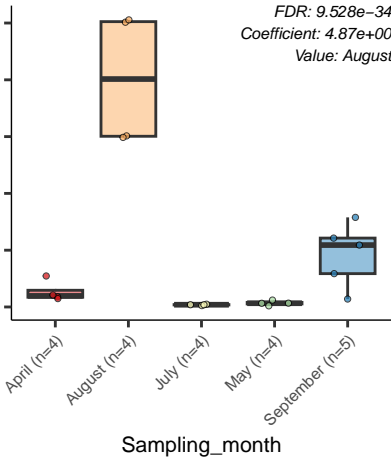
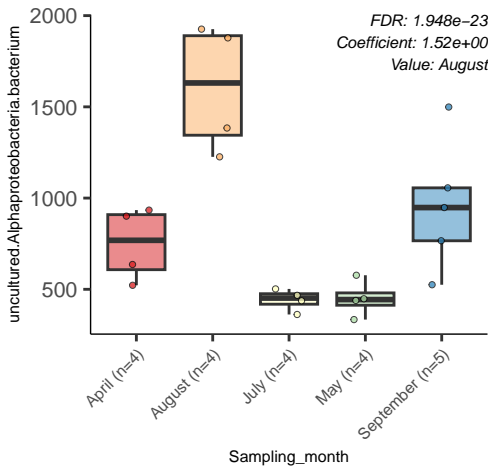


Halothece.sp..PCC.7418

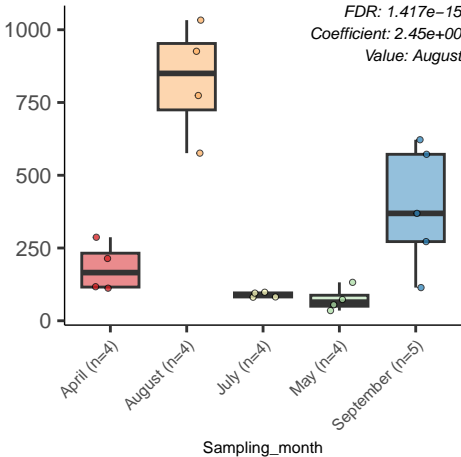
FDR: 9.528e-34
Coefficient: 4.87e+00
Value: August



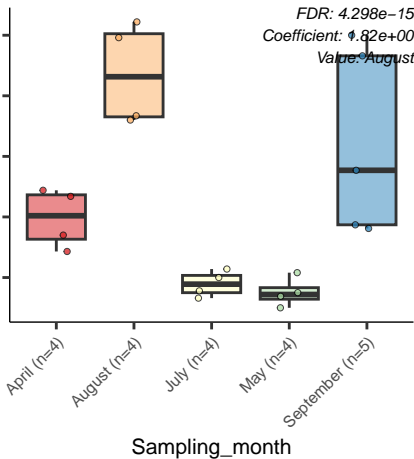


uncultured.alpha.proteobacterium.EF100_102A06

FDR: $1.417e-15$
Coefficient: $2.45e+00$
Value: August

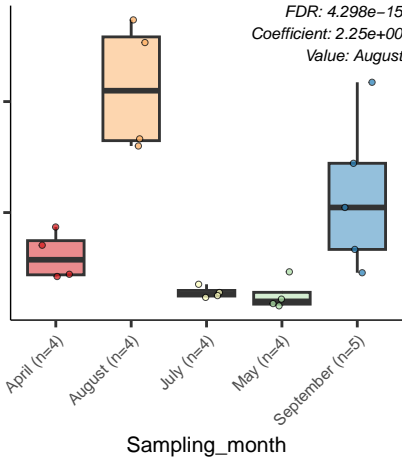


Methylorubrum.populi



Tistrella.mobilis

FDR: 4.298e-15
Coefficient: 2.25e+00
Value: August



Pseudo.nitzschia.multiseris

600

400

200

0

April (n=4)

August (n=4)

July (n=4)

May (n=4)

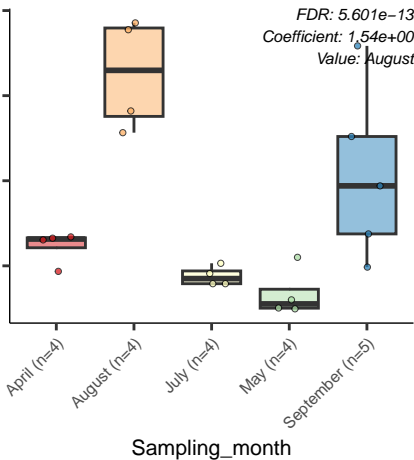
September (n=5)

Sampling_month

FDR: $6.807e-14$
Coefficient: $1.09e+00$
Value: May



Azospirillum.brasilense

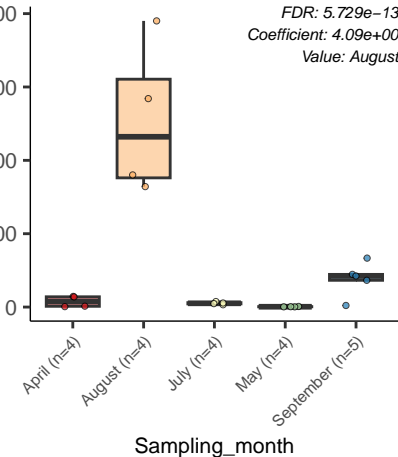


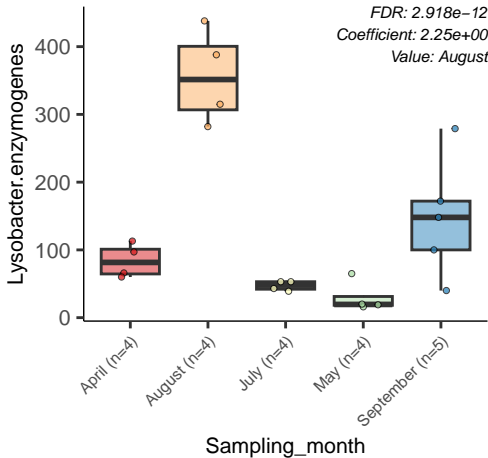
Dactylococcopsis.salina

FDR: 5.729e-13

Coefficient: 4.09e+00

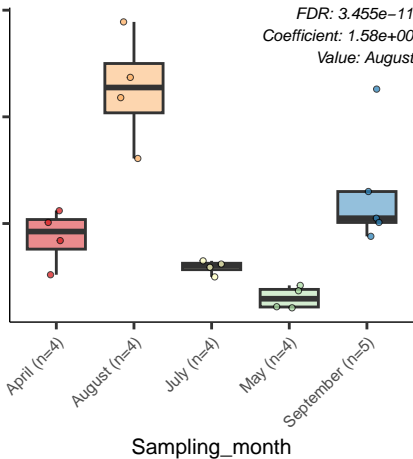
Value: August

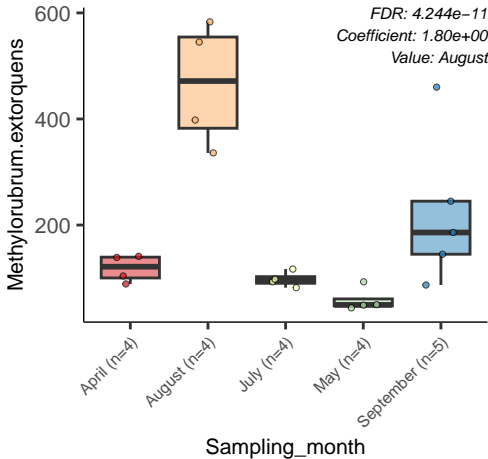




Azospirillum.lipoferum

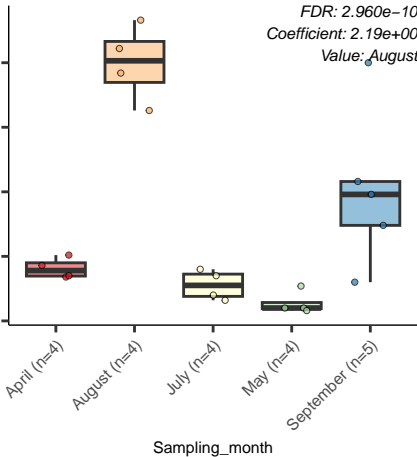
FDR: 3.455e-11
Coefficient: 1.58e+00
Value: August





