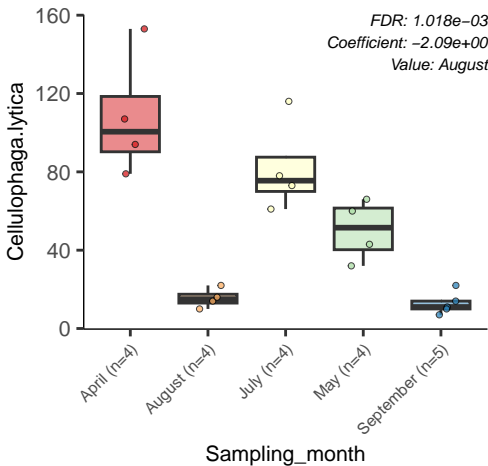
August (n=4)

July (n=4)

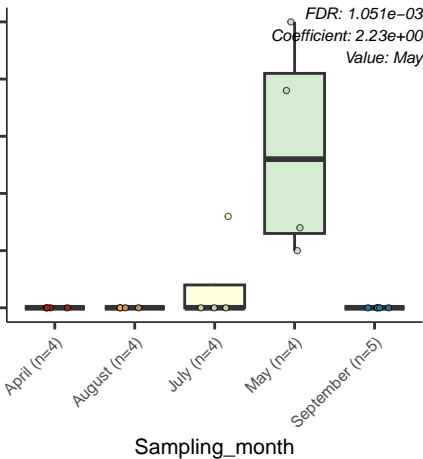
May (n=4)

September (n=5)

Sampling\_month

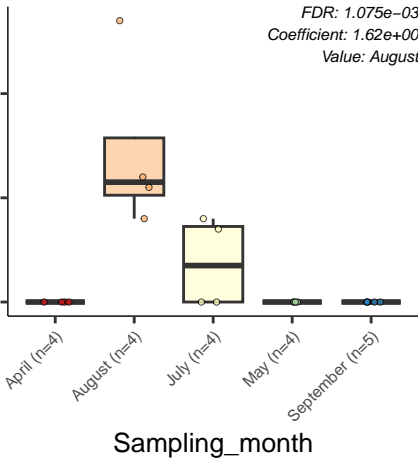


*Vibrio.breoganii*



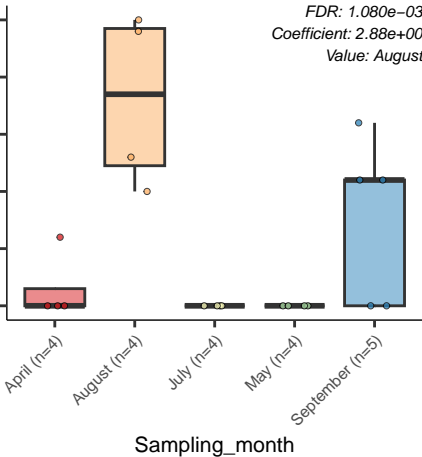
Halorubrum.cibi

FDR: 1.075e-03  
Coefficient: 1.62e+00  
Value: August



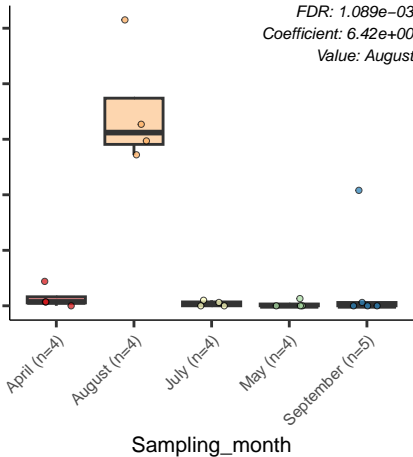
Flavonifractor.plautii

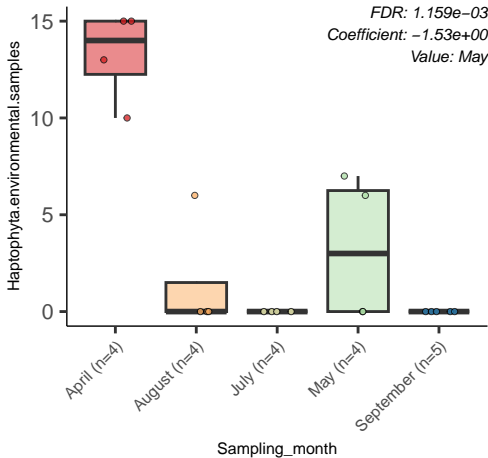
FDR: 1.080e-03  
Coefficient: 2.88e+00  
Value: August



Thiohalospira.halophila

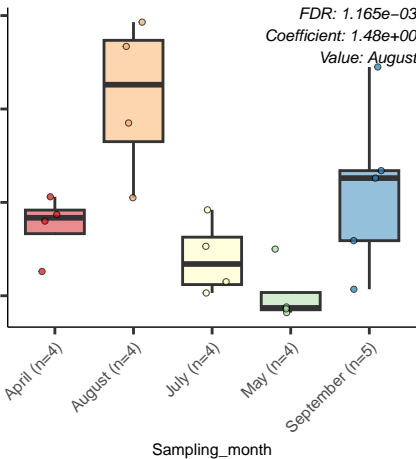
FDR: 1.089e-03  
Coefficient: 6.42e+00  
Value: August





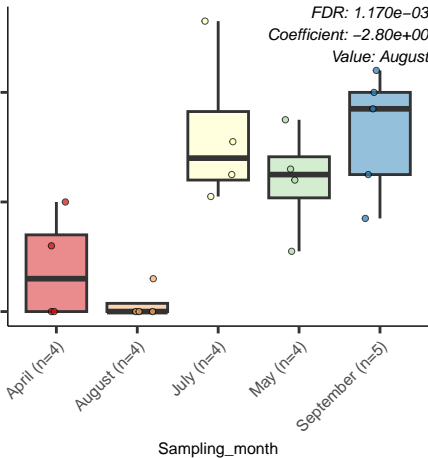
Rhodopseudomonas.palustris

*FDR: 1.165e-03*  
*Coefficient: 1.48e+00*  
*Value: August*



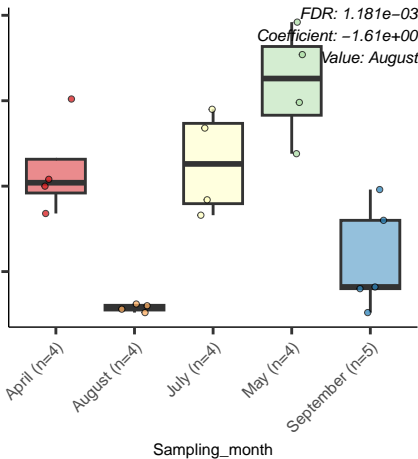
uncultured.bacterium.W5.47b

FDR:  $1.170e-03$   
Coefficient:  $-2.80e+00$   
Value: August

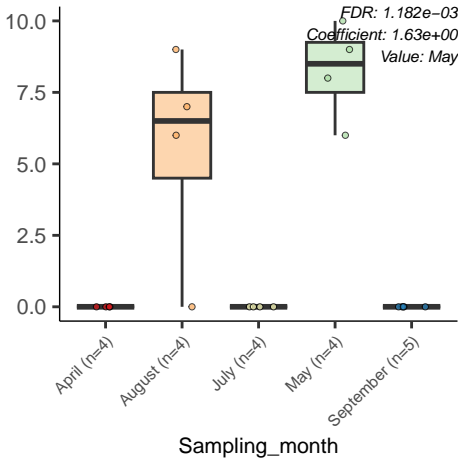




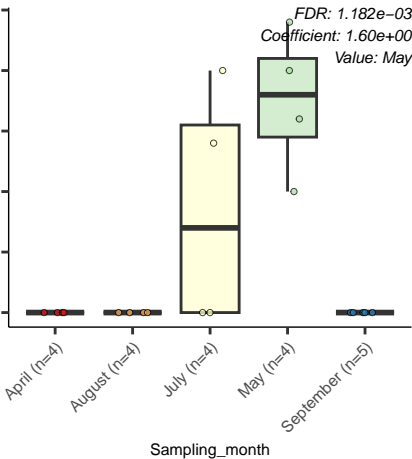
uncultured.sediment.bacterium



Escherichia.coli

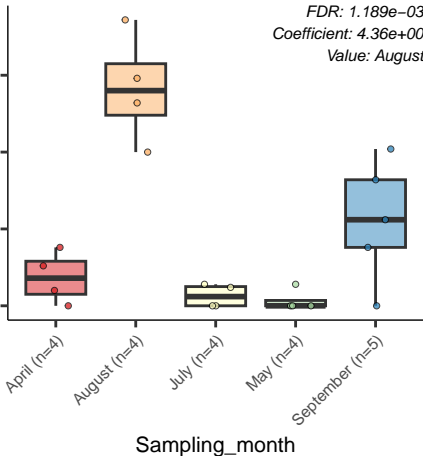


uncultured.Marinoscillum.sp.



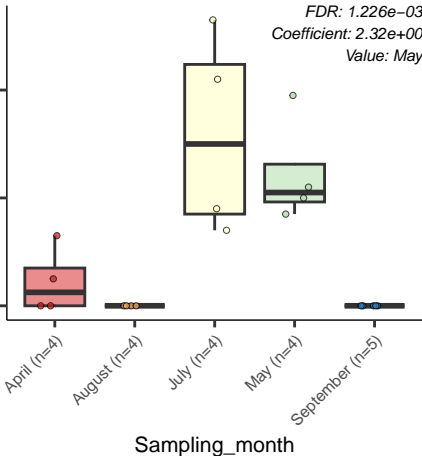
*Pyropia.haitanensis*

FDR: 1.189e-03  
Coefficient: 4.36e+00  
Value: August

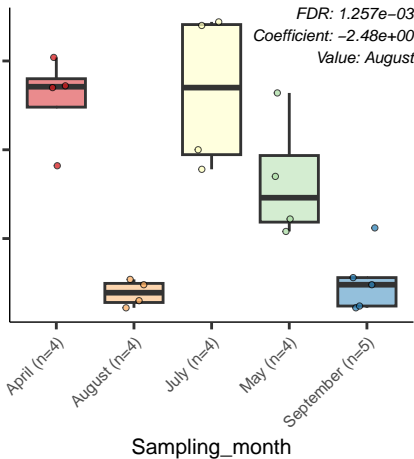


Phormidium.sp..IFBC.Pho05

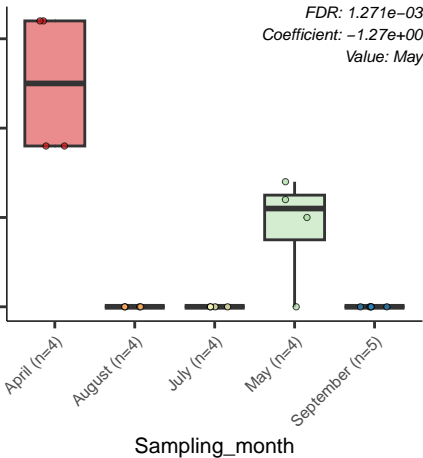
*FDR: 1.226e-03*  
*Coefficient: 2.32e+00*  
*Value: May*



Arenibacter.algicola

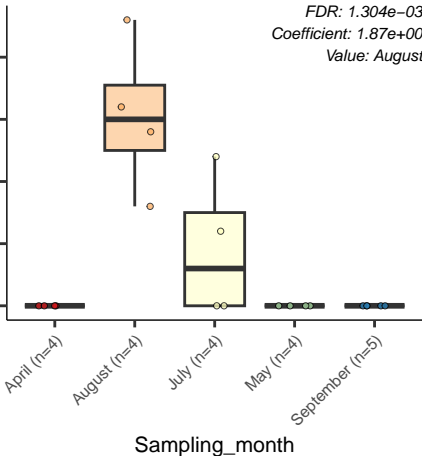


Spingobacterium.sp..ML3W



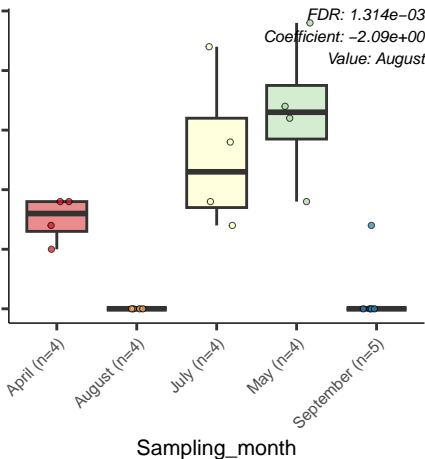
Halorubrum.alkaliphilum

FDR: 1.304e-03  
Coefficient: 1.87e+00  
Value: August



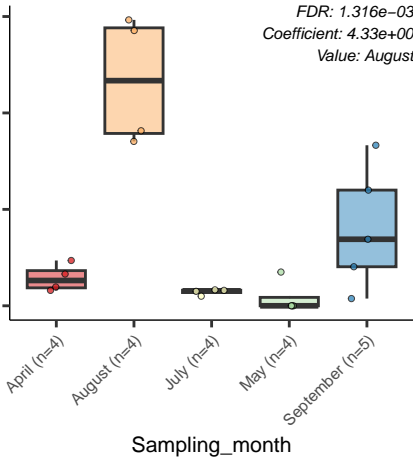


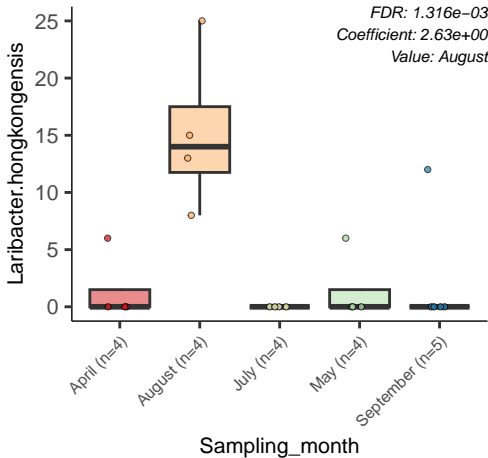
Simiduia.agarivorans

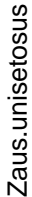


Bradyrhizobium.jicamiae

*FDR: 1.316e-03*  
*Coefficient: 4.33e+00*  
*Value: August*



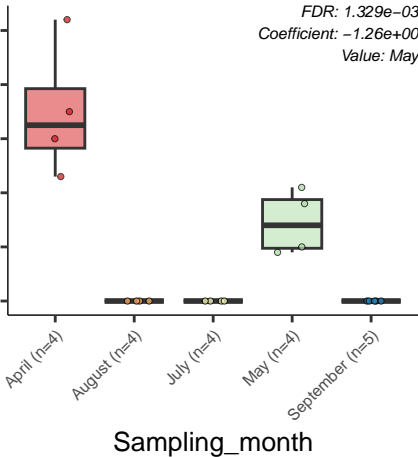




*FDR: 1.329e-03*

Coefficient:  $-1.26e+00$

Value: May

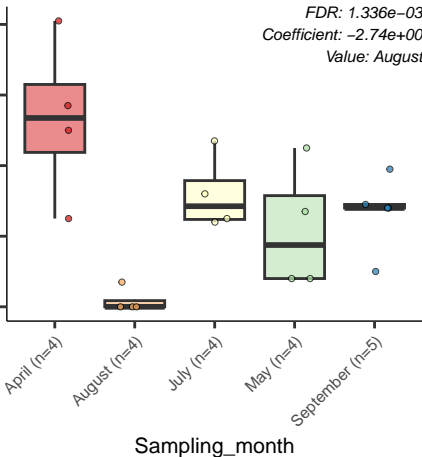


Luteimonas.sp..JM171

FDR: 1.336e-03

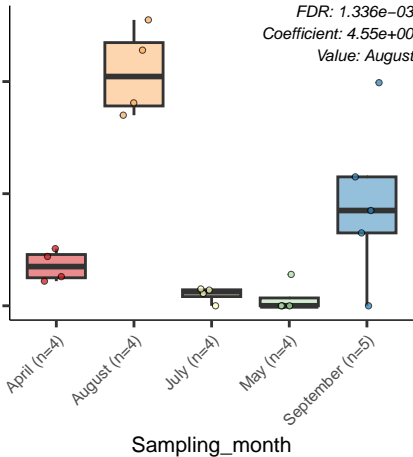
Coefficient: -2.74e+00

Value: August



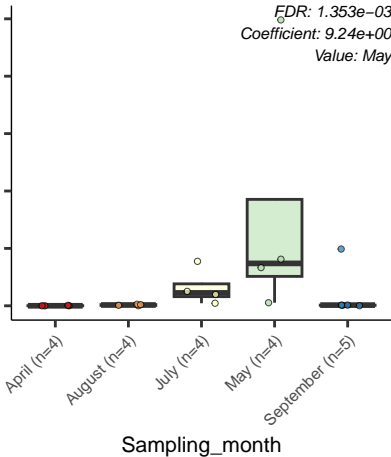
Rhodovibrio.sp..R504

*FDR: 1.336e-03*  
*Coefficient: 4.55e+00*  
*Value: August*



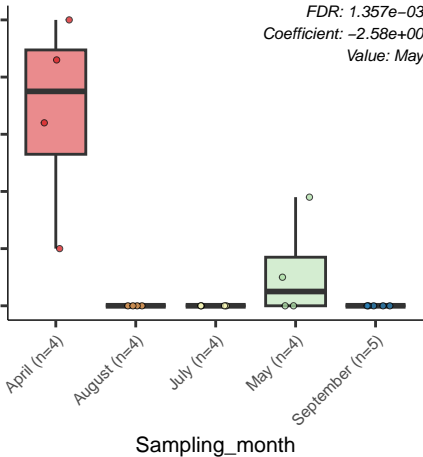
Vibrio.harveyi.group

FDR:  $1.353e-03$   
Coefficient:  $9.24e+00$   
Value: May

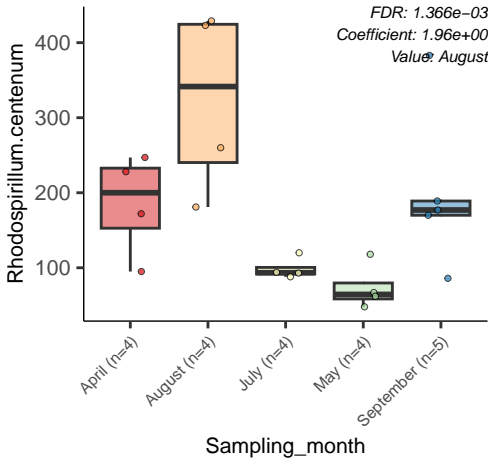


Tenacibaculum.todarodis

FDR:  $1.357e-03$   
Coefficient:  $-2.58e+00$   
Value: May







Starmarella.bombicola

FDR: 1.455e-03

Coefficient: -1.36e+00

Value: May

15

10

5

0

April (n=4)

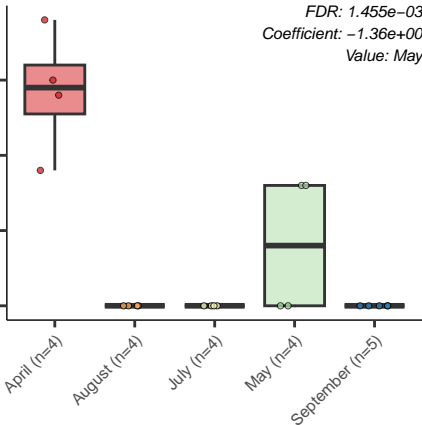
August (n=4)

July (n=4)

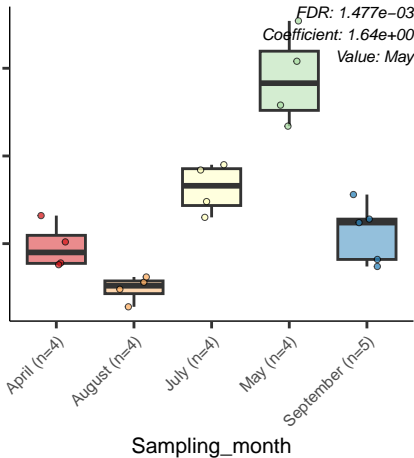
May (n=4)

September (n=5)

Sampling\_month

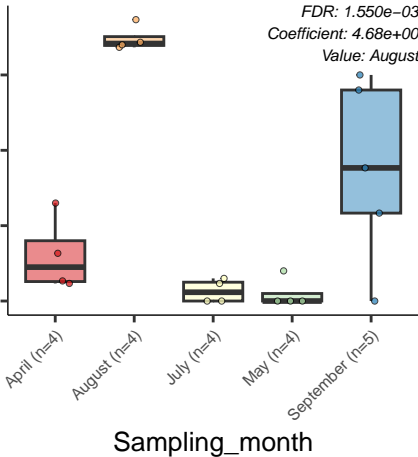


*Echinicola.vietnamensis*



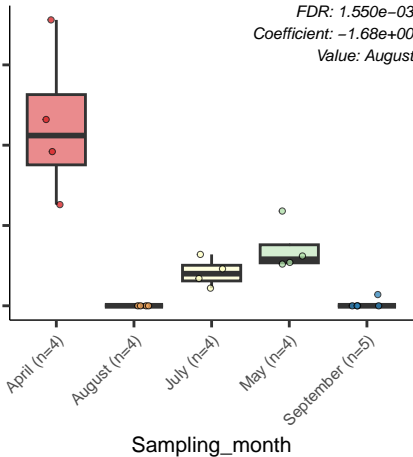
bacterium.RC13

FDR: 1.550e-03  
Coefficient: 4.68e+00  
Value: August



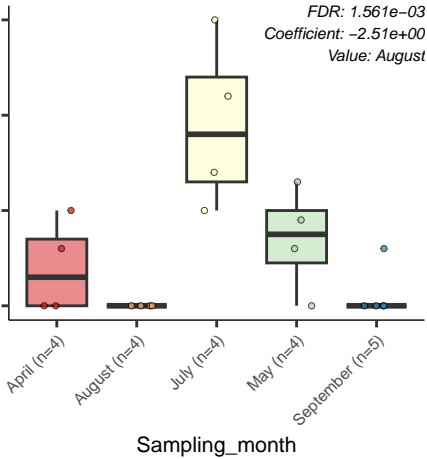
Polaribacter.sp..MED152

FDR:  $1.550e-03$   
Coefficient:  $-1.68e+00$   
Value: August

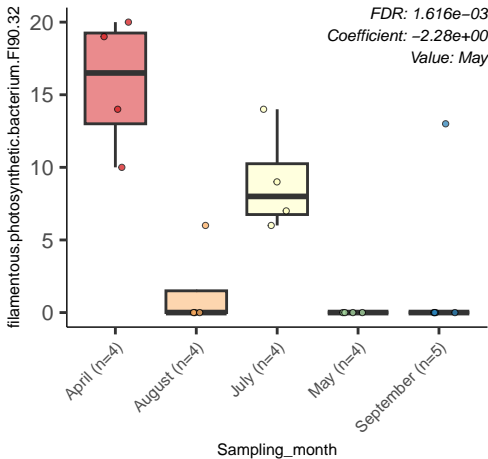


Tenacibaculum.sp..SZ.18

FDR: 1.561e-03  
Coefficient: -2.51e+00  
Value: August

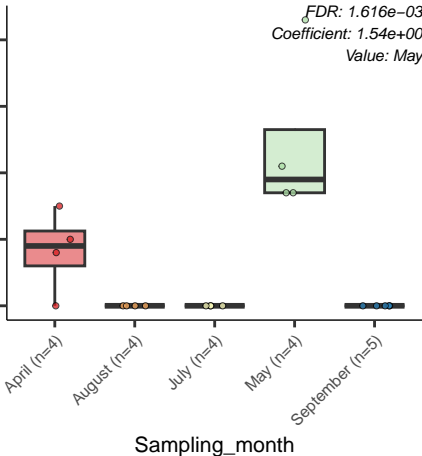


Sampling\_month



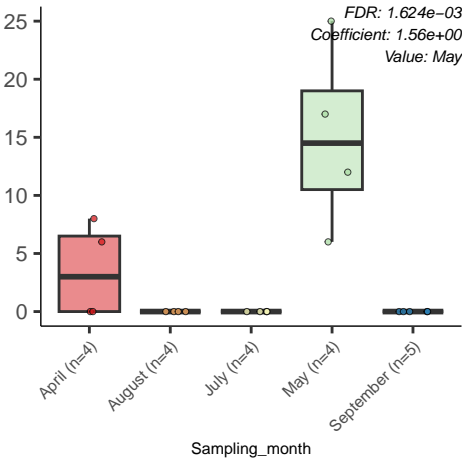
Plagiostrata.goreensis

FDR: 1.616e-03  
Coefficient: 1.54e+00  
Value: May





uncultured.Pseudo.nitzschia



Leisingera.caerulea

8  
6  
4  
2  
0

April (n=4)

August (n=4)

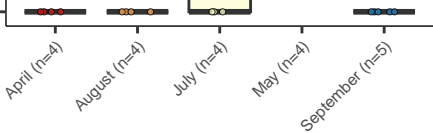
July (n=4)

May (n=4)

September (n=5)

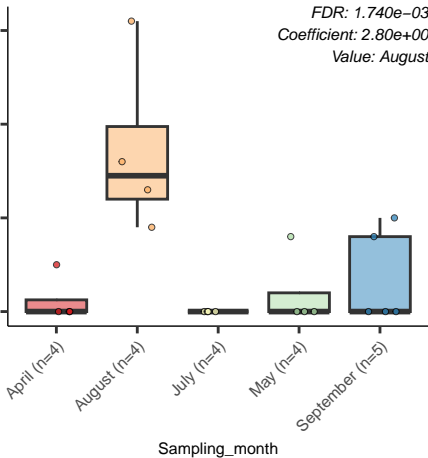
Sampling\_month

FDR: 1.629e-03  
Coefficient: 1.23e+00  
Value: May

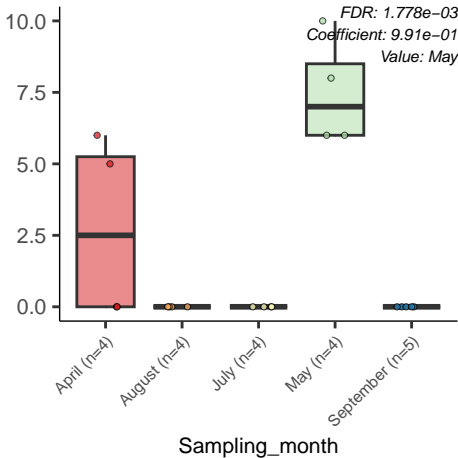


uncultured.bacterium.AD261.B2

FDR: 1.740e-03  
Coefficient: 2.80e+00  
Value: August

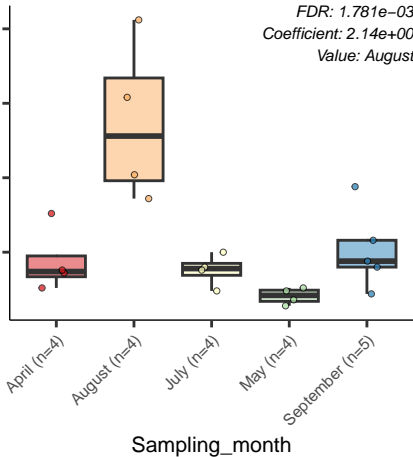


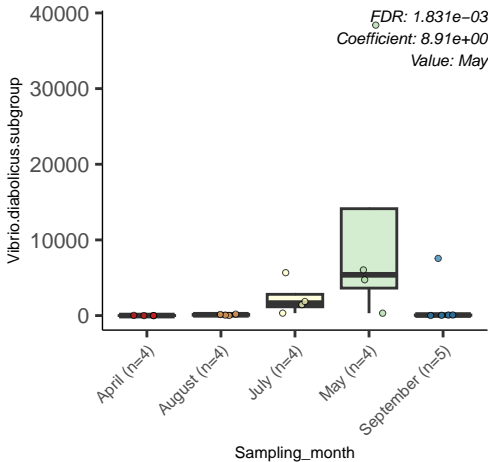
Fallacia.pygmaea



Magnetospirillum.sp..XM.1

FDR: 1.781e-03  
Coefficient: 2.14e+00  
Value: August





Vibrio.antiquarius

FDR:  $1.831e-03$   
Coefficient:  $8.91e+00$   
Value: May

April (n=4)

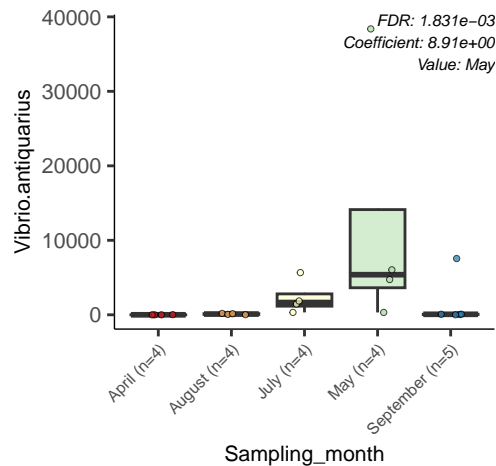
August (n=4)

July (n=4)

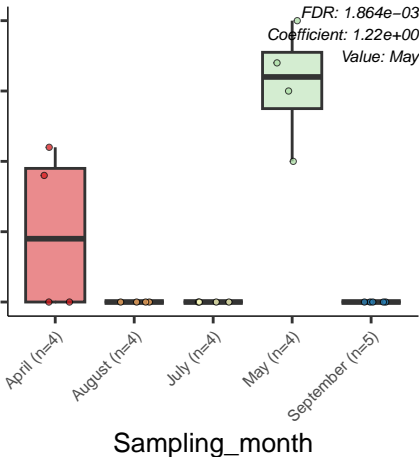
May (n=4)

September (n=5)

Sampling\_month

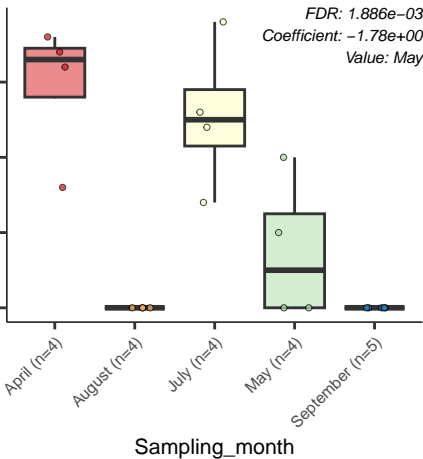


Pavlova.lutheri



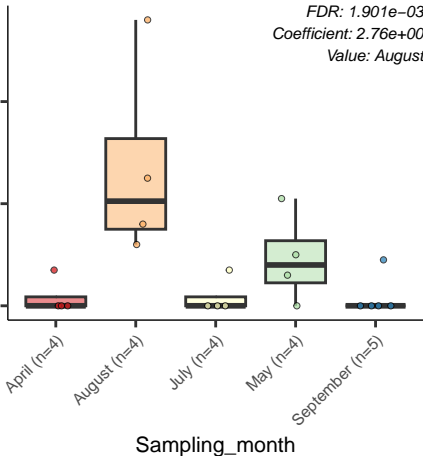


Nonlabens.marinus



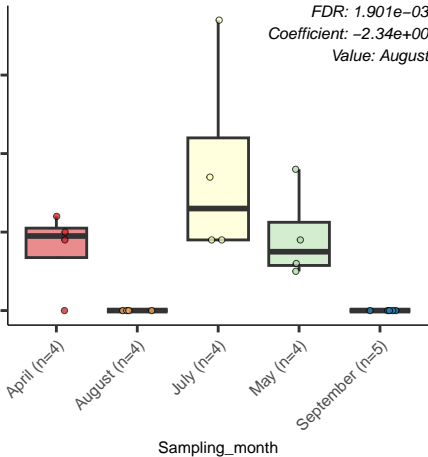
Thalassolituus.oleivorans

FDR: 1.901e-03  
Coefficient: 2.76e+00  
Value: August



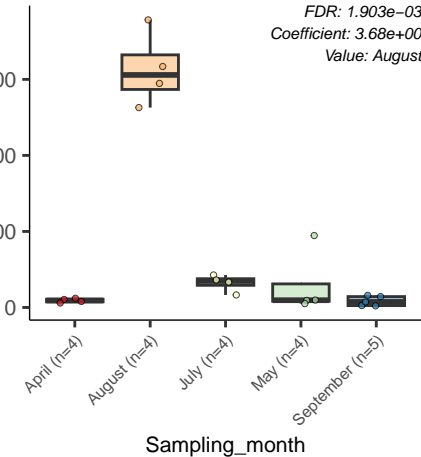
Rhodobacteraceae.bacterium.LMIT002

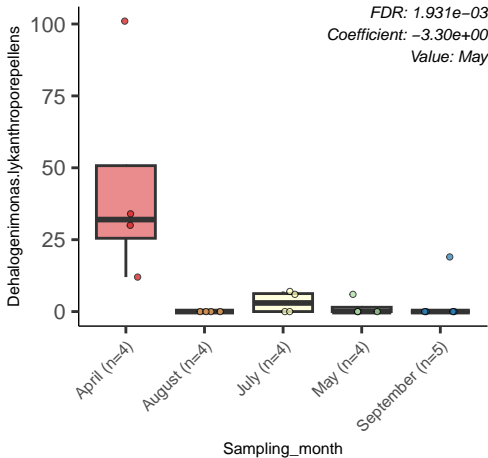
FDR: 1.901e-03  
Coefficient: -2.34e+00  
Value: August



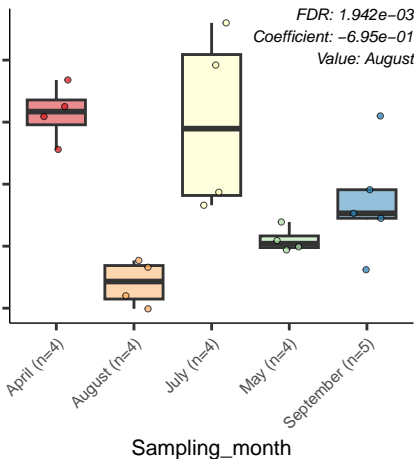
Halorhabdus.utahensis

FDR: 1.903e-03  
Coefficient: 3.68e+00  
Value: August



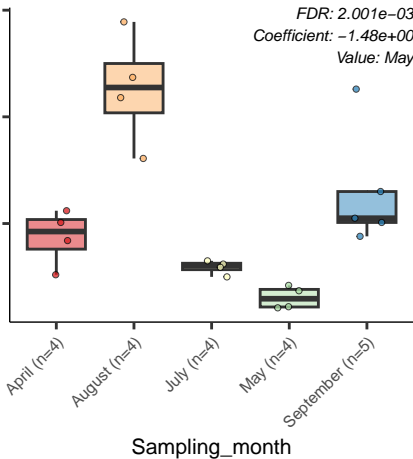


Rhodovulum.sp..MB263



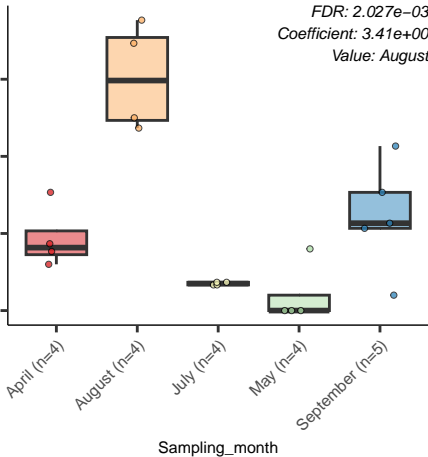
Azospirillum.lipoferum

FDR:  $2.001e-03$   
Coefficient:  $-1.48e+00$   
Value: May



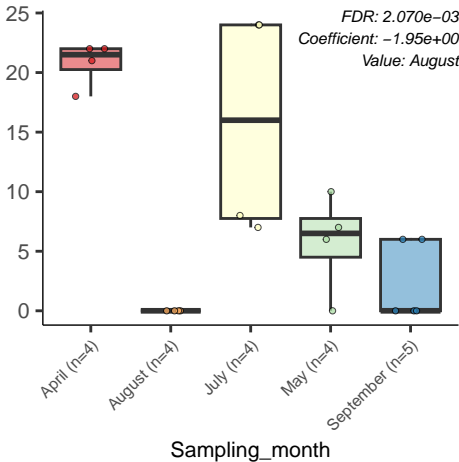
Herbaspirillum.frisingense

FDR: 2.027e-03  
Coefficient: 3.41e+00  
Value: August



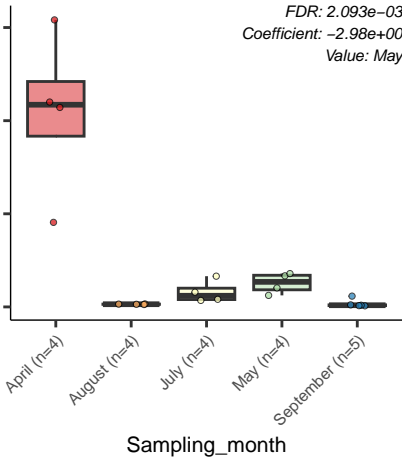


Gramella.salexigens



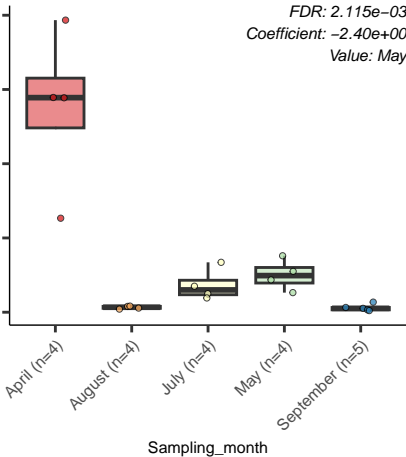
Winogradskyella.sp..PG.2

FDR:  $2.093e-03$   
Coefficient:  $-2.98e+00$   
Value: May

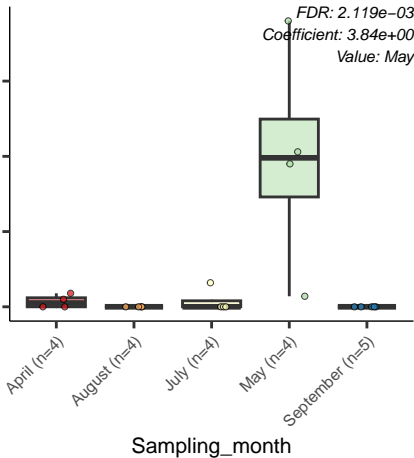


Winogradskyella.sp..RHA\_55

FDR:  $2.115e-03$   
Coefficient:  $-2.40e+00$   
Value: May

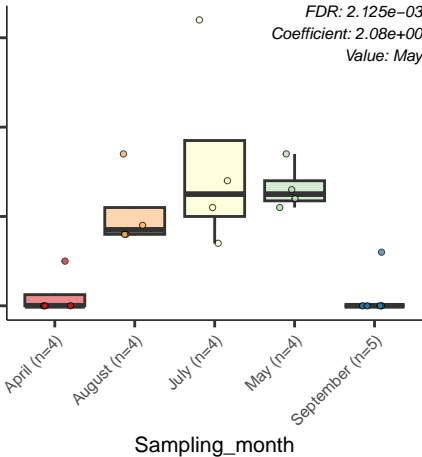


Gyrosigma.acuminatum



Frankia.casuarinae

FDR: 2.125e-03  
Coefficient: 2.08e+00  
Value: May

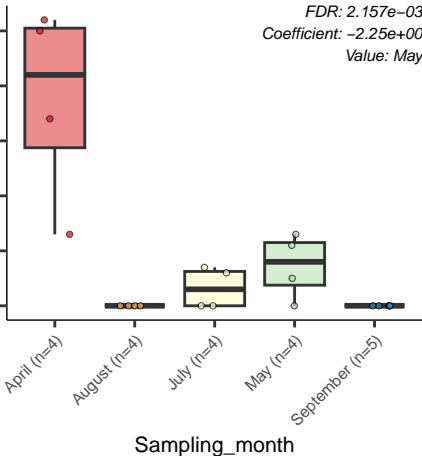


Dokdonia.donghaensis

FDR: 2.157e-03

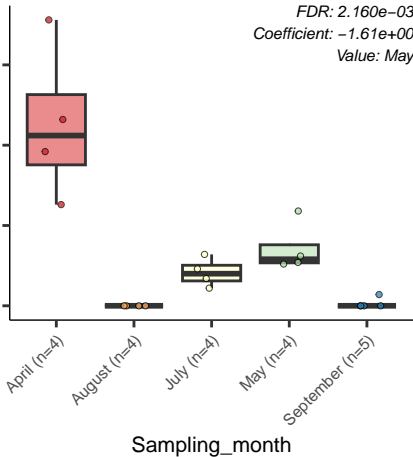
Coefficient: -2.25e+00

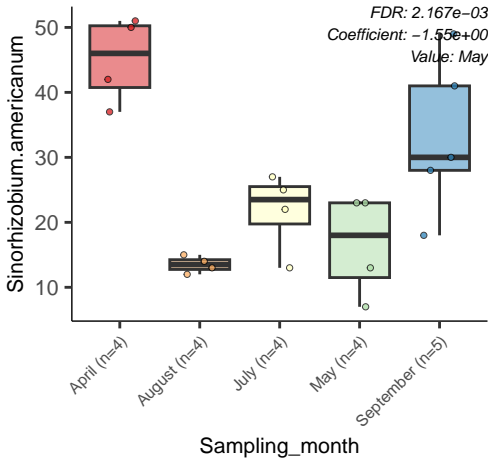
Value: May



Polaribacter.sp..MED152

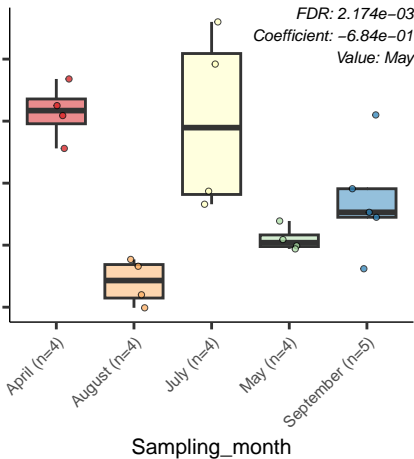
FDR:  $2.160e-03$   
Coefficient:  $-1.61e+00$   
Value: May





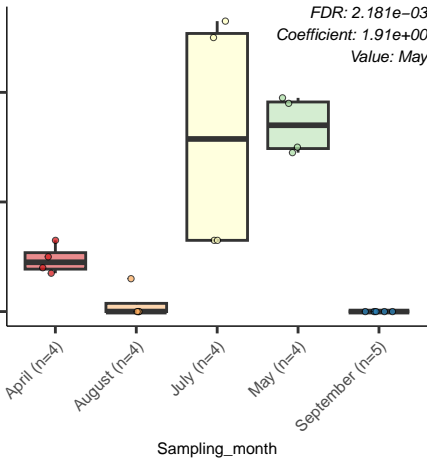


Rhodovulum.sp..MB263



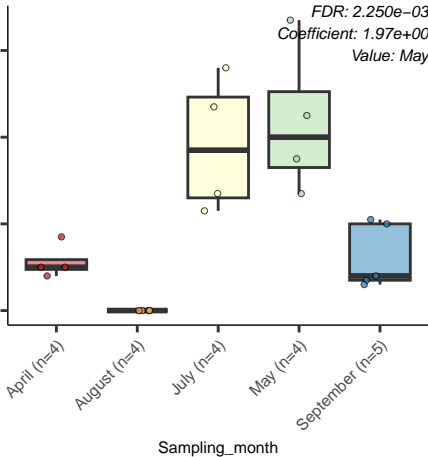
Oscillatoriales.cyanobacterium..Gollwitz.Poel.

FDR: 2.181e-03  
Coefficient: 1.91e+00  
Value: May

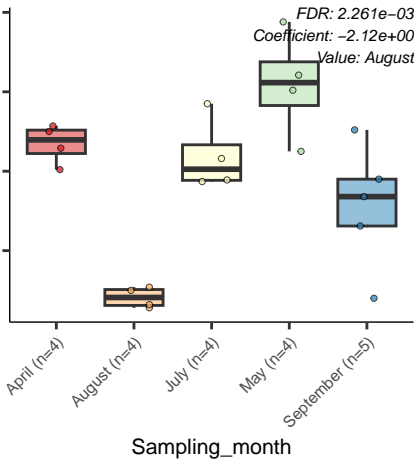


Ichthyobacterium.seriolicida

FDR: 2.250e-03  
Coefficient: 1.97e+00  
Value: May

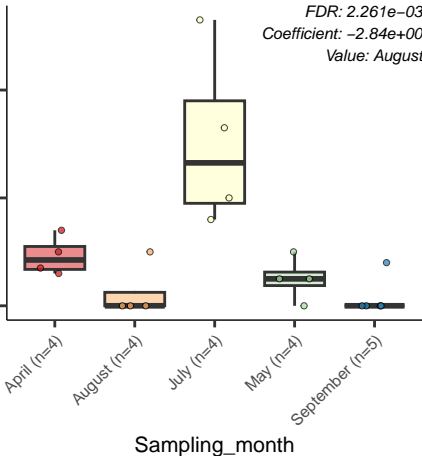


Congregibacter.litoralis



Denitrovibrio.acetiphilus

FDR: 2.261e-03  
Coefficient: -2.84e+00  
Value: August

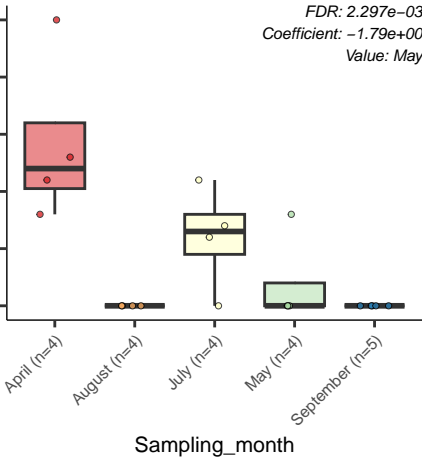


Nonlabens.sediminis

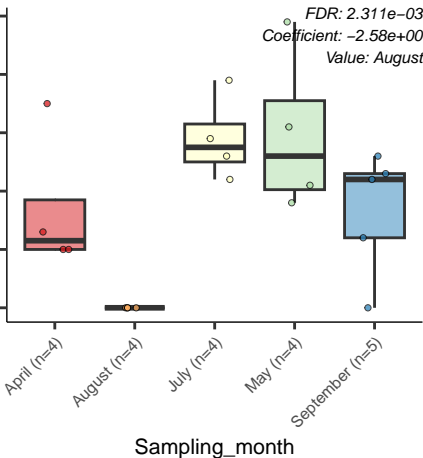
FDR: 2.297e-03

Coefficient: -1.79e+00

Value: May

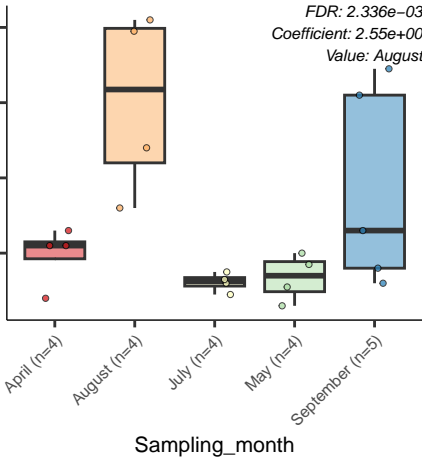


Rufibacter.tibetensis



Methylobacterium.sp..C1

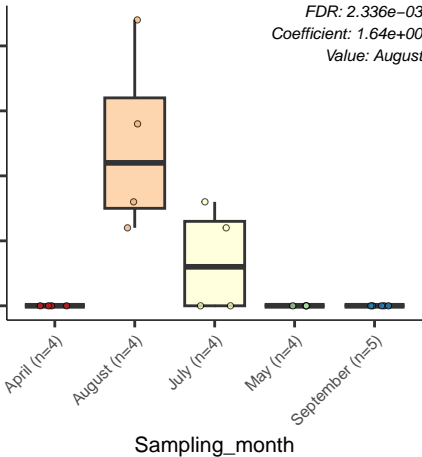
FDR: 2.336e-03  
Coefficient: 2.55e+00  
Value: August





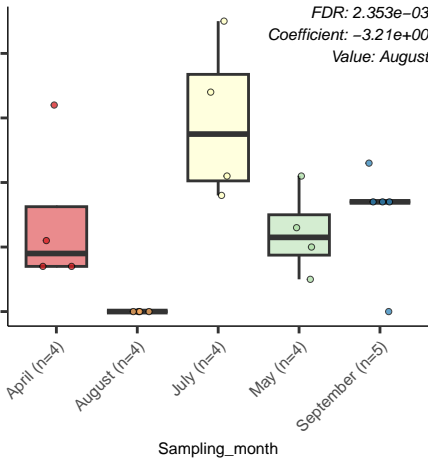
Halorientalis.regularis

*FDR: 2.336e-03*  
*Coefficient: 1.64e+00*  
*Value: August*



uncultured.Sphingobacteriales.bacterium.HF0010\_19

FDR:  $2.353e-03$   
Coefficient:  $-3.21e+00$   
Value: August

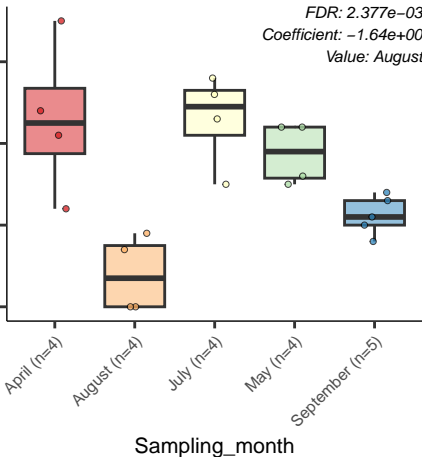


*Pseudomonas.putida*

FDR: 2.377e-03

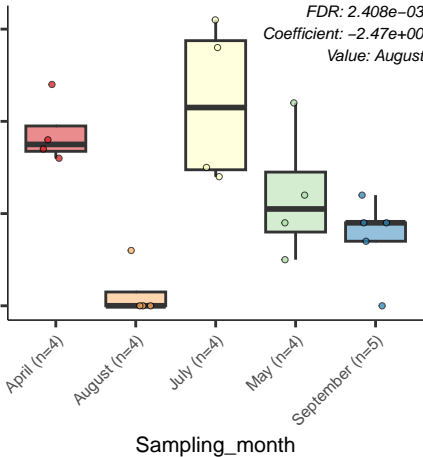
Coefficient: -1.64e+00

Value: August



Tenacibaculum.jejuense

FDR:  $2.408e-03$   
Coefficient:  $-2.47e+00$   
Value: August



*Vibrio.vulnificus*

FDR: 2.412e-03  
Coefficient: 3.64e+00  
Value: May

April (n=4)

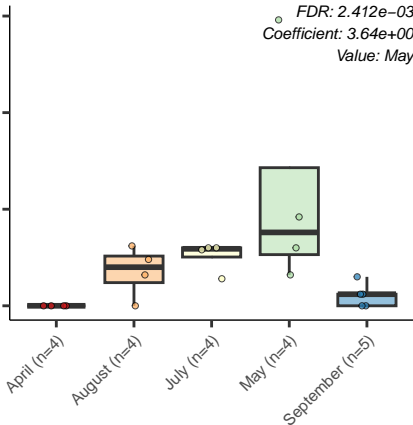
August (n=4)

July (n=4)

May (n=4)

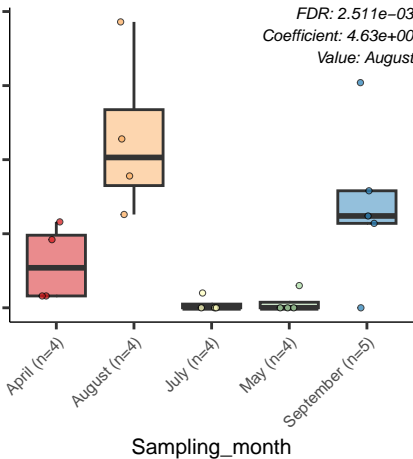
September (n=5)

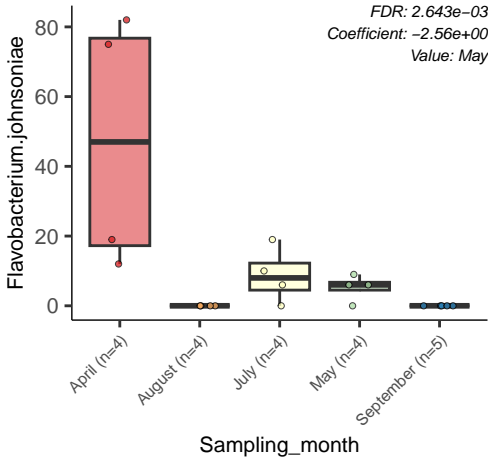
Sampling\_month



Rhodovibrio.sp..PJ41

FDR: 2.511e-03  
Coefficient: 4.63e+00  
Value: August





Erythrobacter.litoralis

6000

4000

2000

April (n=4)

August (n=4)

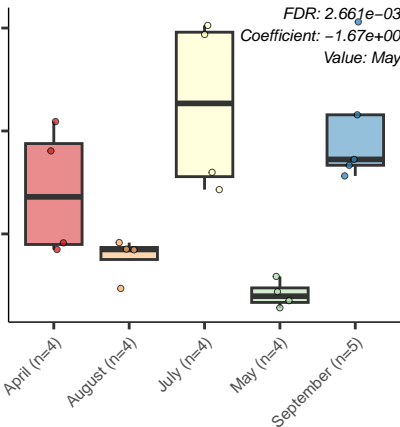
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

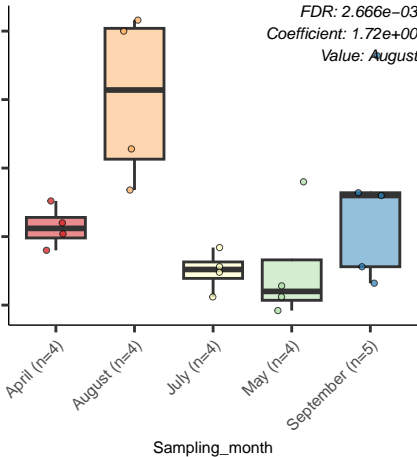
FDR:  $2.661e-03$   
Coefficient:  $-1.67e+00$   
Value: May





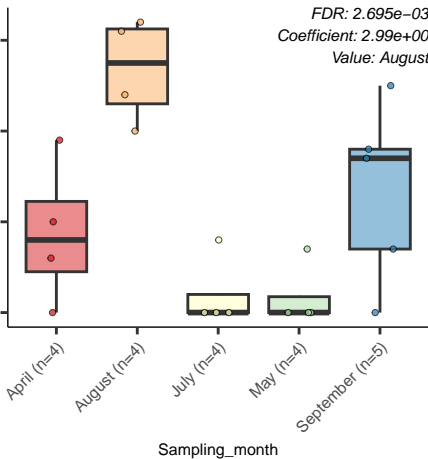
Azospirillum.humicireducens

FDR: 2.666e-03  
Coefficient: 1.72e+00  
Value: August



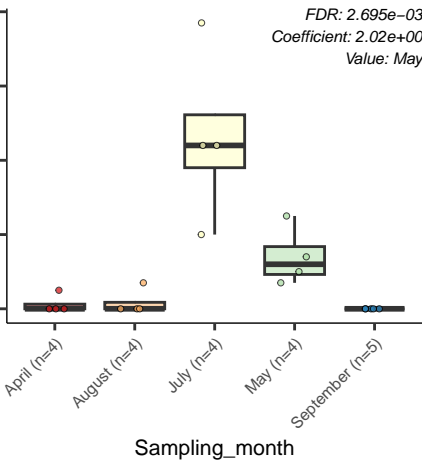
uncultured.alpha.proteobacterium.HF0010\_13E22

FDR: 2.695e-03  
Coefficient: 2.99e+00  
Value: August



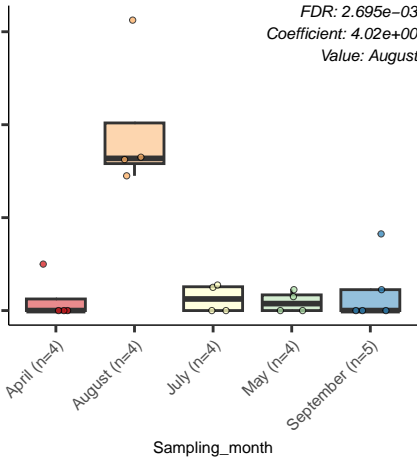
Sulfurimonas.autotrophica

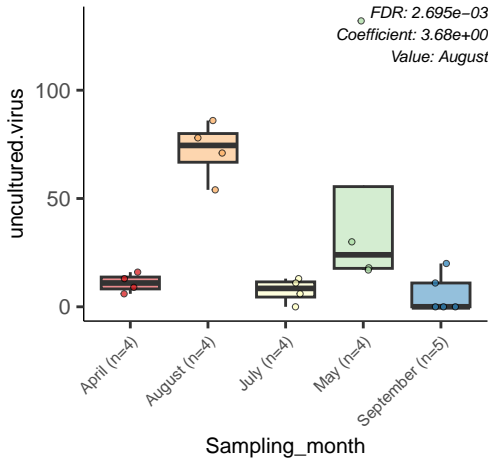
FDR: 2.695e-03  
Coefficient: 2.02e+00  
Value: May



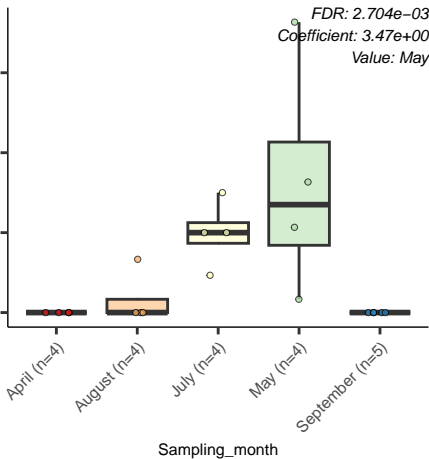
uncultured.Salinibacter.sp.

*FDR: 2.695e-03*  
*Coefficient: 4.02e+00*  
*Value: August*

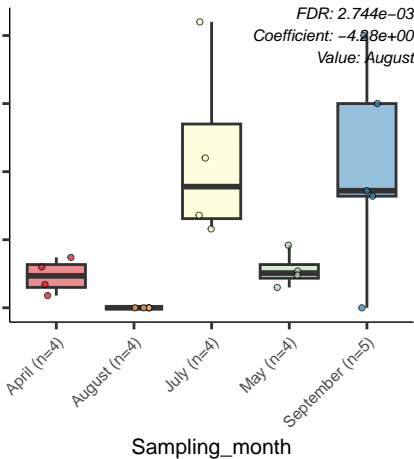




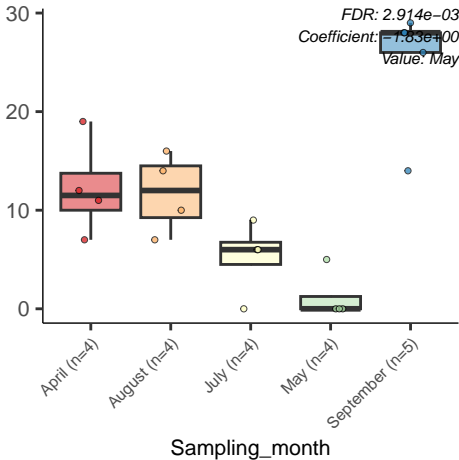
marine.bacterium.enrichment.culture.clone.A01.A1.



Emticia.oligotrophica



Spingopyxis.sp..113P3





Pelobacter.sp..SFB93

200  
150  
100  
50  
0

*FDR: 2.953e-03*  
*Coefficient: -2.74e+00*  
*Value: August*

April (n=4)

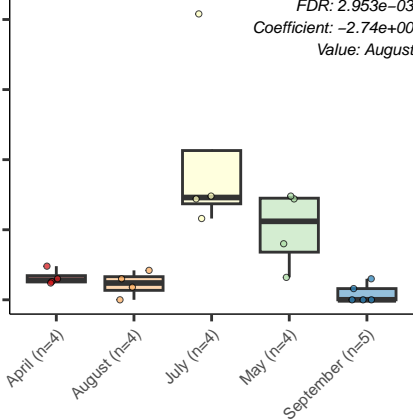
August (n=4)

July (n=4)

May (n=4)

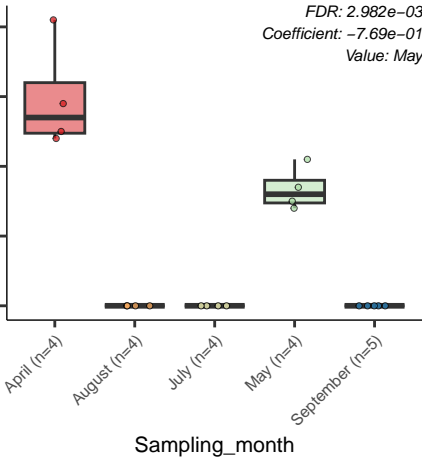
September (n=5)

Sampling\_month



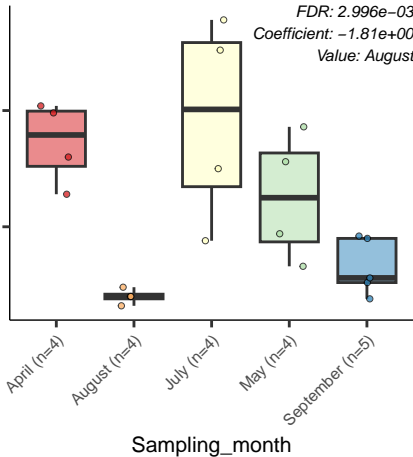
Amphora.sp..CTM.20023

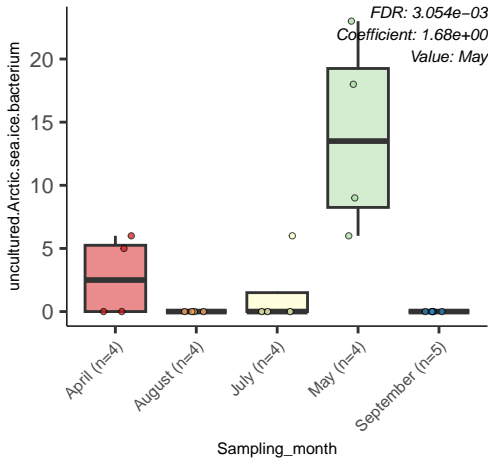
FDR: 2.982e-03  
Coefficient: -7.69e-01  
Value: May



Maribacter.sp..T28

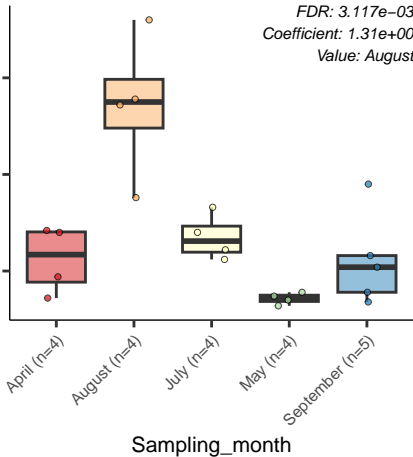
*FDR: 2.996e-03*  
*Coefficient: -1.81e+00*  
*Value: August*

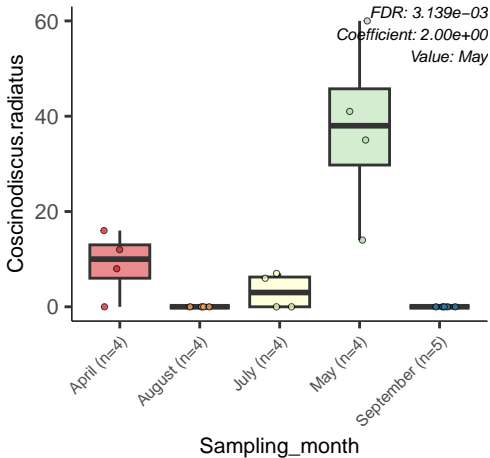




Halorhodospira.halophila

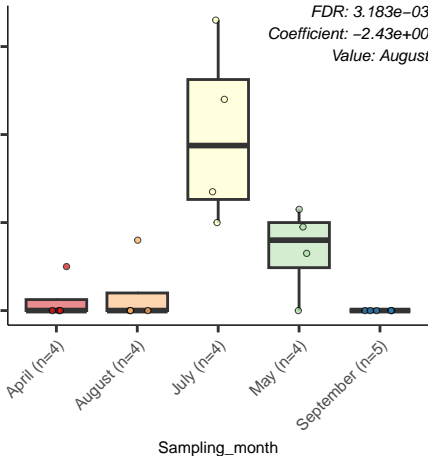
FDR:  $3.117e-03$   
Coefficient:  $1.31e+00$   
Value: August

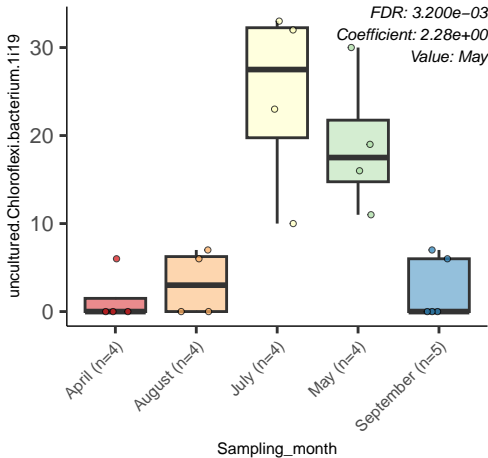




Desulfuromonas.acetoxidans

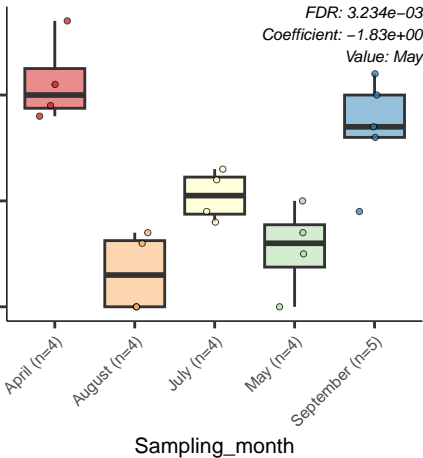
*FDR: 3.183e-03*  
*Coefficient: -2.43e+00*  
*Value: August*







*Zymomonas mobilis*



Sphingorhabdus.sp..M41

7.5  
5.0  
2.5  
0.0

April (n=4)

August (n=4)

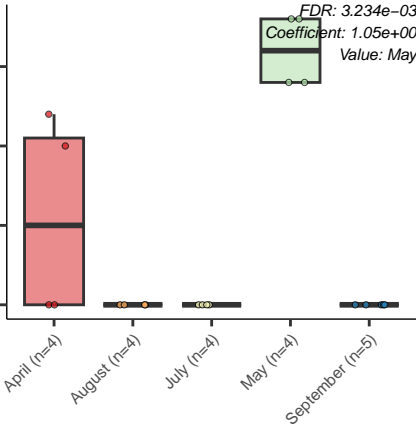
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

FDR: 3.234e-03  
Coefficient: 1.05e+00  
Value: May

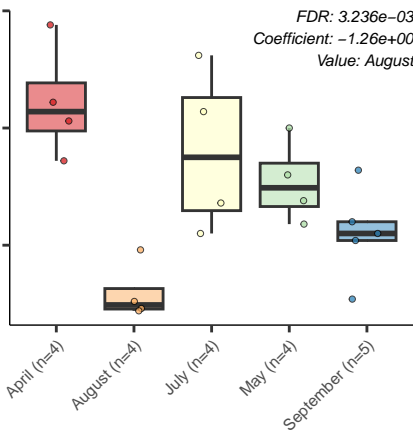


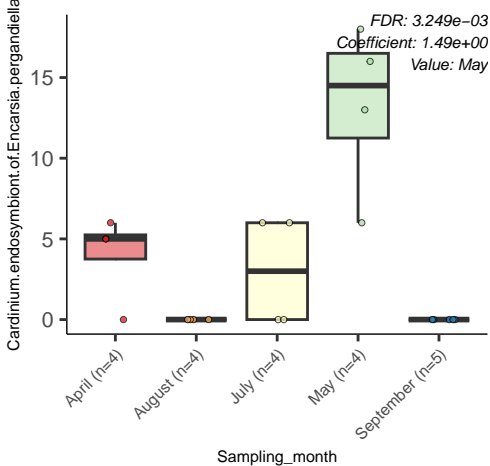
Roseobacter.sp..KT0202a

*FDR: 3.236e-03*  
*Coefficient: -1.26e+00*  
*Value: August*

April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

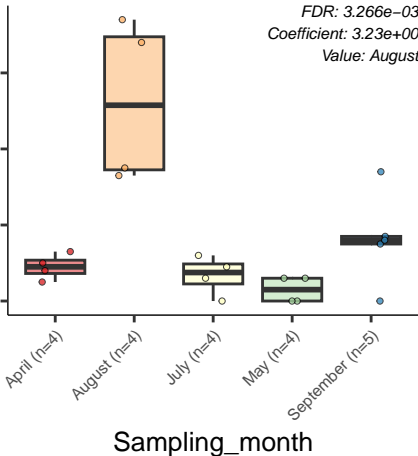
Sampling\_month



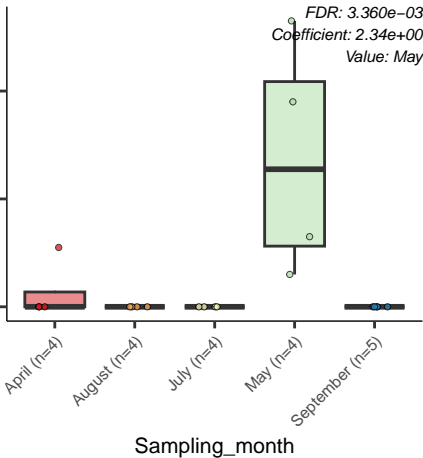


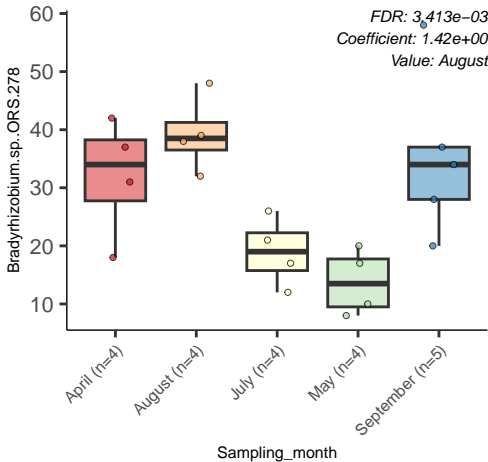
Kocuria.flava

FDR: 3.266e-03  
Coefficient: 3.23e+00  
Value: August

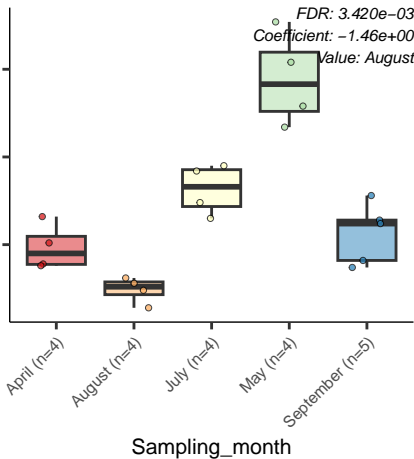


Vibrio.navarrensis





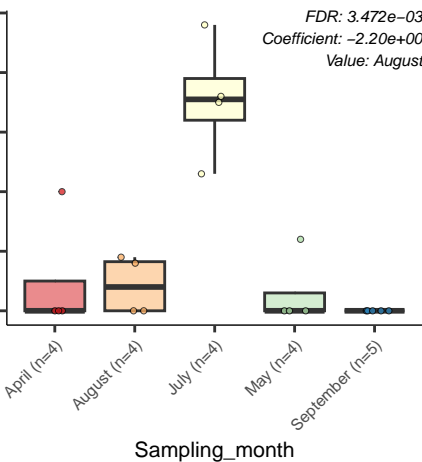
Echinicola.vietnamensis

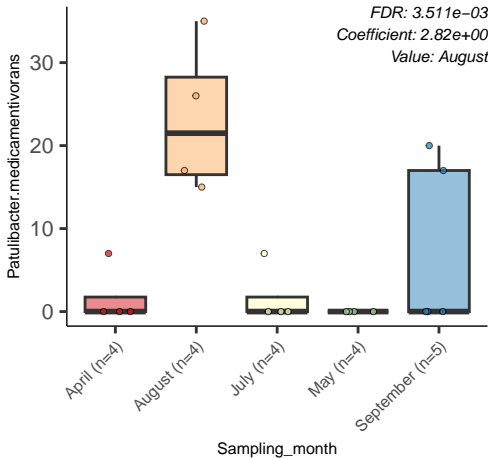




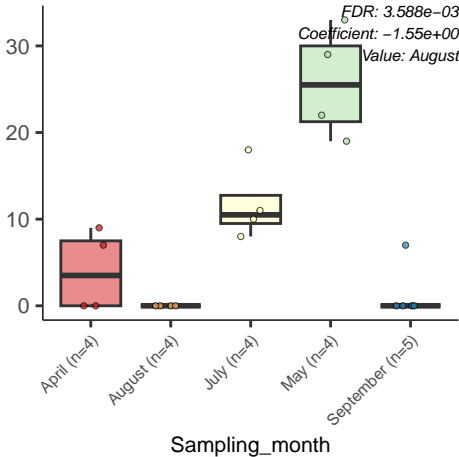
Gracilimonas.sp..HME9591

FDR:  $3.472e-03$   
Coefficient:  $-2.20e+00$   
Value: August





Teredinibacter.turnerae



Agarivorans.gilvus

*FDR: 3.667e-03*  
*Coefficient: 1.86e+00*  
*Value: May*

20

10

0

April (n=4)

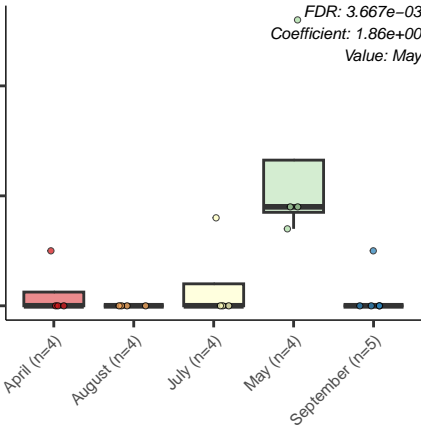
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Rhizobiales.bacterium.NRL2

4000

3000

2000

1000

April (n=4)

August (n=4)

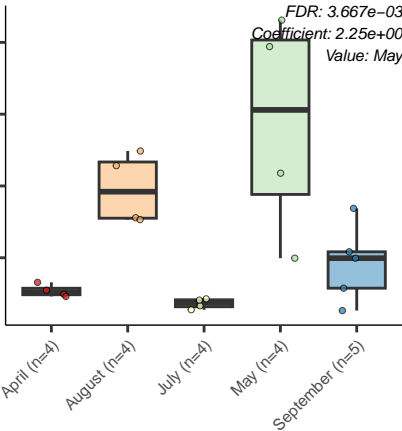
July (n=4)

May (n=4)

September (n=5)

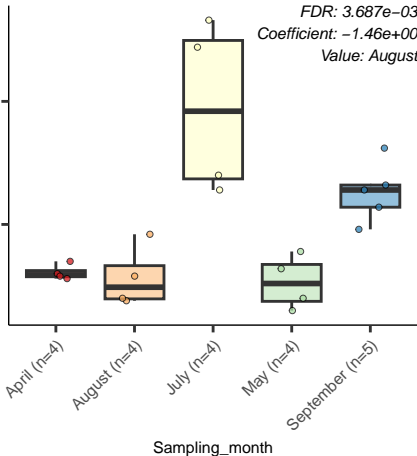
Sampling\_month

FDR: 3.667e-03  
Coefficient: 2.25e+00  
Value: May



Porphyrrobacter.neustonensis

*FDR: 3.687e-03*  
*Coefficient: -1.46e+00*  
*Value: August*



Halorhabdus.tiamatea

FDR: 3.694e-03  
Coefficient: 3.51e+00  
Value: August

9000

6000

3000

0

April (n=4)

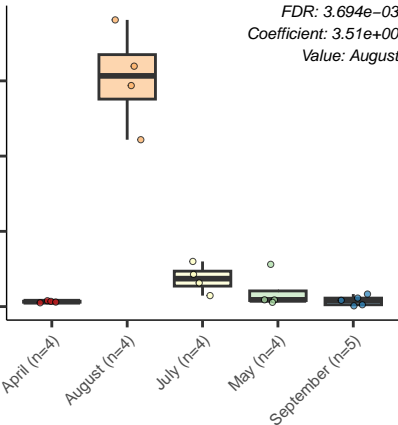
August (n=4)

July (n=4)

May (n=4)

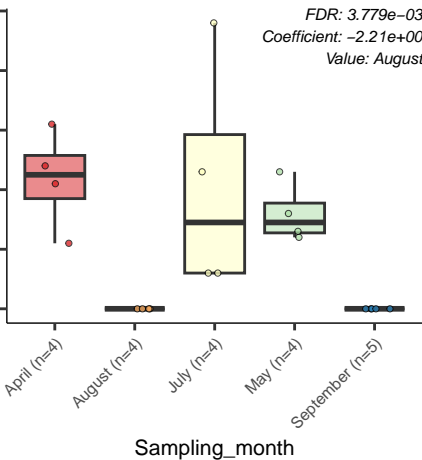
September (n=5)

Sampling\_month



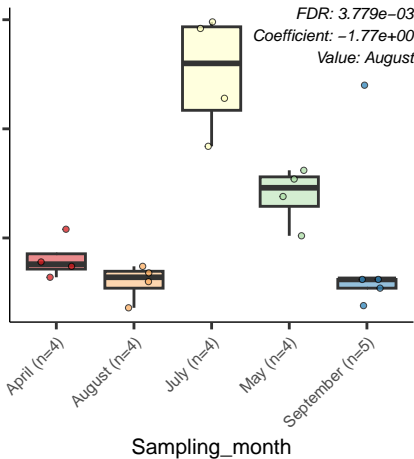
Sedimimicola.sp..YIK13

*FDR: 3.779e-03*  
*Coefficient: -2.21e+00*  
*Value: August*



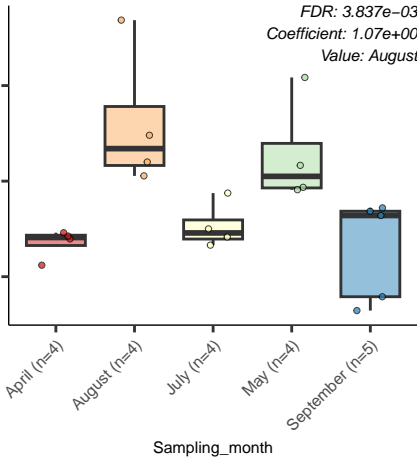


Litorilinea.aerophila



uncultured.Bacteroidetes.bacterium

FDR: 3.837e-03  
Coefficient: 1.07e+00  
Value: August



Phormidium.sp..IFBC.Phod32

FDR:  $3.837e-03$   
Coefficient:  $1.58e+00$   
Value: May

April (n=4)

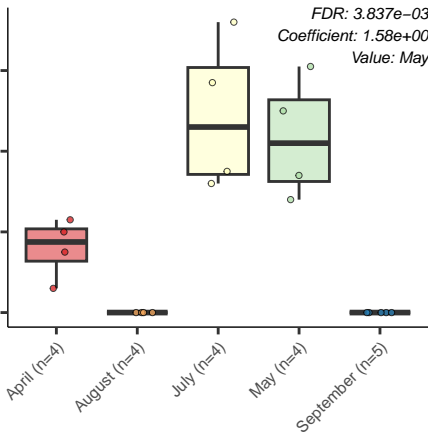
August (n=4)

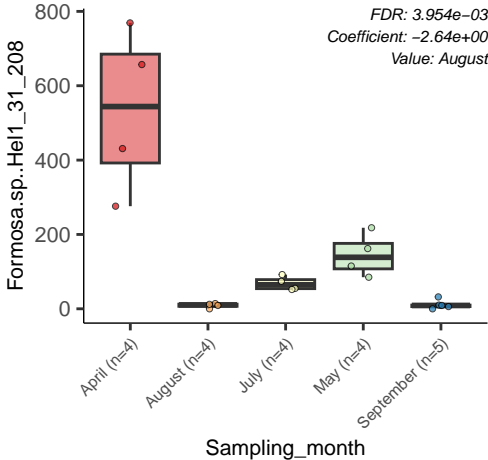
July (n=4)

May (n=4)

September (n=5)

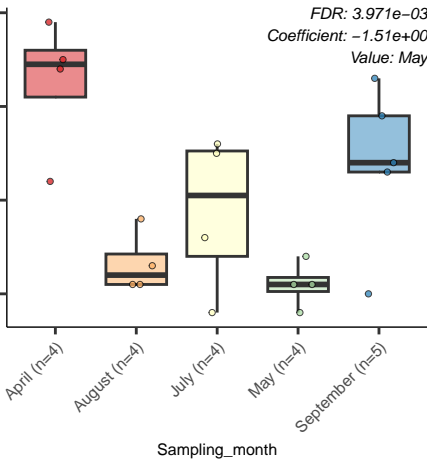
Sampling\_month



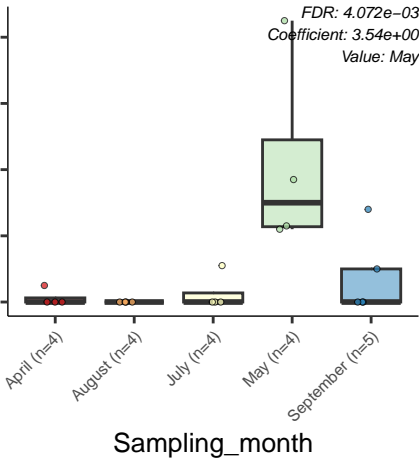


Spingomonas.asaccharolytica

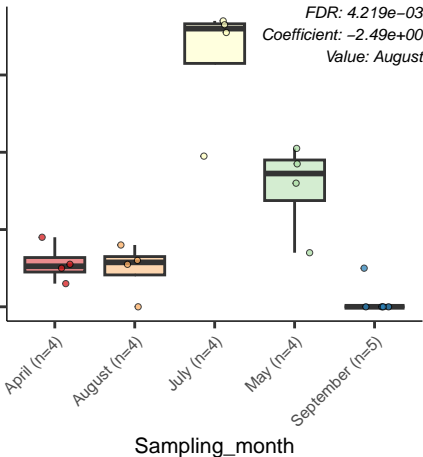
*FDR: 3.971e-03*  
*Coefficient: -1.51e+00*  
*Value: May*



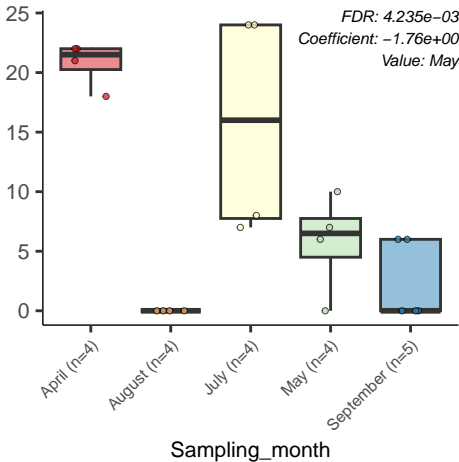
Vibrio.cholerae



Pelobacter.carbinolicus



Gramella.salexigens



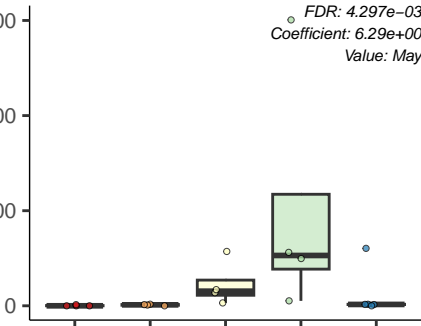


*Vibrio.alginolyticus*

FDR: 4.297e-03  
Coefficient: 6.29e+00  
Value: May

April (n=4)      August (n=4)      July (n=4)      May (n=4)      September (n=5)

Sampling\_month



melanogaster.subgroup

FDR:  $4.299e-03$

Coefficient:  $-1.15e+00$

Value: May

April (n=4)

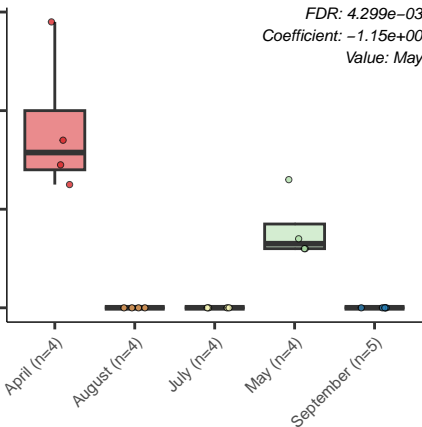
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month

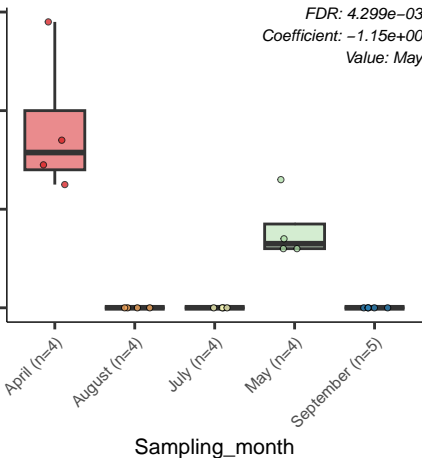


*Drosophila.melanogaster*

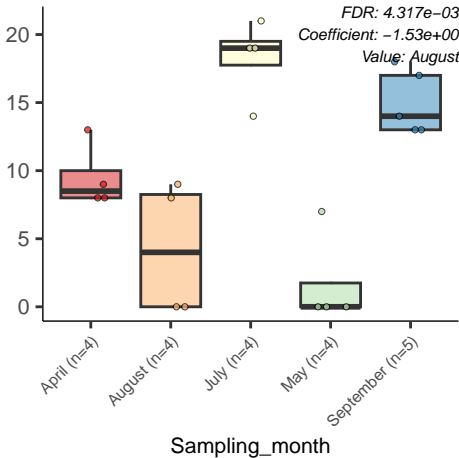
FDR: 4.299e-03

Coefficient: -1.15e+00

Value: May

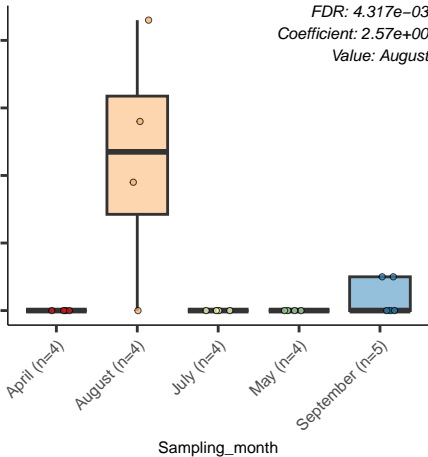


Sphingobium.japonicum



Euhalothece.sp..BDU.100913

FDR: 4.317e-03  
Coefficient: 2.57e+00  
Value: August



Harpacticus.sp..France\_RJH\_2007

FDR:  $4.326e-03$   
Coefficient:  $-1.06e+00$   
Value: May

100

50

0

April (n=4)

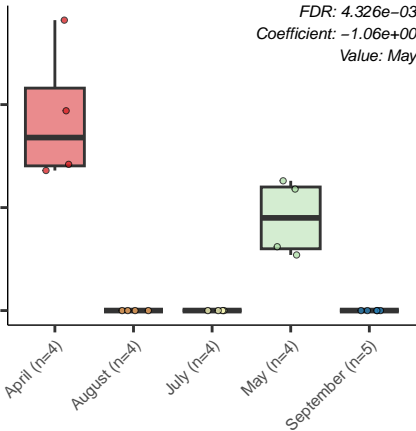
August (n=4)

July (n=4)

May (n=4)

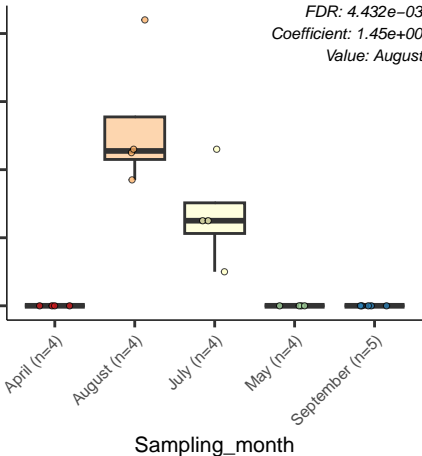
September (n=5)

Sampling\_month

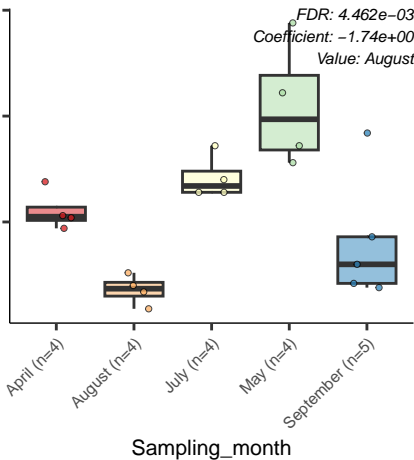


Halorubrum.distributum

*FDR: 4.432e-03*  
*Coefficient: 1.45e+00*  
*Value: August*



Halioglobus.pacificus





Candidatus.Fluviicola.riflensis

FDR:  $4.515e-03$   
Coefficient:  $-2.73e+00$   
Value: August

April (n=4)

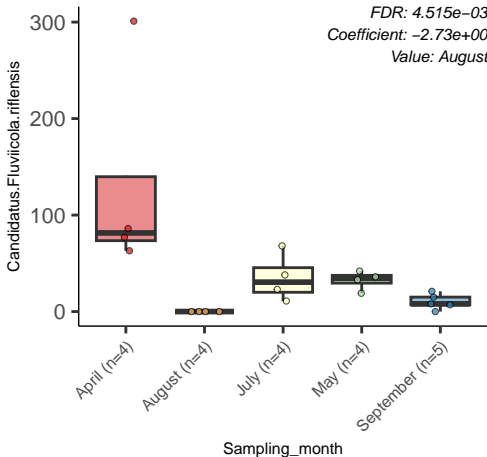
August (n=4)

July (n=4)

May (n=4)

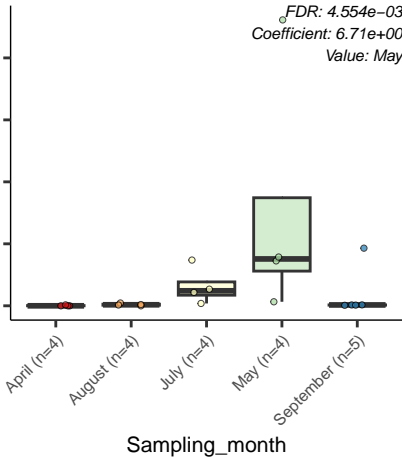
September (n=5)

Sampling\_month

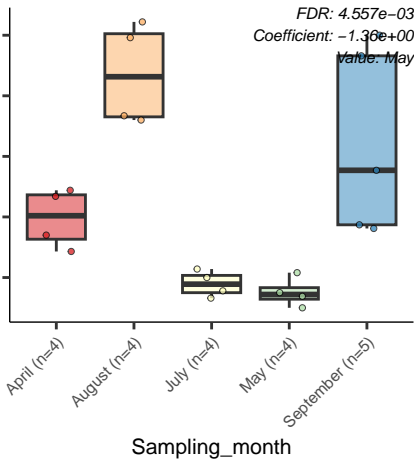


*Vibrio.parahaemolyticus*

FDR:  $4.554e-03$   
Coefficient:  $6.71e+00$   
Value: May

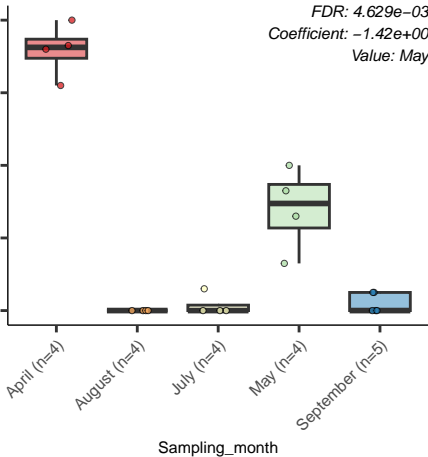


Methylorubrum.populi



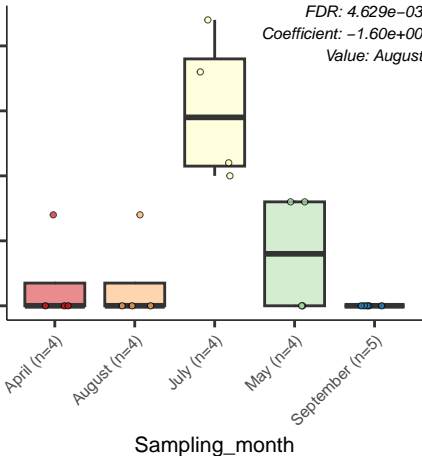
Glaciecola.nitrateducens

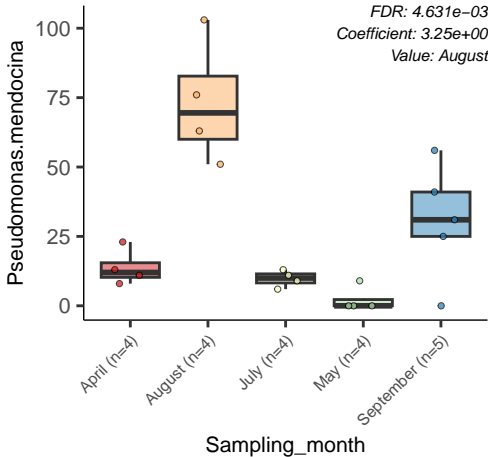
FDR:  $4.629e-03$   
Coefficient:  $-1.42e+00$   
Value: May