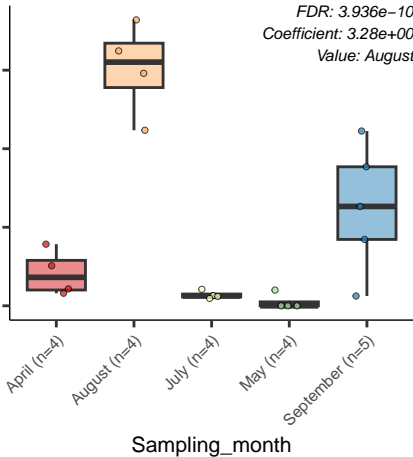
Gluconacetobacter.diazotrophicus

FDR: 2.960e-10
Coefficient: 2.19e+00
Value: August

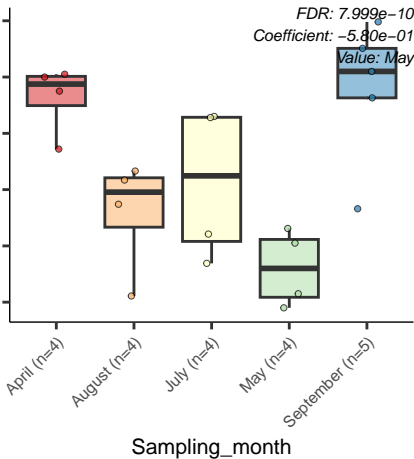


Rhodovibrio.sodomensis

FDR: $3.936e-10$
Coefficient: $3.28e+00$
Value: August



Polymorphum.gilvum



Rhizobiales.bacterium.NRL2

4000

3000

2000

1000

April (n=4)

August (n=4)

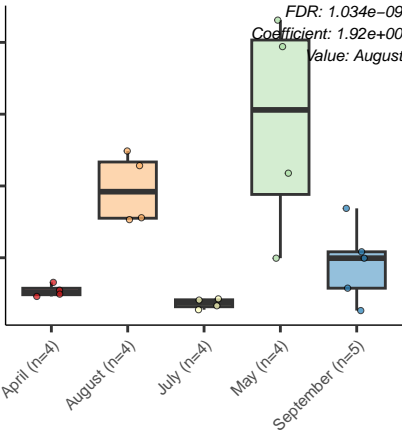
July (n=4)

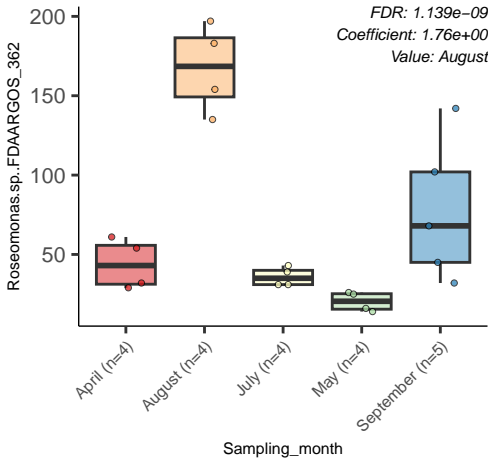
May (n=4)

September (n=5)

Sampling_month

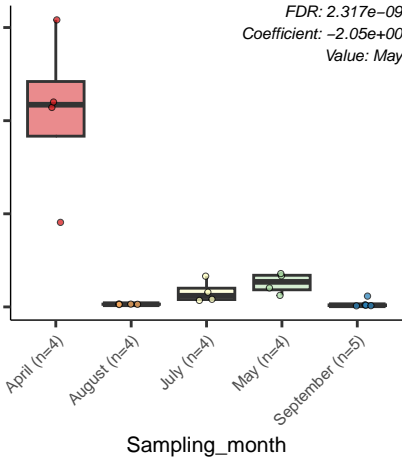
FDR: 1.034e-09
Coefficient: 1.92e+00
Value: August





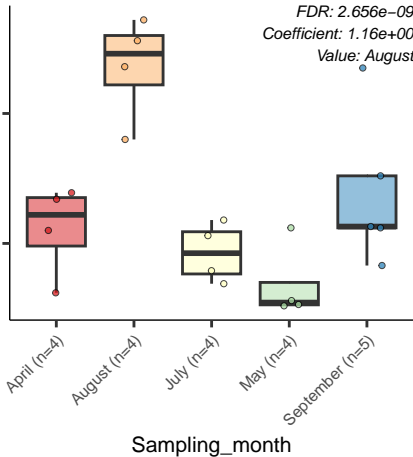
Winogradskyella.sp..PG.2

FDR: 2.317e-09
Coefficient: -2.05e+00
Value: May



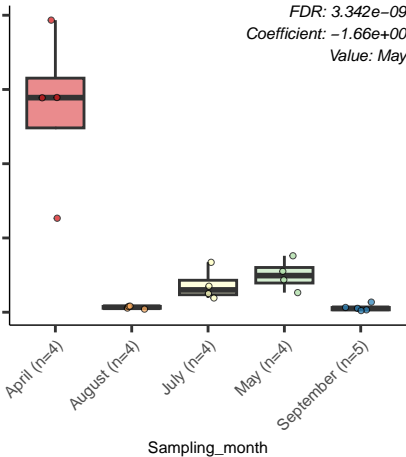
Spingomonas.wittichii

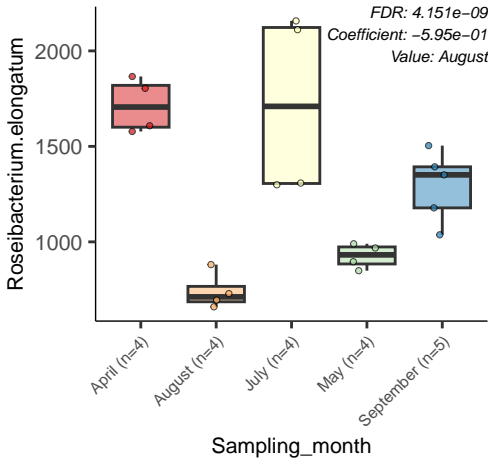
FDR: 2.656e-09
Coefficient: 1.16e+00
Value: August

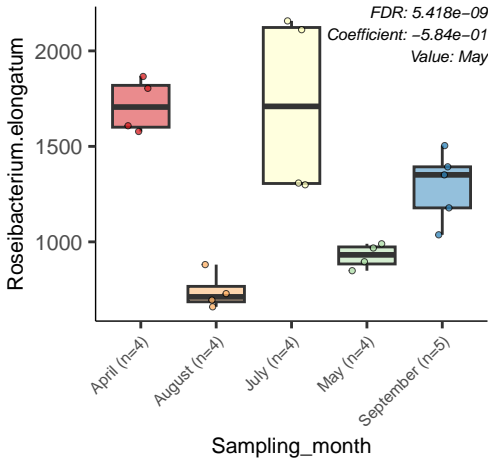


Winogradskyella.sp..RHA_55

FDR: $3.342e-09$
Coefficient: $-1.66e+00$
Value: May

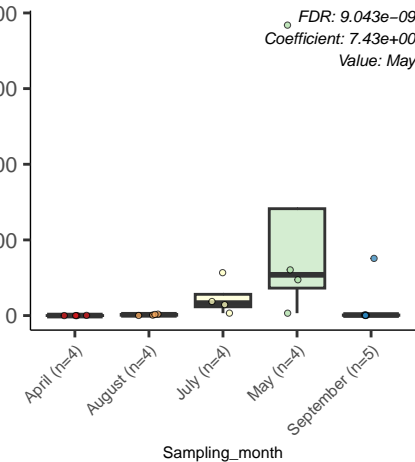






Vibrio.diabolicus.subgroup

FDR: $9.043e-09$
Coefficient: $7.43e+00$
Value: May



Vibrio.antiquarius

FDR: $9.043e-09$
Coefficient: $7.43e+00$
Value: May

April (n=4)