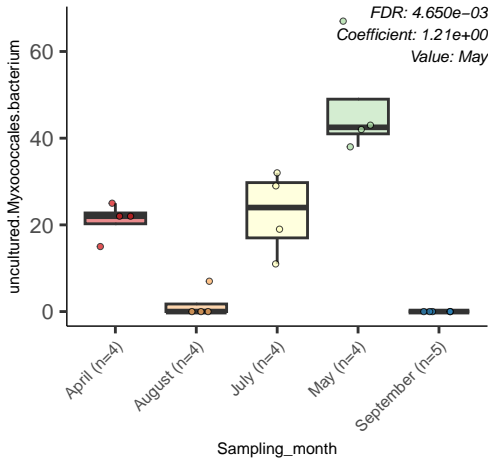


bacterium.YC.ZSS.LKJ42

*FDR: 4.629e-03*  
*Coefficient: -1.60e+00*  
*Value: August*

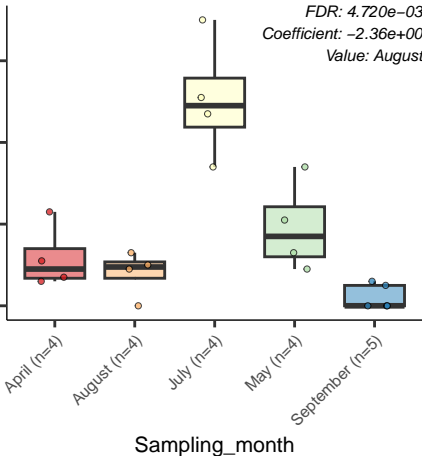






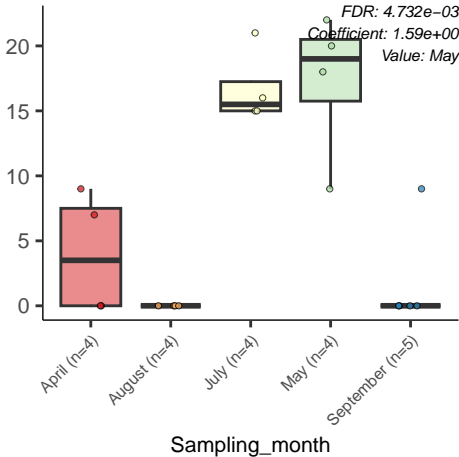
Pelobacter.acetylenicus

FDR:  $4.720e-03$   
Coefficient:  $-2.36e+00$   
Value: August



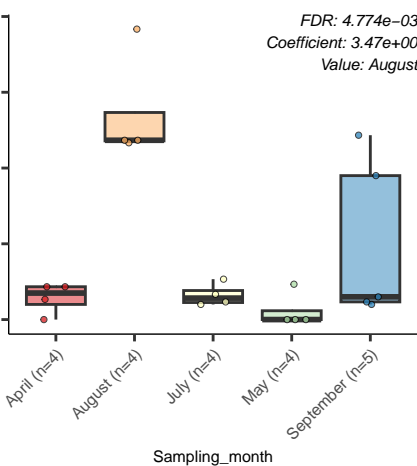


Flammeovirga.sp..MY04



uncultured.marine.bacterium.159

*FDR: 4.774e-03*  
*Coefficient: 3.47e+00*  
*Value: August*



Winogradskyella.sp..PC.19

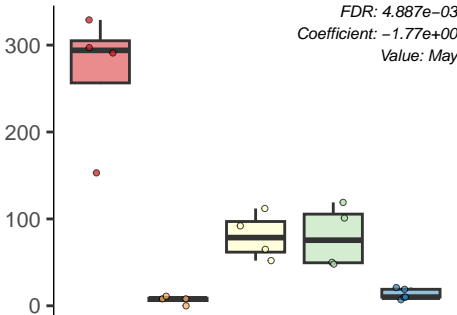
FDR:  $4.887e-03$

Coefficient:  $-1.77e+00$

Value: May

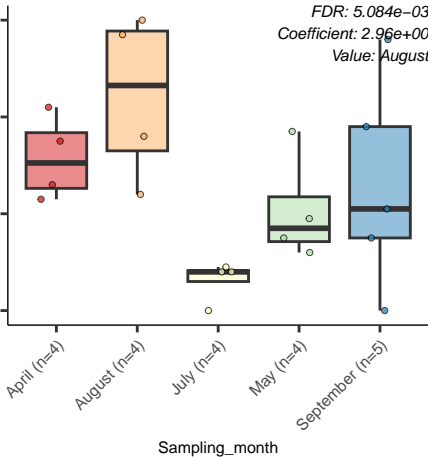
April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

Sampling\_month



Granulibacter.bethesdensis

FDR: 5.084e-03  
Coefficient: 2.96e+00  
Value: August



Sphingobacterium.sp..21

FDR:  $5.148e-03$

Coefficient:  $-3.76e+00$

Value: August

April (n=4)

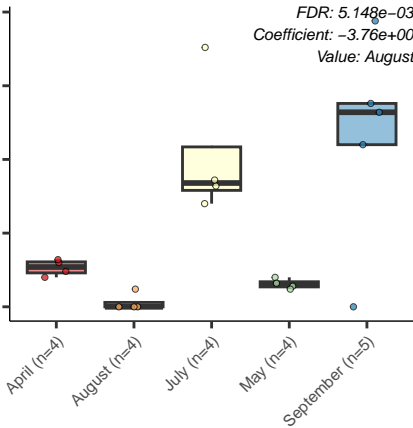
August (n=4)

July (n=4)

May (n=4)

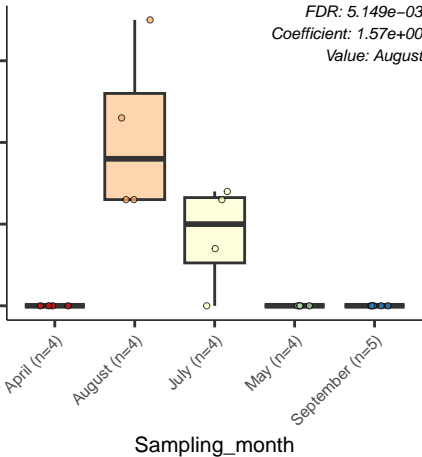
September (n=5)

Sampling\_month



Halobacterium.sp..AUS.2

FDR: 5.149e-03  
Coefficient: 1.57e+00  
Value: August

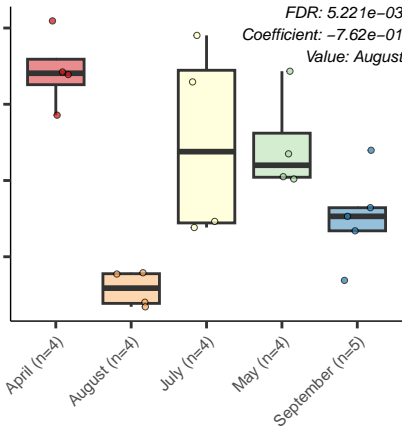


Salipiger.profundus

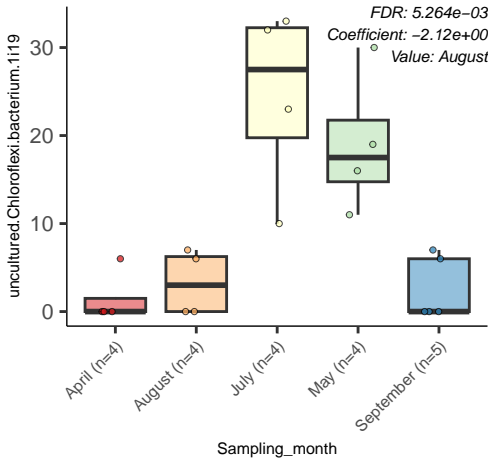
FDR: 5.221e-03

Coefficient: -7.62e-01

Value: August

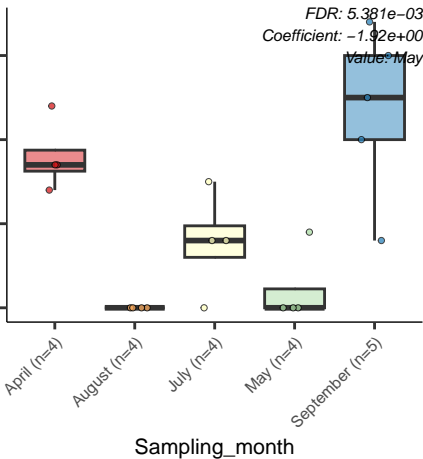


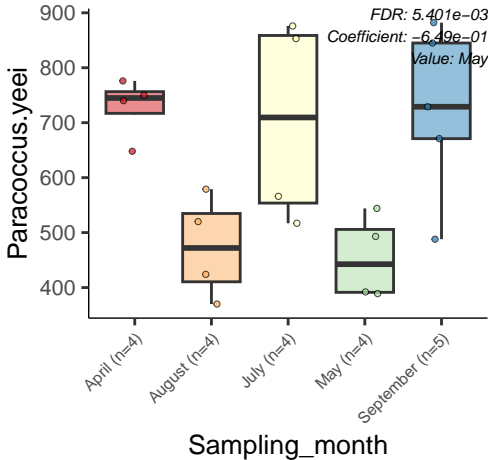
Sampling\_month



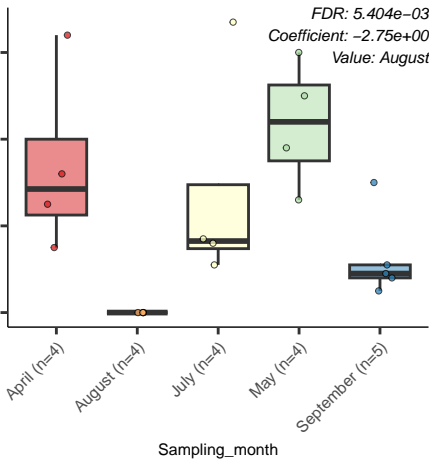


Roseivivax.sediminis



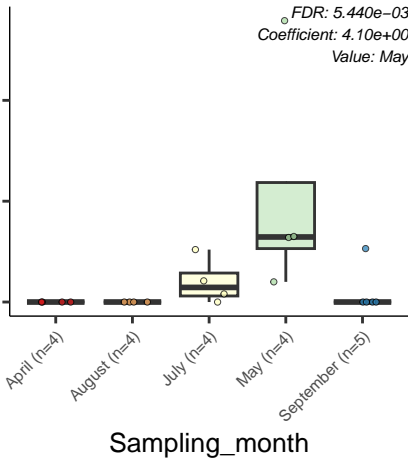


*Pseudohongiella spirulinae*



Vibrio.harveyi

FDR: 5.440e-03  
Coefficient: 4.10e+00  
Value: May

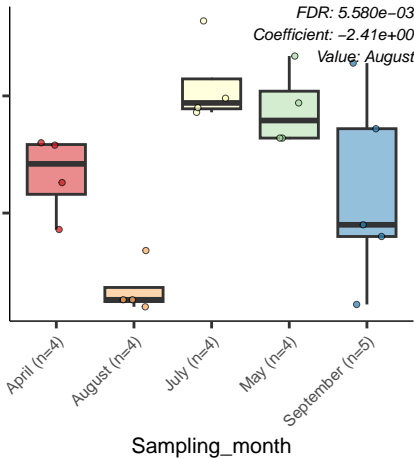


Halioglobus.japonicus

FDR: 5.580e-03

Coefficient: -2.41e+00

Value: August

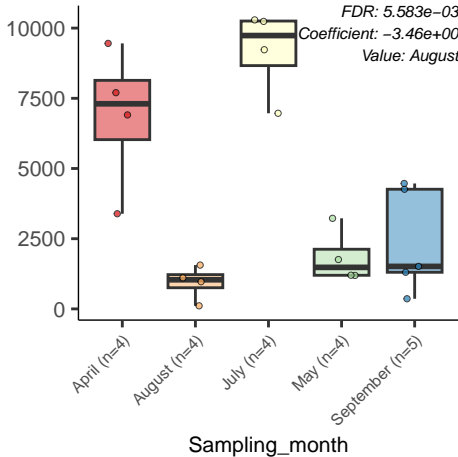


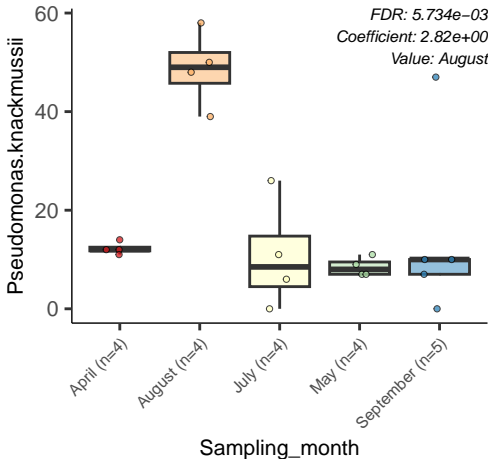
Marinobacter.adhaerens

FDR:  $5.583e-03$

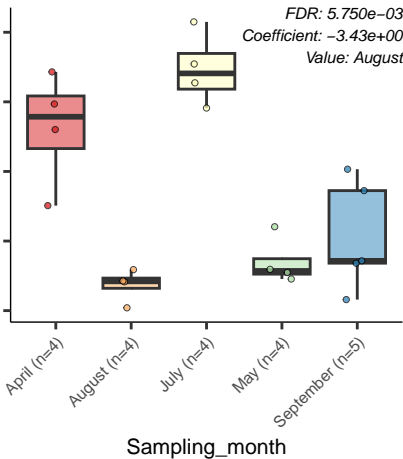
Coefficient:  $-3.46e+00$

Value: August





Marinobacter.sp..es.042





Bacteriovorax.stolpii

FDR: 5.836e-03

Coefficient: 2.63e+00

Value: May

April (n=4)

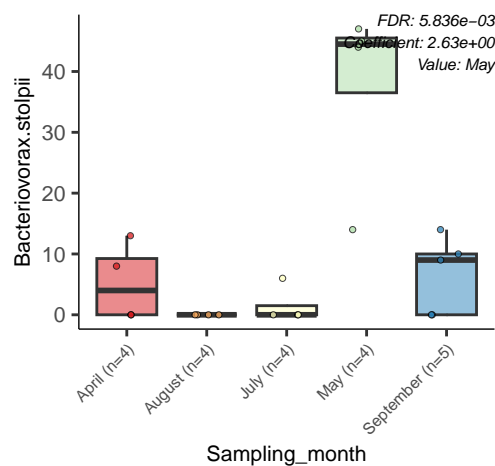
August (n=4)

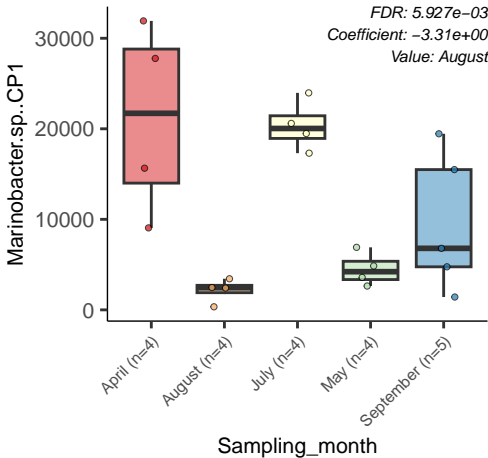
July (n=4)

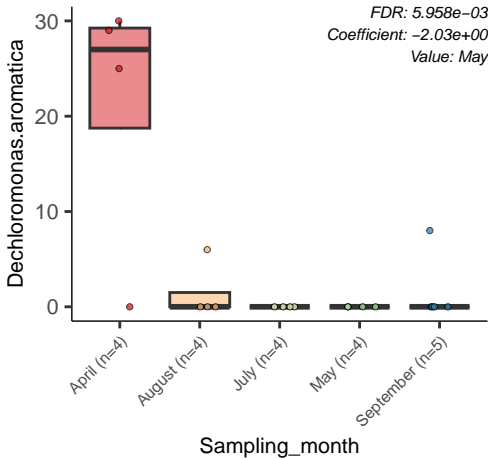
May (n=4)

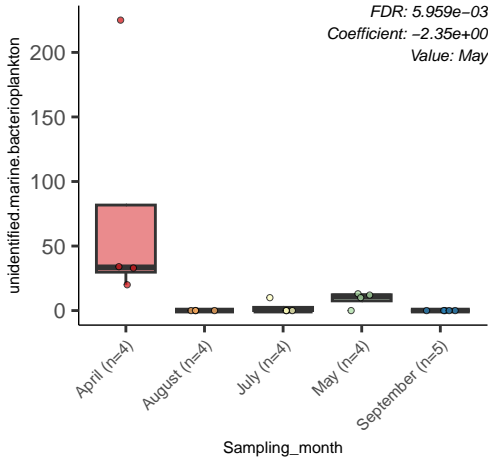
September (n=5)

Sampling\_month

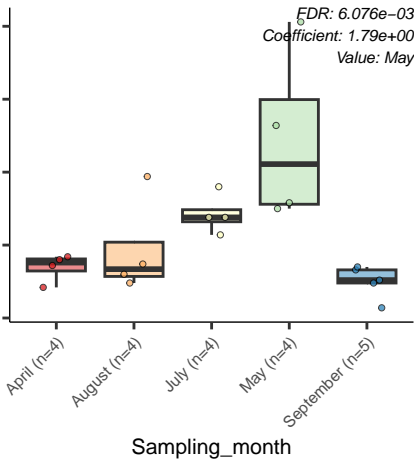


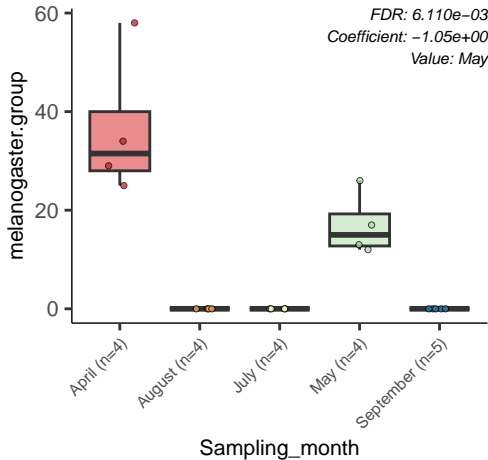






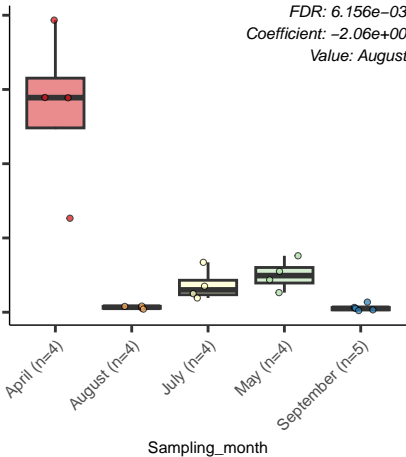
Nannocystis.exedens



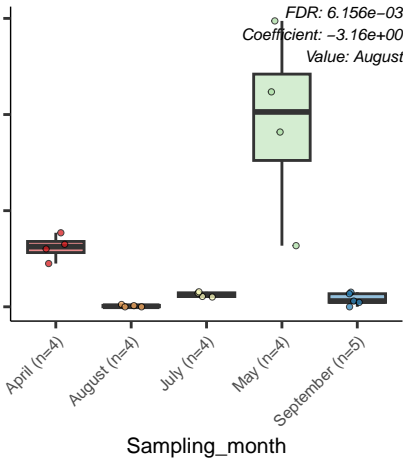


Winogradskyella.sp..RHA\_55

FDR:  $6.156e-03$   
Coefficient:  $-2.06e+00$   
Value: August



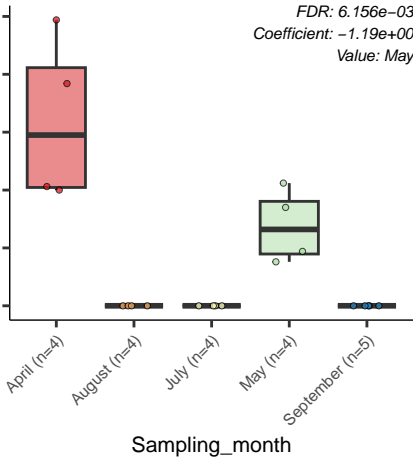
Cylindrotheca.closterium



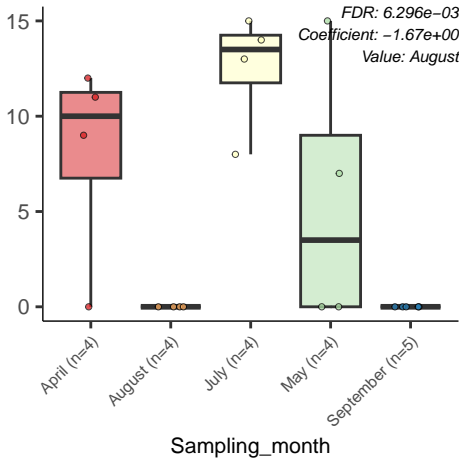


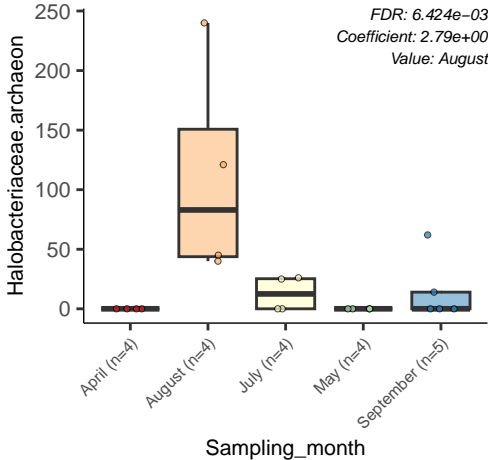
Longipedia.sp..DZMB183

FDR:  $6.156e-03$   
Coefficient:  $-1.19e+00$   
Value: May



Dokdonia.sp..4H.3.7.5





Cyclobacterium.marinum

FDR: 6.434e-03  
Coefficient: 1.80e+00  
Value: May

April (n=4)

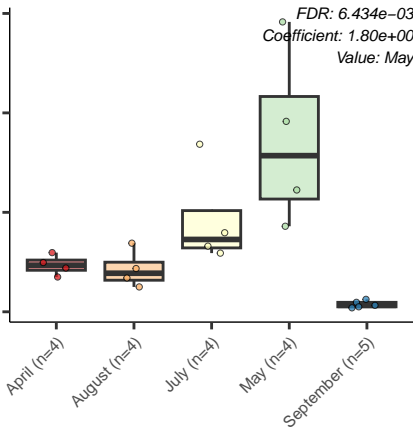
August (n=4)

July (n=4)

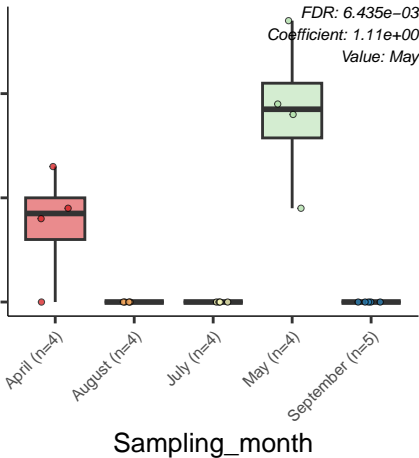
May (n=4)

September (n=5)

Sampling\_month



Cymbella.tumida



Cellulophaga.algicola

FDR: 6.442e-03

Coefficient: -1.72e+00

Value: August

April (n=4)

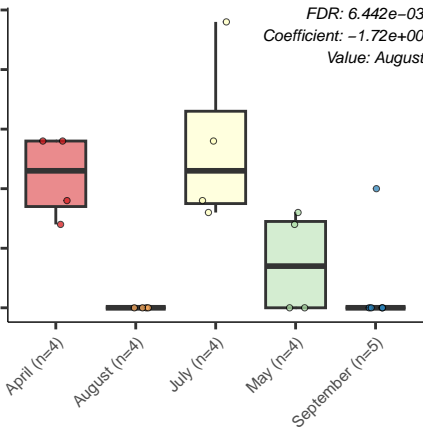
August (n=4)

July (n=4)

May (n=4)

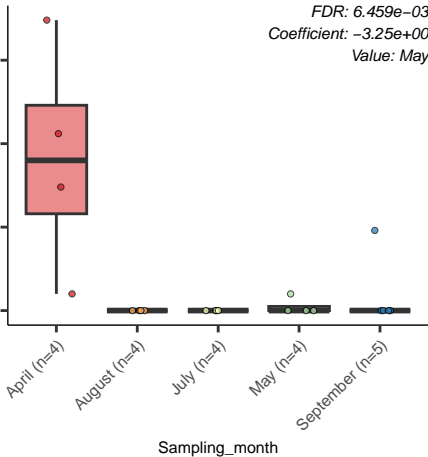
September (n=5)

Sampling\_month



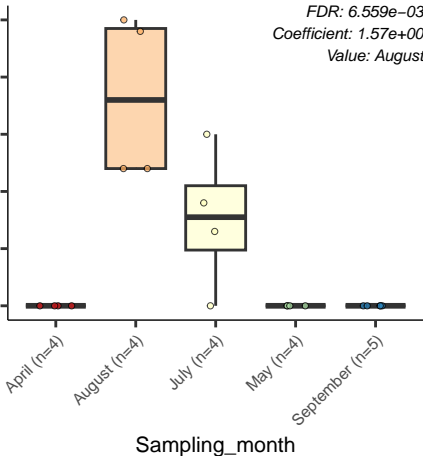
uncultured.compost.bacterium

FDR: 6.459e-03  
Coefficient: -3.25e+00  
Value: May



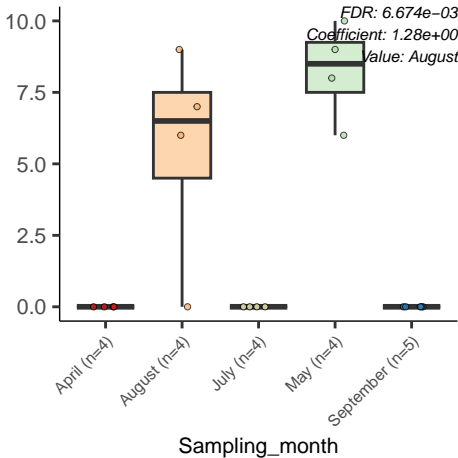
Halorubrum.halodurans

*FDR: 6.559e-03*  
*Coefficient: 1.57e+00*  
*Value: August*





Escherichia.coli



Phormidium.lucidum

*FDR: 6.853e-03*

*Coefficient: 1.52e+00*

*Value: May*

April (n=4)

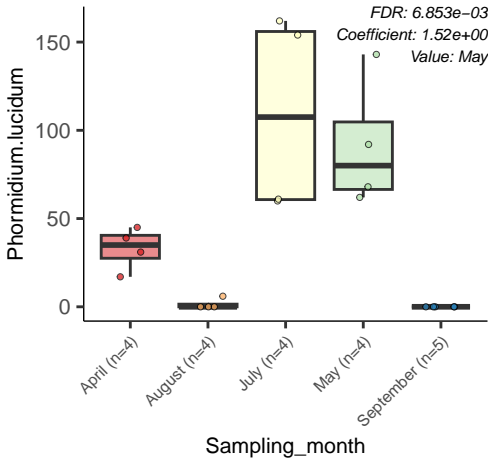
August (n=4)

July (n=4)

May (n=4)

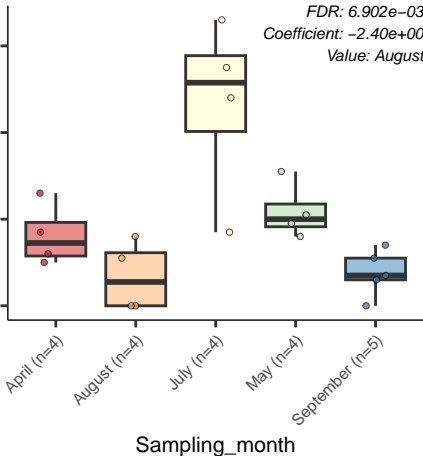
September (n=5)

Sampling\_month



Bradyrhizobium.sp..BTai1

FDR:  $6.902e-03$   
Coefficient:  $-2.40e+00$   
Value: August



Starkeya.novella

FDR:  $6.902e-03$   
Coefficient:  $1.02e+00$   
Value: August

April (n=4)

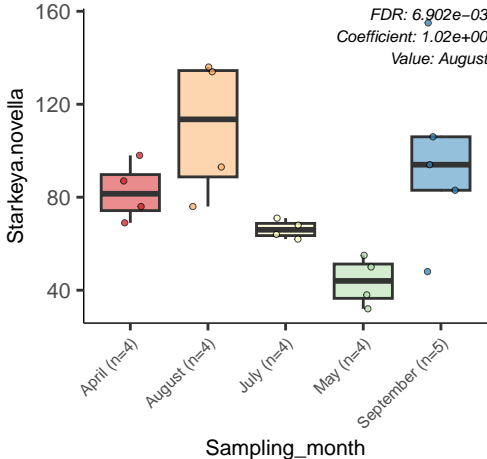
August (n=4)

July (n=4)

May (n=4)

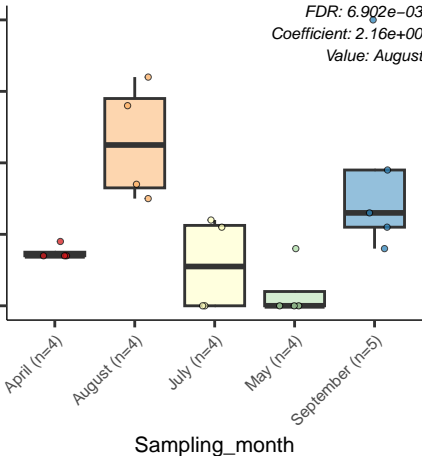
September (n=5)

Sampling\_month



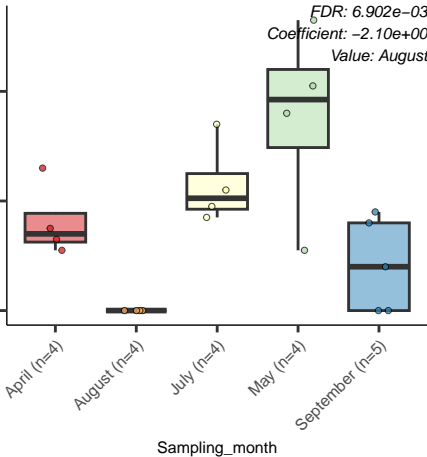
Spingomonas.sp..JJ.A5

FDR:  $6.902e-03$   
Coefficient:  $2.16e+00$   
Value: August



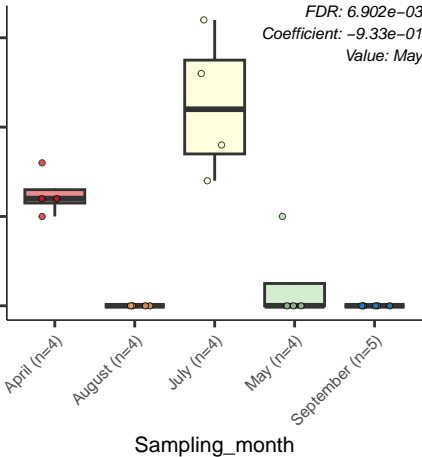
uncultured.Flammeovirgaceae.bacterium

FDR:  $6.902e-03$   
Coefficient:  $-2.10e+00$   
Value: August

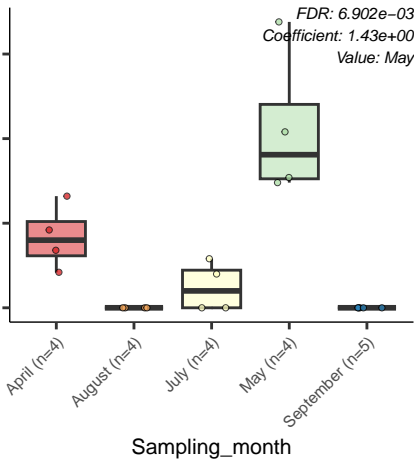


Pelosinus.fermentans

*FDR: 6.902e-03*  
*Coefficient: -9.33e-01*  
*Value: May*

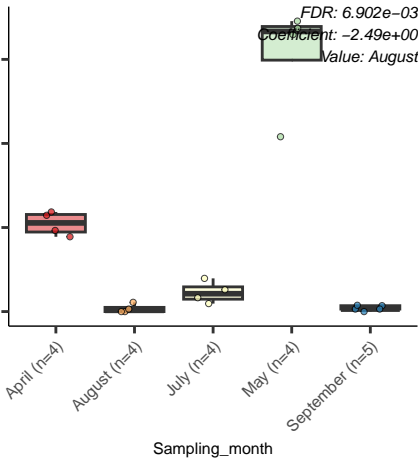


Nitzschia.cf..pusilla



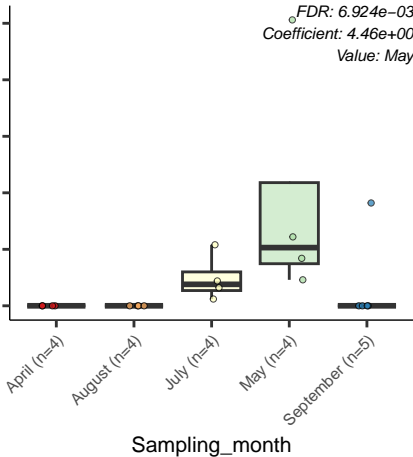


Pseudo.nitzschia.multiseres



*Vibrio.campbellii*

FDR:  $6.924e-03$   
Coefficient:  $4.46e+00$   
Value: May

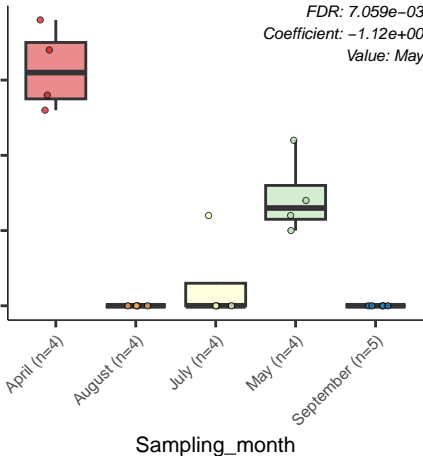


Isochrysis.sp..SAG.927.2

FDR:  $7.059e-03$

Coefficient:  $-1.12e+00$

Value: May

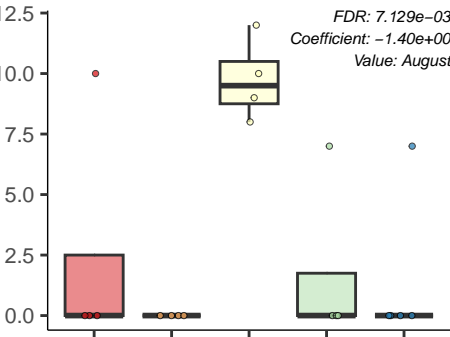


Pseudorhodobacter.ferrugineus

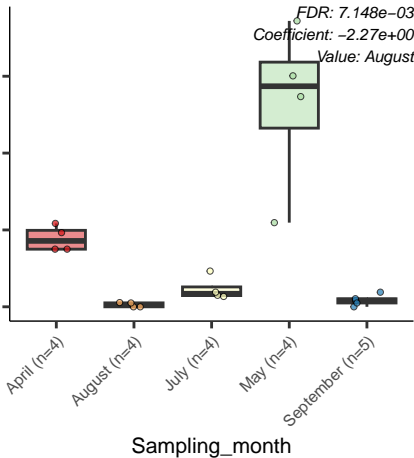
*FDR: 7.129e-03*  
*Coefficient: -1.40e+00*  
*Value: August*

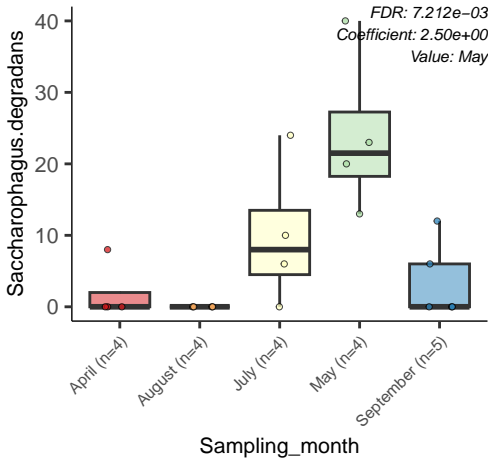
April (n=4)      August (n=4)      July (n=4)      May (n=4)      September (n=5)

Sampling\_month

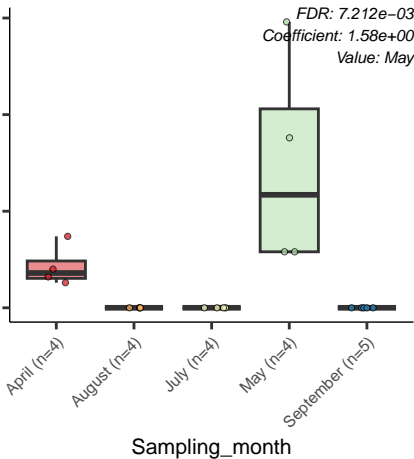


Durinskia.baltica





Nitzschia.inconspicua

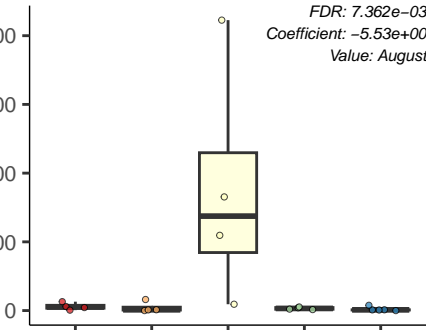


Pseudodesulfobrio.profundus

FDR:  $7.362e-03$   
Coefficient:  $-5.53e+00$   
Value: August

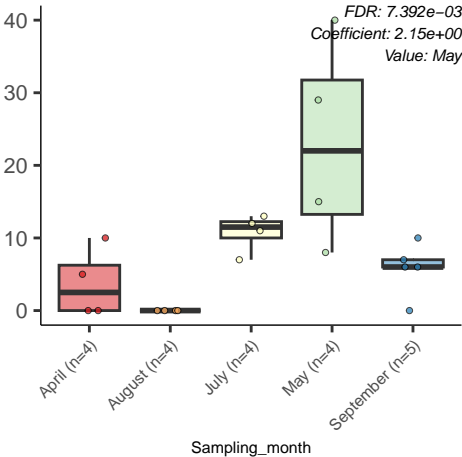
April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

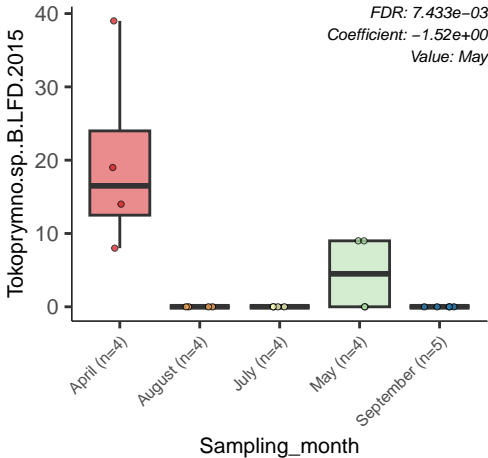
Sampling\_month

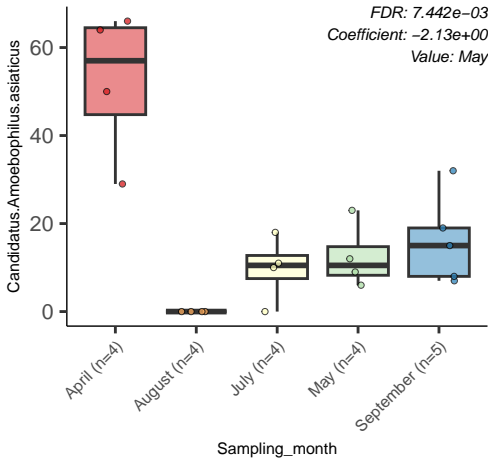




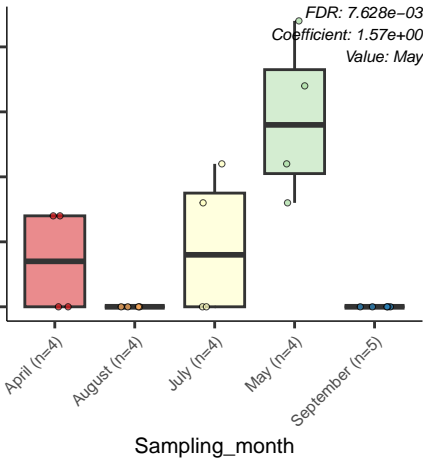
Agarilytica.rhodophyticola







uncultured.Lewinella.sp.



Chelatococcus.daeguensis

FDR:  $7.660e-03$   
Coefficient:  $-8.38e-01$   
Value: May

April (n=4)

August (n=4)

July (n=4)

May (n=4)

September (n=5)

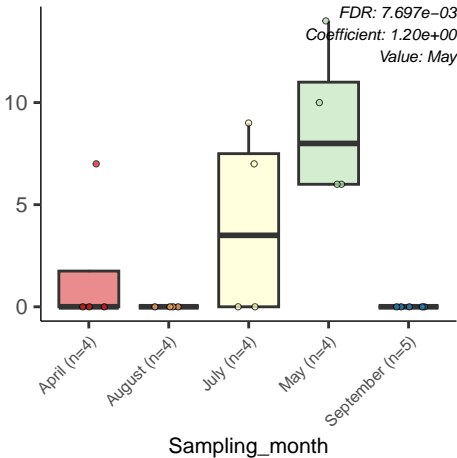
Sampling\_month

150

100

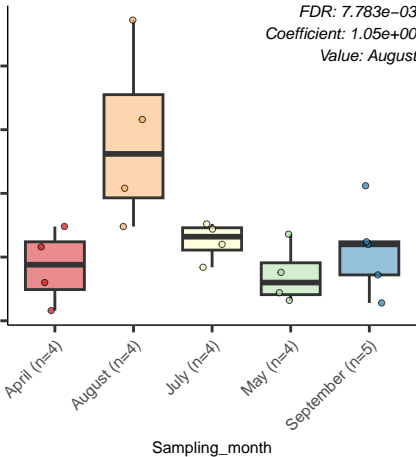
50

Algoriphagus.sp..M8.2



*Pseudomonas.aeruginosa*.group

FDR: 7.783e-03  
Coefficient: 1.05e+00  
Value: August

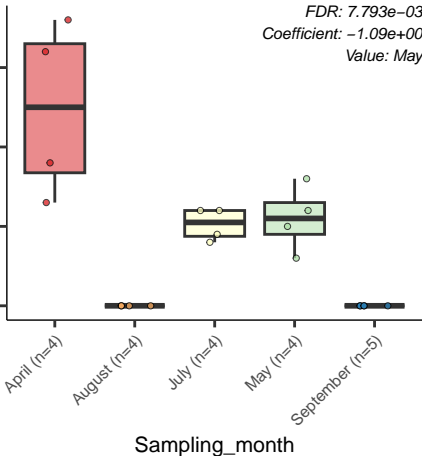


Polaribacter.sp..BM10

FDR: 7.793e-03

Coefficient: -1.09e+00

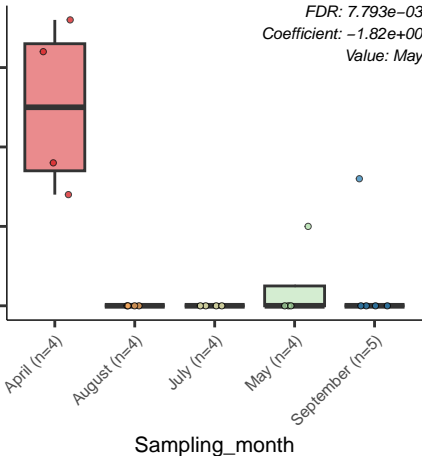
Value: May

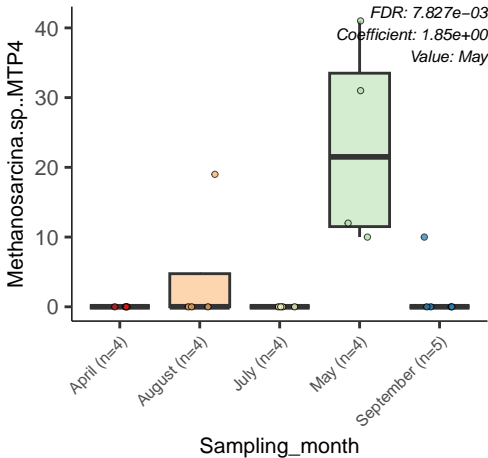




Cricotopus.sp..1.SRM.2010

FDR:  $7.793e-03$   
Coefficient:  $-1.82e+00$   
Value: May



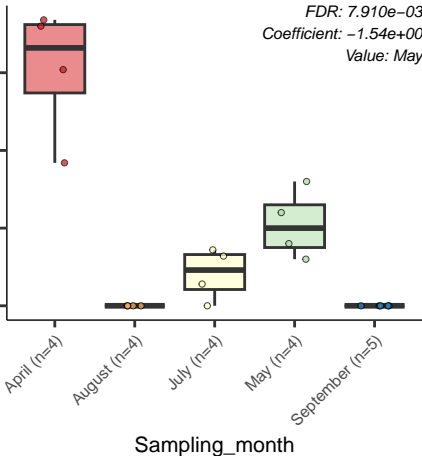


Lacinutrix.sp..Bg11.31

FDR:  $7.910e-03$

Coefficient:  $-1.54e+00$

Value: May



Haemonchus.placei

*FDR: 8.079e-03*

*Coefficient: 1.14e+00*

*Value: May*

April (n=4)

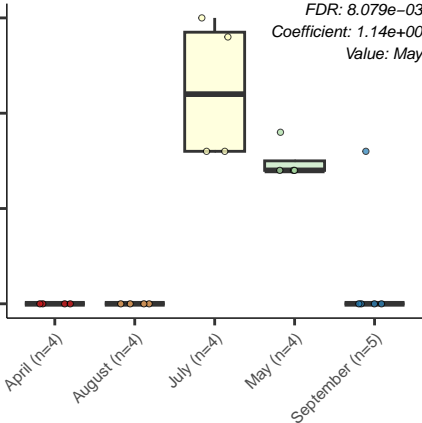
August (n=4)

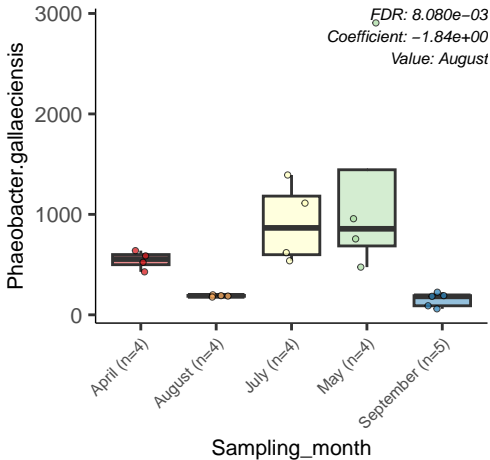
July (n=4)

May (n=4)

September (n=5)

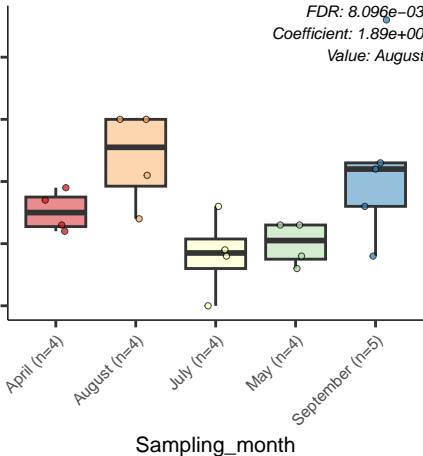
Sampling\_month



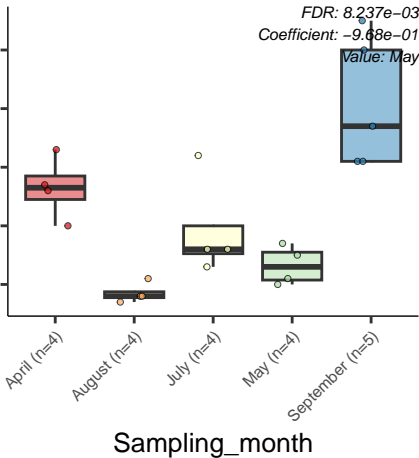


Neorhizobium.galegae

FDR:  $8.096e-03$   
Coefficient:  $1.89e+00$   
Value: August

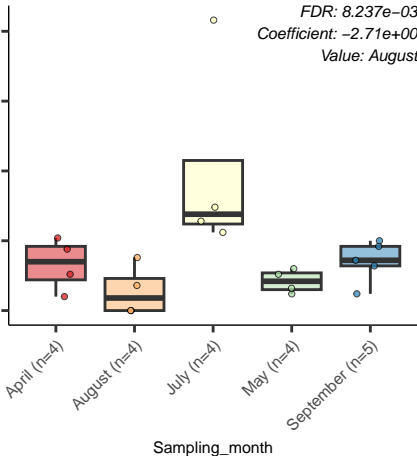


Thioclava.sp.



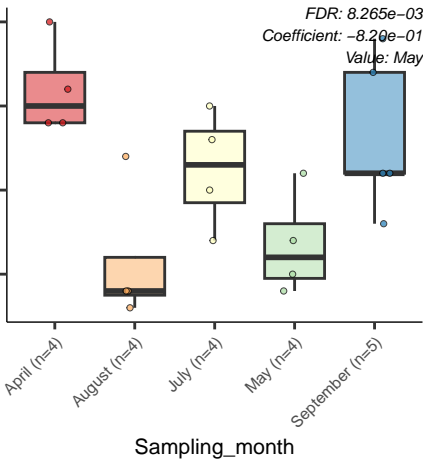
Sediminispirochaeta.smaragdinae

FDR:  $8.237e-03$   
Coefficient:  $-2.71e+00$   
Value: August



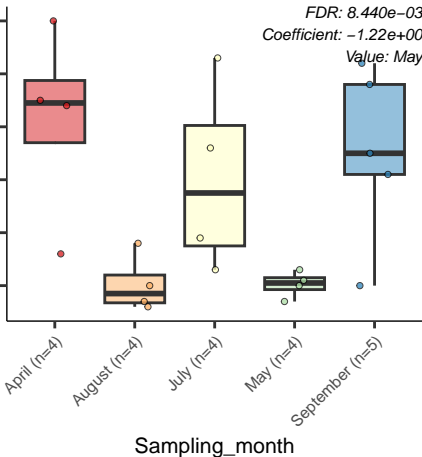


Methylobacterium.oryzae

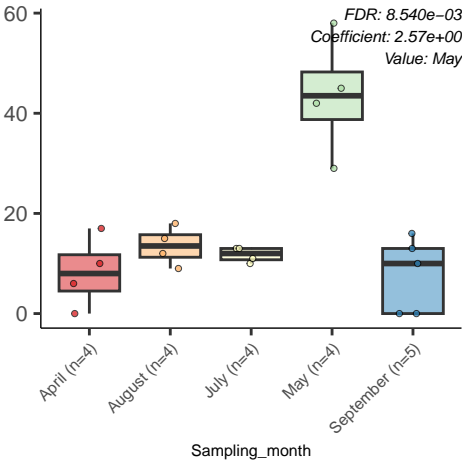


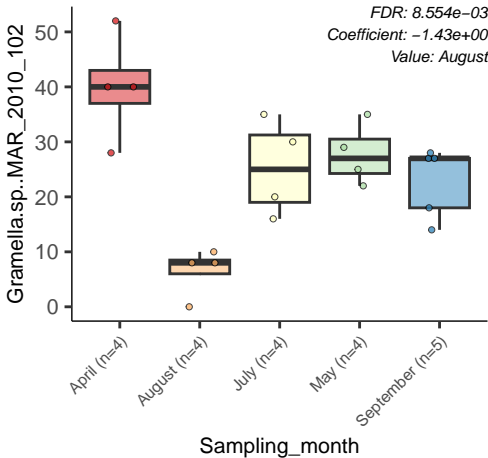
Bosea.sp..PAMC.26642

FDR:  $8.440e-03$   
Coefficient:  $-1.22e+00$   
Value: May



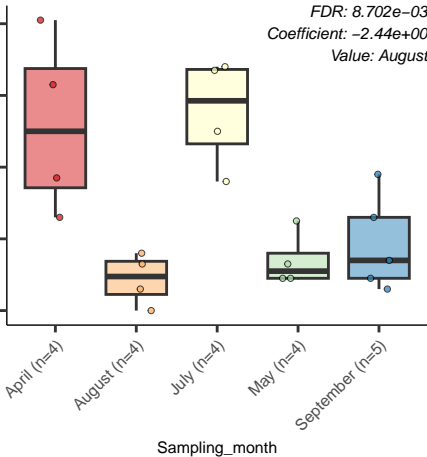
Methylomicrobium.alcaliphilum



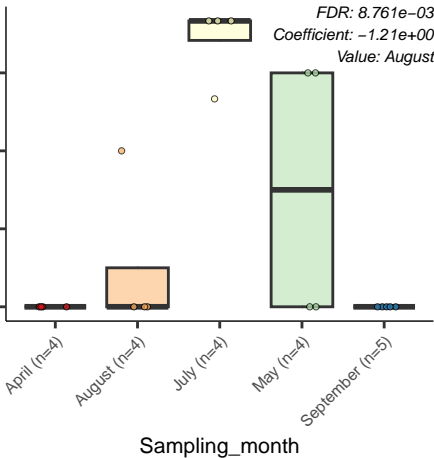


Marinobacter.psyrophilus

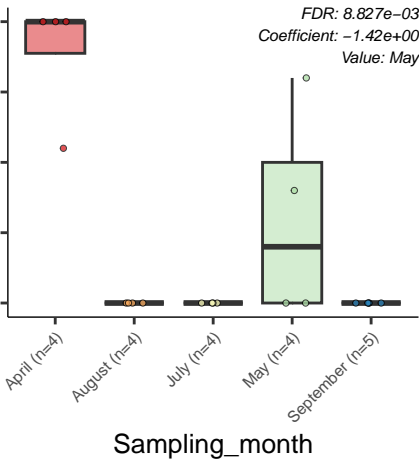
FDR:  $8.702e-03$   
Coefficient:  $-2.44e+00$   
Value: August



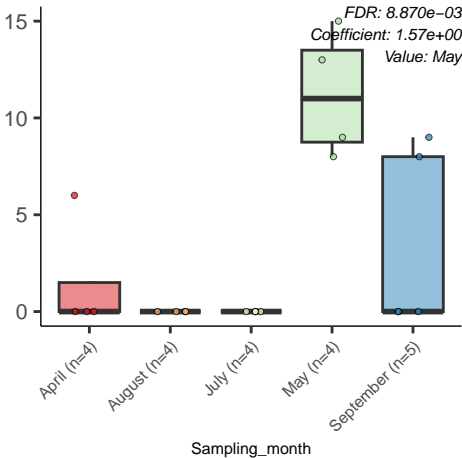
Rhodovulum.sp..WDS2C4



Isochrysis.nuda



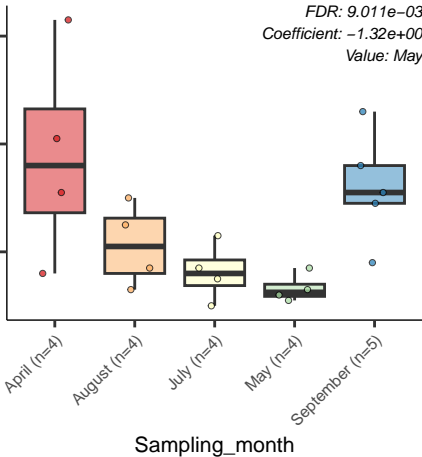
uncultured.alpha.proteobacterium.HF0130\_06E21





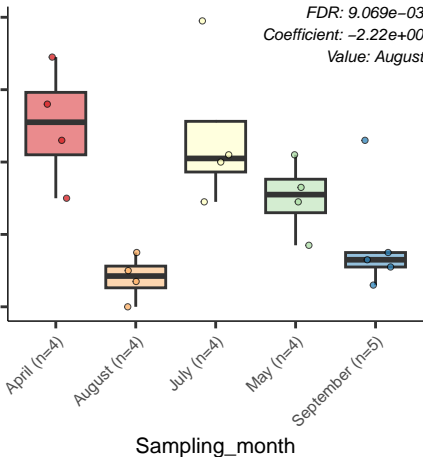
Aureimonas.sp..AU22

FDR:  $9.011e-03$   
Coefficient:  $-1.32e+00$   
Value: May



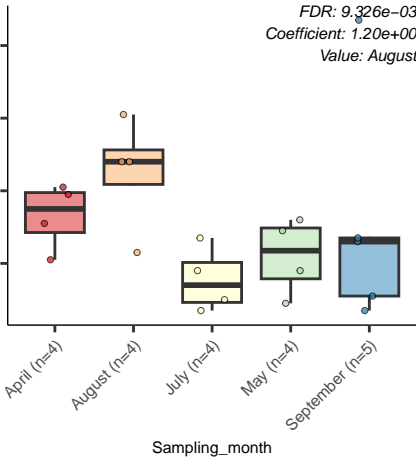
Aequorivita.sublithicola

FDR:  $9.069e-03$   
Coefficient:  $-2.22e+00$   
Value: August



Pannonibacter.phragmitetus

FDR:  $9.326e-03$   
Coefficient:  $1.20e+00$   
Value: August



Sulfurimonas.denitrificans

*FDR: 9.326e-03*  
*Coefficient: -1.86e+00*  
*Value: August*

April (n=4)

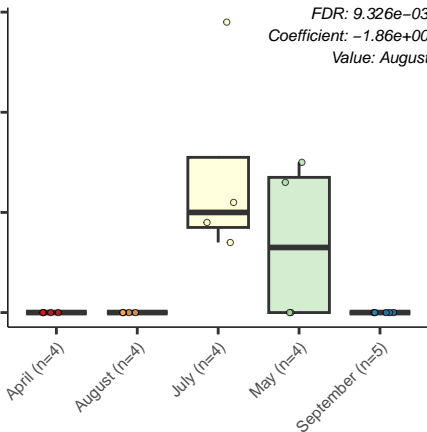
August (n=4)

July (n=4)

May (n=4)

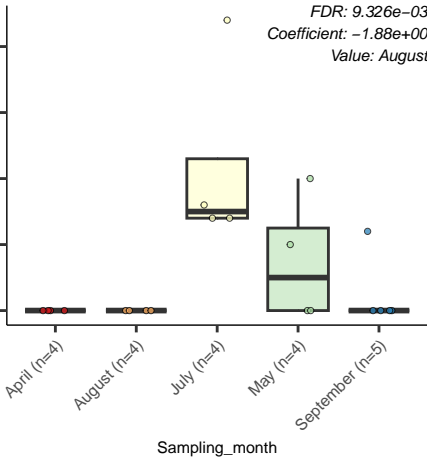
September (n=5)

Sampling\_month



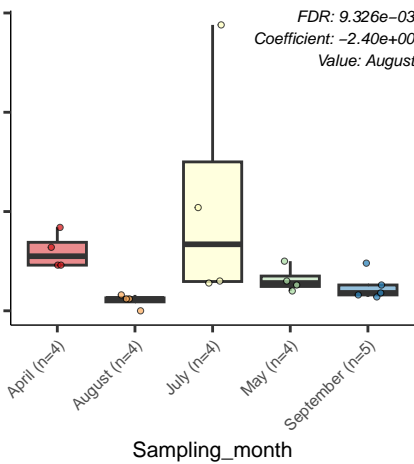
uncultured.forest.soil.bacterium

*FDR: 9.326e-03*  
*Coefficient: -1.88e+00*  
*Value: August*



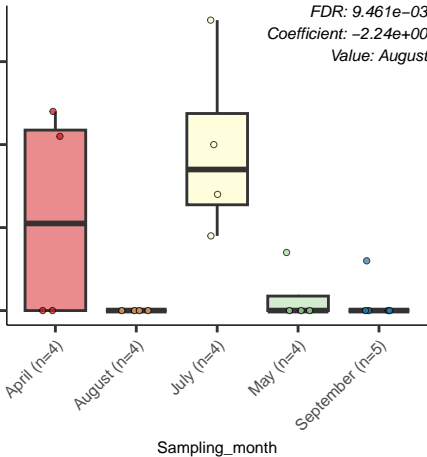
Croceibacter.atlanticus

FDR: 9.326e-03  
Coefficient: -2.40e+00  
Value: August



Desulfovibrio.desulfuricans

FDR:  $9.461e-03$   
Coefficient:  $-2.24e+00$   
Value: August

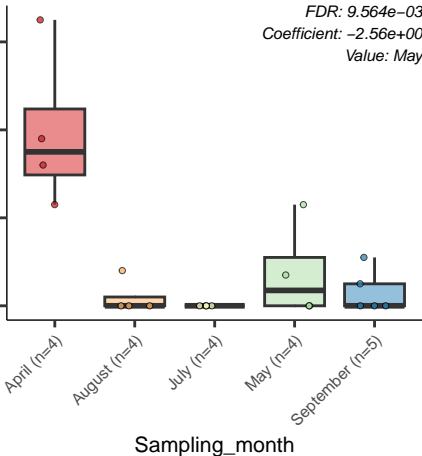


Isochrysis.galbana

FDR:  $9.564e-03$

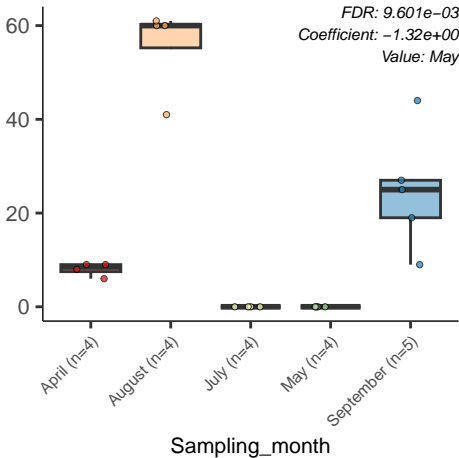
Coefficient:  $-2.56e+00$

Value: May

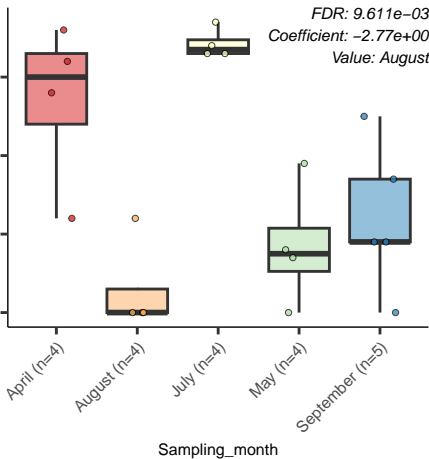


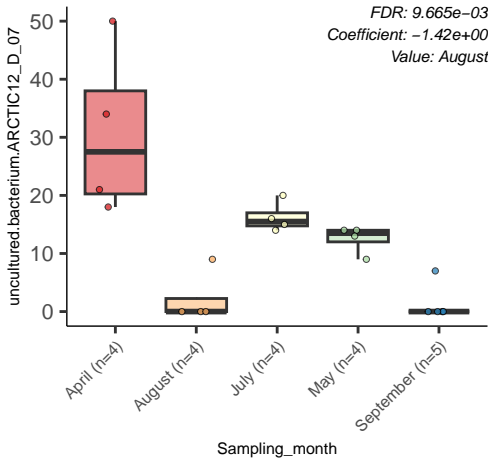


Kocuria.rhizophila



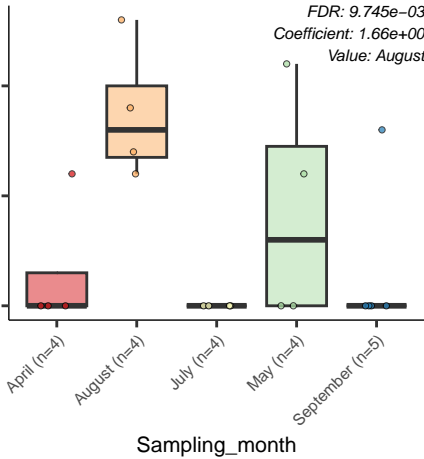
uncultured.Alteromonas.sp.\_AD1000.G16.11





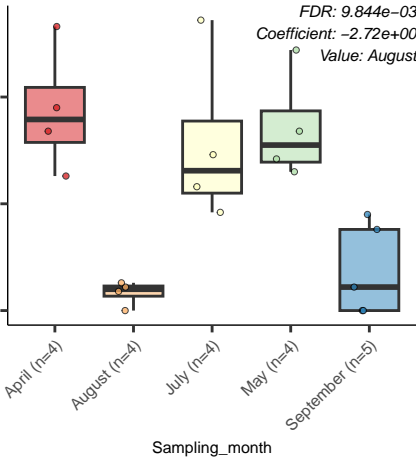
Thauera.chlorobenzoica

FDR: 9.745e-03  
Coefficient: 1.66e+00  
Value: August



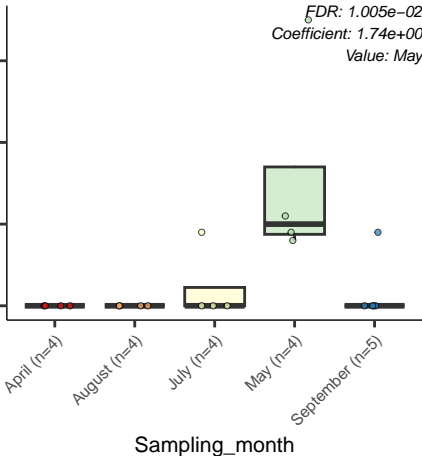
Candidatus.Tenderia.electrophaga

FDR:  $9.844e-03$   
Coefficient:  $-2.72e+00$   
Value: August



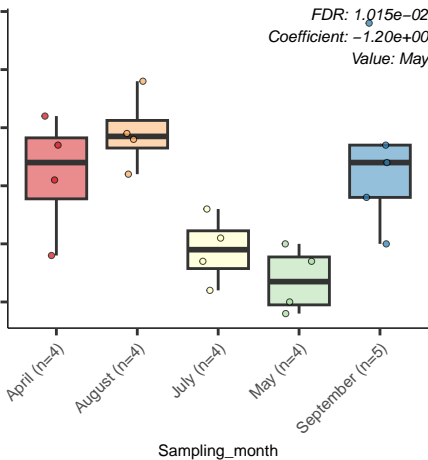
*Vibrio.hyuugaensis*

FDR:  $1.005e-02$   
Coefficient:  $1.74e+00$   
Value: May



Bradyrhizobium.sp..ORS.278

FDR:  $1.015e-02$   
Coefficient:  $-1.20e+00$   
Value: May



Zunongwangia.profunda

FDR:  $1.016e-02$

Coefficient:  $-2.25e+00$

Value: August

60  
40  
20  
0

April (n=4)

August (n=4)

July (n=4)

May (n=4)

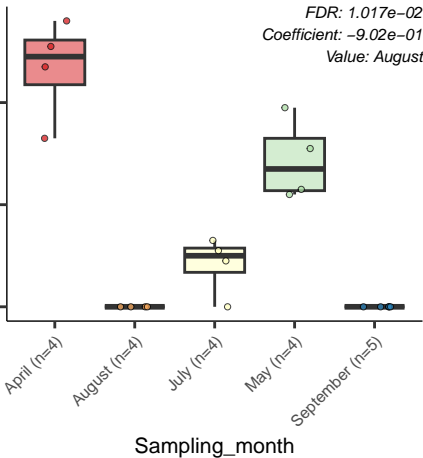
September (n=5)

Sampling\_month





Tamlana.sp..UJ94



Haliangium.ochraceum

FDR: 1.042e-02

Coefficient: -1.87e+00

Value: August

April (n=4)

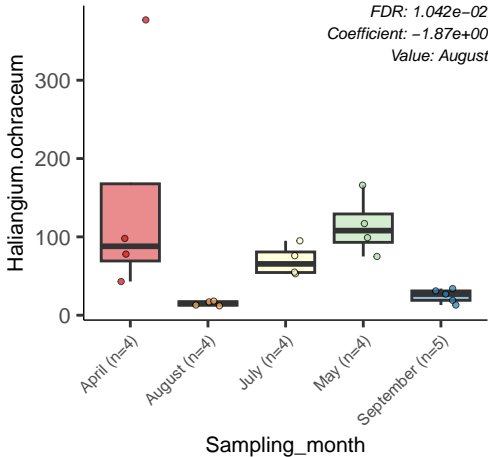
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Fistulifera.solaris

FDR: 1.048e-02  
Coefficient: -2.60e+00  
Value: August

April (n=4)

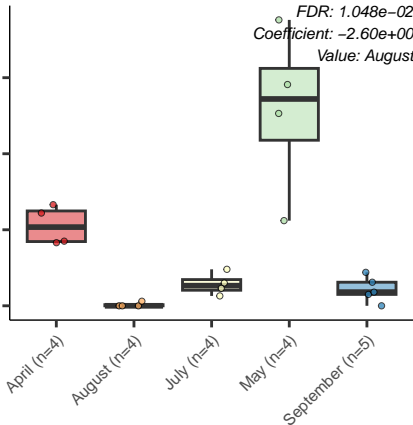
August (n=4)

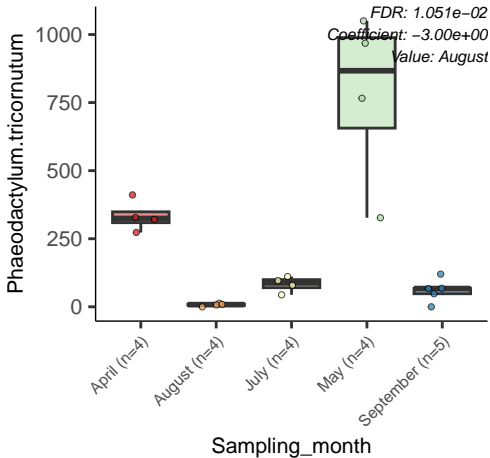
July (n=4)

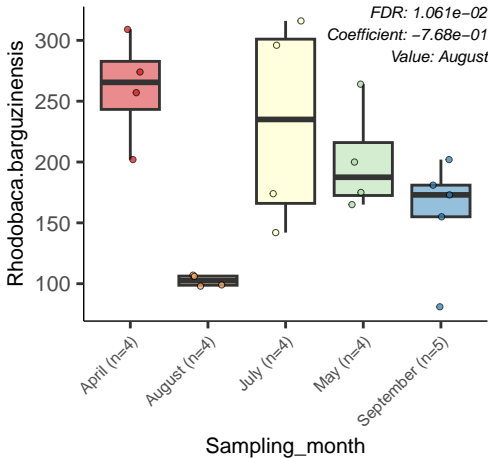
May (n=4)

September (n=5)

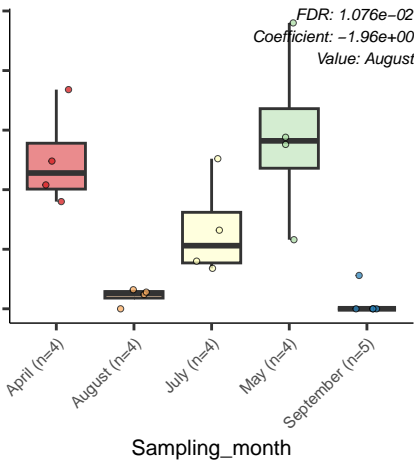
Sampling\_month





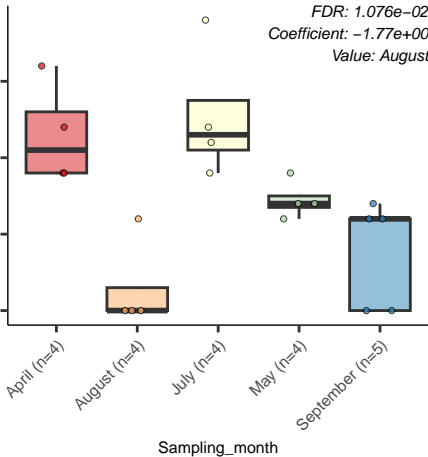


Zobellia.galactanivorans



Olsenella.sp..Marseille.P2300

FDR:  $1.076e-02$   
Coefficient:  $-1.77e+00$   
Value: August



Clunio.marinus

FDR:  $1.077\text{e-}02$   
Coefficient:  $-2.11\text{e+}00$   
Value: May

April (n=4)

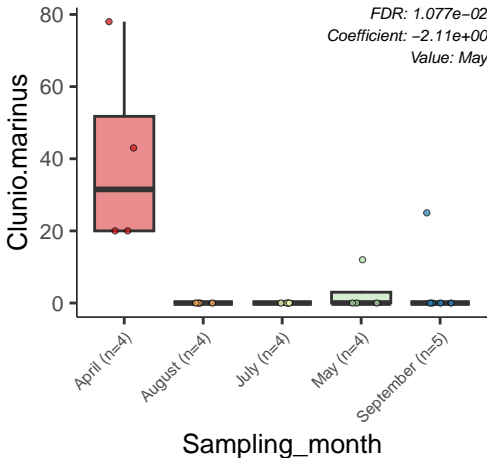
August (n=4)

July (n=4)

May (n=4)

September (n=5)

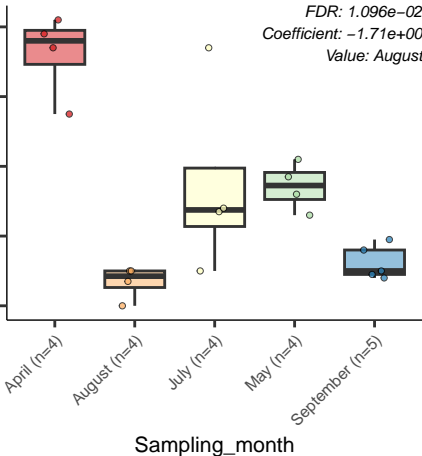
Sampling\_month





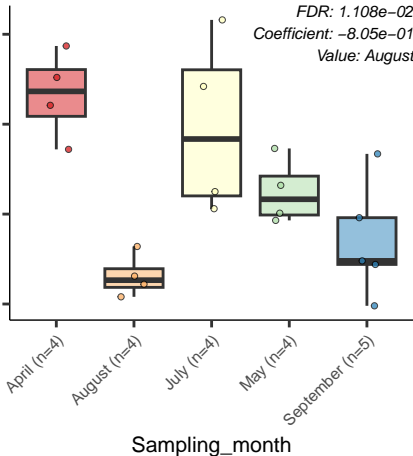
Nonlabens.dokdonensis

*FDR: 1.096e-02*  
*Coefficient: -1.71e+00*  
*Value: August*



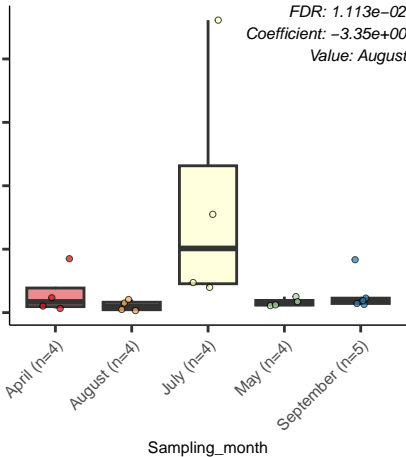
Yangia.sp..CCB.MM3

*FDR: 1.108e-02*  
*Coefficient: -8.05e-01*  
*Value: August*



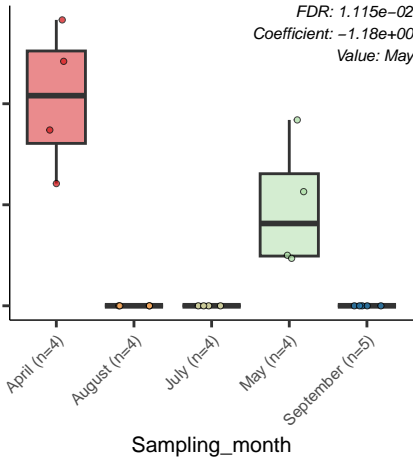
Salinivirga.cyanobacteriivorans

*FDR: 1.113e-02*  
*Coefficient: -3.35e+00*  
*Value: August*



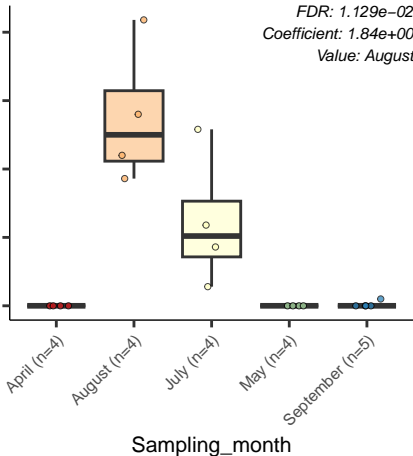
Lucayostratiotes.cornuta

FDR:  $1.115e-02$   
Coefficient:  $-1.18e+00$   
Value: May



Halorubrum.sp..TP132

FDR: 1.129e-02  
Coefficient: 1.84e+00  
Value: August





Desulfuromonas.sp..DDH964

FDR:  $1.182e-02$   
Coefficient:  $-2.54e+00$   
Value: August

100

50

0

April (n=4)

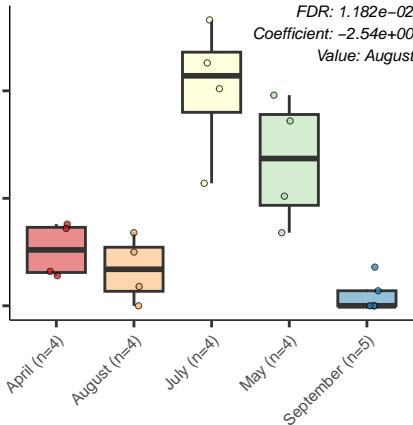
August (n=4)

July (n=4)

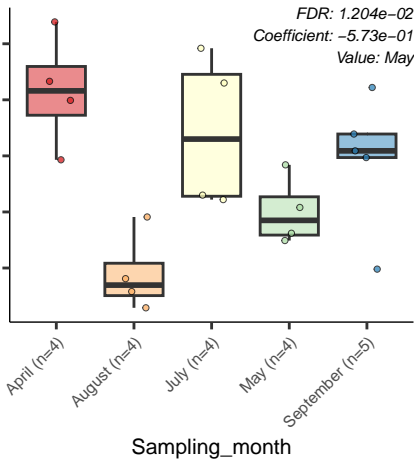
May (n=4)

September (n=5)

Sampling\_month



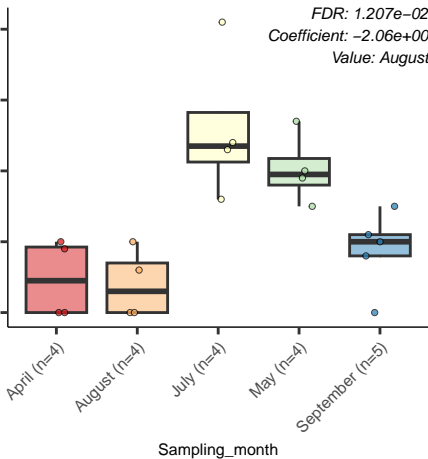
Paracoccus.aminovorans



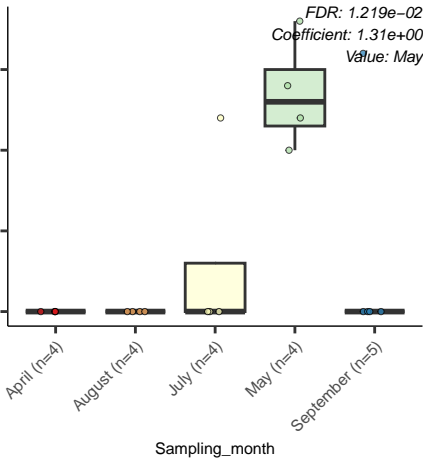


uncultured.gammaproteobacterium.HF0010\_05D

FDR:  $1.207 \times 10^{-2}$   
Coefficient:  $-2.06 \times 10^0$   
Value: August

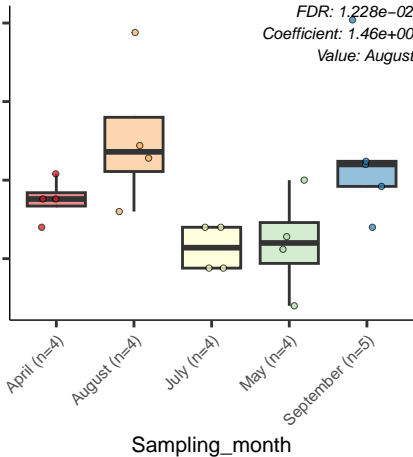


marine.bacterium.enrichment.culture.K13.F7.9

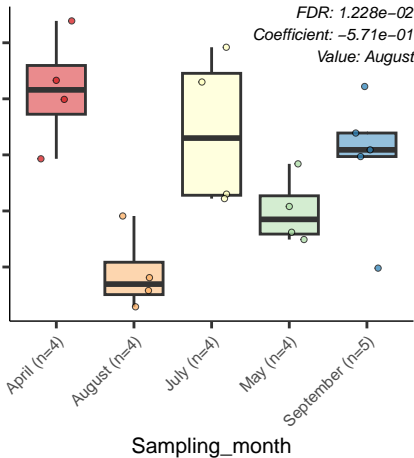


Rhodoplanes.sp..Z2.YC6860

FDR: 1.228e-02  
Coefficient: 1.46e+00  
Value: August

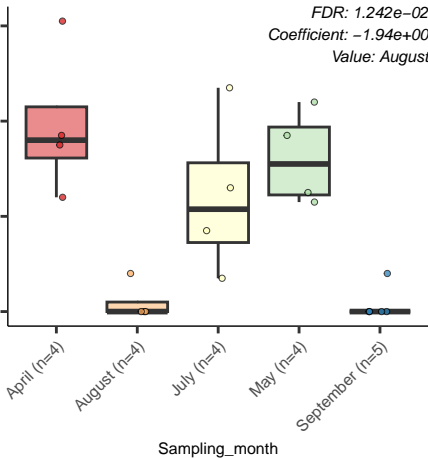


Paracoccus.aminovorans

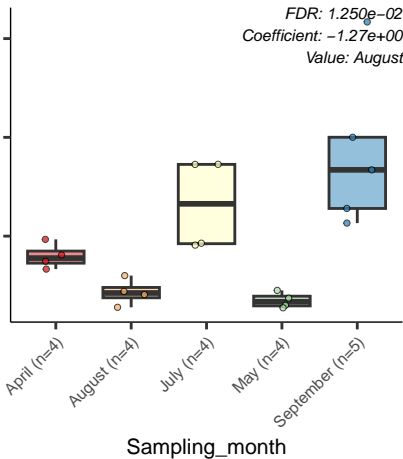


Maribacter.sp..MAR\_2009\_60

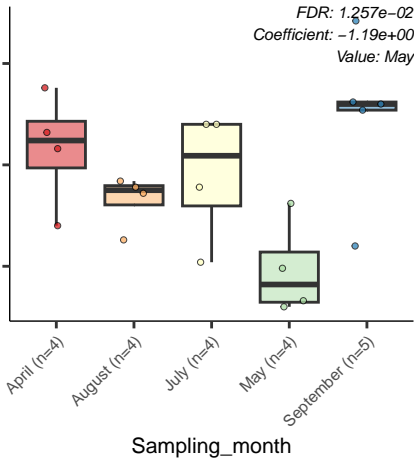
FDR:  $1.242 \times 10^{-2}$   
Coefficient:  $-1.94 \times 10^0$   
Value: August



Erythrobacter.sp..HL.111

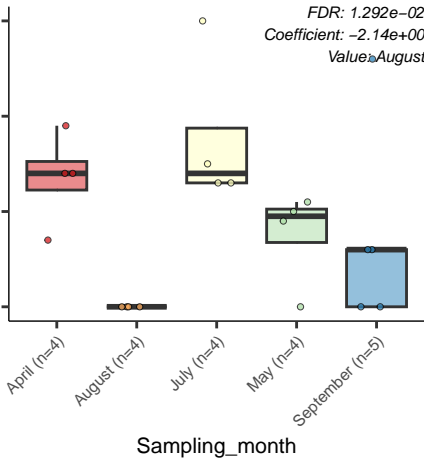


Paracoccus.aestuarii



Thiocystis.violascens

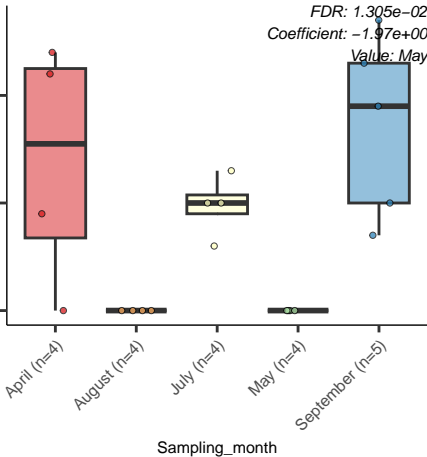
FDR: 1.292e-02  
Coefficient: -2.14e+00  
Value: August





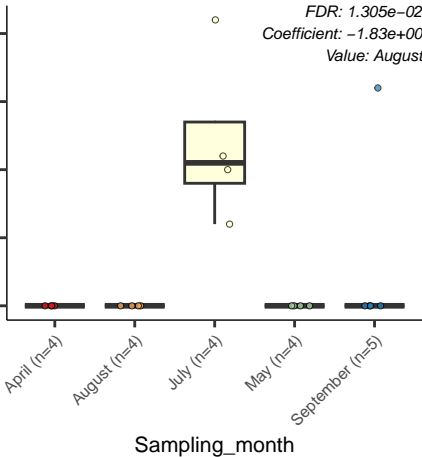
uncultured.Spirochaetes.bacterium

FDR:  $1.305e-02$   
Coefficient:  $-1.97e+00$   
Value: May



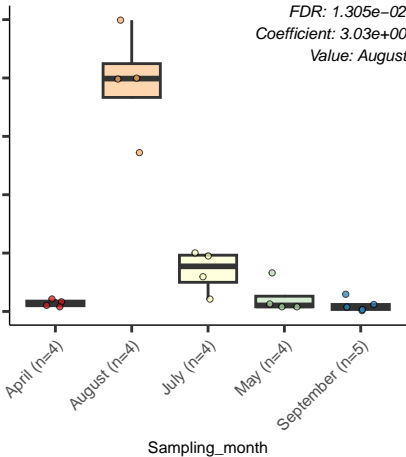
cyanobacterium.WH7B

*FDR: 1.305e-02*  
*Coefficient: -1.83e+00*  
*Value: August*



Halanaeroarchaeum.sulfureducens

FDR:  $1.305e-02$   
Coefficient:  $3.03e+00$   
Value: August



Muricauda.lutaonensis

FDR: 1.310e-02  
Coefficient: -2.21e+00  
Value: August

April (n=4)

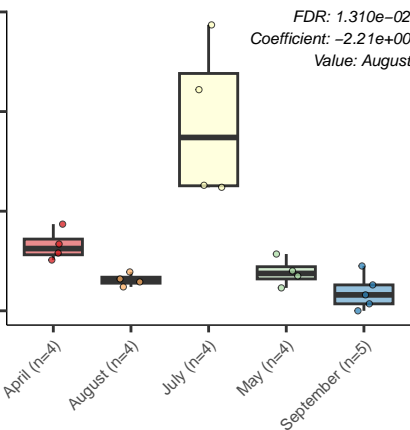
August (n=4)

July (n=4)

May (n=4)

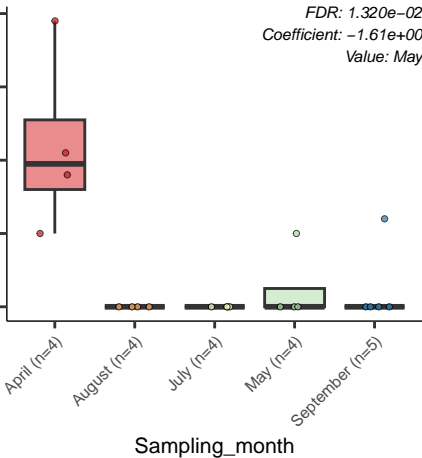
September (n=5)

Sampling\_month



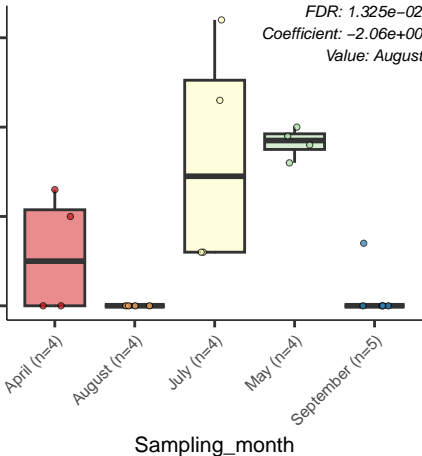
Orthocladius.sp..MAB.2008

FDR:  $1.320\text{e-}02$   
Coefficient:  $-1.61\text{e}+00$   
Value: May

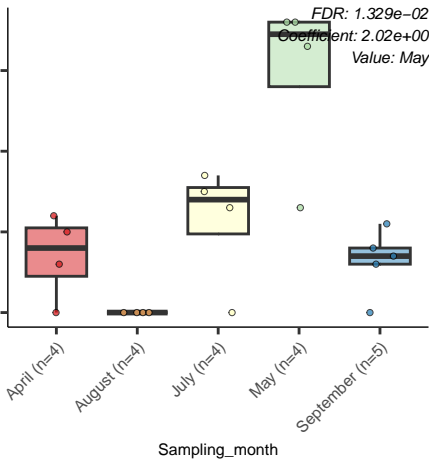


Odoribacter.splanchnicus

FDR: 1.325e-02  
Coefficient: -2.06e+00  
Value: August

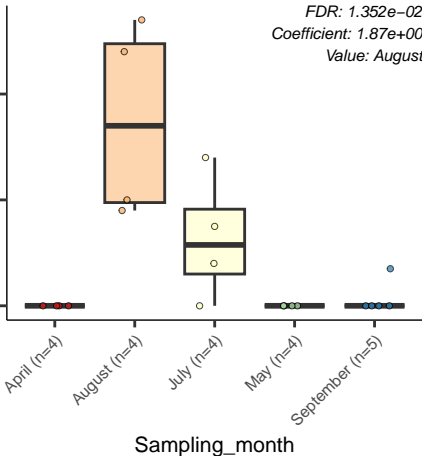


uncultured.bacterium.Ak20.3



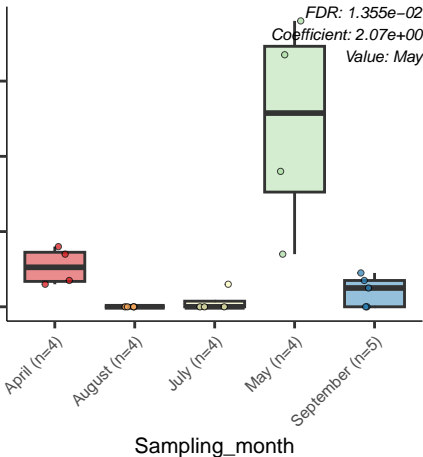
Halorubrum.tebenquichense

FDR: 1.352e-02  
Coefficient: 1.87e+00  
Value: August

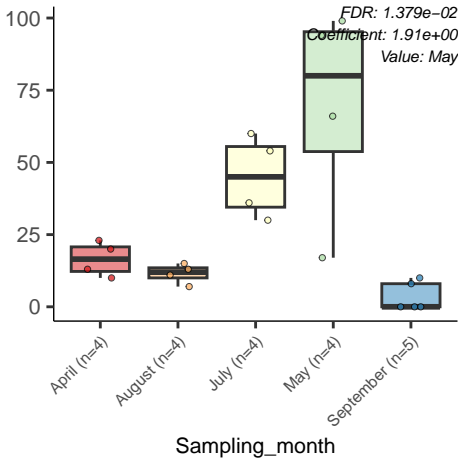




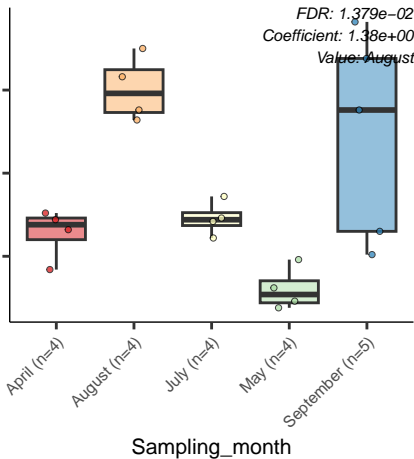
Roundia.cardiophora



Gilvibacter.sp..SZ.19

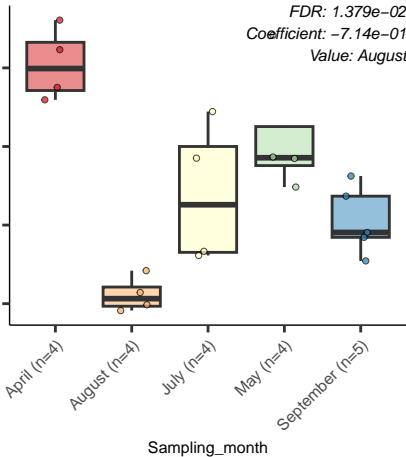


Azospirillum.thiophilum

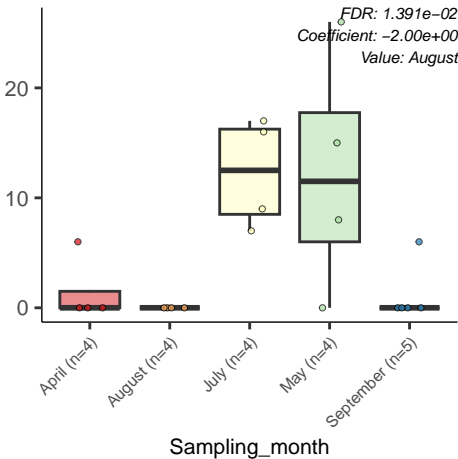


Celeribacter.manganoxidans

FDR: 1.379e-02  
Coefficient: -7.14e-01  
Value: August



Pontibacter.korlensis

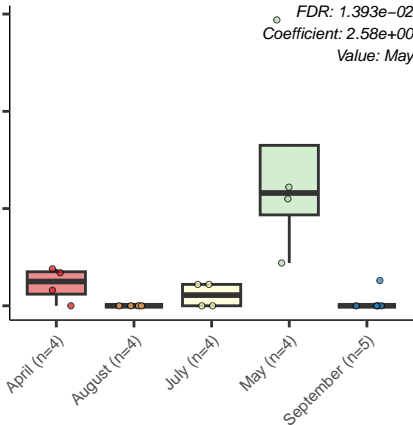


Vibrio.anguillarum

FDR: 1.393e-02  
Coefficient: 2.58e+00  
Value: May

April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

Sampling\_month

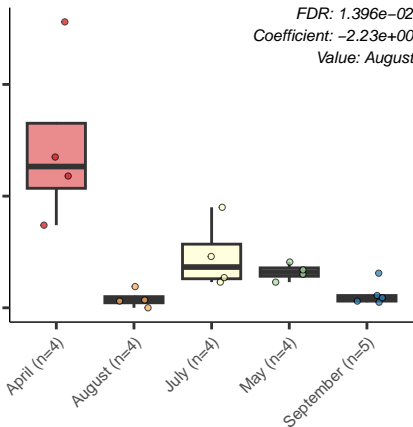


Nonlabens.spongiae

FDR: 1.396e-02

Coefficient: -2.23e+00

Value: August



Sampling\_month

Candidatus.Symbiobacter.mobilis

FDR:  $1.421e-02$   
Coefficient:  $-2.86e+00$   
Value: August

April (n=4)