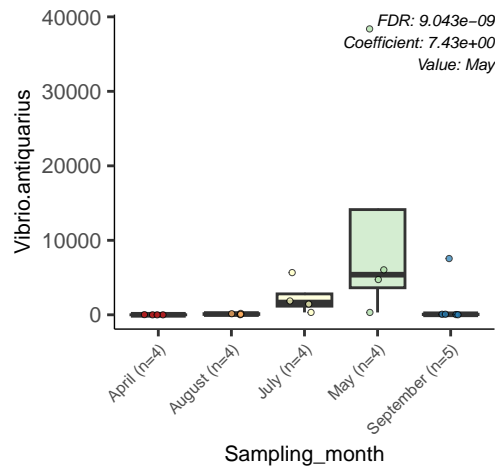
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month

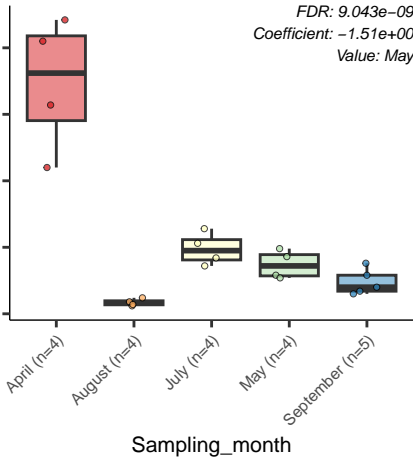


Lutibacter.sp..LPB0138

FDR: $9.043e-09$

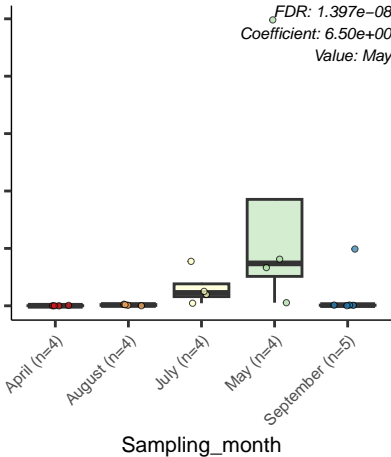
Coefficient: $-1.51e+00$

Value: May



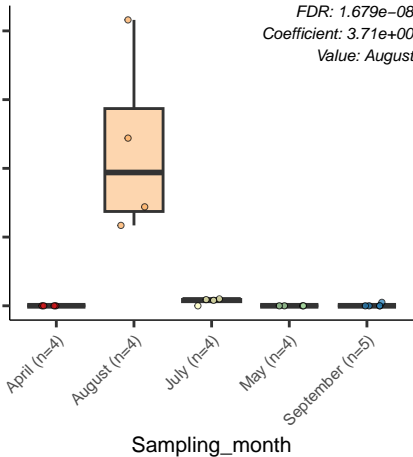
Vibrio.harveyi.group

FDR: 1.397×10^{-8}
Coefficient: 6.50×10^0
Value: May



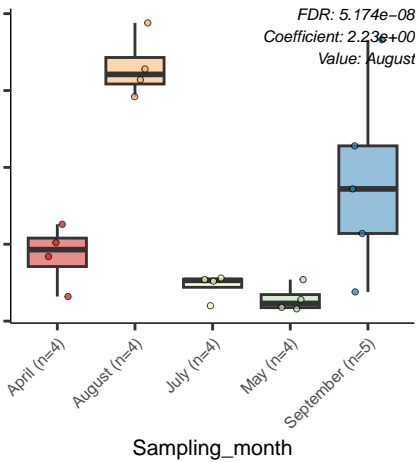
Halovirus.HRTV.7

FDR: 1.679e-08
Coefficient: 3.71e+00
Value: August



Caulobacter.vibrioides

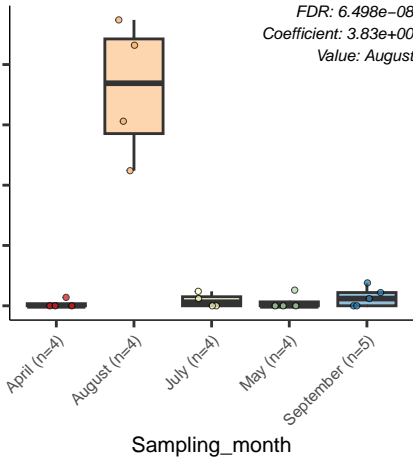
FDR: 5.174e-08
Coefficient: 2.23e+00
Value: August



Sampling_month

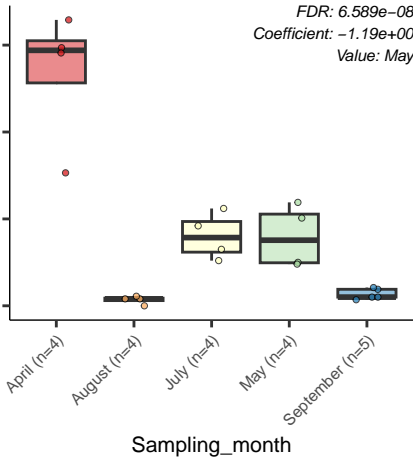
Halovirus.HHTV.1

FDR: 6.498e-08
Coefficient: 3.83e+00
Value: August

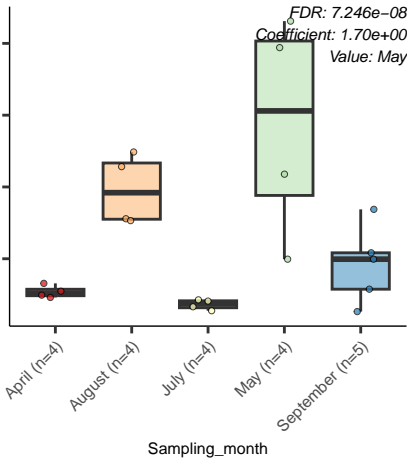


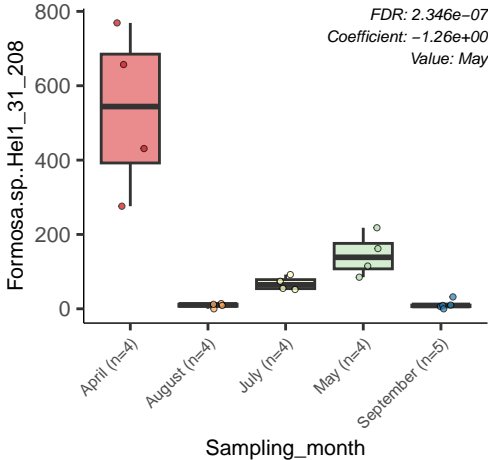
Winogradskyella.sp..PC.19

FDR: $6.589e-08$
Coefficient: $-1.19e+00$
Value: May



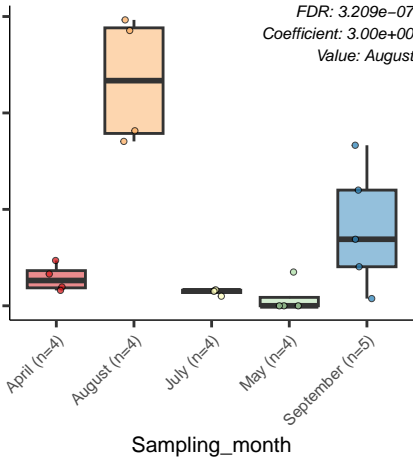
Rhizobiales.bacterium.NRL2





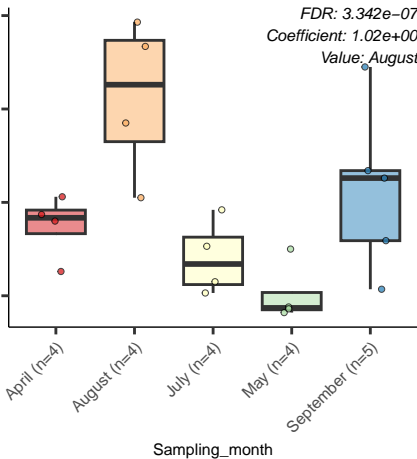
Bradyrhizobium.jicamiae

FDR: 3.209e-07
Coefficient: 3.00e+00
Value: August



Rhodopseudomonas.palustris

FDR: 3.342e-07
Coefficient: 1.02e+00
Value: August

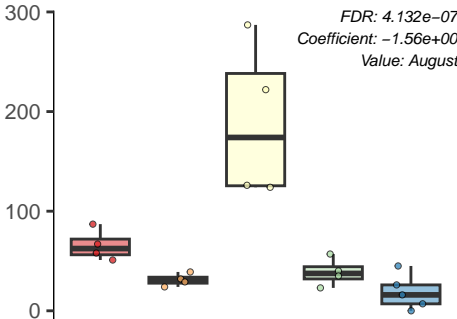


Muricauda.lutaonensis

FDR: $4.132e-07$
Coefficient: $-1.56e+00$
Value: August

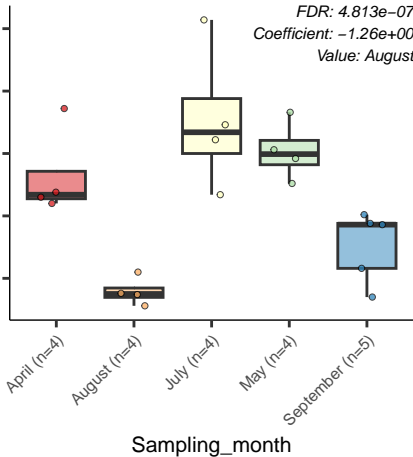
April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

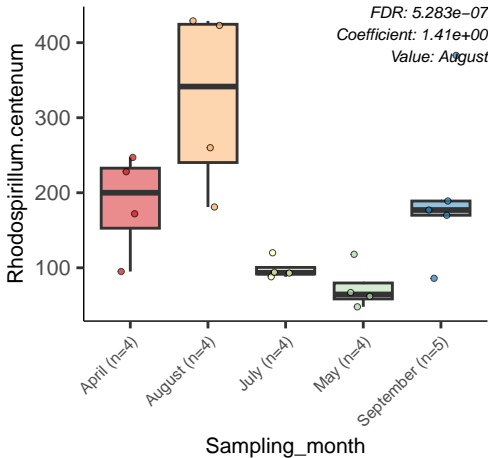
Sampling_month



Saprospira.grandis

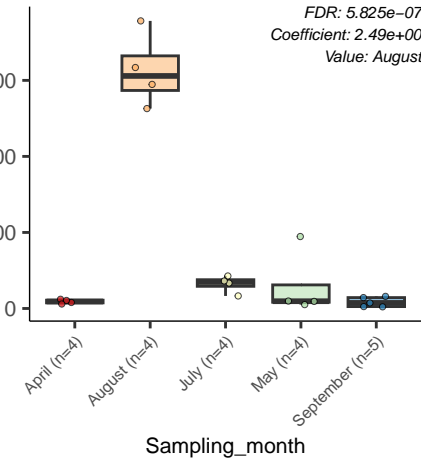
FDR: $4.813e-07$
Coefficient: $-1.26e+00$
Value: August

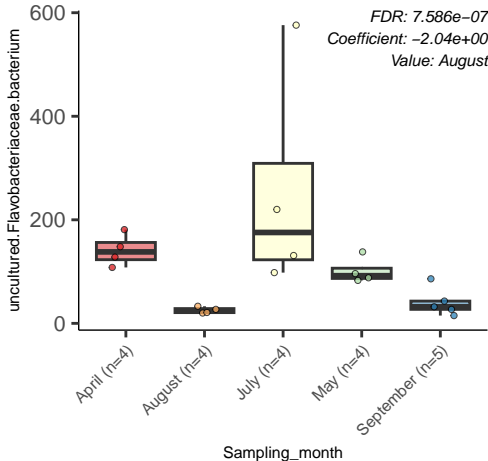




Halorhabdus.utahensis

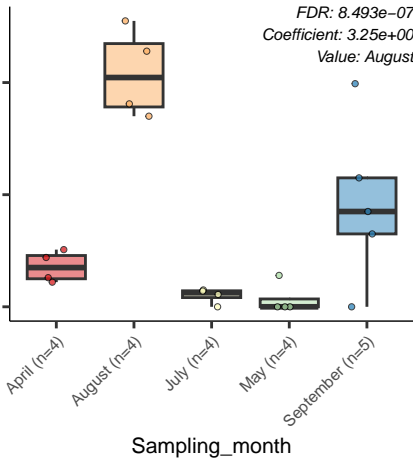
FDR: 5.825e-07
Coefficient: 2.49e+00
Value: August



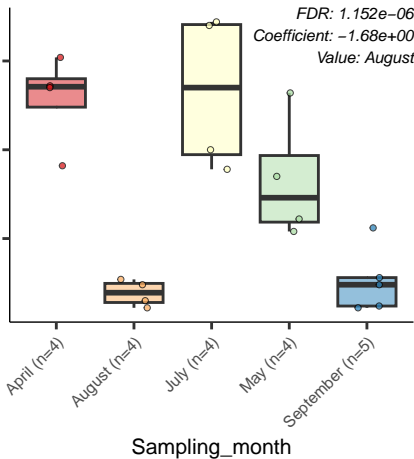


Rhodovibrio.sp..R504

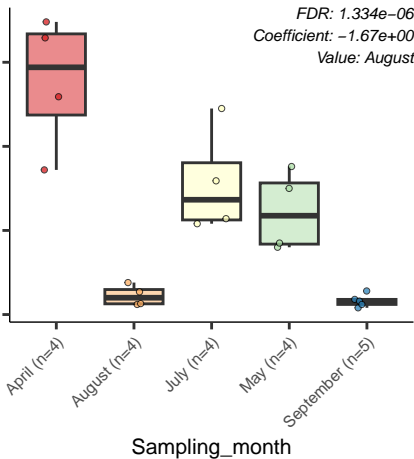
FDR: $8.493e-07$
Coefficient: $3.25e+00$
Value: August



Arenibacter.algicola



Winogradskyella.sp..J14.2



Erythrobacter.litoralis

6000

4000

2000

April (n=4)

August (n=4)

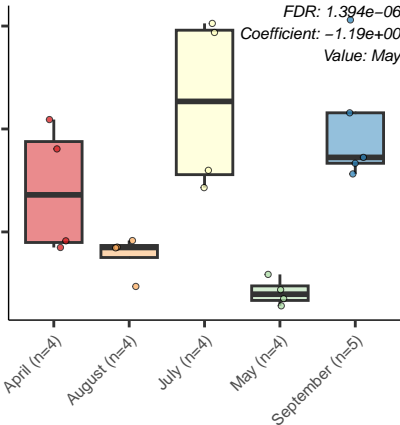
July (n=4)

May (n=4)

September (n=5)