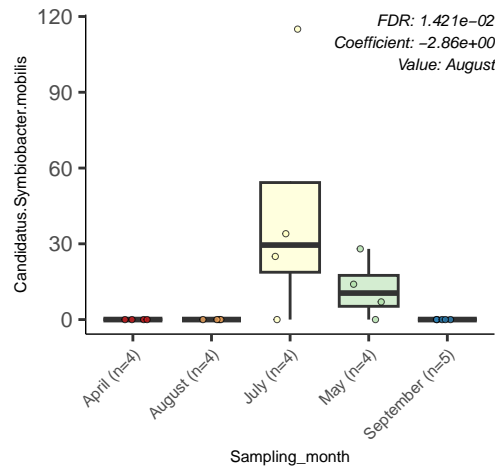
August (n=4)

July (n=4)

May (n=4)

September (n=5)

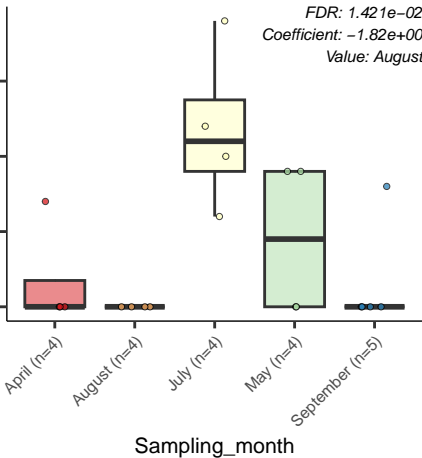
Sampling\_month





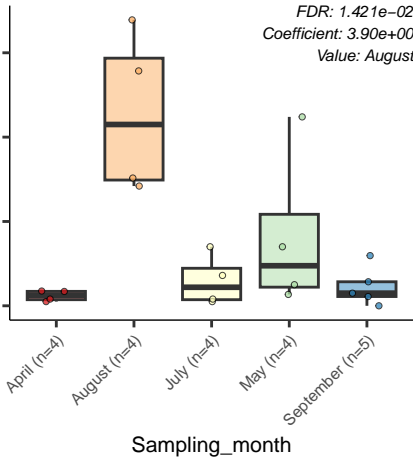
Azoarcus.sp..KH32C

FDR:  $1.421e-02$   
Coefficient:  $-1.82e+00$   
Value: August

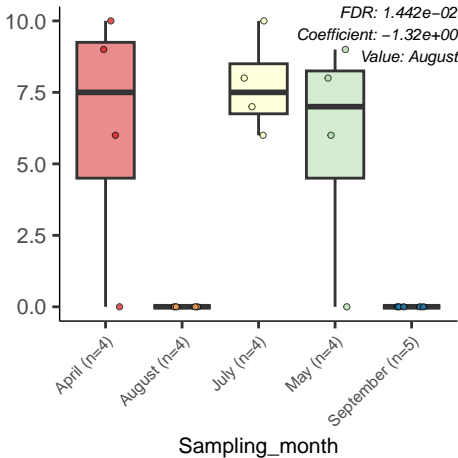


Halovirus.HRTV.4

FDR:  $1.421\text{e-}02$   
Coefficient:  $3.90\text{e+}00$   
Value: August



Azotobacter.vinelandii

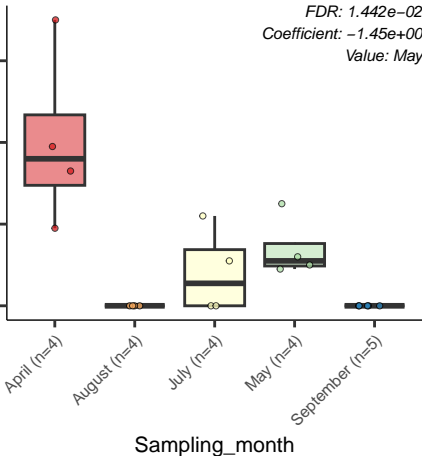


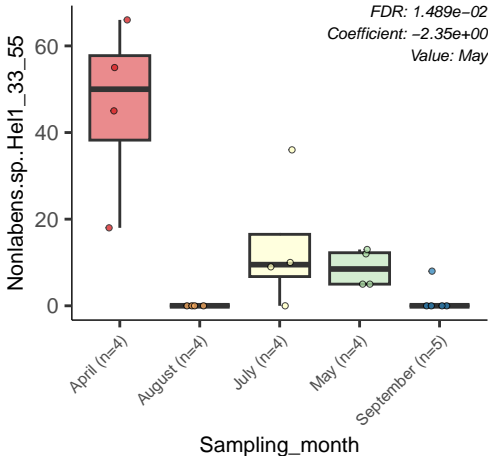
Dokdonia.sp..MED134

FDR: 1.442e-02

Coefficient: -1.45e+00

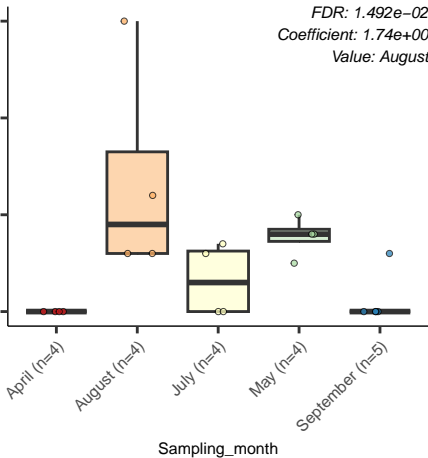
Value: May





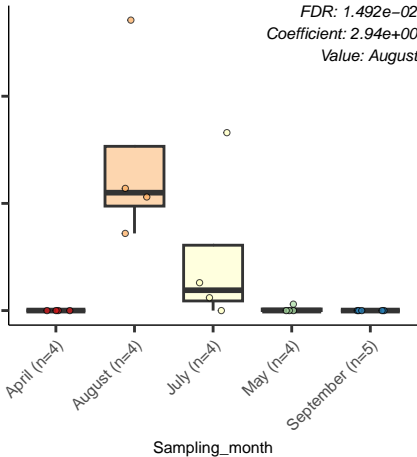
aff..Nodosilinea.sp..LEGE.06148

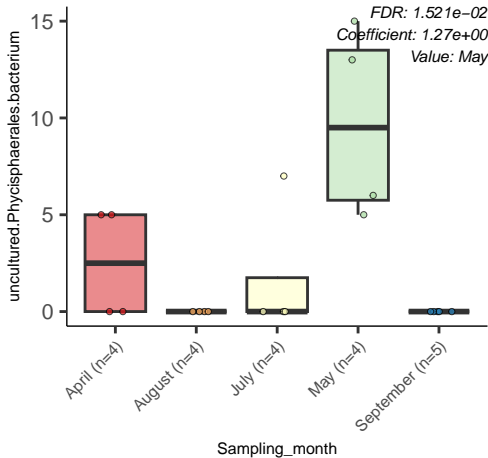
FDR: 1.492e-02  
Coefficient: 1.74e+00  
Value: August



Nanohaloarchaea.archaeon.SG9

FDR: 1.492e-02  
Coefficient: 2.94e+00  
Value: August

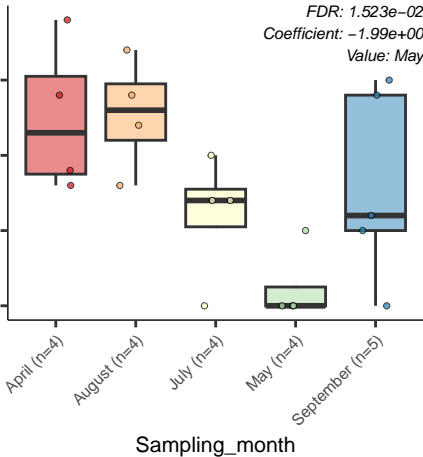






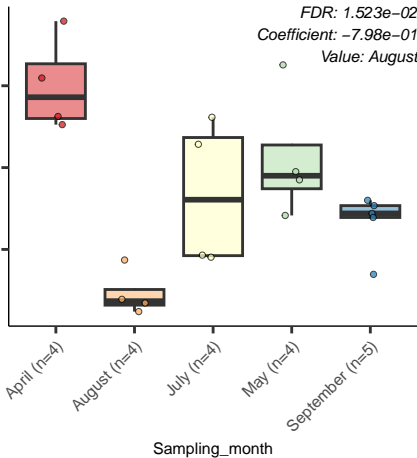
Xanthomonas.albilineans

FDR:  $1.523e-02$   
Coefficient:  $-1.99e+00$   
Value: May



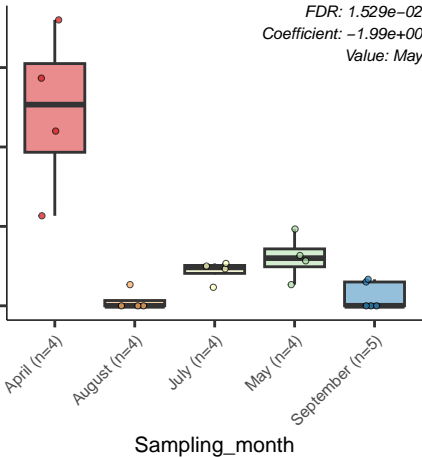
Leisingera.methylohalidivorans

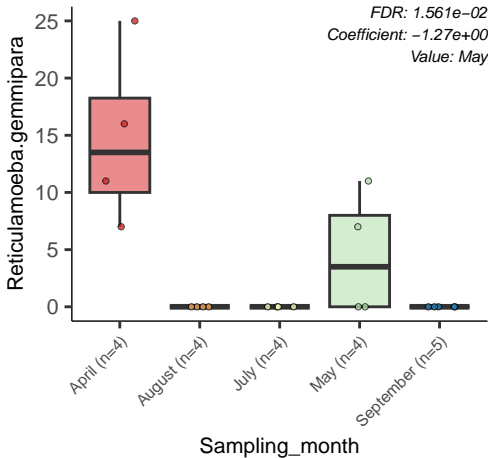
FDR: 1.523e-02  
Coefficient: -7.98e-01  
Value: August



Olleya.sp..Bg11.27

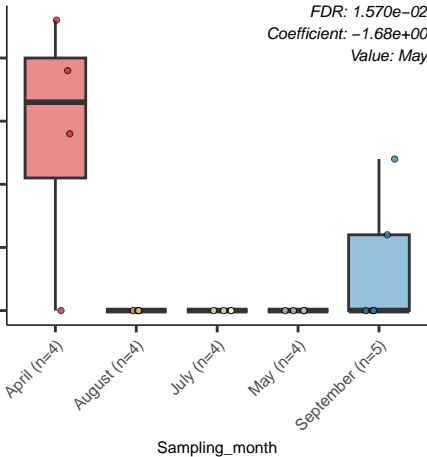
FDR:  $1.529\text{e-}02$   
Coefficient:  $-1.99\text{e}+00$   
Value: May





Pseudomonas.chlororaphis.group

FDR:  $1.570e-02$   
Coefficient:  $-1.68e+00$   
Value: May



Starkeya.novella

FDR:  $1.571e-02$   
Coefficient:  $-8.91e-01$   
Value: May

April (n=4)

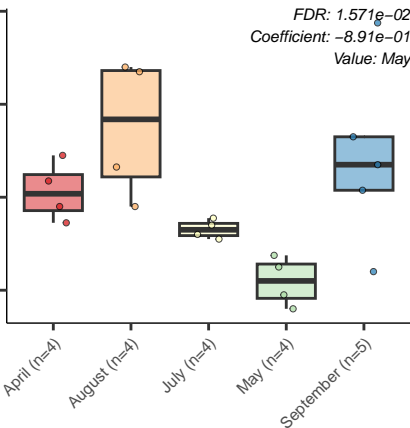
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Agarilytica.rhodophyticola

FDR:  $1.581e-02$   
Coefficient:  $-1.90e+00$   
Value: August

April (n=4)

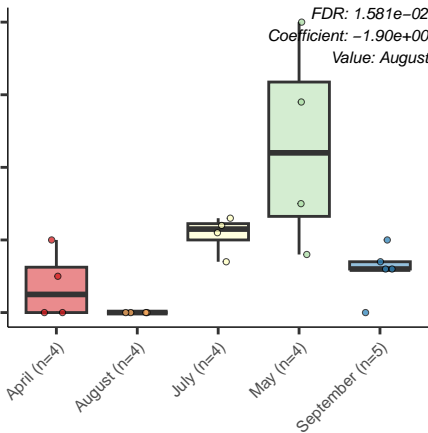
August (n=4)

July (n=4)

May (n=4)

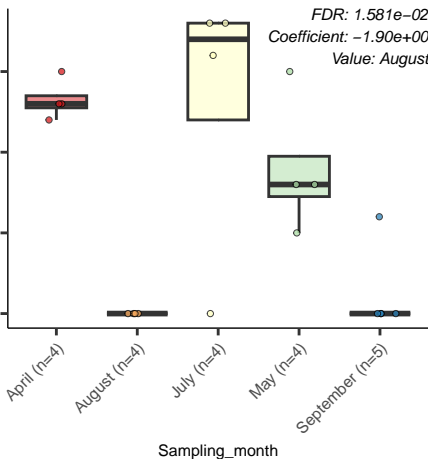
September (n=5)

Sampling\_month

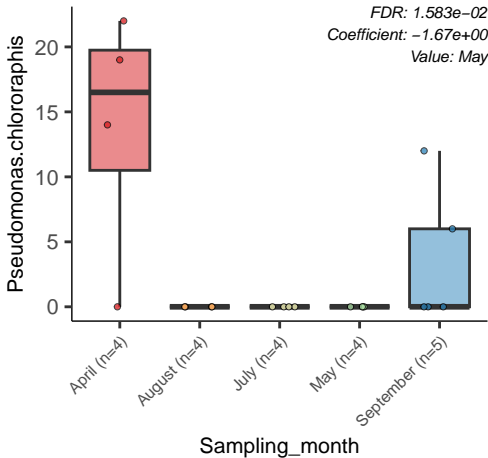


Flavobacteriaceae.bacterium.MAR\_2010\_188

FDR: 1.581e-02  
Coefficient: -1.90e+00  
Value: August







Haliscomenobacter.hydrossis

FDR:  $1.592e-02$   
Coefficient:  $-1.97e+00$   
Value: August

April (n=4)

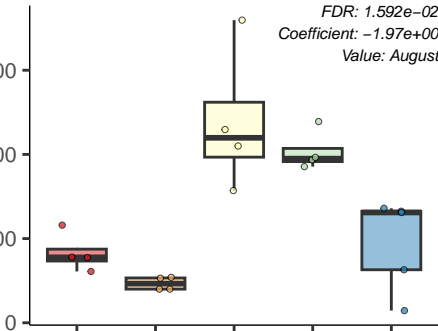
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Muricauda.ruestringensis

FDR: 1.612e-02  
Coefficient: -2.95e+00  
Value: August

20000

10000

0

April (n=4)

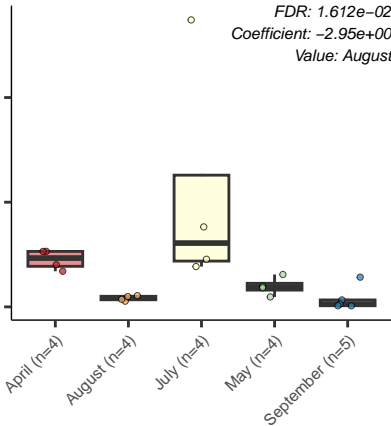
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month

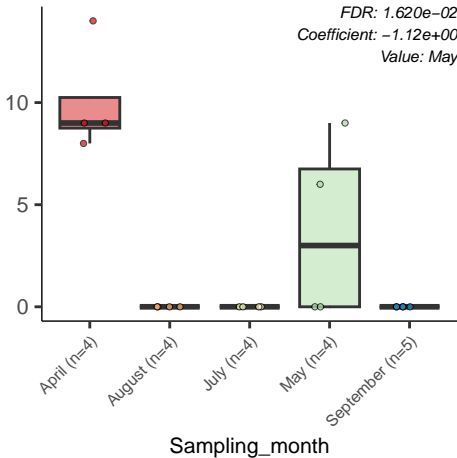


Polaribacter.sp..ALD11

FDR: 1.620e-02

Coefficient: -1.12e+00

Value: May



Halorubrum.sp..TP060

*FDR: 1.638e-02*  
*Coefficient: 1.90e+00*  
*Value: August*

100

50

0

April (n=4)

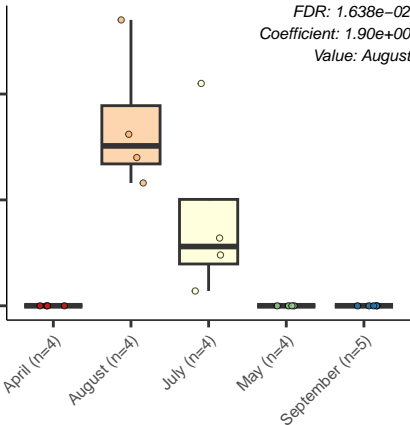
August (n=4)

July (n=4)

May (n=4)

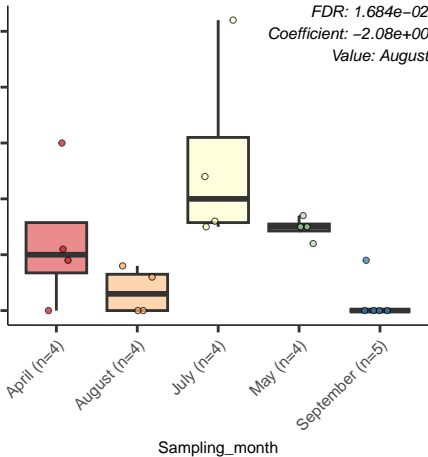
September (n=5)

Sampling\_month

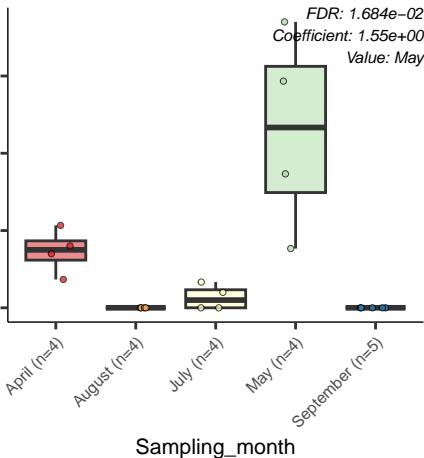


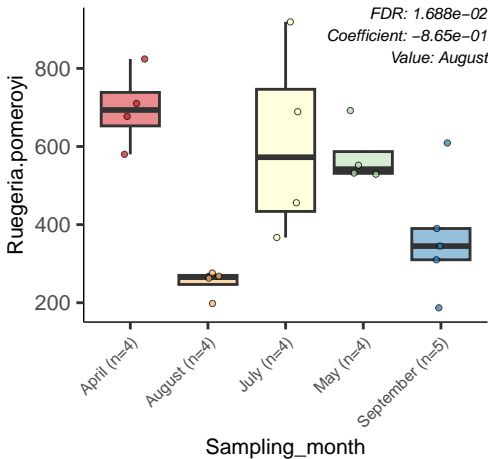
Deferribacter.desulfuricans

FDR:  $1.684e-02$   
Coefficient:  $-2.08e+00$   
Value: August



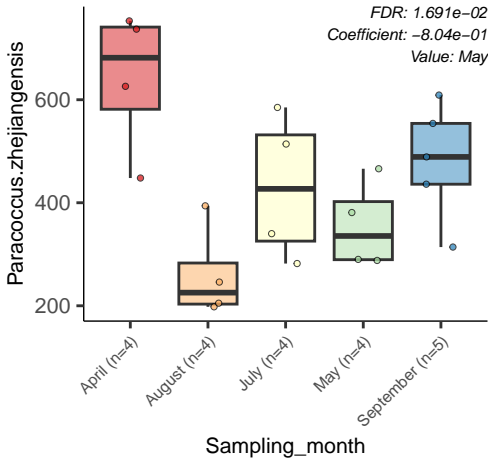
Lithodesmium.undulatum





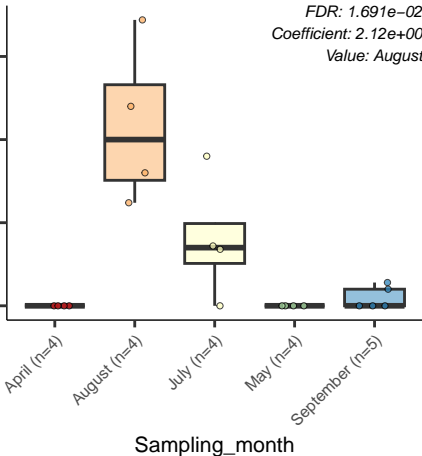


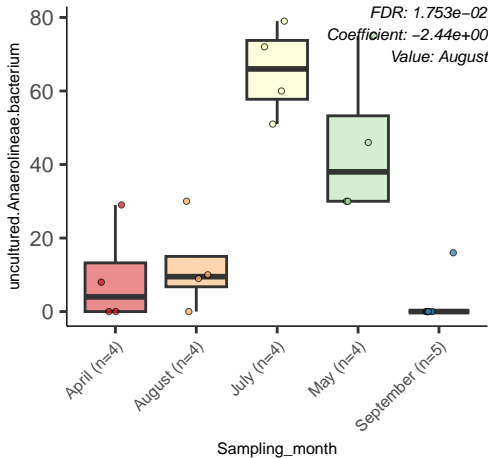




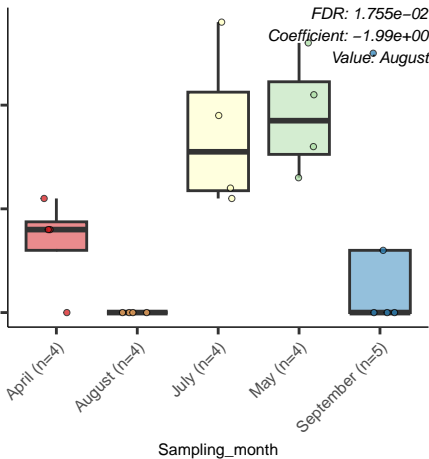
Halomicrobium.zhouii

FDR: 1.691e-02  
Coefficient: 2.12e+00  
Value: August



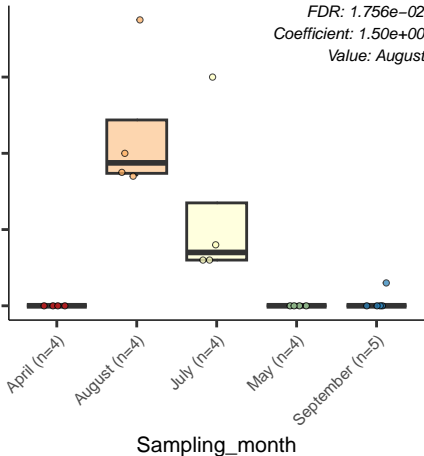


uncultured.marine.bacterium.463

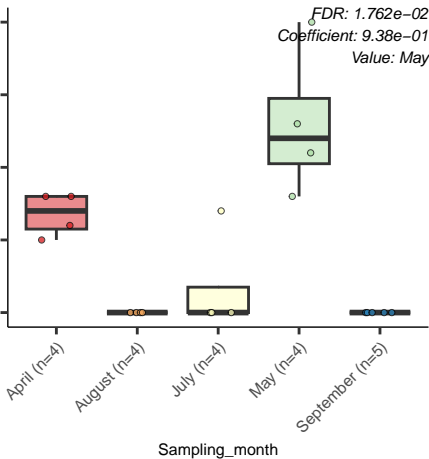


Halorubrum.sodomense

FDR: 1.756e-02  
Coefficient: 1.50e+00  
Value: August

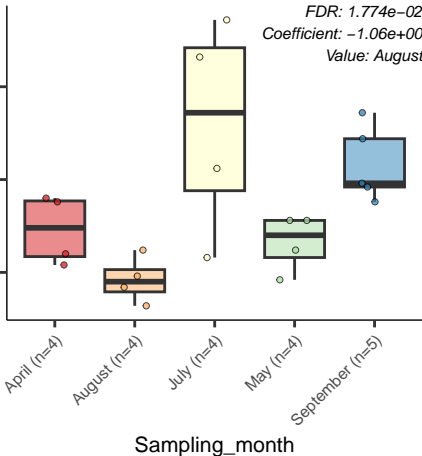


Pseudo.nitzschia.multistriata



Erythrobacter.flavus

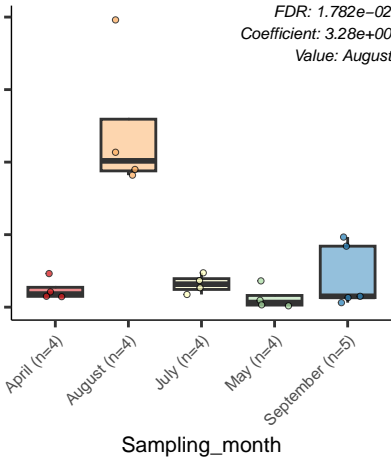
FDR:  $1.774e-02$   
Coefficient:  $-1.06e+00$   
Value: August





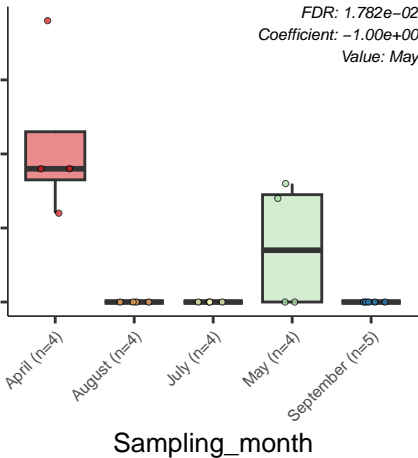
Salinibacter.ruber

FDR: 1.782e-02  
Coefficient: 3.28e+00  
Value: August



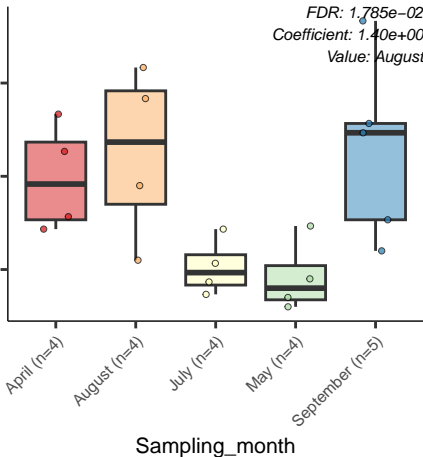
Aphidius.ervi

FDR:  $1.782e-02$   
Coefficient:  $-1.00e+00$   
Value: May



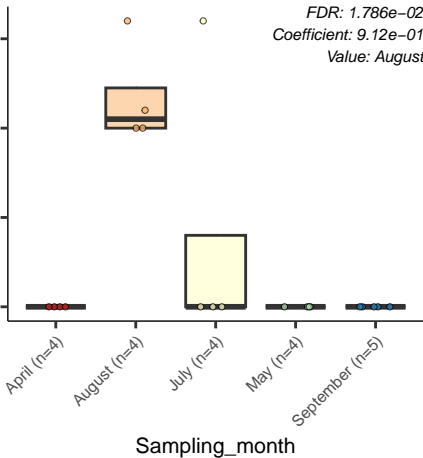
Roseomonas.gilardii

FDR: 1.785e-02  
Coefficient: 1.40e+00  
Value: August



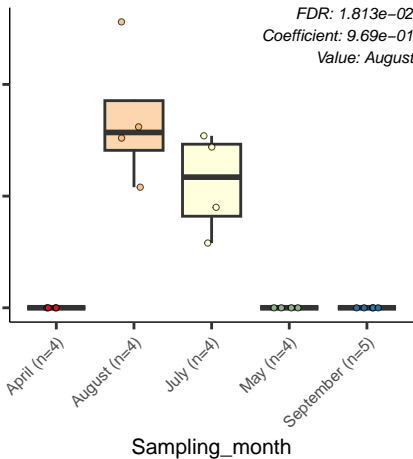
Halorubrum.sp..PV6

FDR:  $1.786e-02$   
Coefficient:  $9.12e-01$   
Value: August



Dunaliella.parva

FDR: 1.813e-02  
Coefficient: 9.69e-01  
Value: August



Hyphomonas.sp..Mor2

FDR: 1.824e-02  
Coefficient: 1.61e+00  
Value: May

April (n=4)

August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month

April (n=4)

August (n=4)

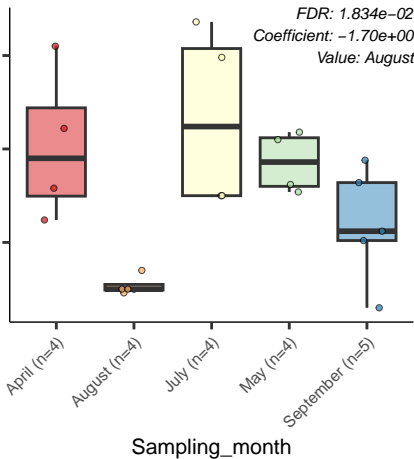
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

Persicobacter.sp..JZB09

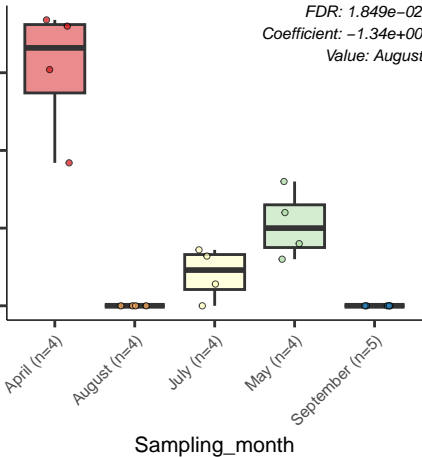


Lacinutrix.sp..Bg11.31

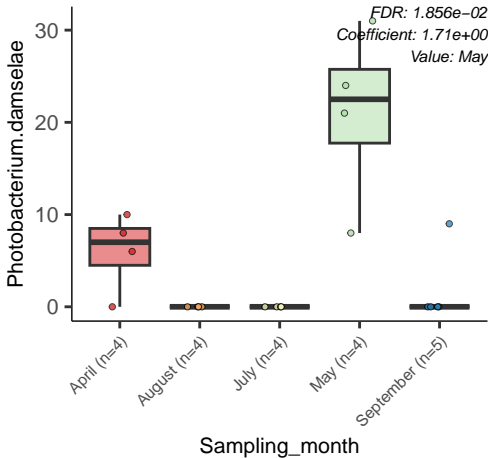
FDR: 1.849e-02

Coefficient: -1.34e+00

Value: August

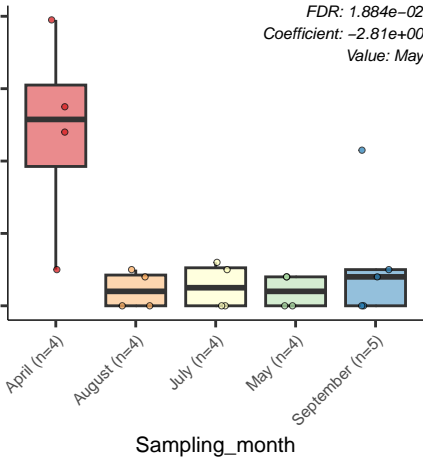




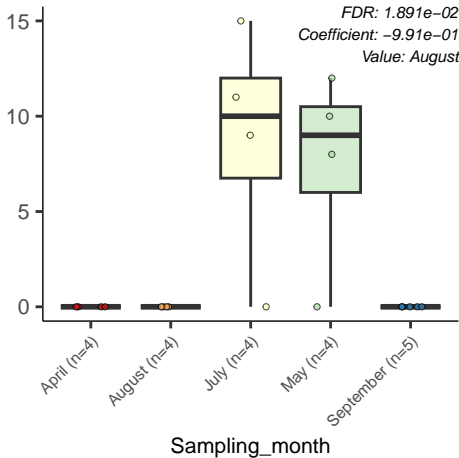


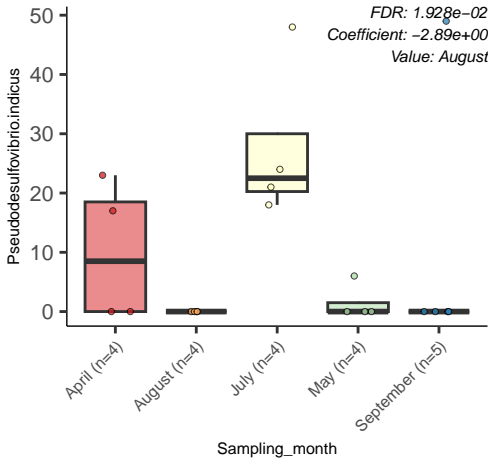
Aeromonas.hydrophila

FDR: 1.884e-02  
Coefficient: -2.81e+00  
Value: May

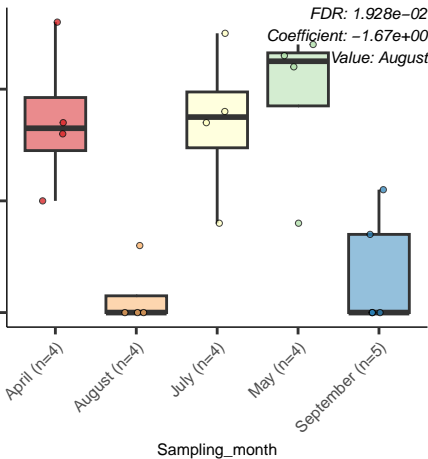


Weeksella.virosa

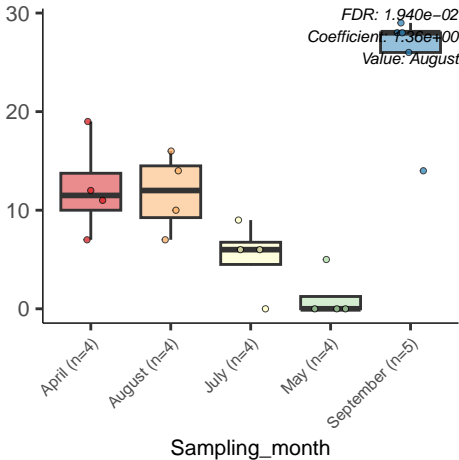


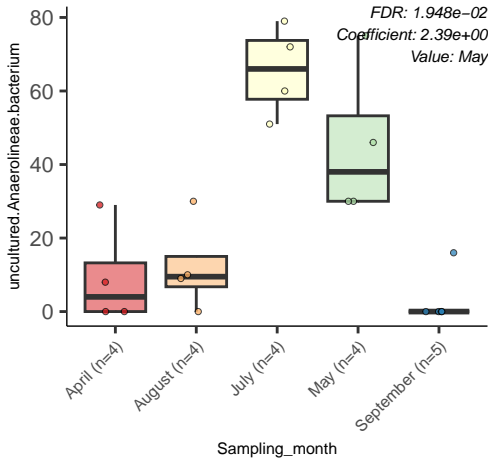


Parastrongyloides.trichosuri



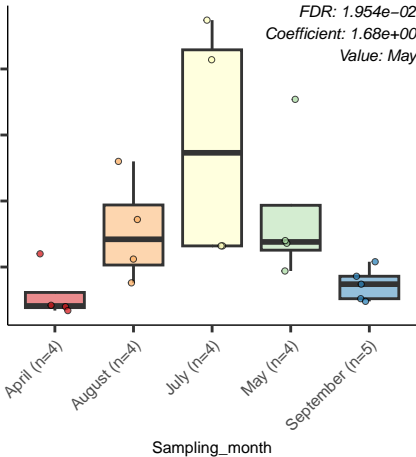
Sphingopyxis.sp..113P3





Spingopyxis.macrogoltabida

FDR: 1.954e-02  
Coefficient: 1.68e+00  
Value: May



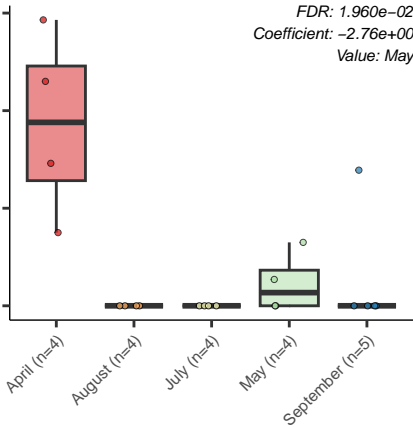


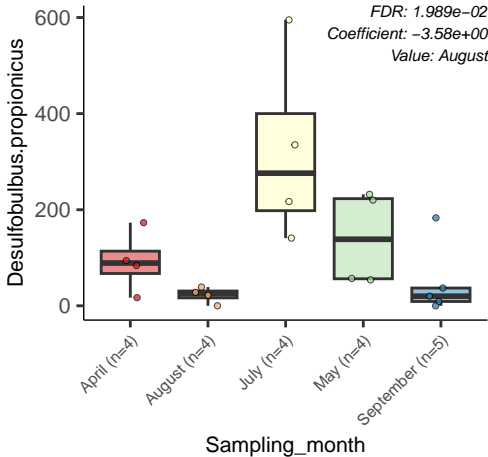
Acricotopus.lucens

FDR: 1.960e-02  
Coefficient: -2.76e+00  
Value: May

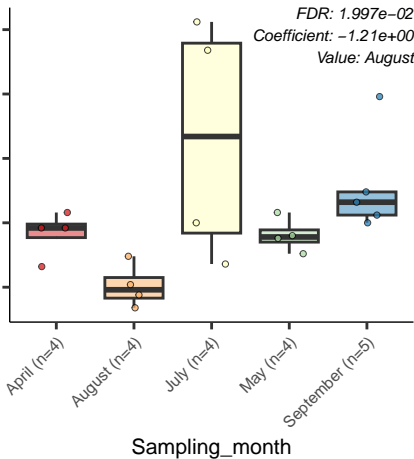
April (n=4)  
August (n=4)  
July (n=4)  
May (n=4)  
September (n=5)

Sampling\_month



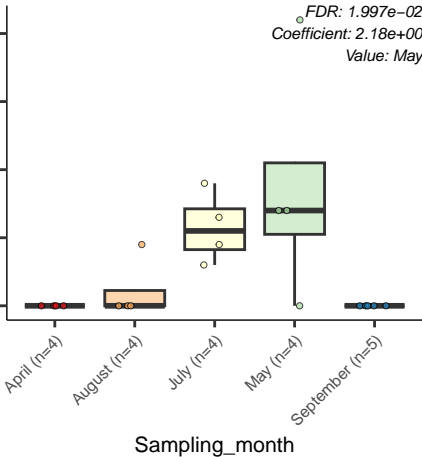


Porphyrrobacter.sp..LM.6



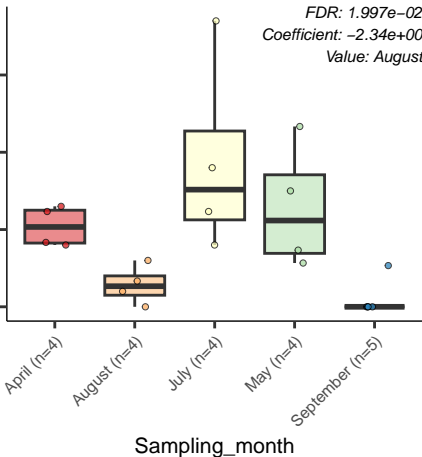
Sulfurovum.sp..NBC37.1

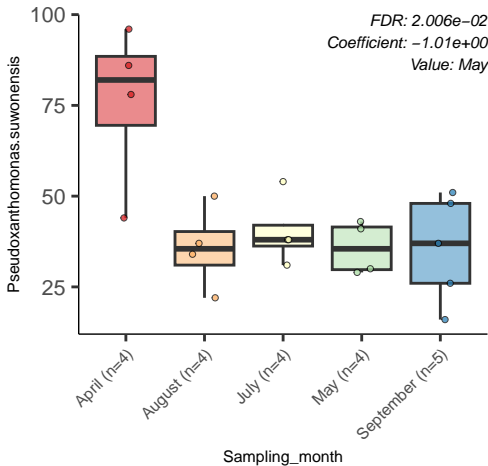
FDR: 1.997e-02  
Coefficient: 2.18e+00  
Value: May

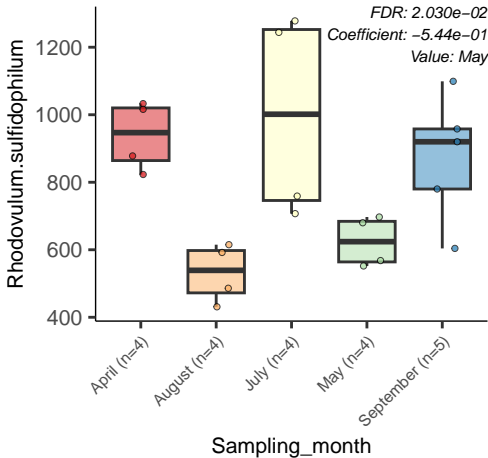


Maribacter.sp.:HTCC2170

FDR:  $1.997e-02$   
Coefficient:  $-2.34e+00$   
Value: August

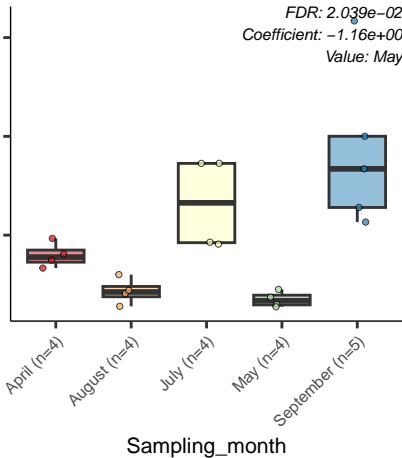




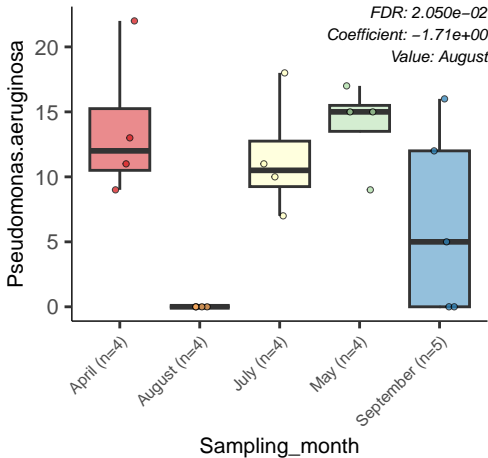


Erythrobacter.sp..HL.111

FDR:  $2.039e-02$   
Coefficient:  $-1.16e+00$   
Value: May

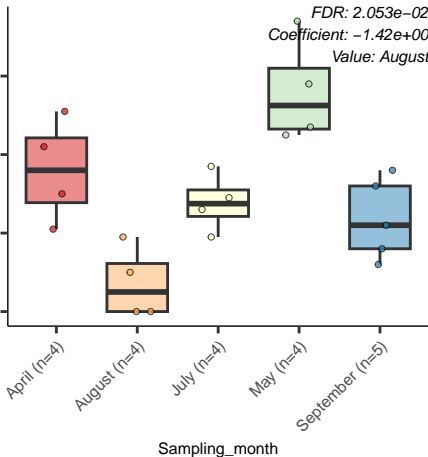






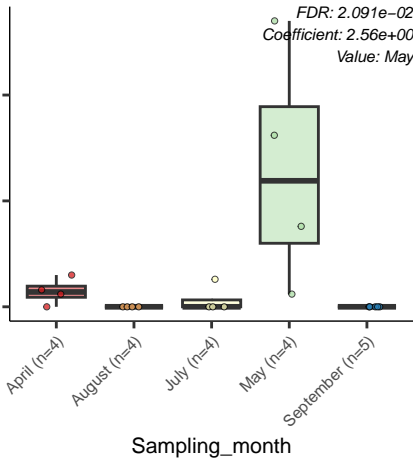
Coraliomargarita.akajimensis

FDR: 2.053e-02  
Coefficient: -1.42e+00  
Value: August



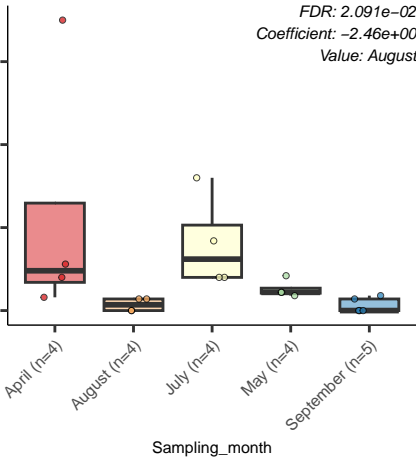
Canuella.perplexa

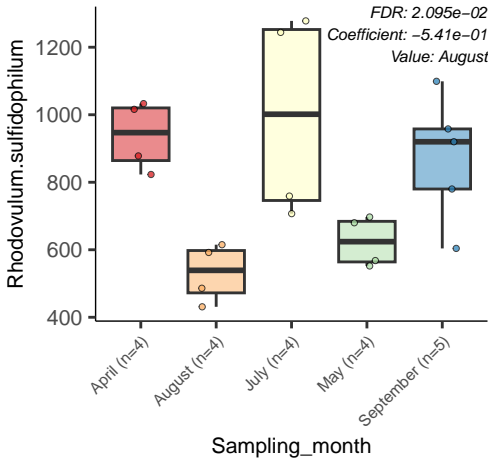
FDR: 2.091e-02  
Coefficient: 2.56e+00  
Value: May



sulfur.oxidizing.bacterium.OBI15

FDR:  $2.091e-02$   
Coefficient:  $-2.46e+00$   
Value: August





Paeniclostridium.sordellii

FDR: 2.113e-02  
Coefficient: 2.01e+00  
Value: May

April (n=4)

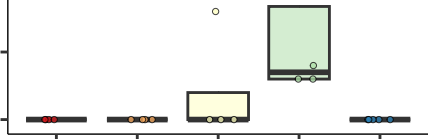
August (n=4)

July (n=4)

May (n=4)

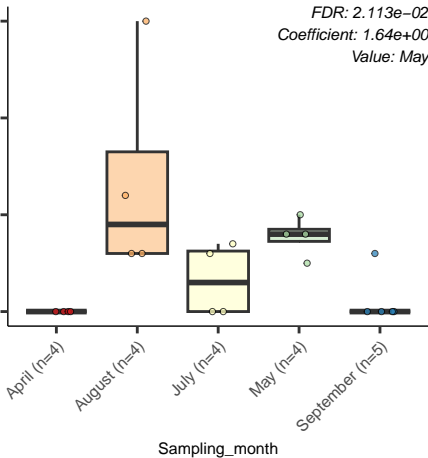
September (n=5)