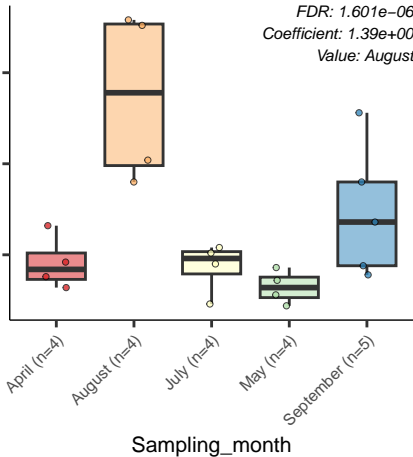
Sampling_month

FDR: $1.394e-06$
Coefficient: $-1.19e+00$
Value: May



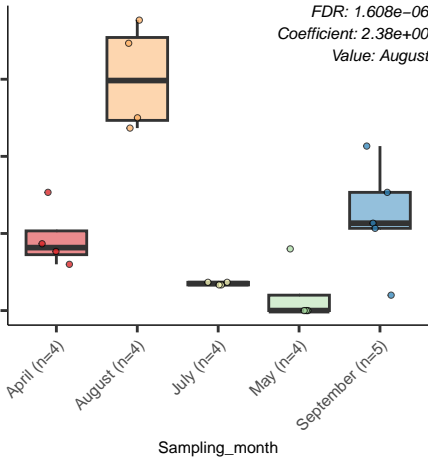
Caulobacter.mirabilis

FDR: 1.601e-06
Coefficient: 1.39e+00
Value: August



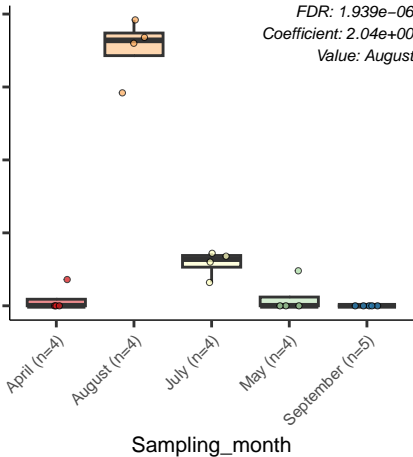
Herbaspirillum.frisingense

FDR: 1.608e-06
Coefficient: 2.38e+00
Value: August



Halococcus.morruhae

FDR: 1.939e-06
Coefficient: 2.04e+00
Value: August



Haliscomenobacter.hydrossis

FDR: 2.000e-06
Coefficient: -1.40e+00
Value: August

April (n=4)

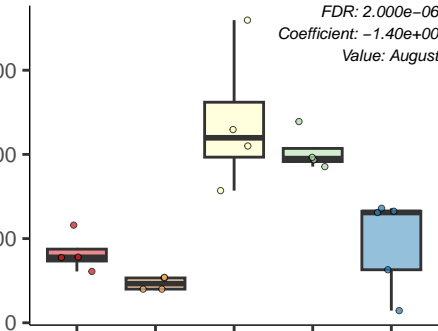
August (n=4)

July (n=4)

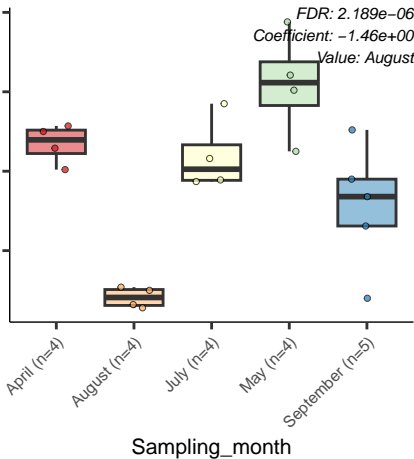
May (n=4)

September (n=5)

Sampling_month

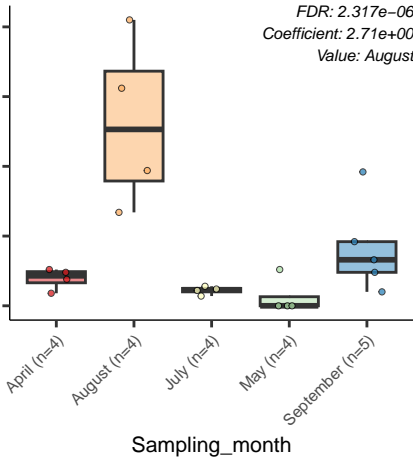


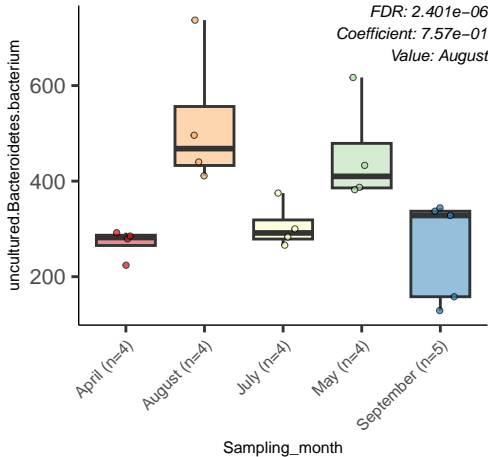
Congregibacter.litoralis



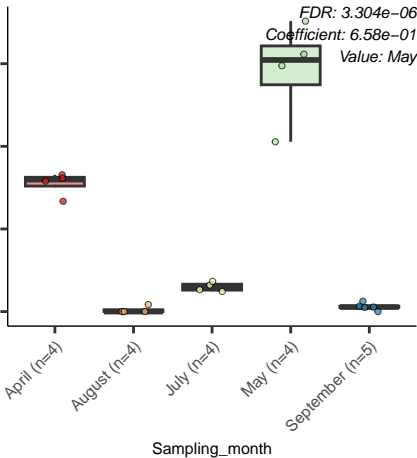
Vogesella.sp..LIG4

FDR: 2.317e-06
Coefficient: 2.71e+00
Value: August



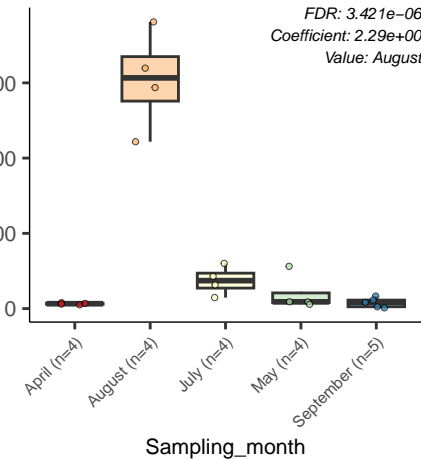


Kryptoperidinium.foliaceum



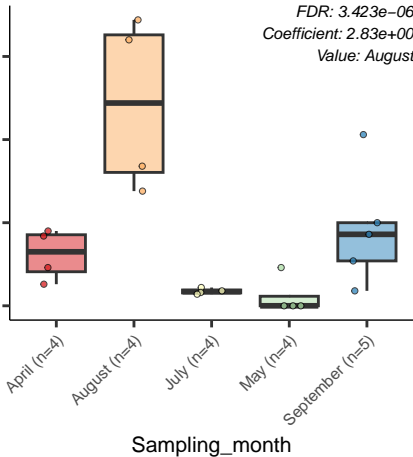
Halorhabdus.tiamatea

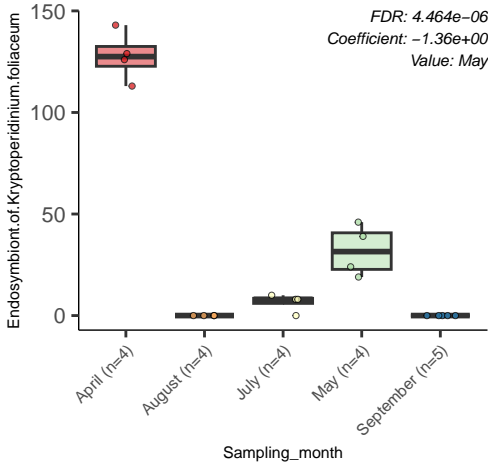
FDR: $3.421e-06$
Coefficient: $2.29e+00$
Value: August

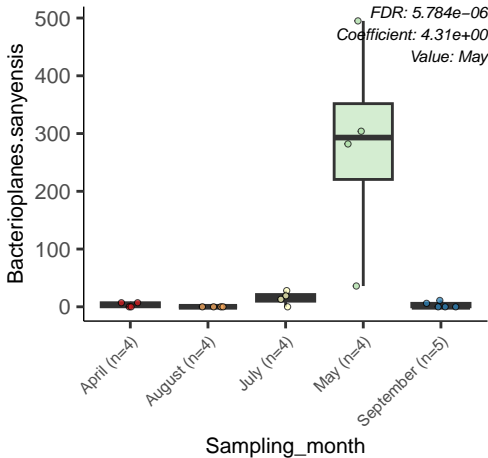


Chromobacterium.violaceum

FDR: $3.423e-06$
Coefficient: $2.83e+00$
Value: August





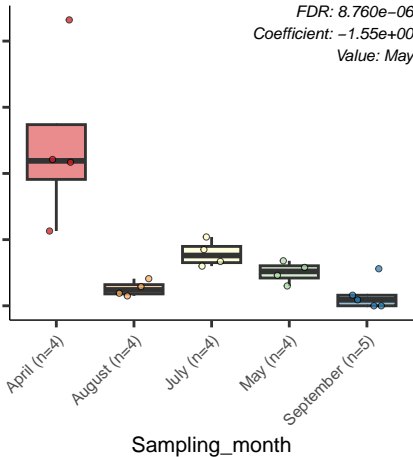


Roseobacter.sp..KT1117

FDR: 8.760e-06

Coefficient: -1.55e+00

Value: May



Cyclobacterium.marinum

FDR: 1.048e-05
Coefficient: 1.31e+00
Value: May

April (n=4)

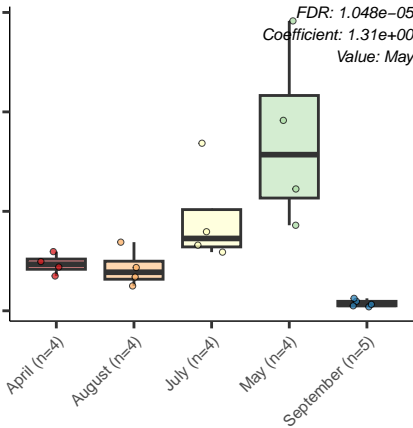
August (n=4)

July (n=4)

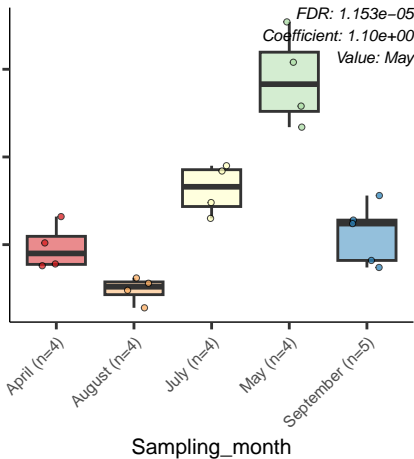
May (n=4)

September (n=5)