Sampling\_month

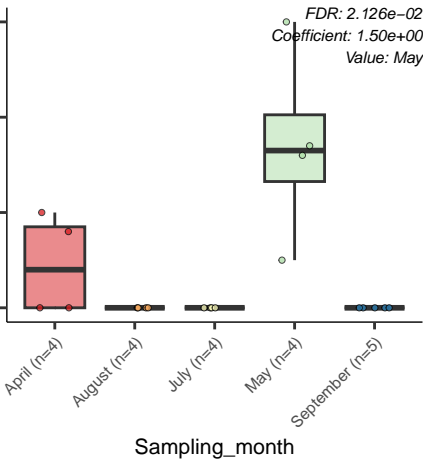


aff..Nodosilinea.sp..LEGE.06148

FDR: 2.113e-02  
Coefficient: 1.64e+00  
Value: May



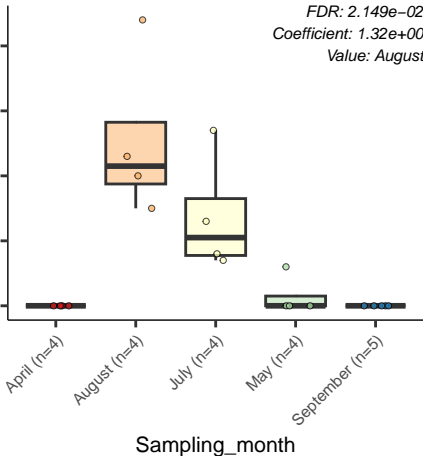
Skeletonema.costatum



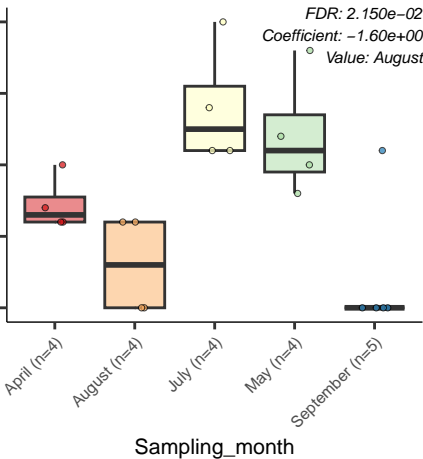


Halorubrum.orientale

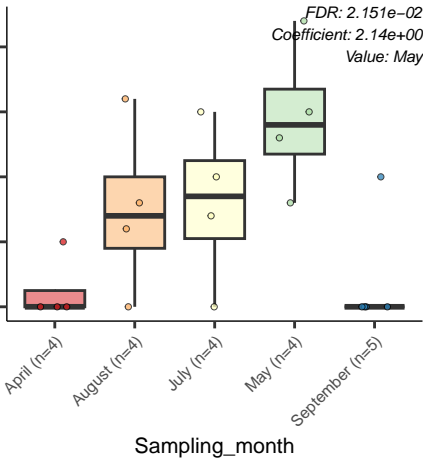
FDR: 2.149e-02  
Coefficient: 1.32e+00  
Value: August



Rhizobium.sp..ACO.34A



Blastopirellula.marina



Marivirga.tractuosa

FDR:  $2.169e-02$

Coefficient:  $-2.56e+00$

Value: August

30000

20000

10000

0

April (n=4)

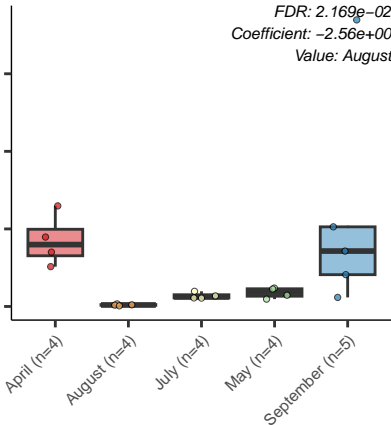
August (n=4)

July (n=4)

May (n=4)

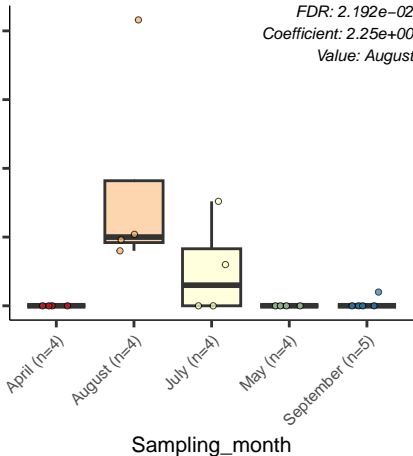
September (n=5)

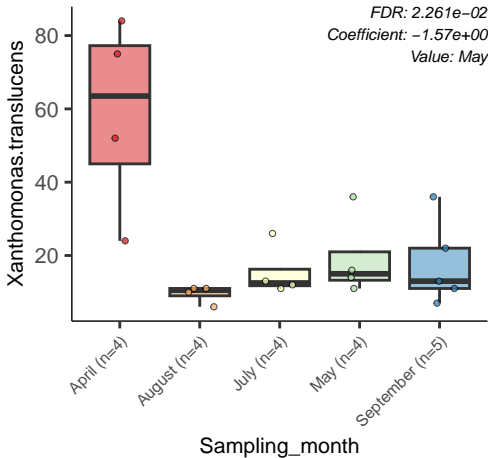
Sampling\_month



Halorubrum.rutilum

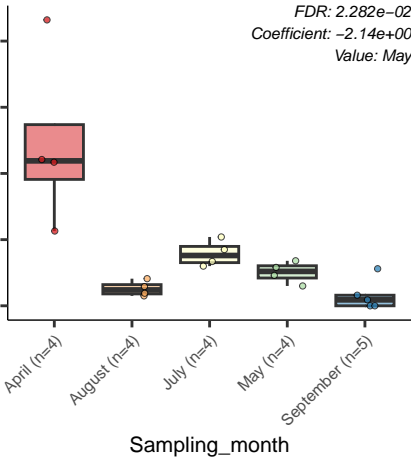
FDR: 2.192e-02  
Coefficient: 2.25e+00  
Value: August





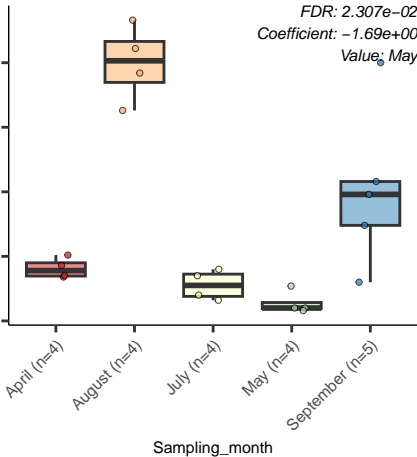
Roseobacter.sp..KT1117

FDR: 2.282e-02  
Coefficient: -2.14e+00  
Value: May



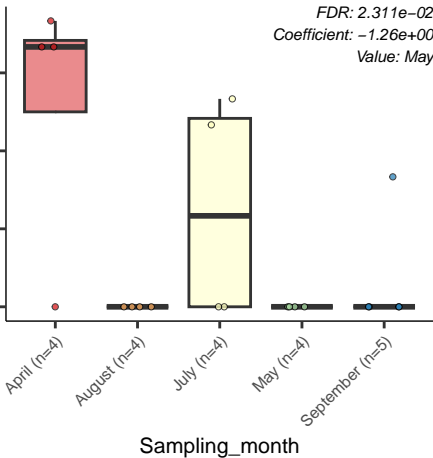
Gluconacetobacter.diazotrophicus

FDR: 2.307e-02  
Coefficient: -1.69e+00  
Value: May



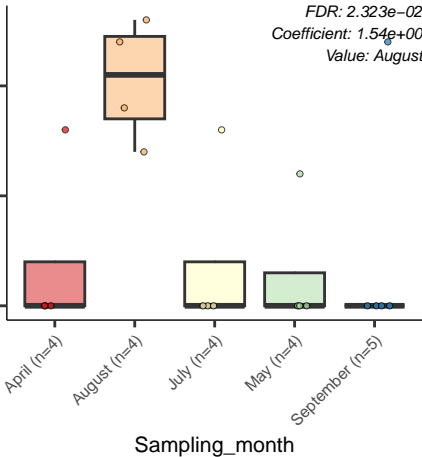


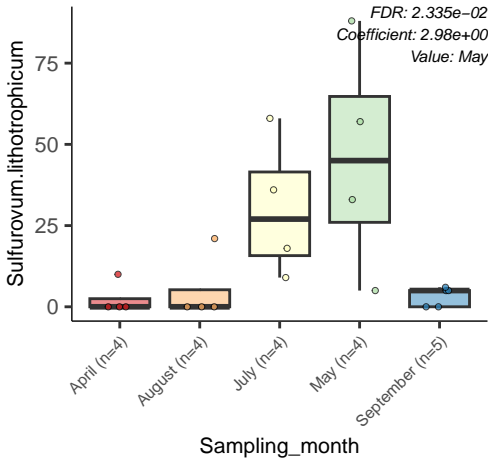
Acinetobacter.soli

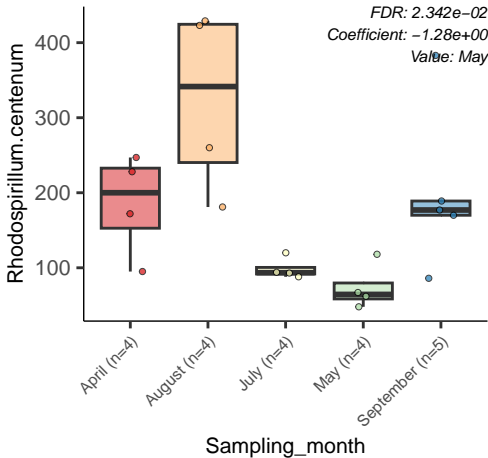


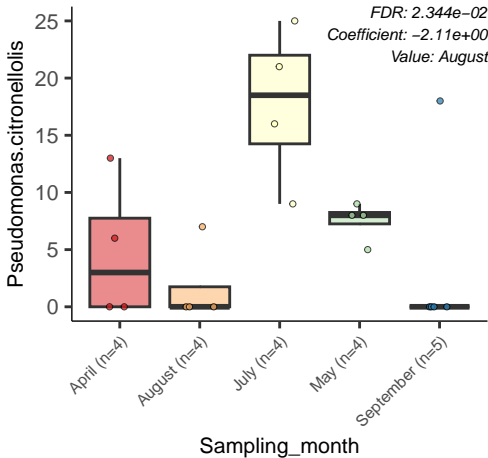
Kytococcus.sedentarius

FDR: 2.323e-02  
Coefficient: 1.54e+00  
Value: August







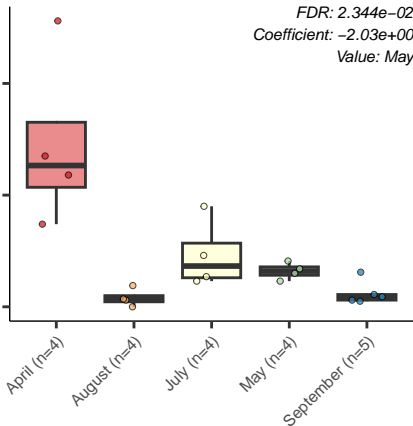


Nonlabens.spongiae

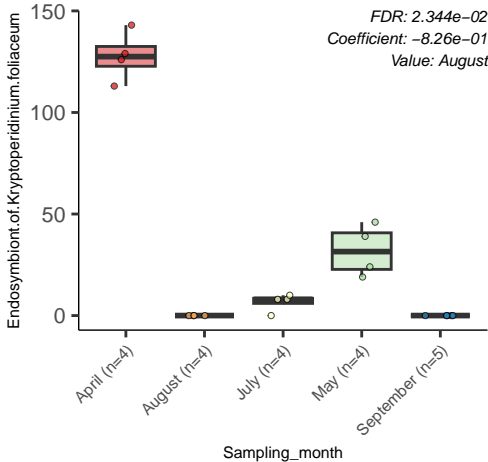
FDR: 2.344e-02

Coefficient: -2.03e+00

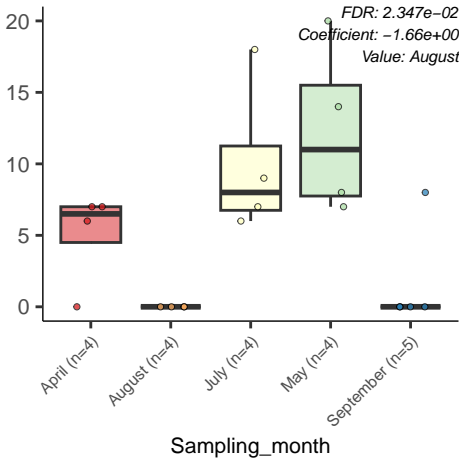
Value: May



Sampling\_month



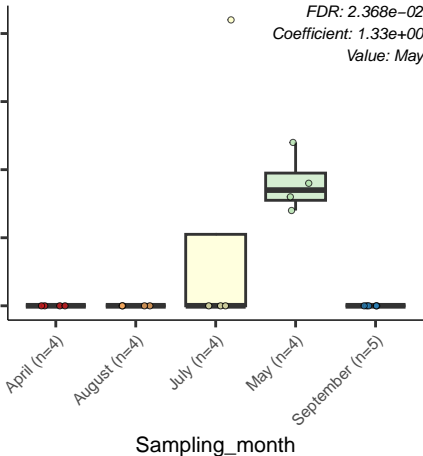
Microbulbifer.aggregans





Kangiella.geojedonensis

FDR: 2.368e-02  
Coefficient: 1.33e+00  
Value: May

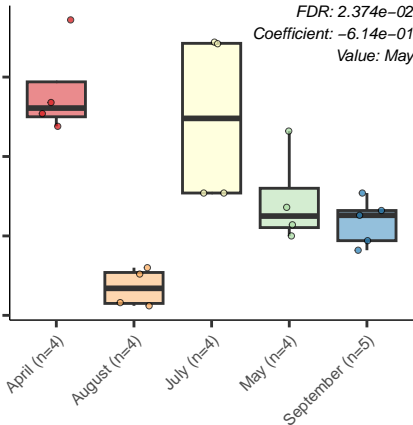


Celeribacter.ethanolicus

FDR: 2.374e-02

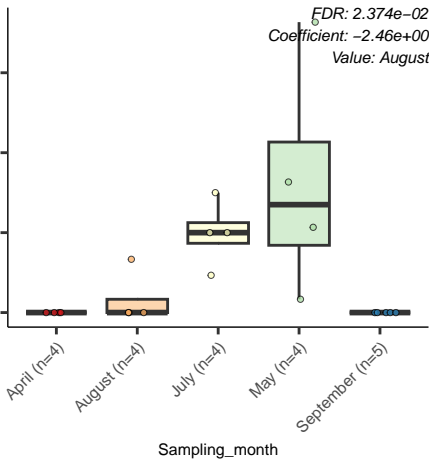
Coefficient: -6.14e-01

Value: May



Sampling\_month

marine.bacterium.enrichment.culture.clone.A01.A1.



Erythrobacter.litoralis

6000

4000

2000

April (n=4)

August (n=4)

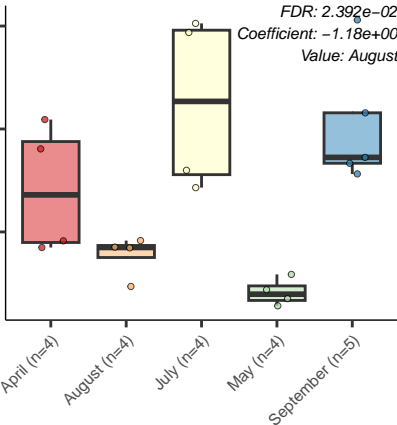
July (n=4)

May (n=4)

September (n=5)

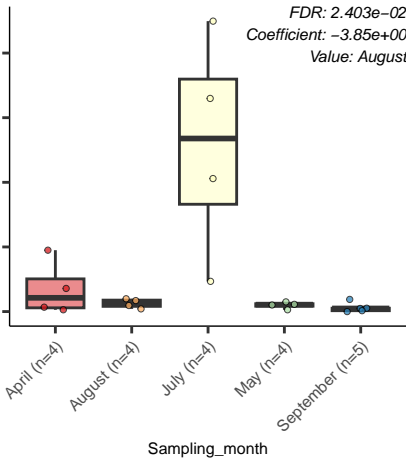
Sampling\_month

FDR:  $2.392e-02$   
Coefficient:  $-1.18e+00$   
Value: August



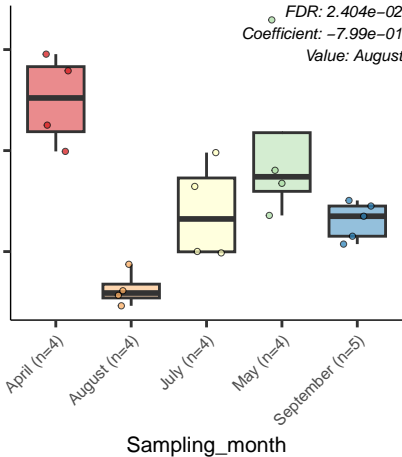
Hydrogenovibrio.crunogenus

*FDR: 2.403e-02*  
*Coefficient: -3.85e+00*  
*Value: August*



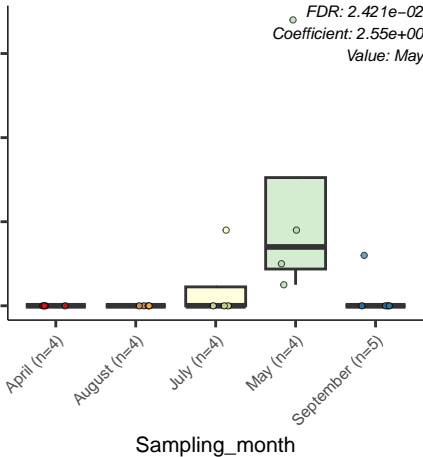
Rhodovulum.sp..P5

FDR: 2.404e-02  
Coefficient: -7.99e-01  
Value: August



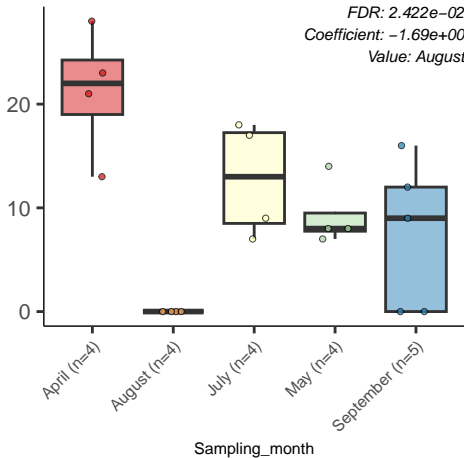
Vibrio.natriegens

FDR: 2.421e-02  
Coefficient: 2.55e+00  
Value: May



uncultured.Xanthomonadaceae.bacterium

FDR:  $2.422e-02$   
Coefficient:  $-1.69e+00$   
Value: August





Paracoccus.denitrificans

500  
400  
300  
200

April (n=4)

August (n=4)

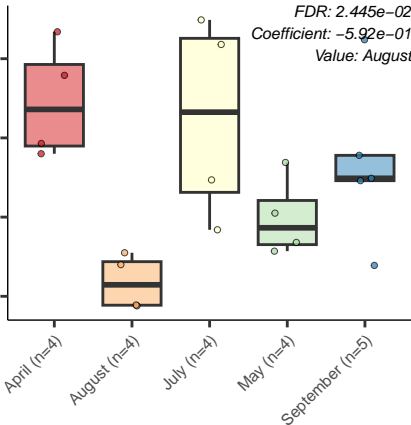
July (n=4)

May (n=4)

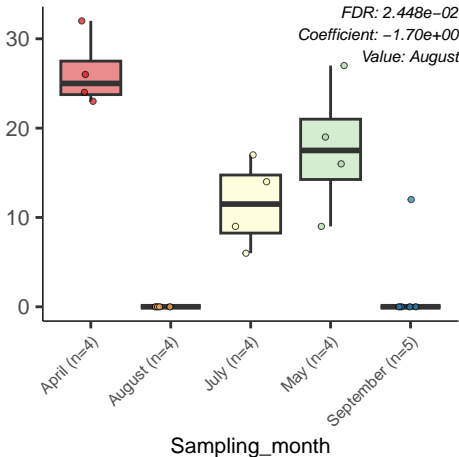
September (n=5)

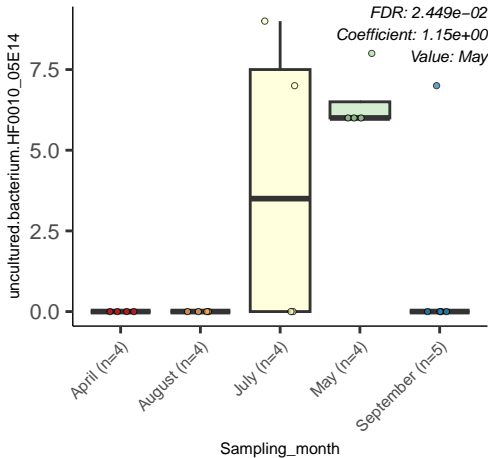
Sampling\_month

*FDR: 2.445e-02*  
*Coefficient: -5.92e-01*  
*Value: August*

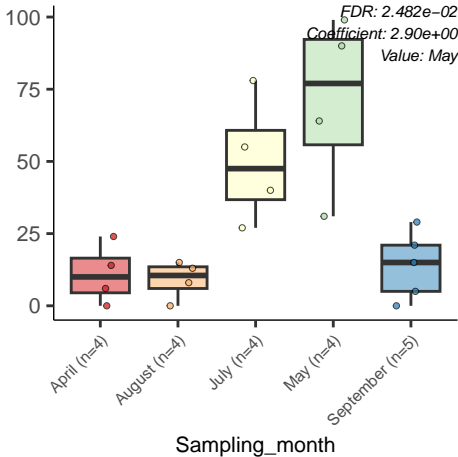


Polaribacter.sp..KT25b

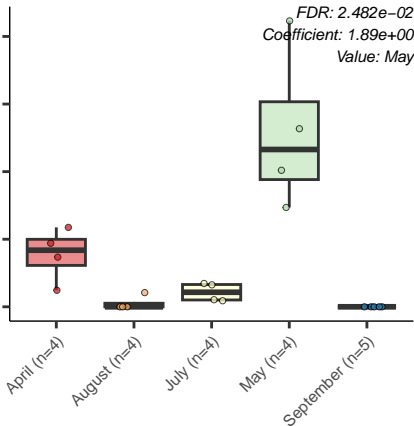




Methylophaga.frappieri



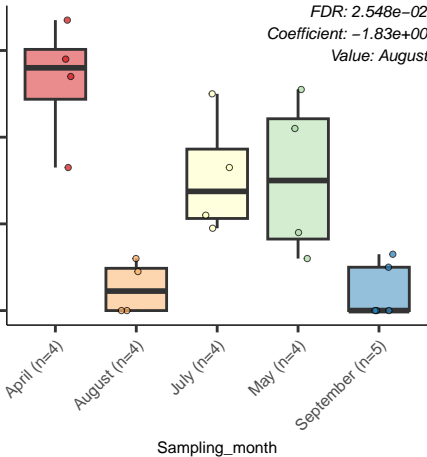
Nitzschia.frustulum



Sampling\_month

Siansivirga.zeaxanthinifaciens

FDR:  $2.548e-02$   
Coefficient:  $-1.83e+00$   
Value: August



uncultured.Spirochaetes.bacterium

FDR:  $2.560e-02$   
Coefficient:  $-1.74e+00$   
Value: August

20

10

0

April (n=4)

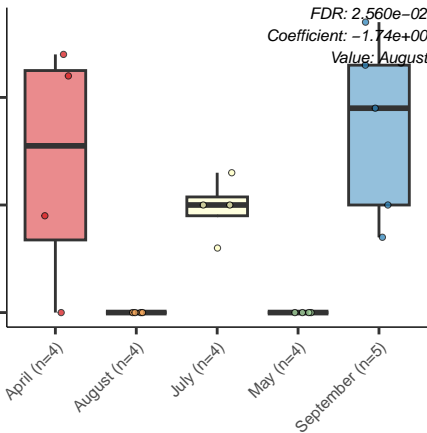
August (n=4)

July (n=4)

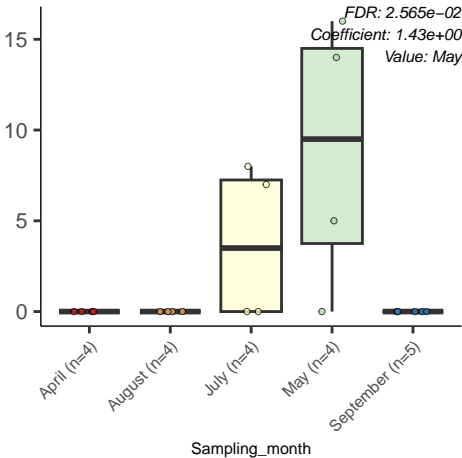
May (n=4)

September (n=5)

Sampling\_month

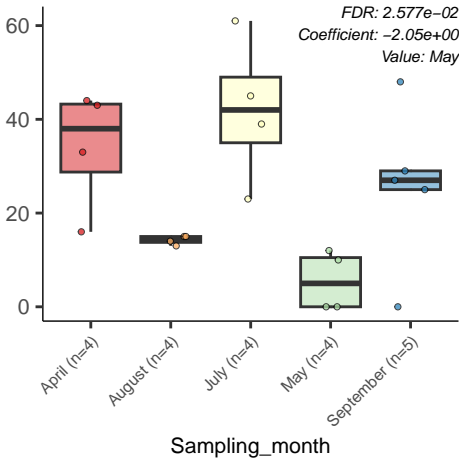


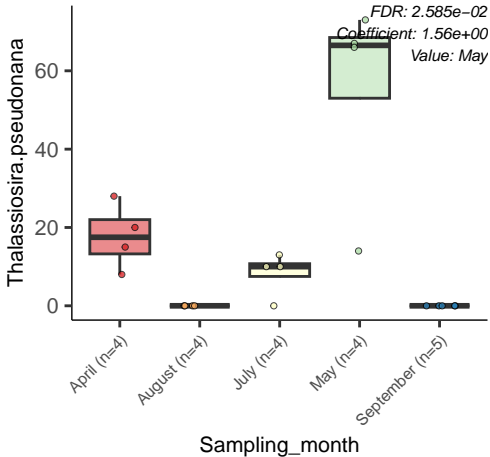
Hymenobacter.sp..PAMC.26554

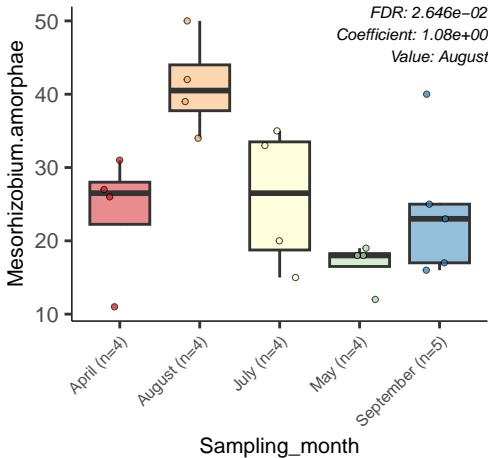




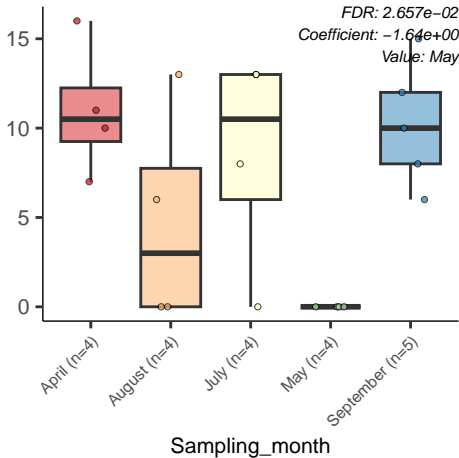
Porifera.rhodea







Sphingomonas.sp..LK11



Lewinella.nigricans

7.5  
5.0  
2.5  
0.0

April (n=4)

August (n=4)

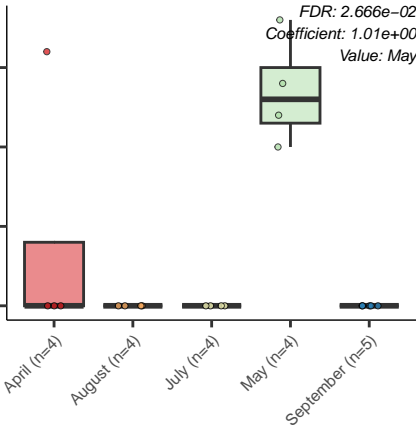
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

FDR: 2.666e-02  
Coefficient: 1.01e+00  
Value: May



Idiomarina.piscisalsi

*FDR: 2.700e-02*  
*Coefficient: 2.67e+00*  
*Value: August*

April (n=4)

August (n=4)

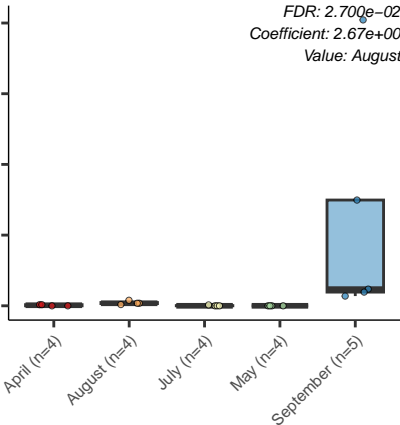
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

2000  
1500  
1000  
500  
0



Paracoccus.contaminans

1000  
750  
500

April (n=4)

August (n=4)

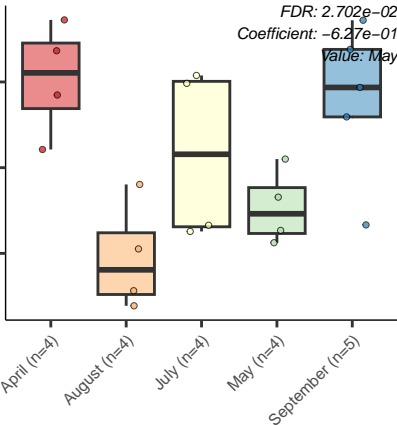
July (n=4)

May (n=4)

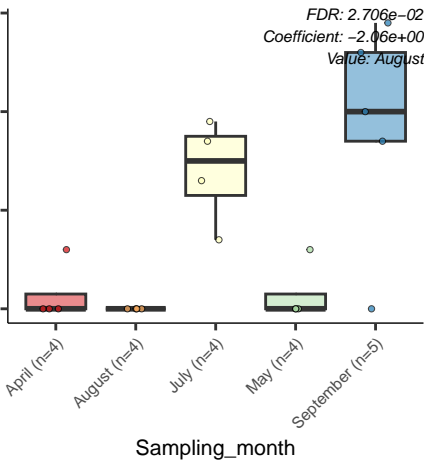
September (n=5)

Sampling\_month

FDR:  $2.702e-02$   
Coefficient:  $-6.27e-01$   
Value: May



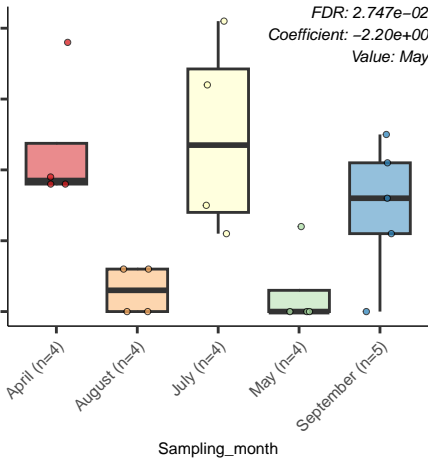
Arachidicoccus.sp..BS20





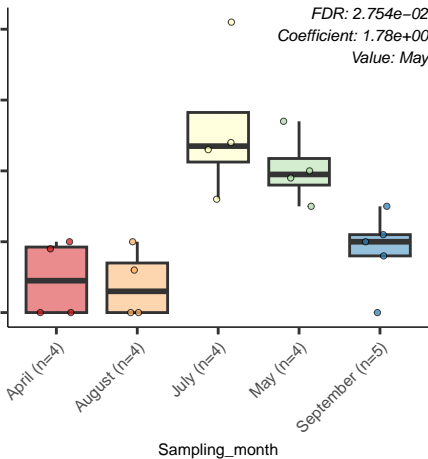
Catalinimonas.alkaloidigena

FDR: 2.747e-02  
Coefficient: -2.20e+00  
Value: May



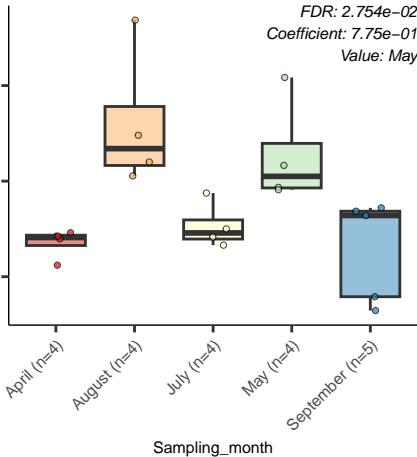
uncultured.gammaproteobacterium.HF0010\_05D0

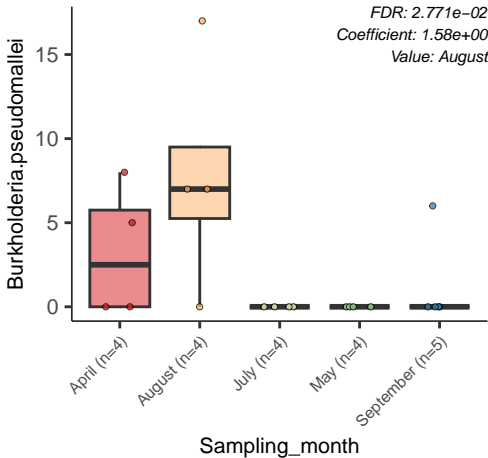
FDR:  $2.754 \times 10^{-2}$   
Coefficient:  $1.78 \times 10^0$   
Value: May



uncultured.Bacteroidetes.bacterium

FDR:  $2.754e-02$   
Coefficient:  $7.75e-01$   
Value: May





uncultured.Pelobacter.sp.

FDR: 2.771e-02  
Coefficient: 1.51e+00  
Value: May

20

10

0

April (n=4)

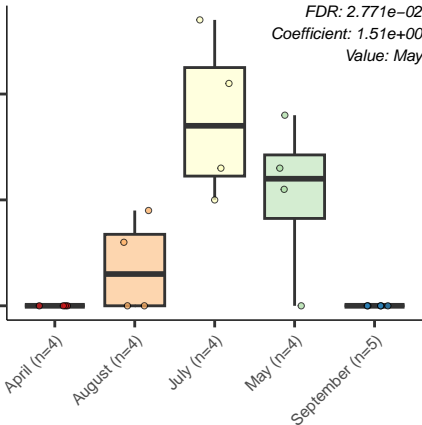
August (n=4)

July (n=4)

May (n=4)

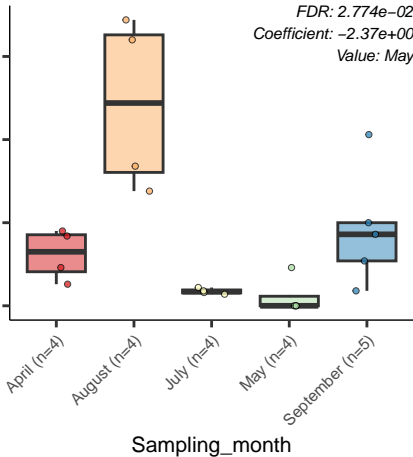
September (n=5)

Sampling\_month



Chromobacterium.violaceum

FDR: 2.774e-02  
Coefficient: -2.37e+00  
Value: May

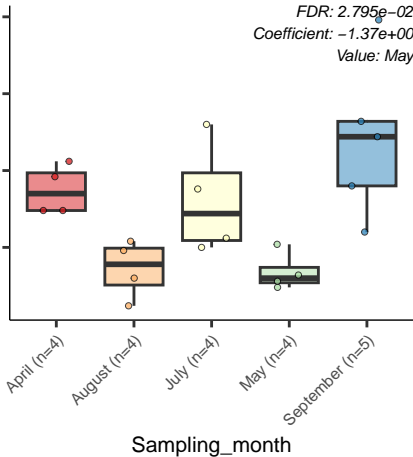


Marteella.endophytica

FDR:  $2.795e-02$

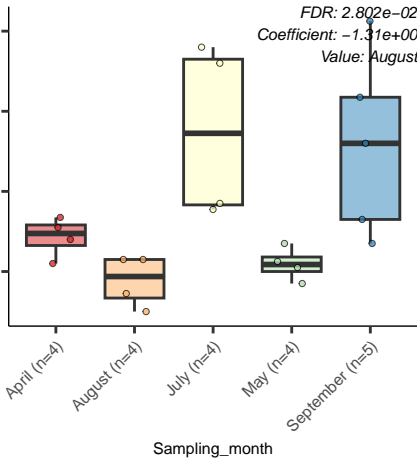
Coefficient:  $-1.37e+00$

Value: May

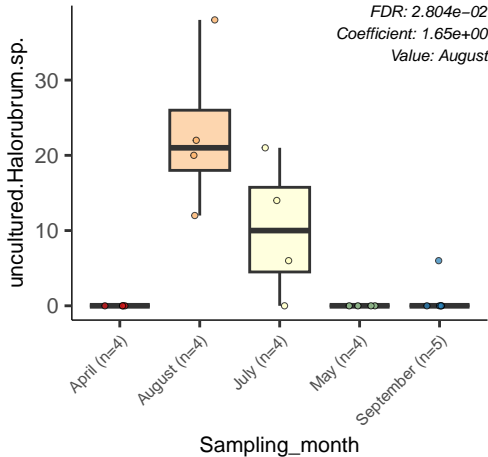


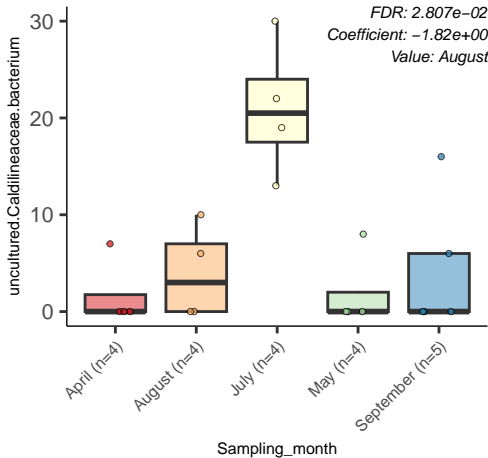
Porphyrrobacter.sp..CACIAM.03H1

FDR:  $2.802e-02$   
Coefficient:  $-1.31e+00$   
Value: August

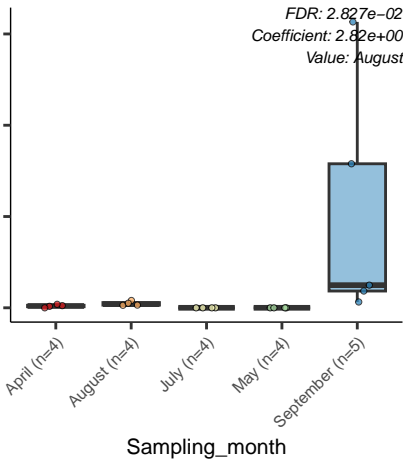






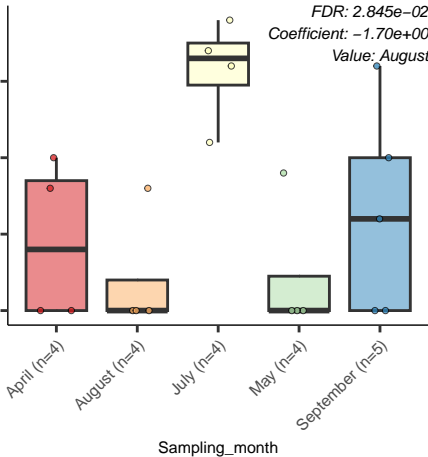


Idiomarina.sp..X4



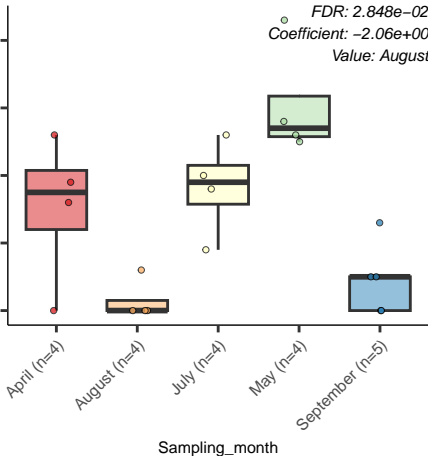
uncultured.Anaerolineaceae.bacterium

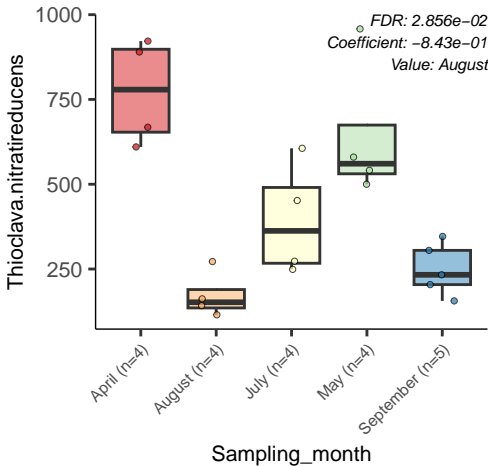
FDR: 2.845e-02  
Coefficient: -1.70e+00  
Value: August



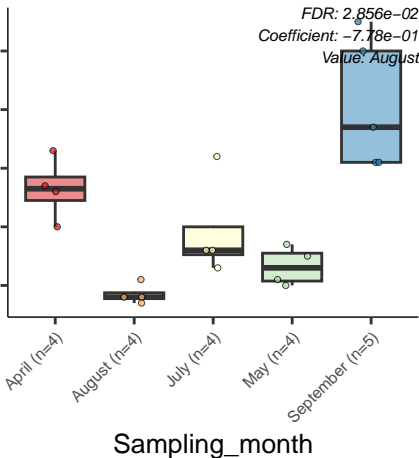
uncultured.Verrucomicrobium.sp.

FDR:  $2.848e-02$   
Coefficient:  $-2.06e+00$   
Value: August



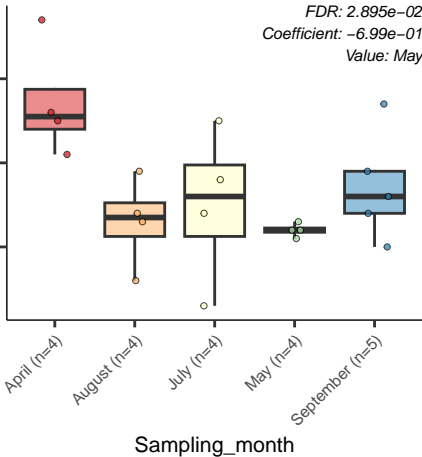


Thioclava.sp.



Sinorhizobium.meliloti

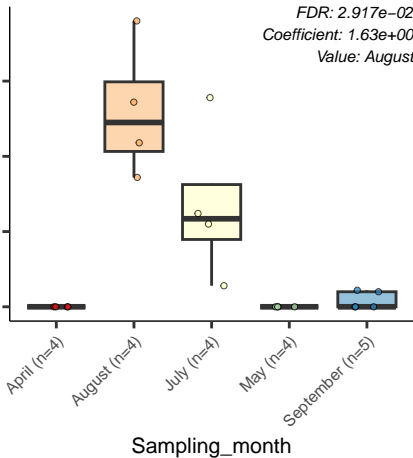
FDR: 2.895e-02  
Coefficient: -6.99e-01  
Value: May





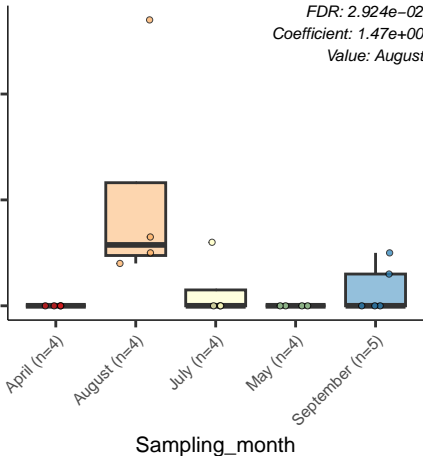
Halorubrum.terrestre

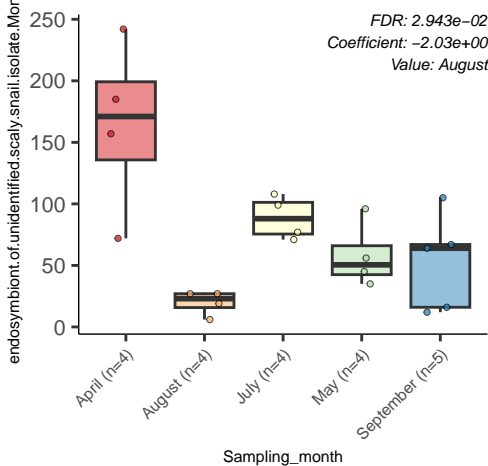
*FDR: 2.917e-02*  
*Coefficient: 1.63e+00*  
*Value: August*

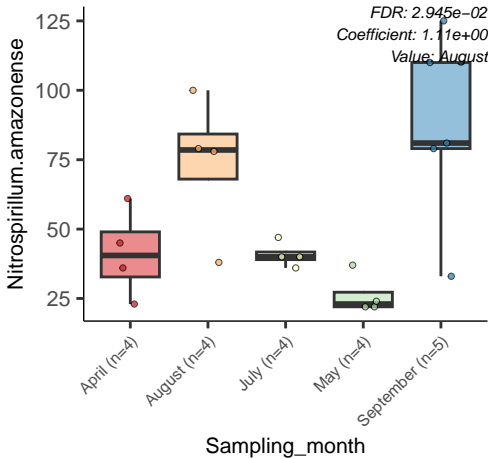


Halogeometricum.rufum

FDR: 2.924e-02  
Coefficient: 1.47e+00  
Value: August







uncultured.Pelobacter.sp.