Sampling_month

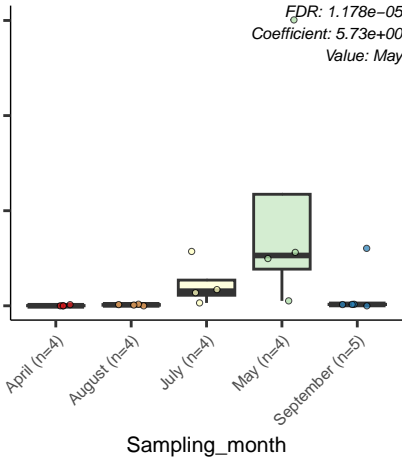


Echinicola.vietnamensis



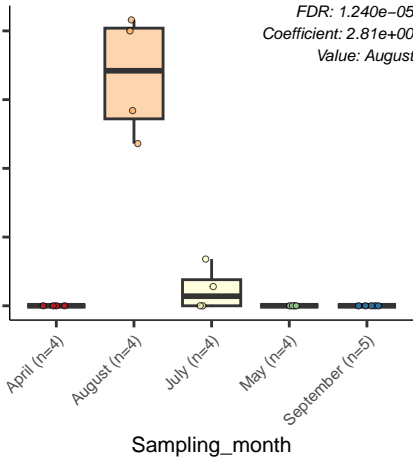
Vibrio.alginolyticus

FDR: 1.178×10^{-5}
Coefficient: 5.73×10^0
Value: May



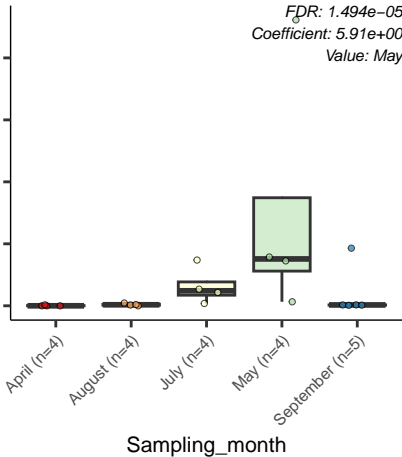
Halorubrum.sp..TP001

FDR: 1.240e-05
Coefficient: 2.81e+00
Value: August



Vibrio.parahaemolyticus

FDR: $1.494e-05$
Coefficient: $5.91e+00$
Value: May

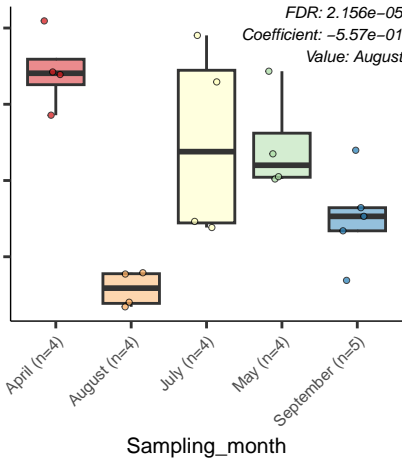


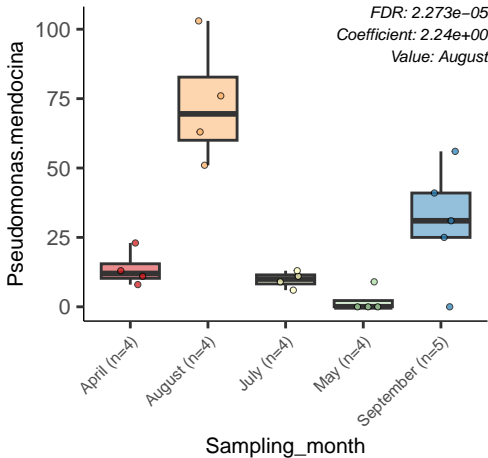
Salipiger.profundus

FDR: 2.156e-05

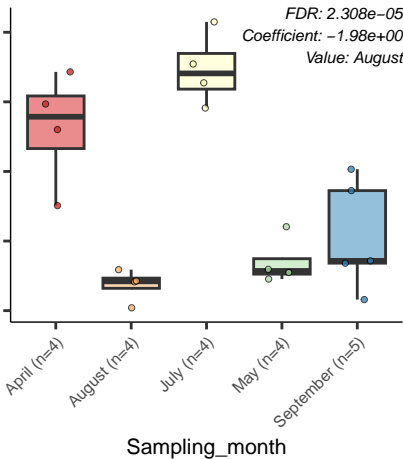
Coefficient: -5.57e-01

Value: August

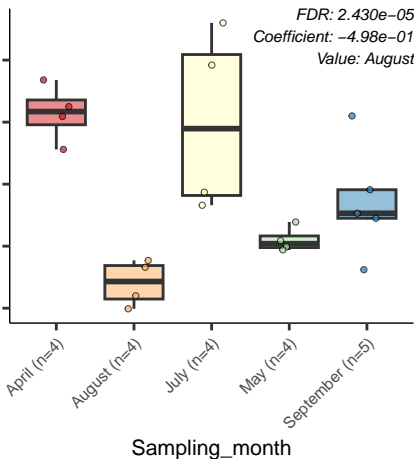




Marinobacter.sp..es.042

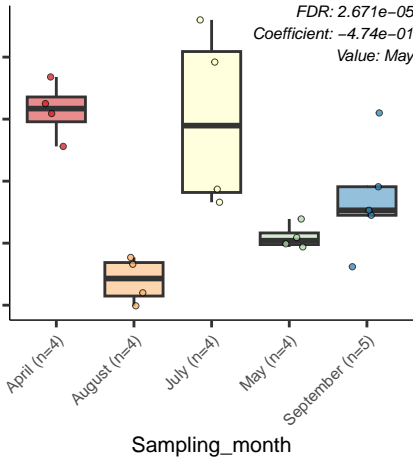


Rhodovulum.sp..MB263



Rhodovulum.sp..MB263

FDR: $2.671e-05$
Coefficient: $-4.74e-01$
Value: May

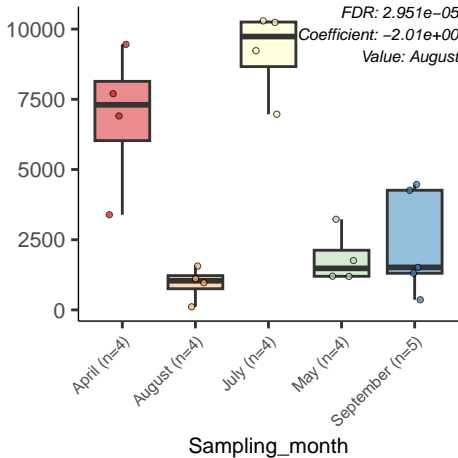


Marinobacter.adhaerens

FDR: $2.951e-05$

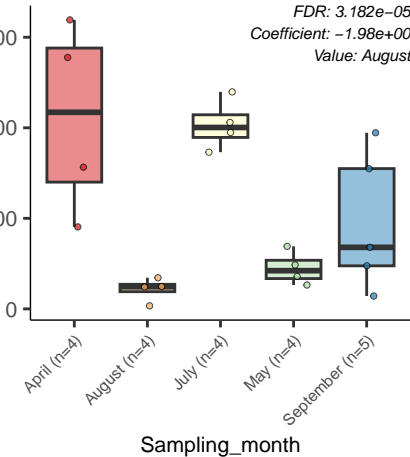
Coefficient: $-2.01e+00$

Value: August



Marinobacter.sp..CP1

FDR: $3.182e-05$
Coefficient: $-1.98e+00$
Value: August

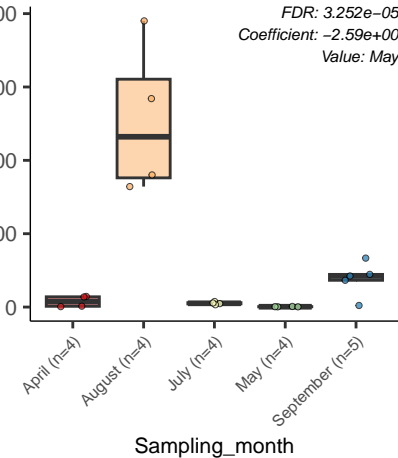


Dactylococcopsis.salina

FDR: 3.252e-05

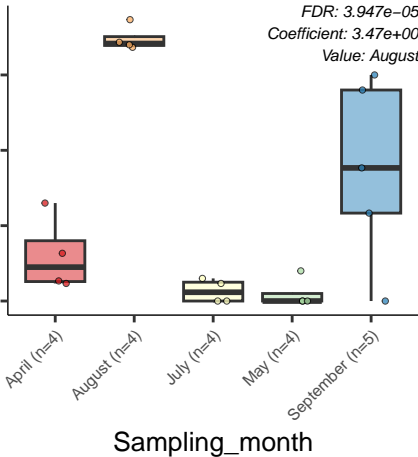
Coefficient: -2.59e+00

Value: May



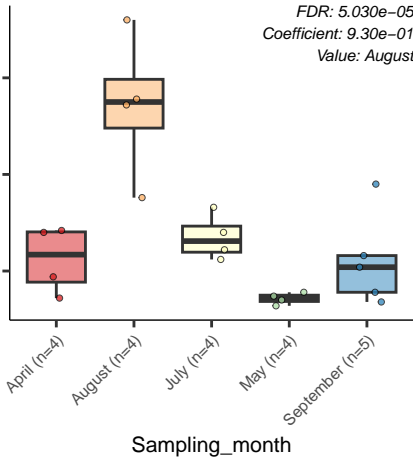
bacterium.RC13

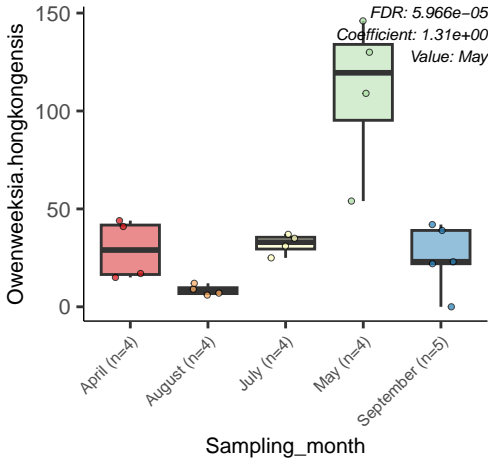
FDR: $3.947e-05$
Coefficient: $3.47e+00$
Value: August



Halorhodospira.halophila

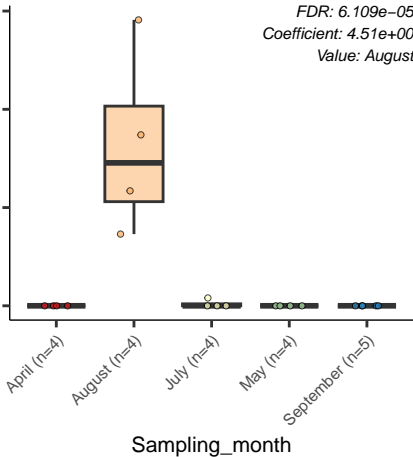
FDR: $5.030e-05$
Coefficient: $9.30e-01$
Value: August