FDR:  $2.965e-02$

Coefficient:  $-1.49e+00$

Value: August

20

10

0

April (n=4)

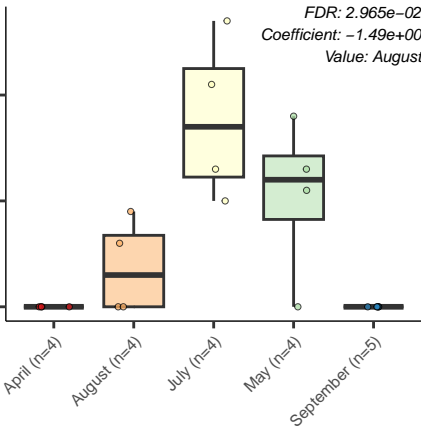
August (n=4)

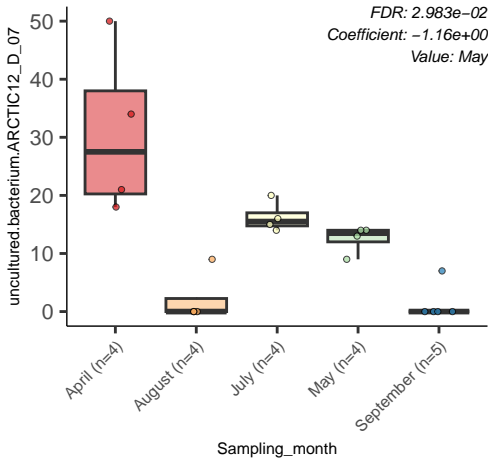
July (n=4)

May (n=4)

September (n=5)

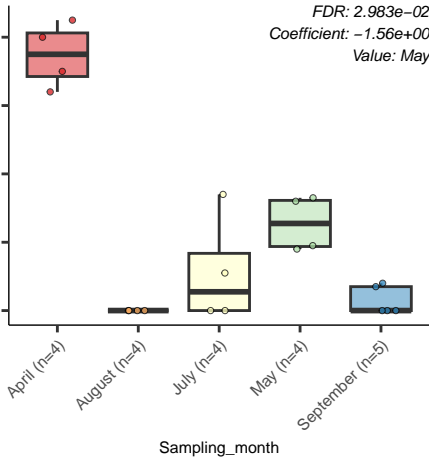
Sampling\_month





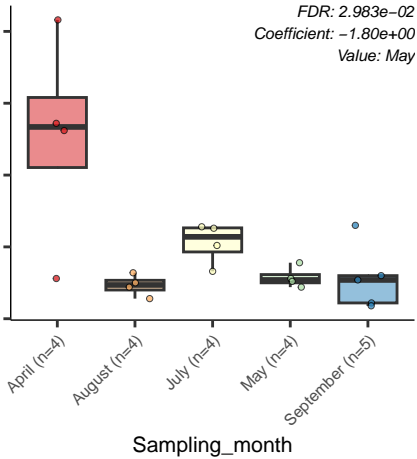
Polaribacter.reichenbachii

FDR: 2.983e-02  
Coefficient: -1.56e+00  
Value: May

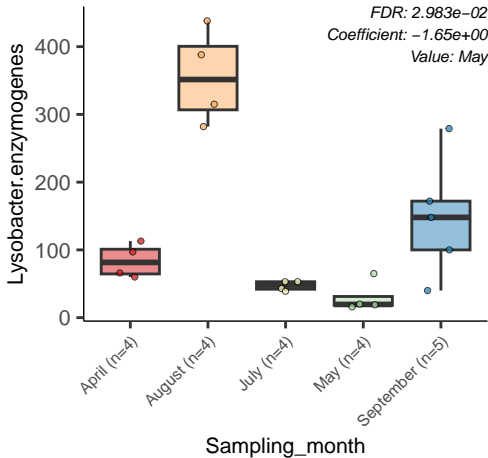


Thioalkalivibrio.versutus

FDR: 2.983e-02  
Coefficient: -1.80e+00  
Value: May





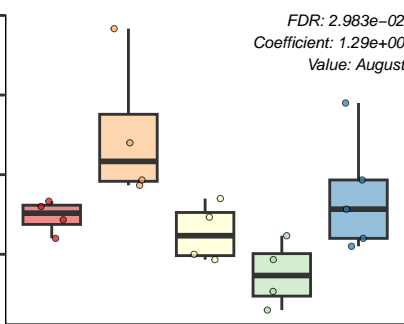


Bosea.sp..AS.1

*FDR: 2.983e-02*  
*Coefficient: 1.29e+00*  
*Value: August*

April (n=4)      August (n=4)      July (n=4)      May (n=4)      September (n=5)

Sampling\_month



Lacinutrix.sp..5H.3.7.4

FDR:  $2.983e-02$

Coefficient:  $-1.71e+00$

Value: August



Sampling\_month

Spingomonas.sp..NIC1

FDR: 2.997e-02  
Coefficient: 1.71e+00  
Value: August

20

10

0

April (n=4)

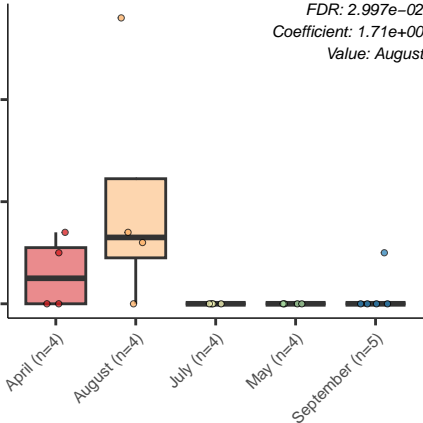
August (n=4)

July (n=4)

May (n=4)

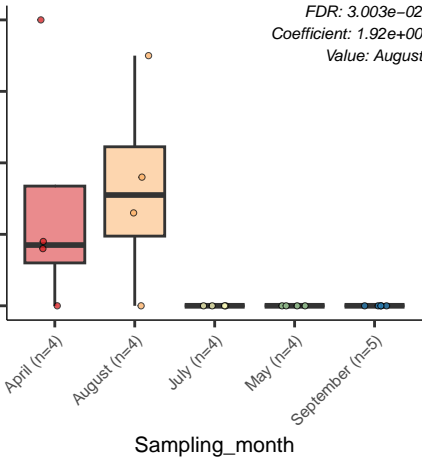
September (n=5)

Sampling\_month



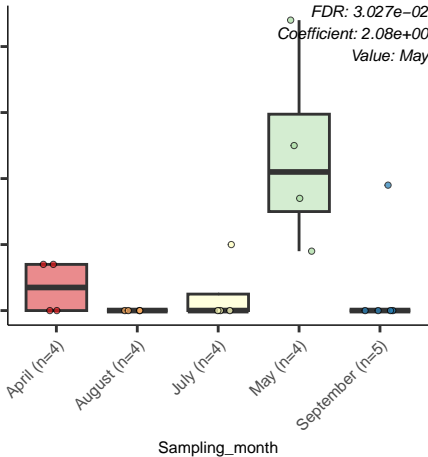
Moraxella.osloensis

FDR:  $3.003e-02$   
Coefficient:  $1.92e+00$   
Value: August



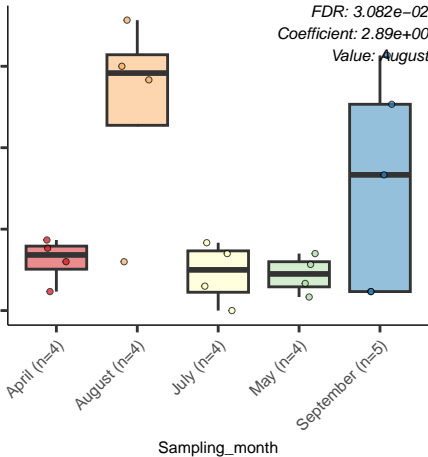
Alteromonas.naphthalenivorans

FDR: 3.027e-02  
Coefficient: 2.08e+00  
Value: May

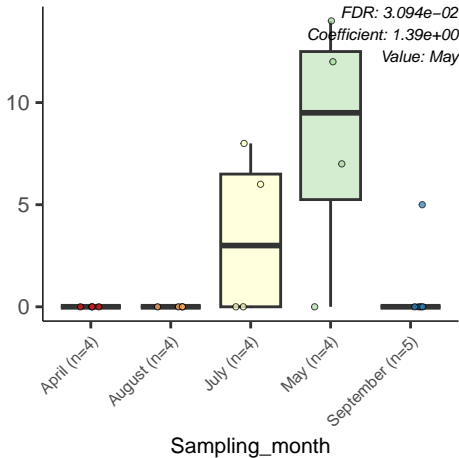


Chondrocystis.sp..NIES.4102

FDR: 3.082e-02  
Coefficient: 2.89e+00  
Value: August

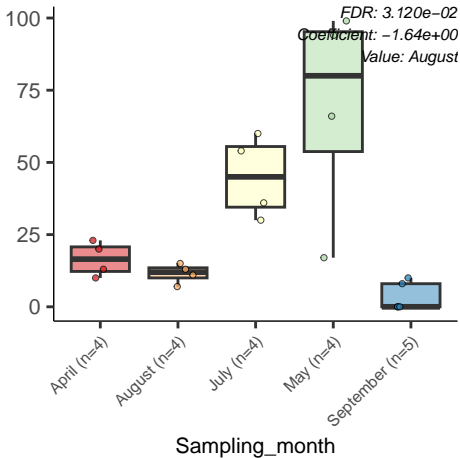


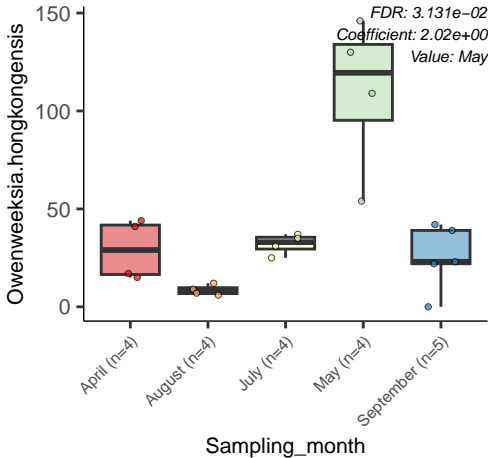
Lampriscus.shadboltianum



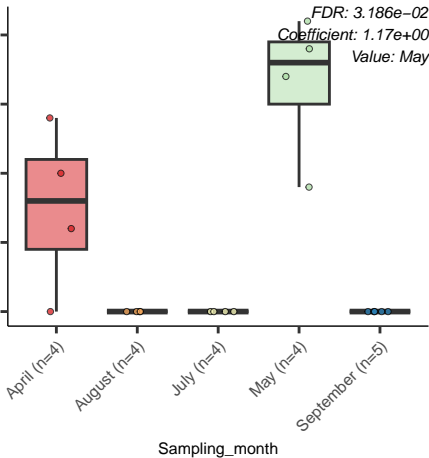


Gilvibacter.sp..SZ.19



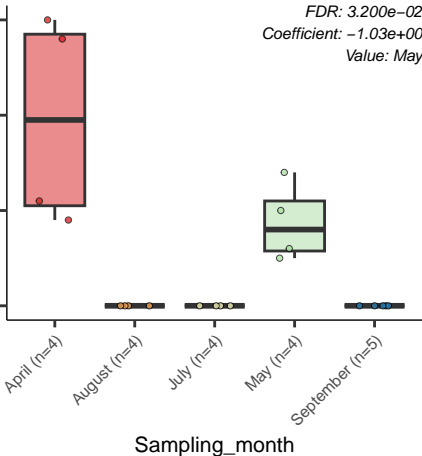


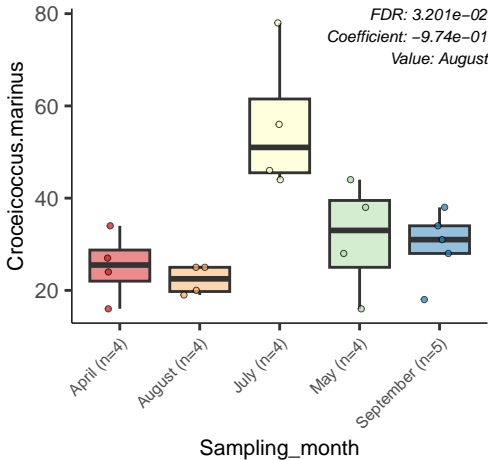
uncultured.gammaproteobacterium.EB080\_L93H0



Scylla.paramamosain

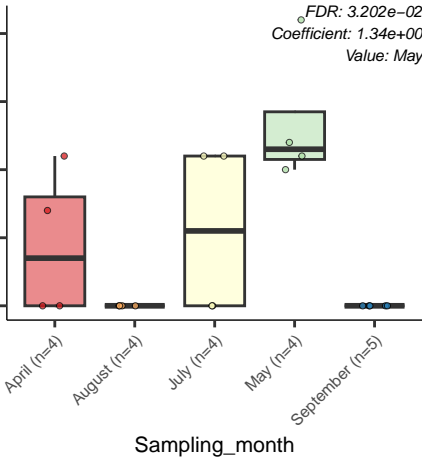
FDR:  $3.200e-02$   
Coefficient:  $-1.03e+00$   
Value: May

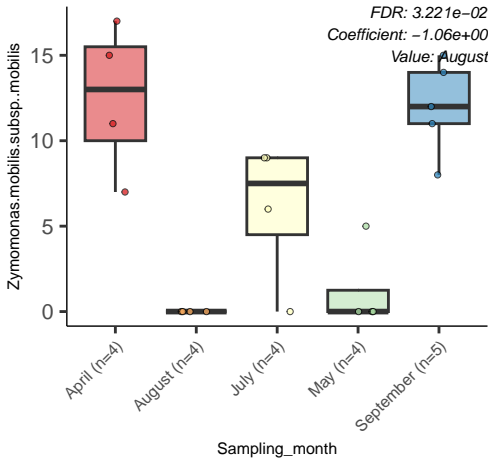




Turneriella.parva

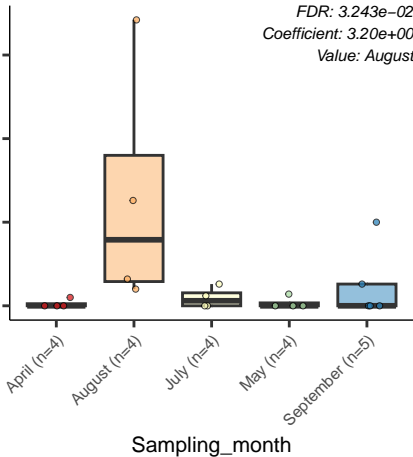
FDR: 3.202e-02  
Coefficient: 1.34e+00  
Value: May



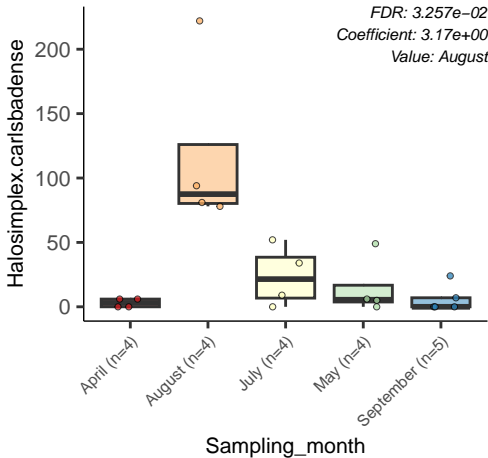


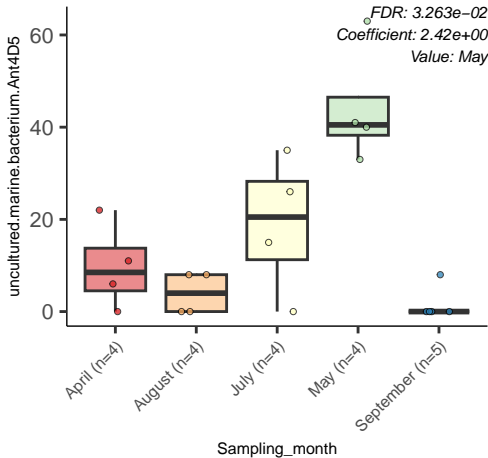
Halorubellus.salinus

*FDR: 3.243e-02*  
*Coefficient: 3.20e+00*  
*Value: August*

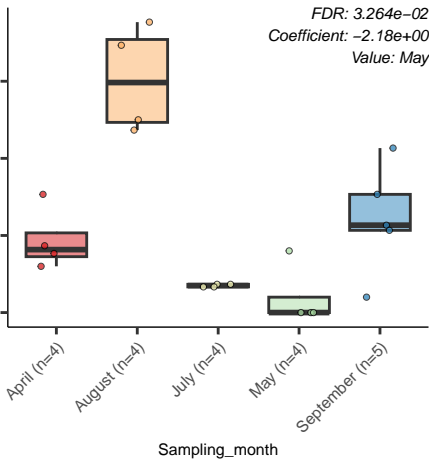




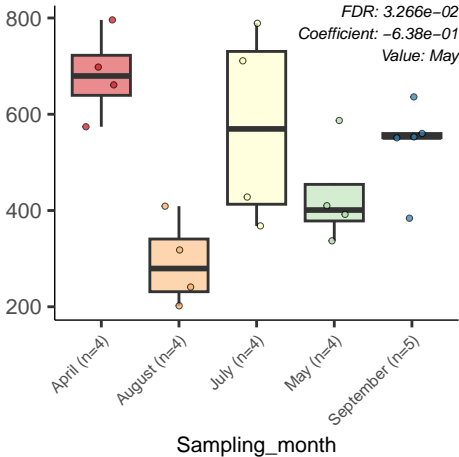




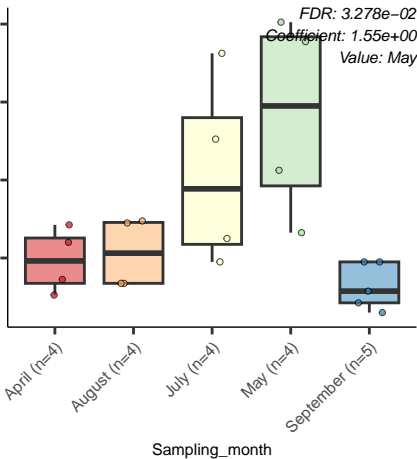
Herbaspirillum.frisingense



Defluviimonas.alba

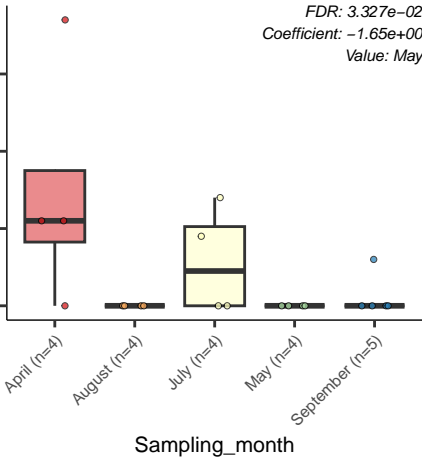


Altererythrobacter.ishigakiensis



Xenorhabdus.poinarii

FDR:  $3.327e-02$   
Coefficient:  $-1.65e+00$   
Value: May



Pajaroellobacter.abortibovis

FDR: 3.327e-02  
Coefficient: 1.22e+00  
Value: May

10

5

0

April (n=4)

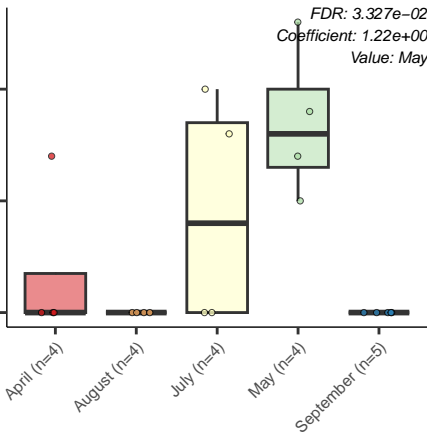
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling\_month



Caldithrix.abyssi

7.5

5.0

2.5

0.0

April (n=4)

August (n=4)

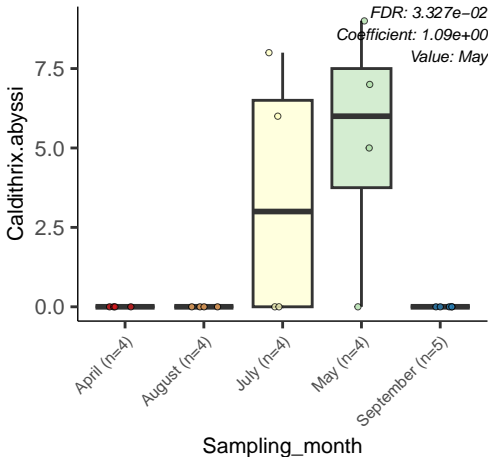
July (n=4)

May (n=4)

September (n=5)

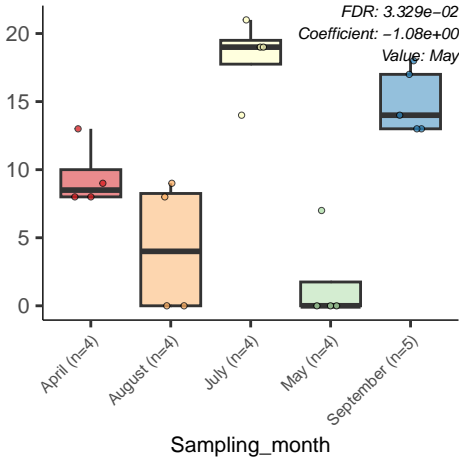
Sampling\_month

FDR:  $3.327e-02$   
Coefficient:  $1.09e+00$   
Value: May

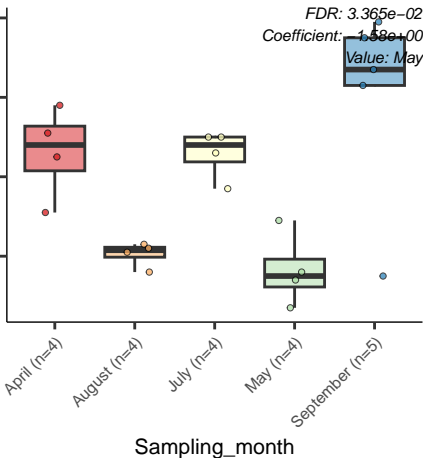




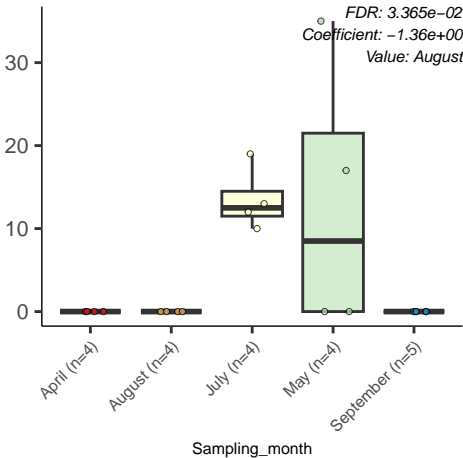
Sphingobium.japonicum



Mesorhizobium.loti

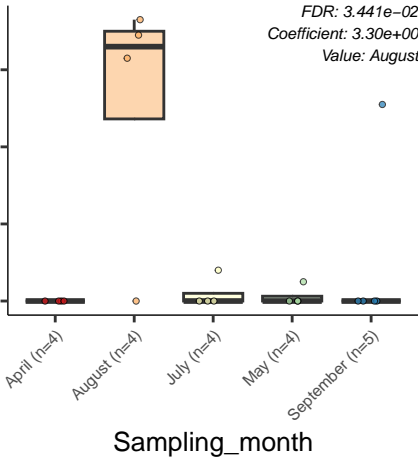


Anaerolineaceae.bacterium.enrichment.culture.clone.



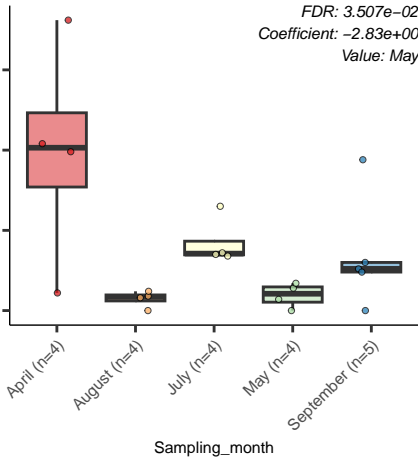
bacterium.RC21

FDR: 3.441e-02  
Coefficient: 3.30e+00  
Value: August



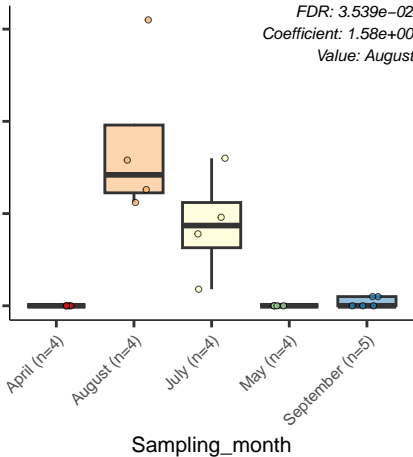
*Pseudodesulfobivibrio.aesopoeensis*

FDR:  $3.507e-02$   
Coefficient:  $-2.83e+00$   
Value: May

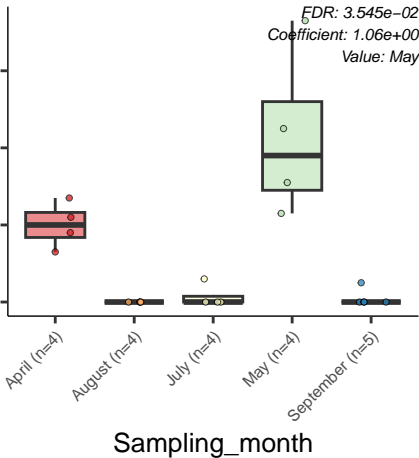


Halorubrum.aquaticum

FDR: 3.539e-02  
Coefficient: 1.58e+00  
Value: August

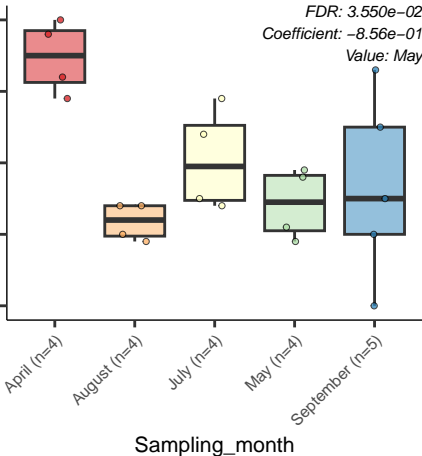


Pavlova.gyrans



Mesorhizobium.ciceri

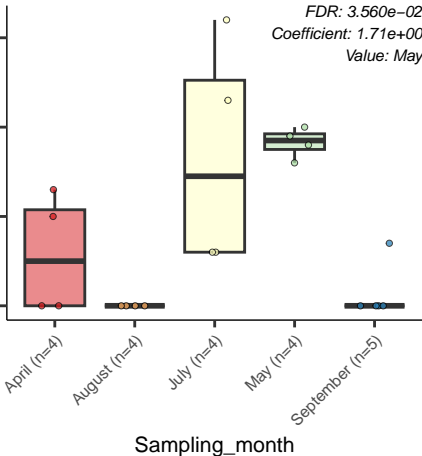
FDR: 3.550e-02  
Coefficient: -8.56e-01  
Value: May





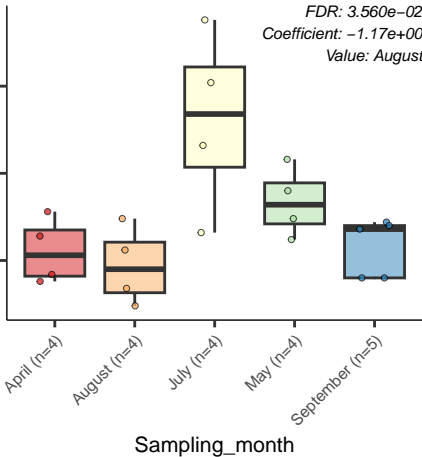
Odoribacter.splanchnicus

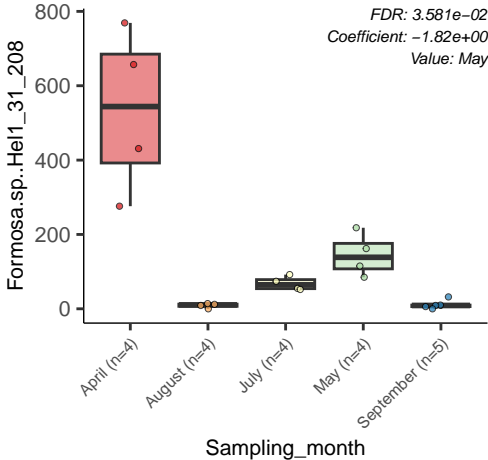
FDR: 3.560e-02  
Coefficient: 1.71e+00  
Value: May

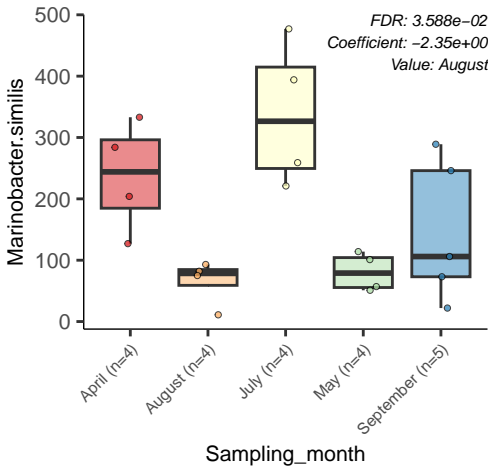


Erythrobacter.seohaensis

FDR:  $3.560e-02$   
Coefficient:  $-1.17e+00$   
Value: August

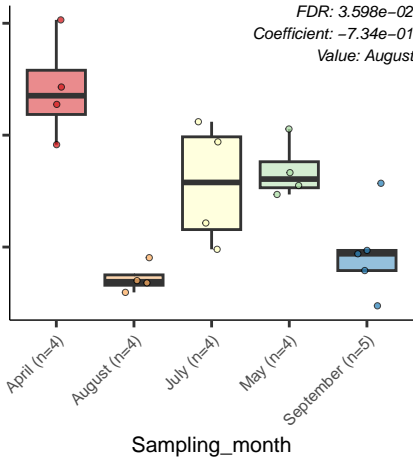






Jannaschia.sp..CCS1

FDR:  $3.598e-02$   
Coefficient:  $-7.34e-01$   
Value: August

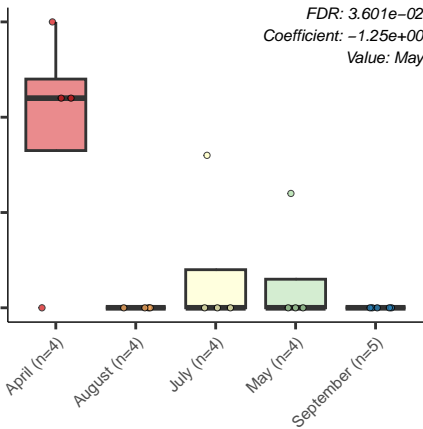


Xanthomonas.fragariae

FDR: 3.601e-02

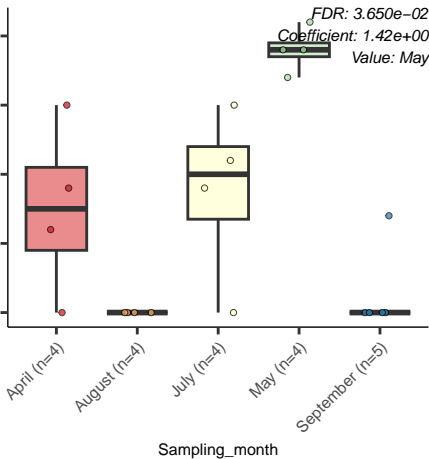
Coefficient: -1.25e+00

Value: May



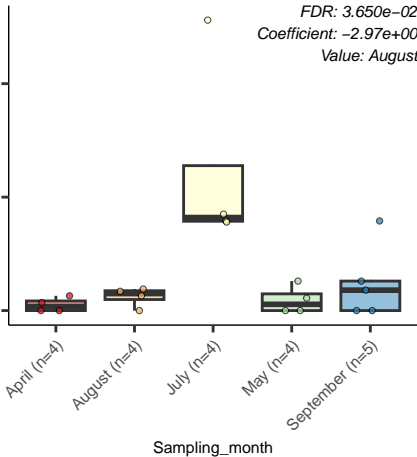
Sampling\_month

Granulosicoccus.antarcticus



Prosthecochloris.sp..CIB.2401

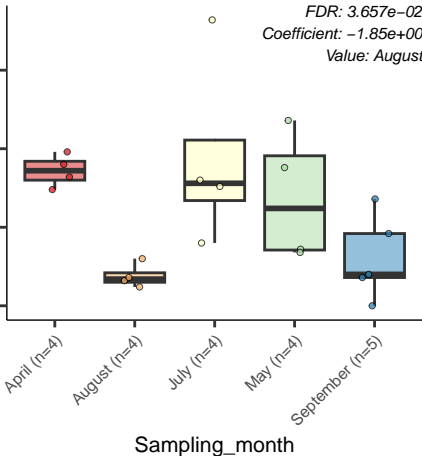
*FDR: 3.650e-02*  
*Coefficient: -2.97e+00*  
*Value: August*





Seonamhaeicola.sp..S2.3

FDR:  $3.657e-02$   
Coefficient:  $-1.85e+00$   
Value: August



uncultured.Beggiatoa.sp.

*FDR: 3.664e-02*

*Coefficient: -2.42e+00*

*Value: August*

April (n=4)

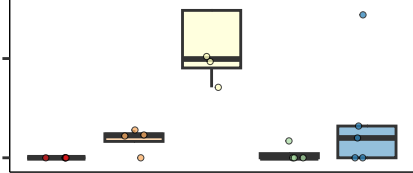
August (n=4)

July (n=4)

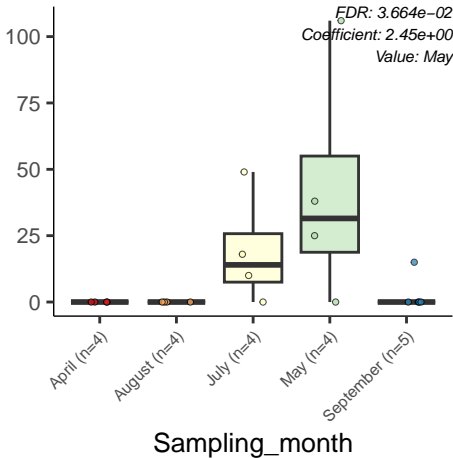
May (n=4)

September (n=5)

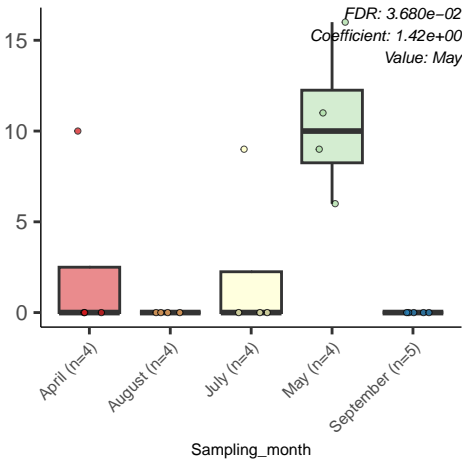
Sampling\_month



*Vibrio.owensii*

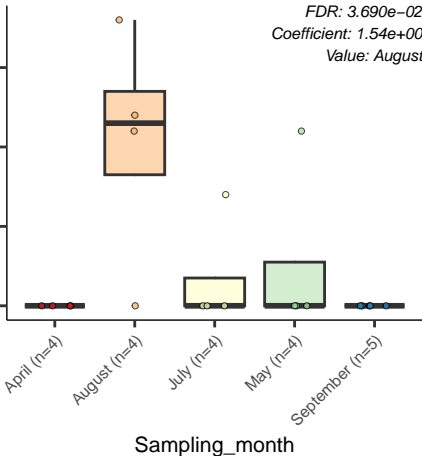


Candidatus.Thioglobus.singularis

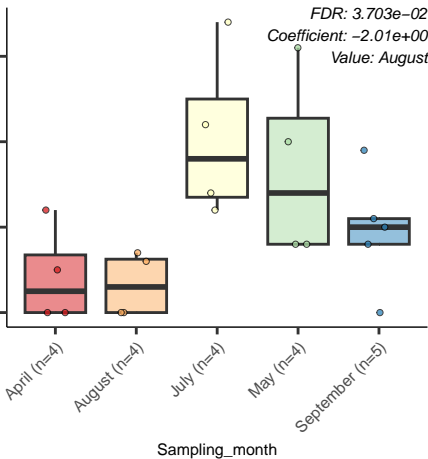


bacterium.YC.ZSS.LKJ60

FDR: 3.690e-02  
Coefficient: 1.54e+00  
Value: August

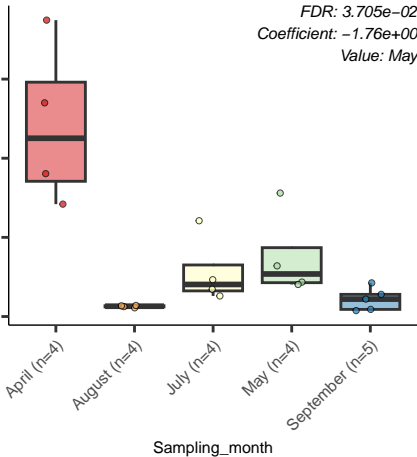


gamma.proteobacterium.HdN1



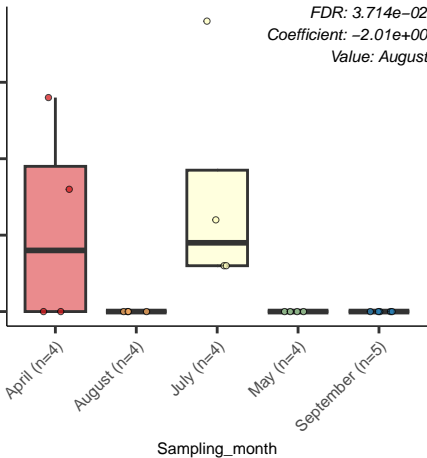
Maribacter.sp..1\_2014MBL\_MicDiv

FDR:  $3.705e-02$   
Coefficient:  $-1.76e+00$   
Value: May



Desulfovibrio.hydrothermalis

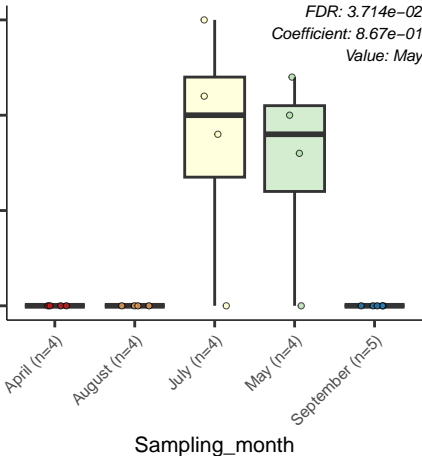
FDR:  $3.714e-02$   
Coefficient:  $-2.01e+00$   
Value: August





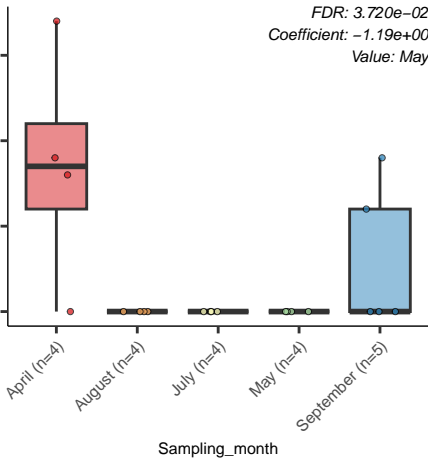
Weeksella.virosa

*FDR: 3.714e-02*  
*Coefficient: 8.67e-01*  
*Value: May*



gamma.proteobacterium.endosymbiont.of.Solemya.ve

FDR:  $3.720e-02$   
Coefficient:  $-1.19e+00$   
Value: May



Spiribacter.curvatus

*FDR: 3.738e-02*  
*Coefficient: -1.19e+00*  
*Value: August*

April (n=4)

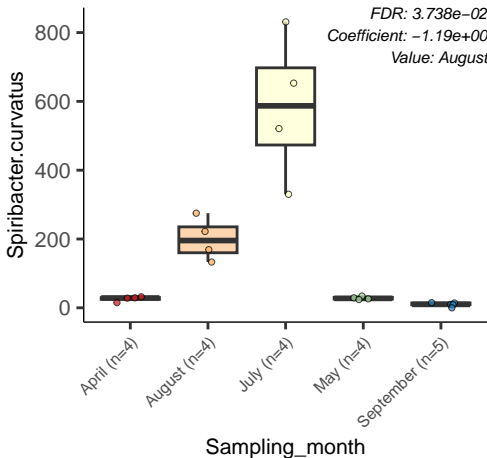
August (n=4)

July (n=4)

May (n=4)

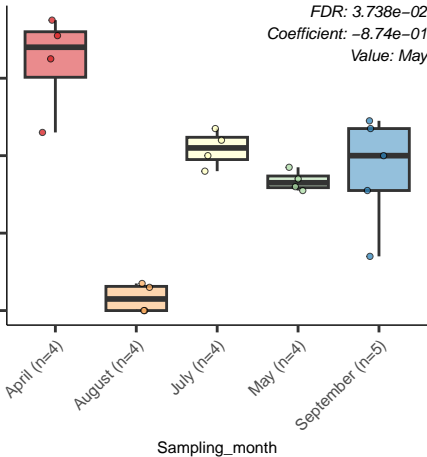
September (n=5)

Sampling\_month

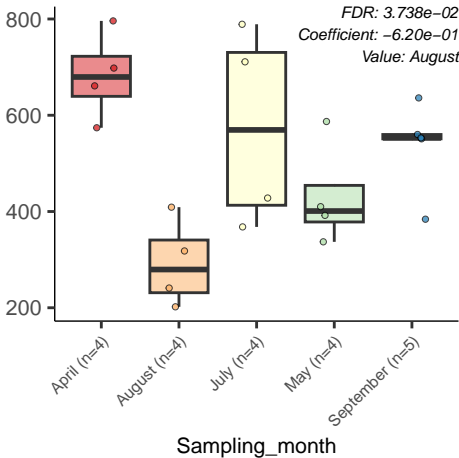


Microbulbifer.thermotolerans

*FDR: 3.738e-02*  
*Coefficient: -8.74e-01*  
*Value: May*

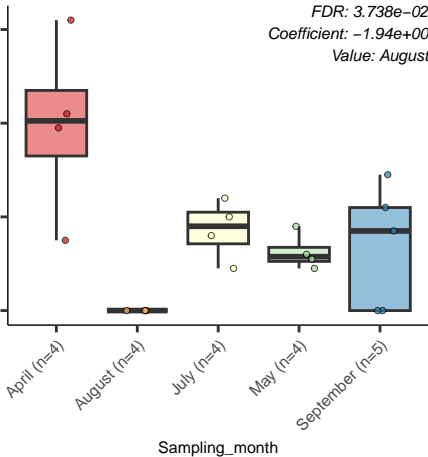


Defluviimonas.alba



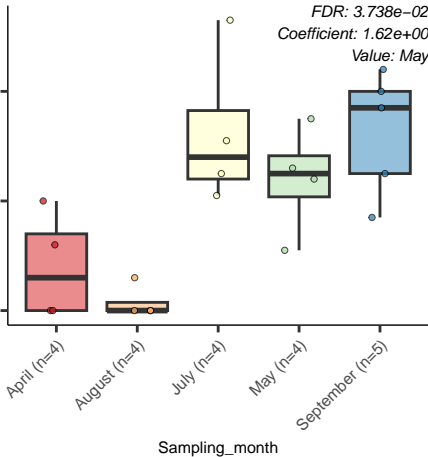
unidentified.bacterial.contaminant

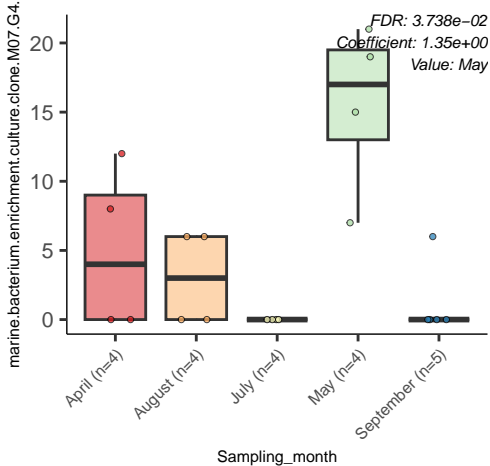
FDR:  $3.738e-02$   
Coefficient:  $-1.94e+00$   
Value: August



uncultured.bacterium.W5.47b

FDR:  $3.738e-02$   
Coefficient:  $1.62e+00$   
Value: May





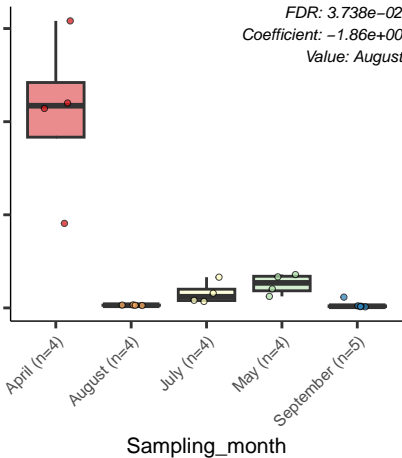


Winogradskyella.sp..PG.2

FDR: 3.738e-02

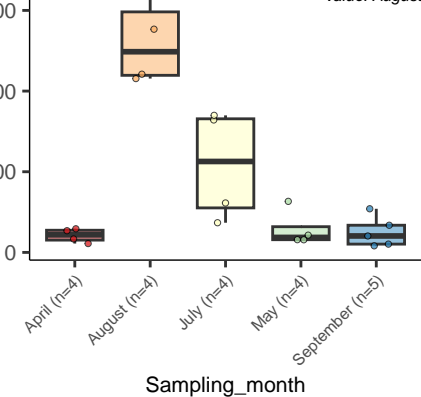
Coefficient: -1.86e+00

Value: August

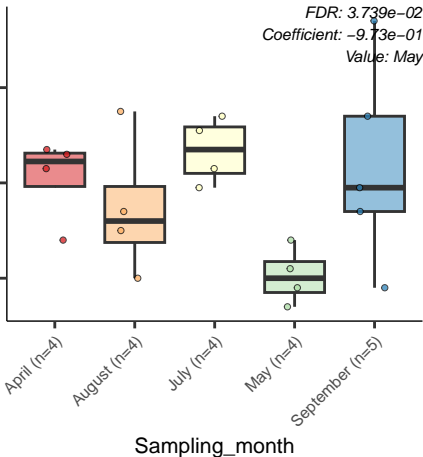


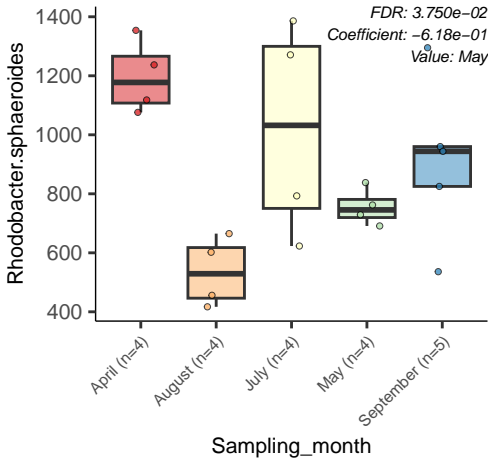
uncultured.archaeon

FDR: 3.738e-02  
Coefficient: 1.89e+00  
Value: August



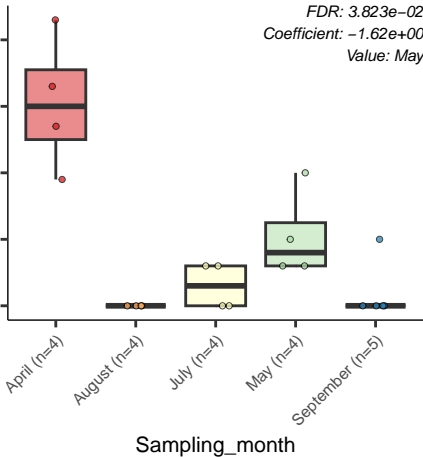
Methylobacterium.nodulans

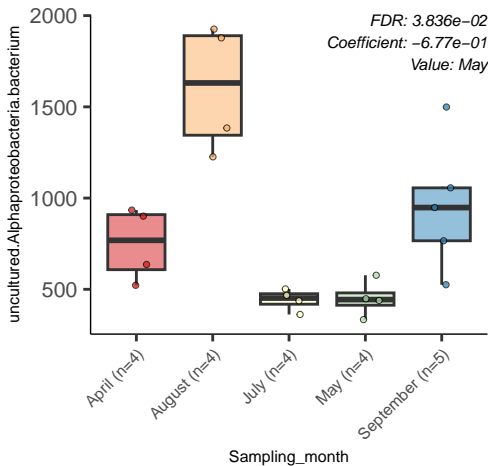




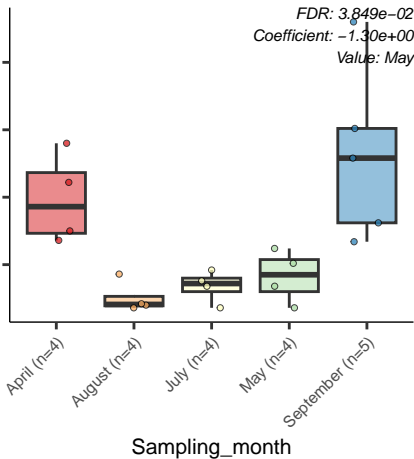
Lacinutrix.venerupis

FDR:  $3.823e-02$   
Coefficient:  $-1.62e+00$   
Value: May



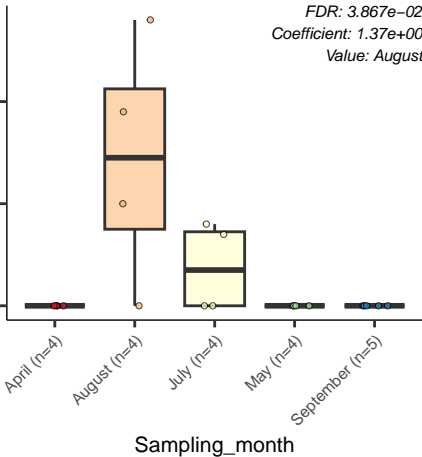


Rhodovulum.sp..SMB1



Halovirus.HRTV.8

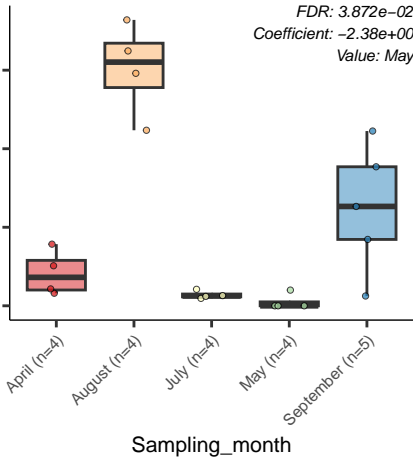
FDR:  $3.867e-02$   
Coefficient:  $1.37e+00$   
Value: August

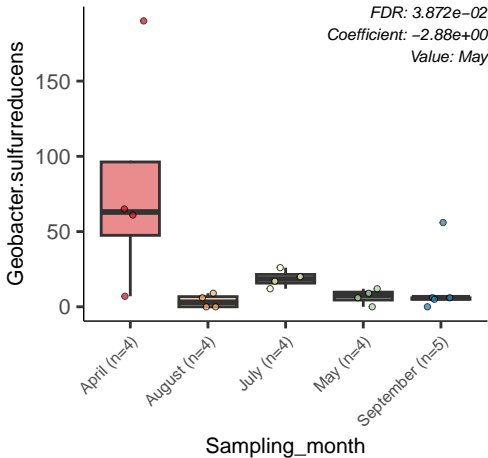




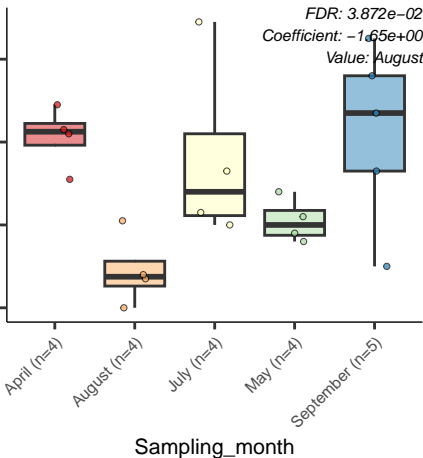
Rhodovibrio.sodomensis

FDR:  $3.872e-02$   
Coefficient:  $-2.38e+00$   
Value: May

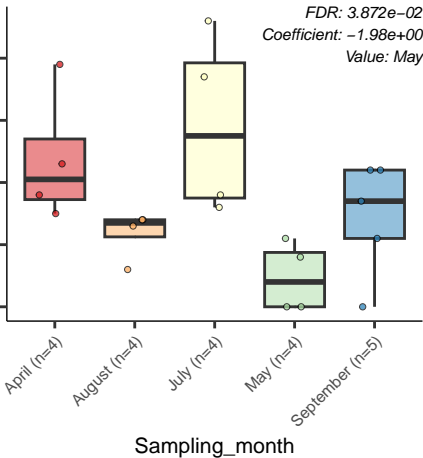




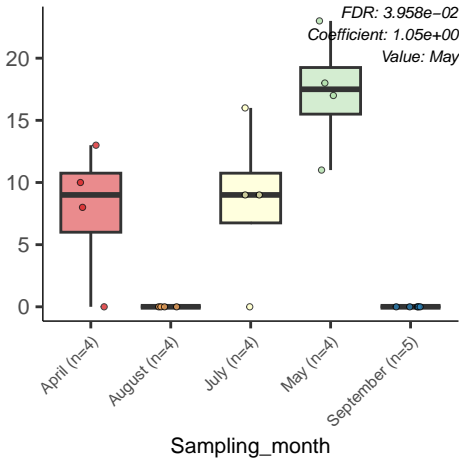
*Spirochaeta.africana*

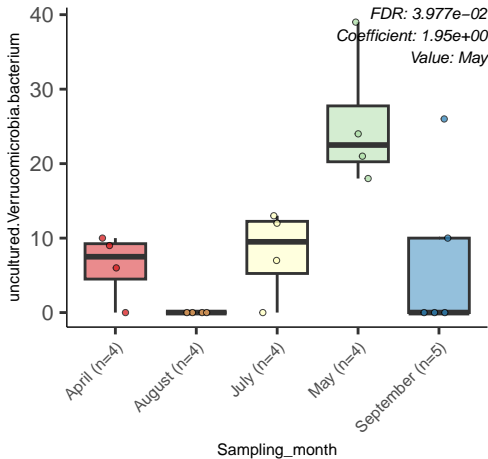


Bacillus.sp..X1.2014.



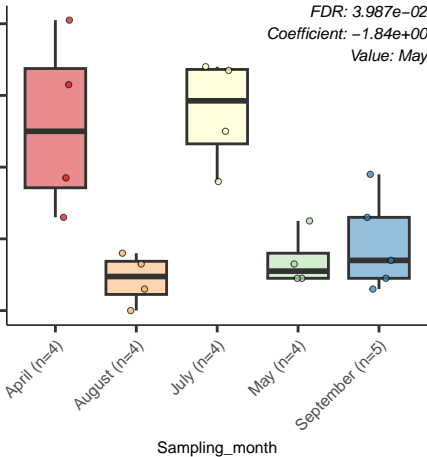
Minicystis.rosea





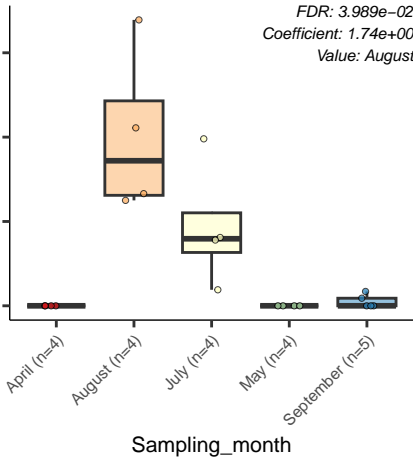
Marinobacter.psychrophilus

FDR:  $3.987e-02$   
Coefficient:  $-1.84e+00$   
Value: May

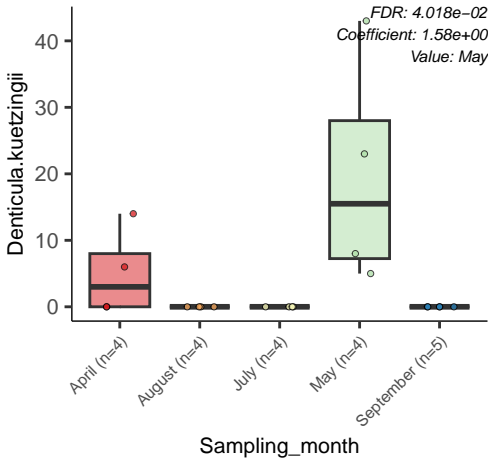


Halorubrum.saccharovorum

FDR: 3.989e-02  
Coefficient: 1.74e+00  
Value: August

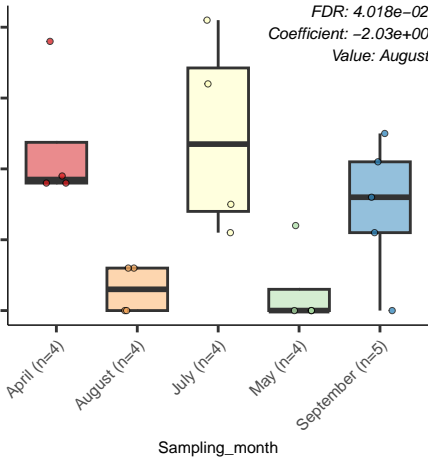




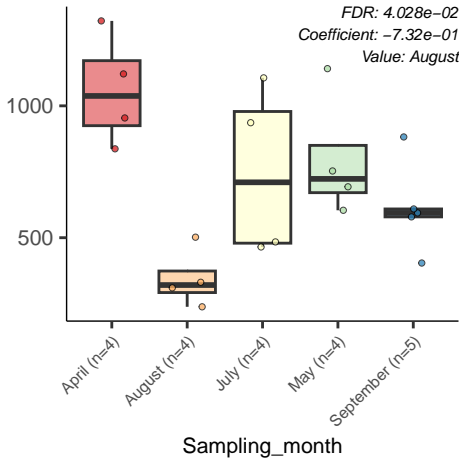


Catalinimonas.alkaloidigena

FDR:  $4.018e-02$   
Coefficient:  $-2.03e+00$   
Value: August

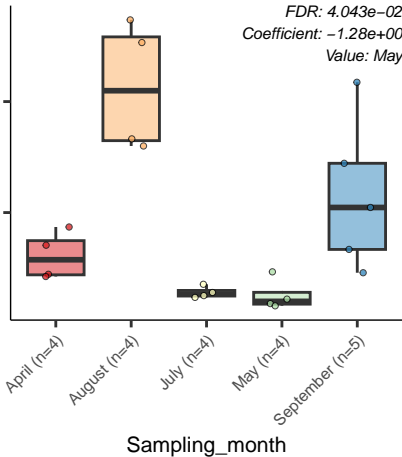


Paracoccus.sp..CBA4604



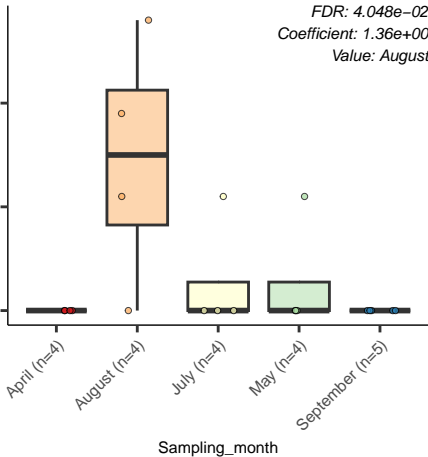
Tistrella.mobilis

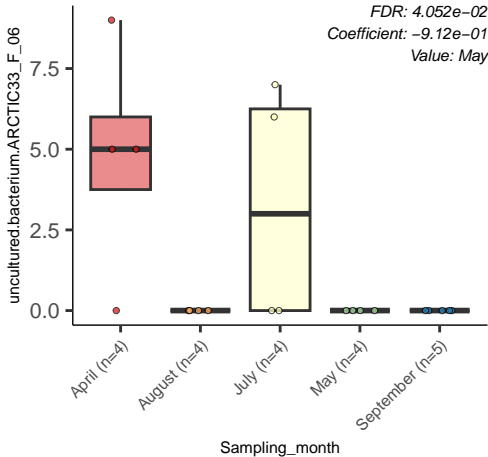
FDR:  $4.043e-02$   
Coefficient:  $-1.28e+00$   
Value: May



uncultured.Halanaerobium.sp.

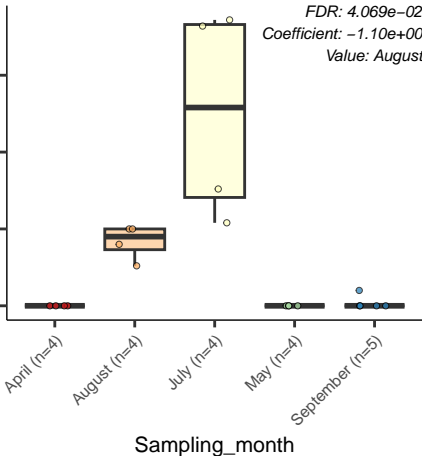
FDR:  $4.048e-02$   
Coefficient:  $1.36e+00$   
Value: August





Halohasta.litorea

FDR:  $4.069e-02$   
Coefficient:  $-1.10e+00$   
Value: August



Paracoccus.denitrificans

500  
400  
300  
200

April (n=4)

August (n=4)

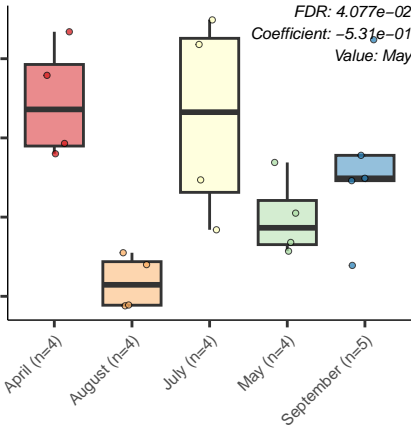
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

FDR:  $4.077e-02$   
Coefficient:  $-5.31e-01$   
Value: May





Sagittula.sp..P11

FDR:  $4.120e-02$   
Coefficient:  $-6.07e-01$   
Value: August

April (n=4)

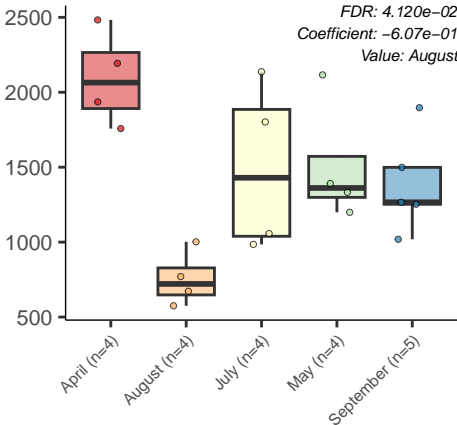
August (n=4)

July (n=4)

May (n=4)

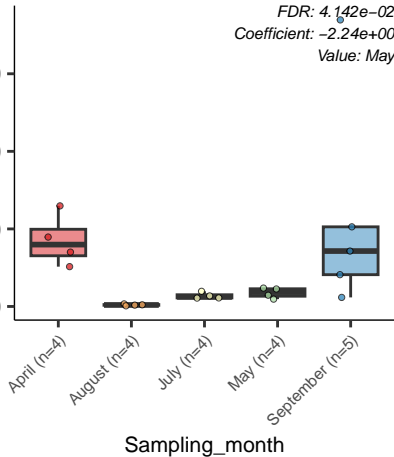
September (n=5)

Sampling\_month



Marivirga.tractuosa

FDR:  $4.142e-02$   
Coefficient:  $-2.24e+00$   
Value: May



Caulobacter.sp...JP68

100  
50  
0

April (n=4)

August (n=4)

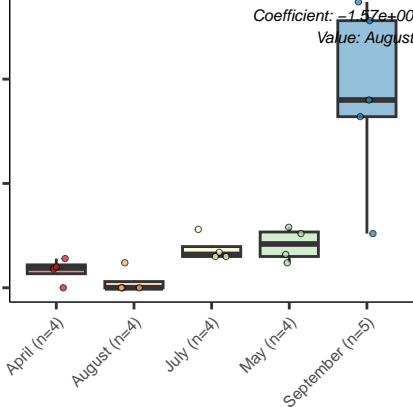
July (n=4)

May (n=4)

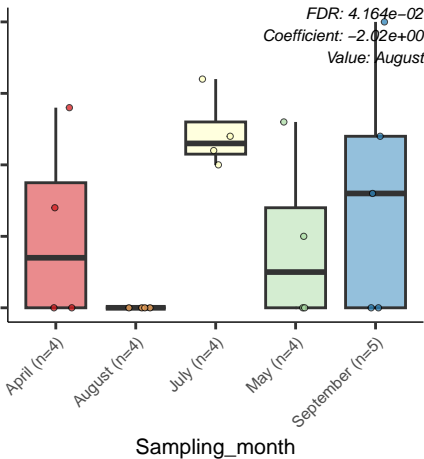
September (n=5)

Sampling\_month

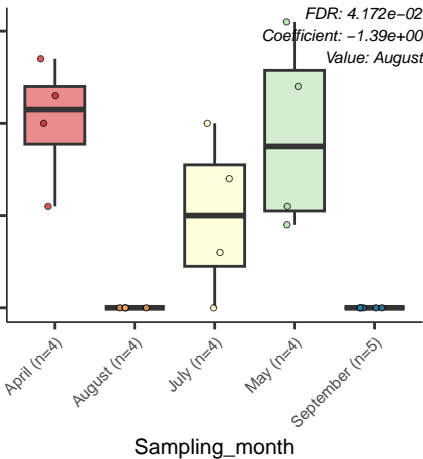
FDR:  $4.164 \times 10^{-2}$   
Coefficient:  $-1.57 \times 10^0$   
Value: August



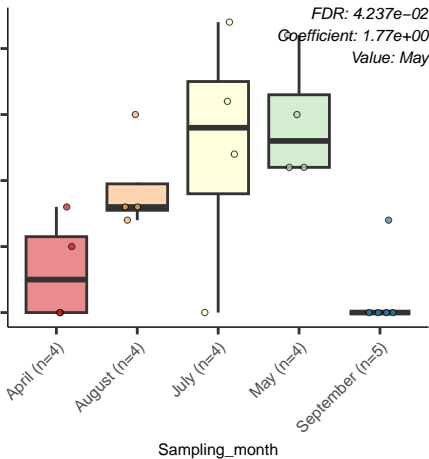
uncultured.Cytophaga.sp.



Flavivirga.eckloniae

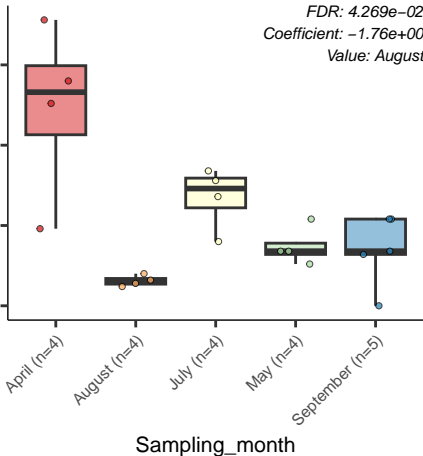


uncultured.bacterium.W5.51b



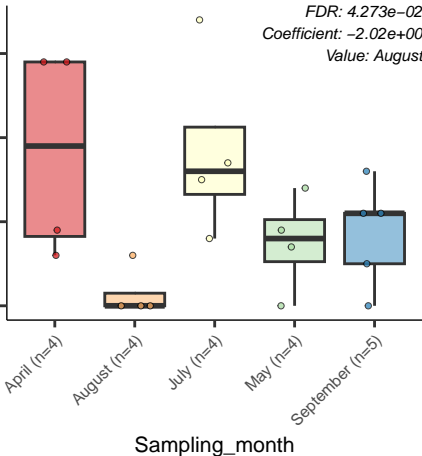
Dokdonella.koreensis

FDR:  $4.269e-02$   
Coefficient:  $-1.76e+00$   
Value: August



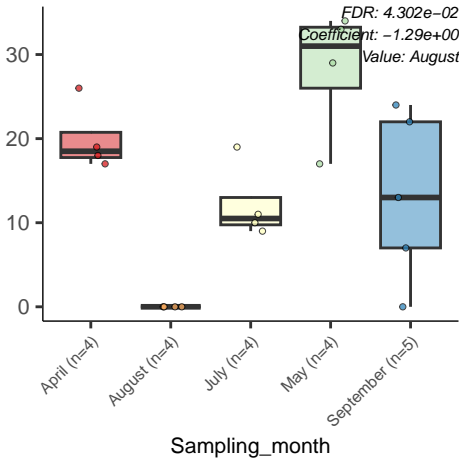
*Pseudomonas.salegens*

FDR: 4.273e-02  
Coefficient: -2.02e+00  
Value: August

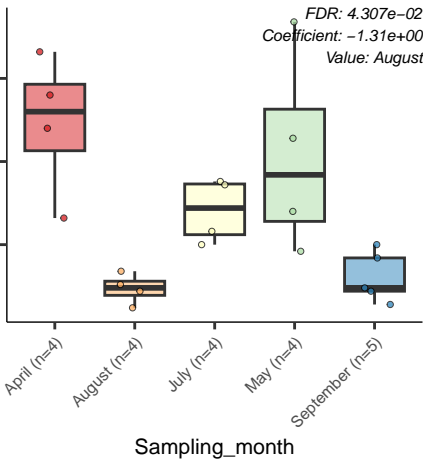




Cytophaga.hutchinsonii

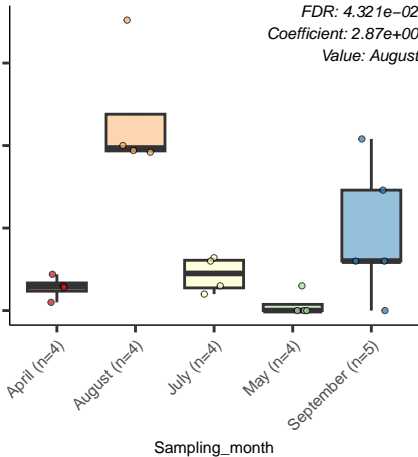


Belliella.baltica

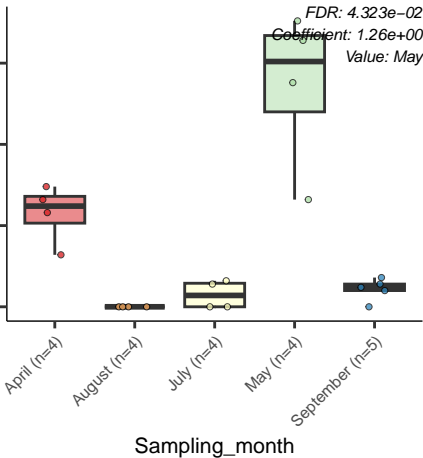


Ornithobacterium.rhinotracheale

FDR: 4.321e-02  
Coefficient: 2.87e+00  
Value: August

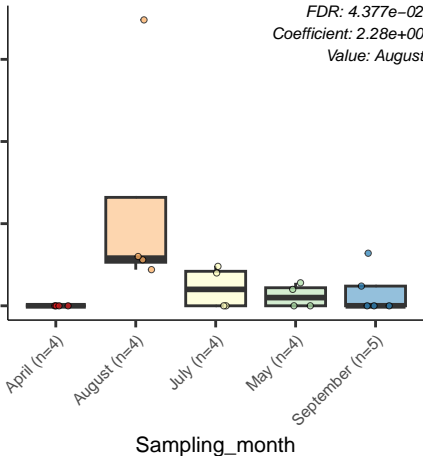


Asterionella.formosa



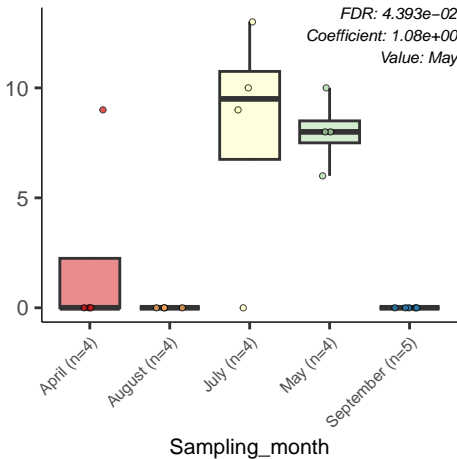
Haloarcula.vallismortis

FDR: 4.377e-02  
Coefficient: 2.28e+00  
Value: August



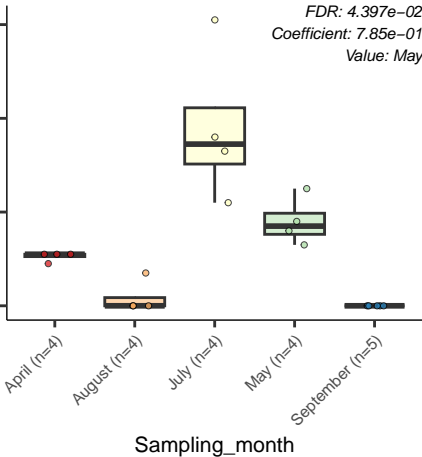
Brucella.sp..10RB9215

FDR: 4.393e-02  
Coefficient: 1.08e+00  
Value: May



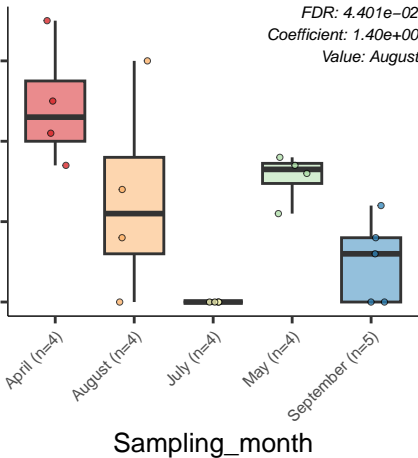
Lutibacter.profundii

FDR: 4.397e-02  
Coefficient: 7.85e-01  
Value: May



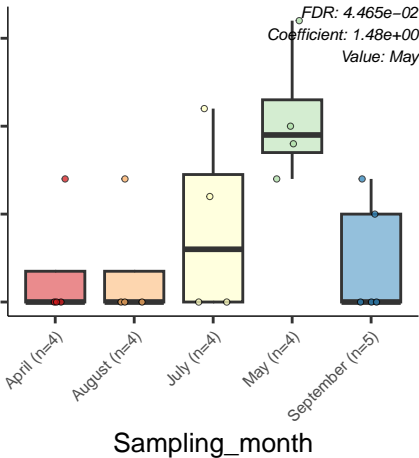
uncultured.alga

FDR: 4.401e-02  
Coefficient: 1.40e+00  
Value: August

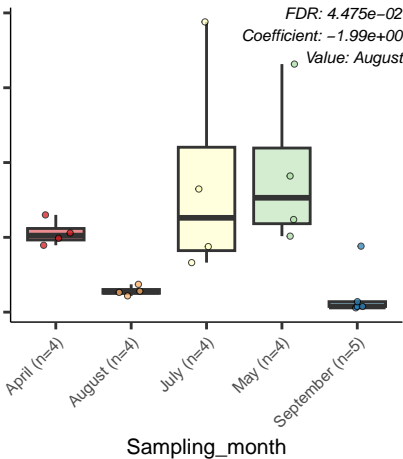




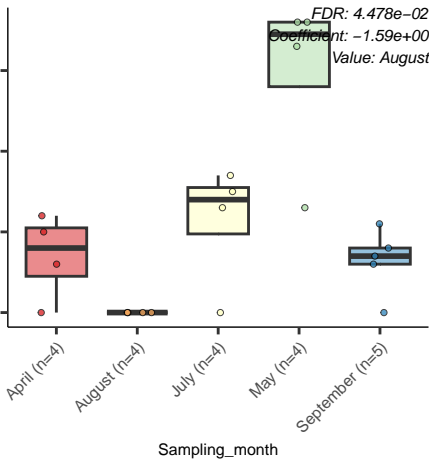
Gimesia.maris



Maribacter.cobaltidurans



uncultured.bacterium.Ak20.3



Haloferax.volcanii

FDR: 4.480e-02  
Coefficient: 1.94e+00  
Value: August

April (n=4)

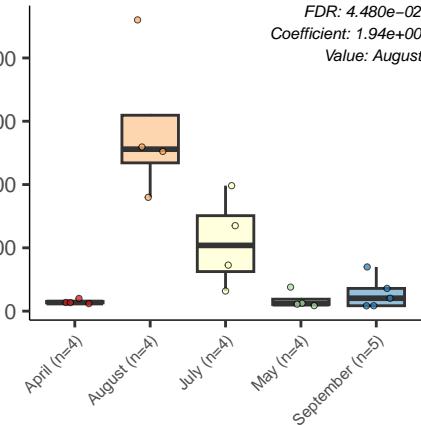
August (n=4)

July (n=4)

May (n=4)

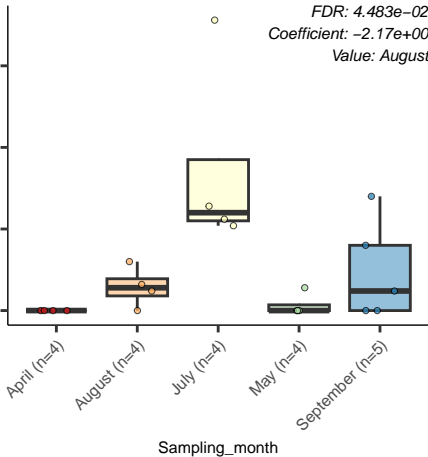
September (n=5)

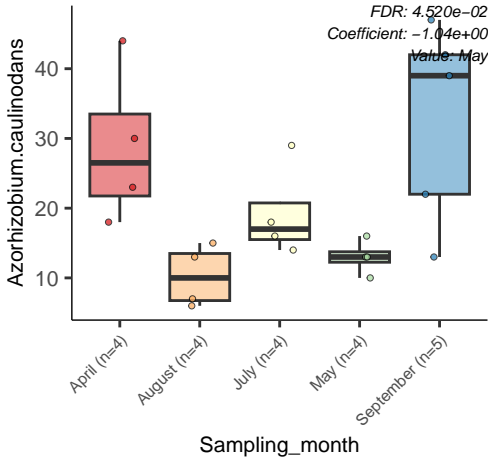
Sampling\_month



Prosthecochloris.sp., HL, 130.GSB

FDR:  $4.483e-02$   
Coefficient:  $-2.17e+00$   
Value: August





Methylocella.silvestris

FDR:  $4.526e-02$   
Coefficient:  $-1.65e+00$   
Value: May

20

10

0

April (n=4)

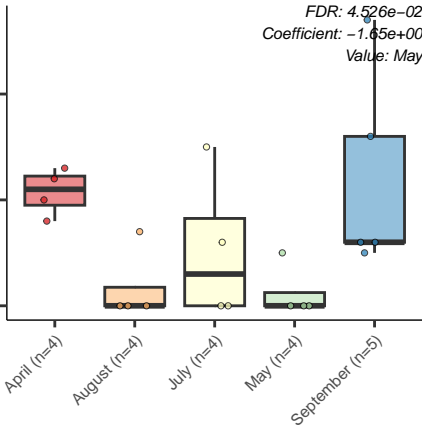
August (n=4)

July (n=4)

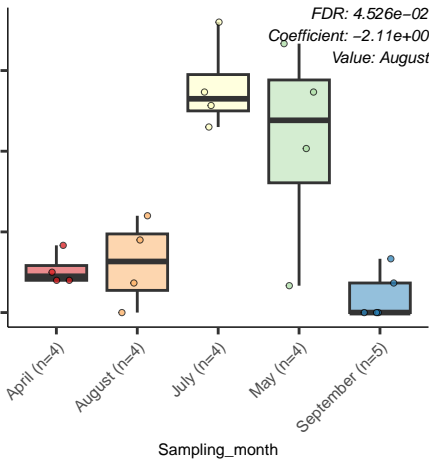
May (n=4)

September (n=5)

Sampling\_month



Desulfuromonas.soudanensis





Sphingomonas.panacis

FDR: 4.587e-02

Coefficient: -1.37e+00

Value: August

10

5

0

April (n=4)

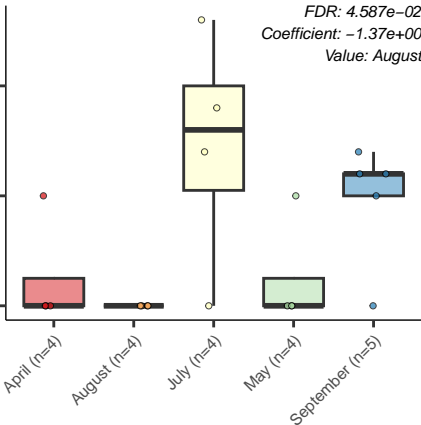
August (n=4)

July (n=4)

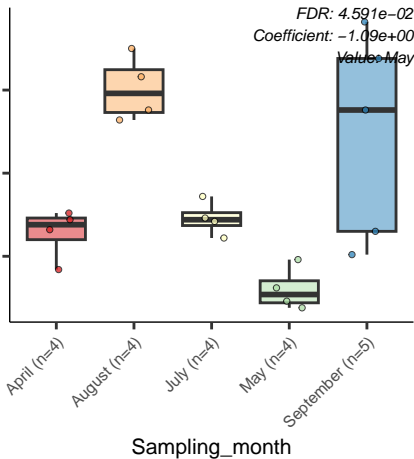
May (n=4)

September (n=5)

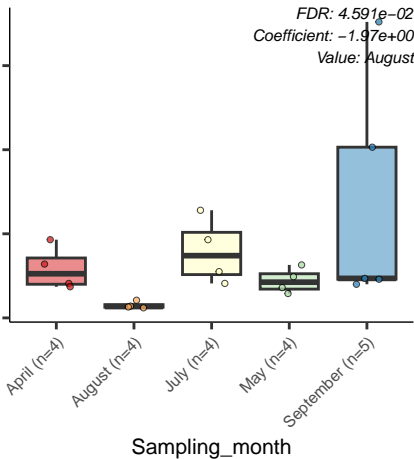
Sampling\_month



Azospirillum.thiophilum

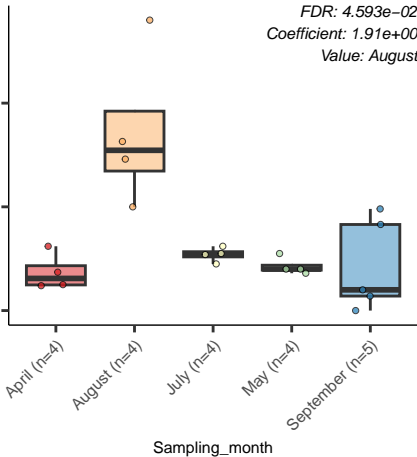


Psychroflexus.torquis



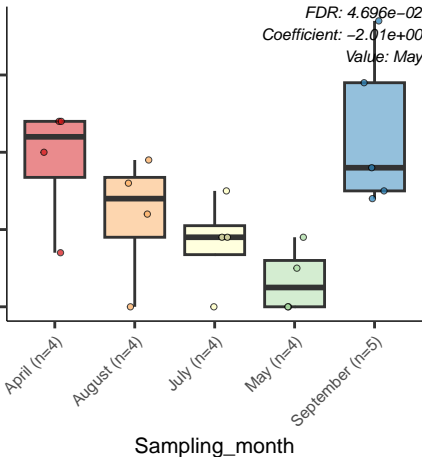
Rhodothermaceae.bacterium.RA

FDR: 4.593e-02  
Coefficient: 1.91e+00  
Value: August

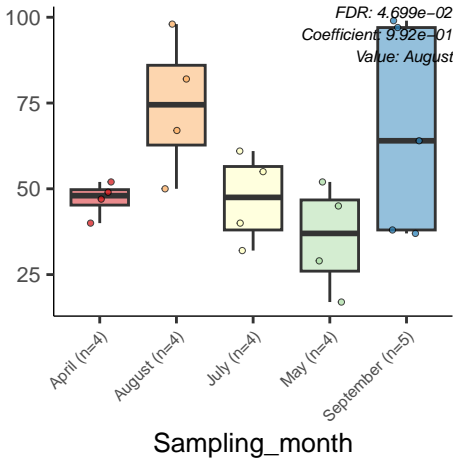


Sphingomonas.taxi

FDR:  $4.696e-02$   
Coefficient:  $-2.01e+00$   
Value: May



Bosea.sp..RAC05



Haloarcula.marismortui

FDR: 4.713e-02  
Coefficient: 2.80e+00  
Value: May

15000

10000

5000

0

April (n=4)

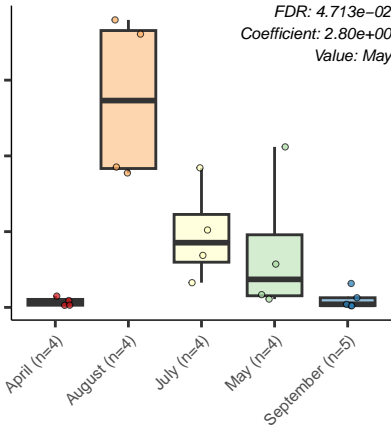
August (n=4)

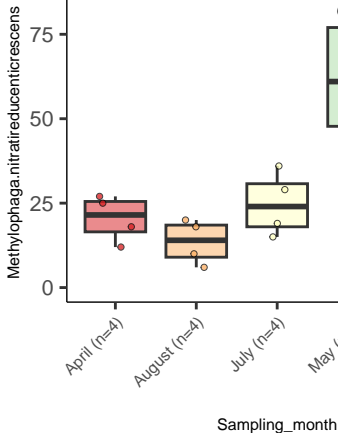
July (n=4)

May (n=4)

September (n=5)

Sampling\_month

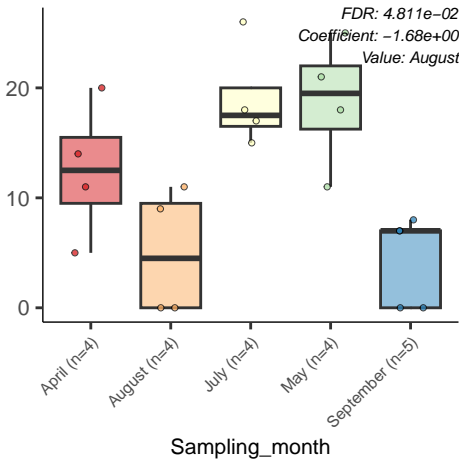




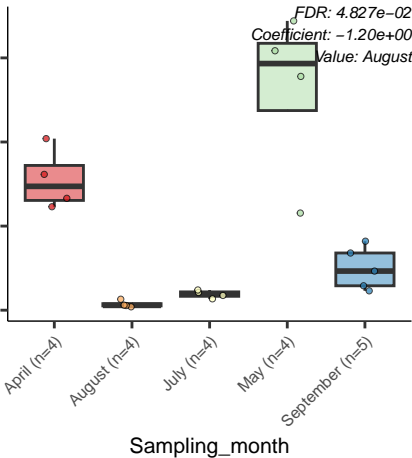
FDR: 4.766e-02  
Coefficient: 1.70e+00  
Value: May



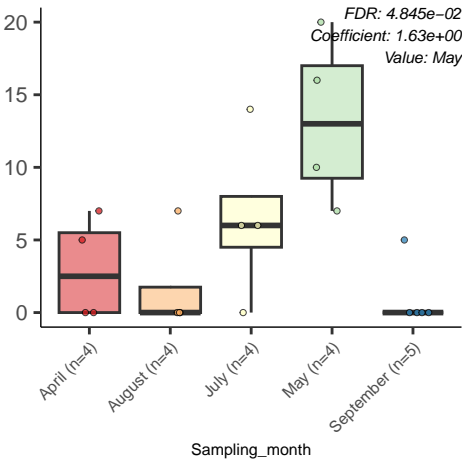
Aureimonas.sp..AU12



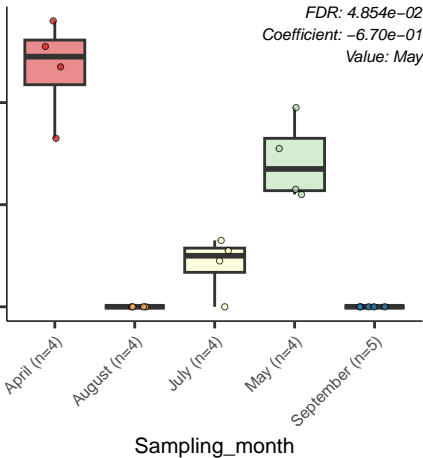
uncultured.eukaryote



uncultured.bacterium.AD254.A9



Tamlana.sp..UJ94



Pontibacter.korlensis

20

10

0

April (n=4)

August (n=4)

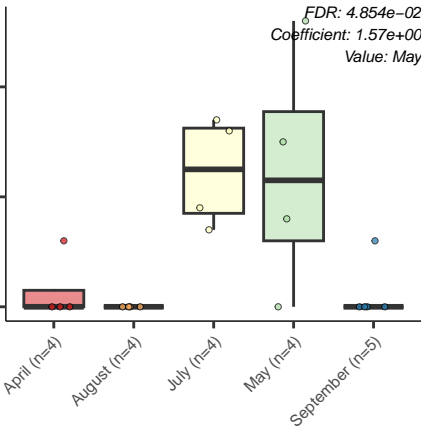
July (n=4)

May (n=4)

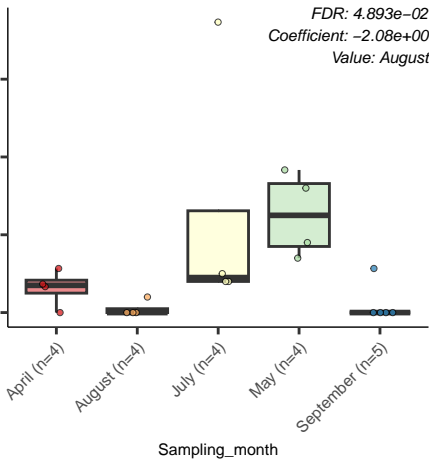
September (n=5)

Sampling\_month

FDR:  $4.854e-02$   
Coefficient:  $1.57e+00$   
Value: May

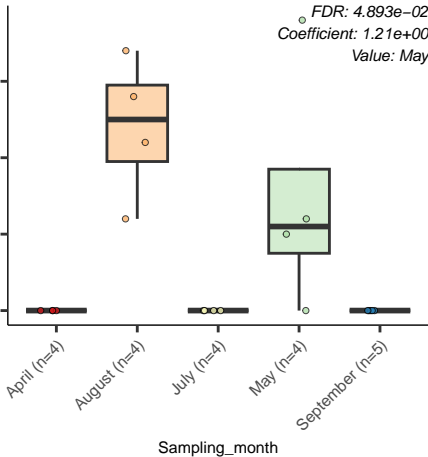


uncultured.Gemmatimonadales.bacterium.HF4000\_15

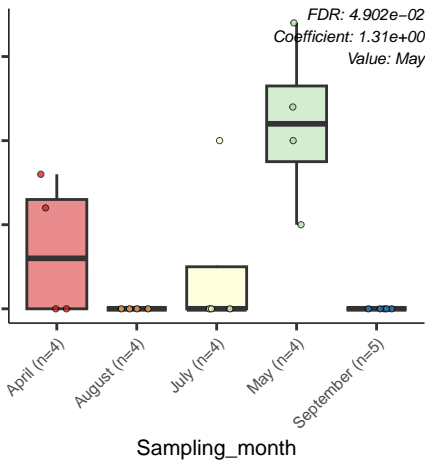


environmental.Halophage.eHP.10

FDR: 4.893e-02  
Coefficient: 1.21e+00  
Value: May



Xanthomonas.vesicatoria



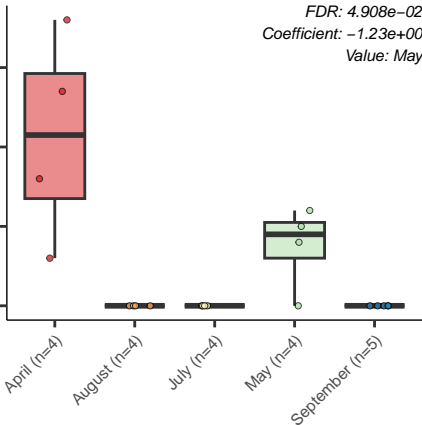


Prymnesium.parvum

FDR: 4.908e-02

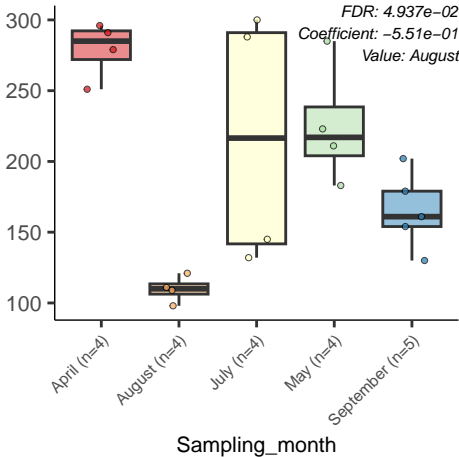
Coefficient: -1.23e+00

Value: May



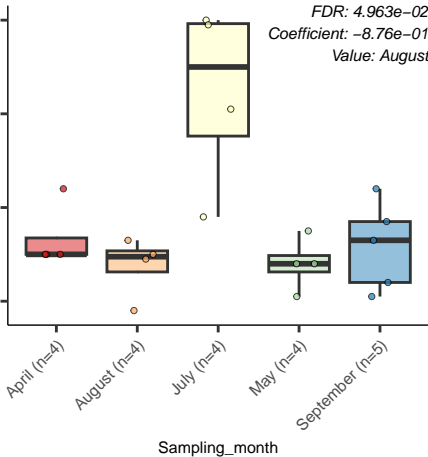
Sampling\_month

Rhodobacter.capsulatus



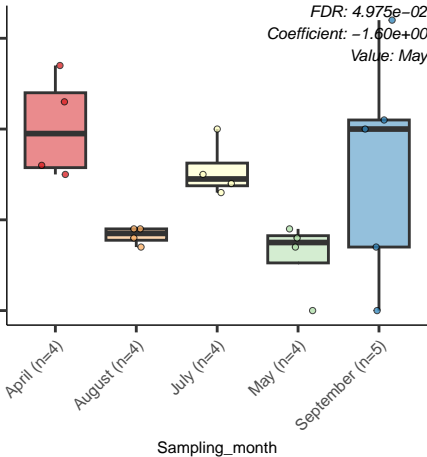
Altererythrobacter.marensis

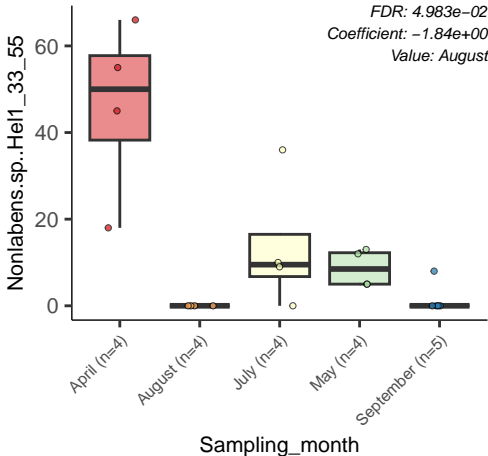
FDR:  $4.963e-02$   
Coefficient:  $-8.76e-01$   
Value: August



Spingomonas.sanxanigenens

*FDR: 4.975e-02*  
*Coefficient: -1.60e+00*  
*Value: May*





Magnetospira.sp..QH.2

FDR:  $4.997e-02$   
Coefficient:  $-7.41e-01$   
Value: May