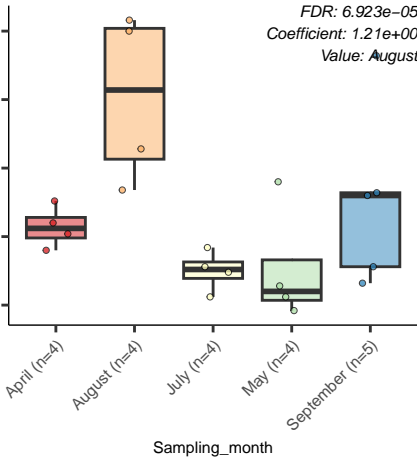
Halovirus.HSTV.2

FDR: 6.109e-05
Coefficient: 4.51e+00
Value: August



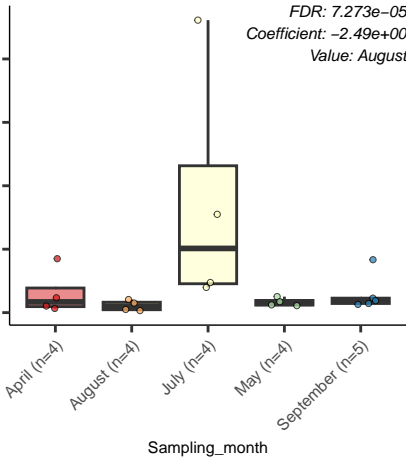
Azospirillum.humicireducens

FDR: 6.923e-05
Coefficient: 1.21e+00
Value: August



Salinivirga.cyanobacteriivorans

FDR: 7.273e-05
Coefficient: -2.49e+00
Value: August

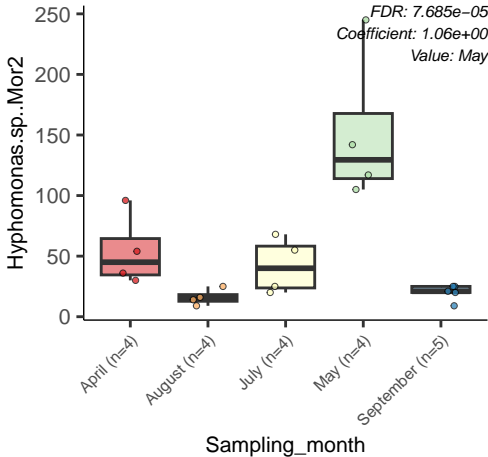


Hyphomonas.sp..Mor2

FDR: $7.685e-05$
Coefficient: $1.06e+00$
Value: May

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

Sampling_month



Nonlabens.spongiae

FDR: $8.154e-05$
Coefficient: $-1.47e+00$
Value: May

April (n=4)

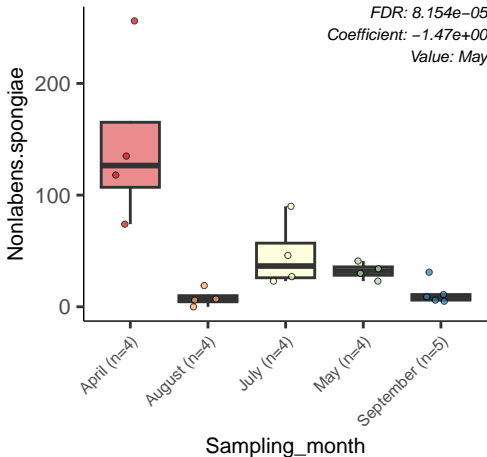
August (n=4)

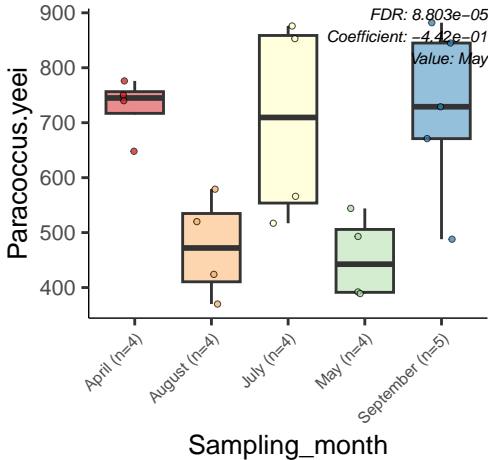
July (n=4)

May (n=4)

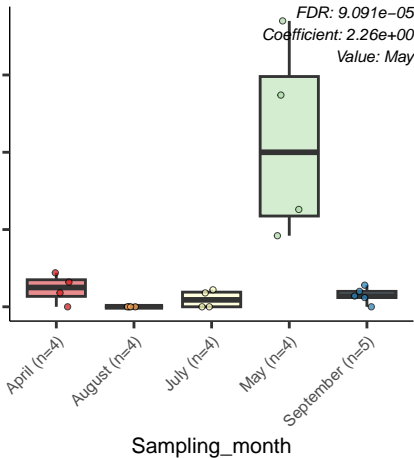
September (n=5)

Sampling_month





Grimontia.hollisae

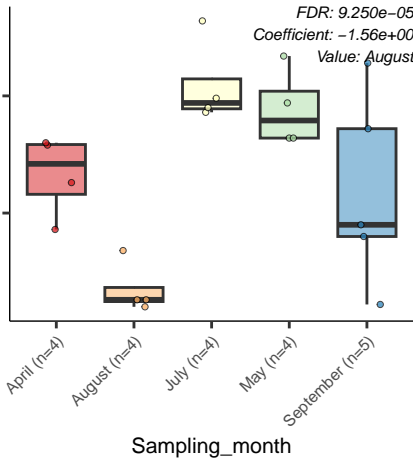


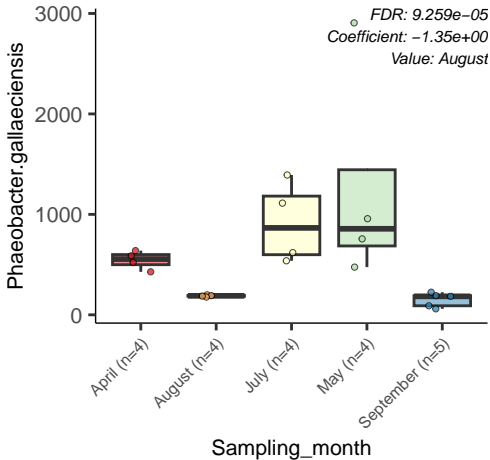
Halioglobus.japonicus

FDR: 9.250e-05

Coefficient: -1.56e+00

Value: August





Muricauda.ruestringensis

FDR: $9.489e-05$
Coefficient: $-2.29e+00$
Value: August

20000

10000

0

April (n=4)

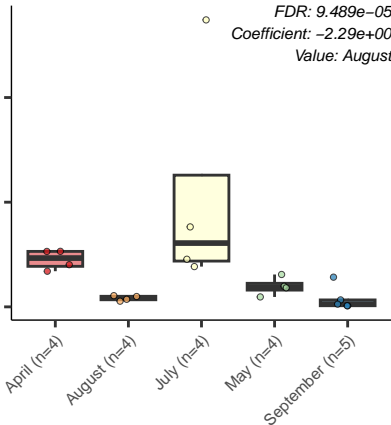
August (n=4)

July (n=4)

May (n=4)

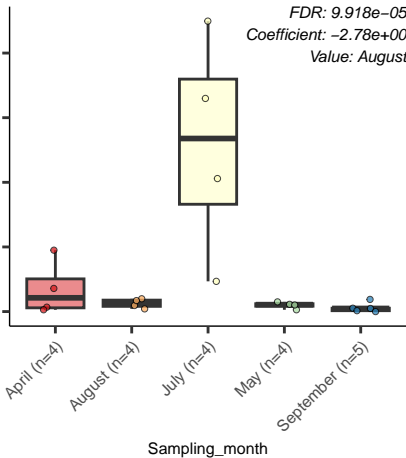
September (n=5)

Sampling_month



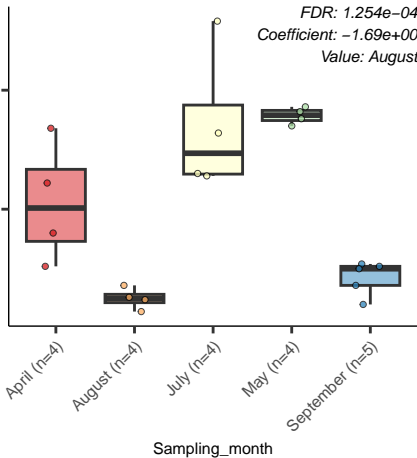
Hydrogenovibrio.crunogenus

FDR: 9.918e-05
Coefficient: -2.78e+00
Value: August



uncultured.Sphingobacteriia.bacterium

FDR: 1.254e-04
Coefficient: -1.69e+00
Value: August

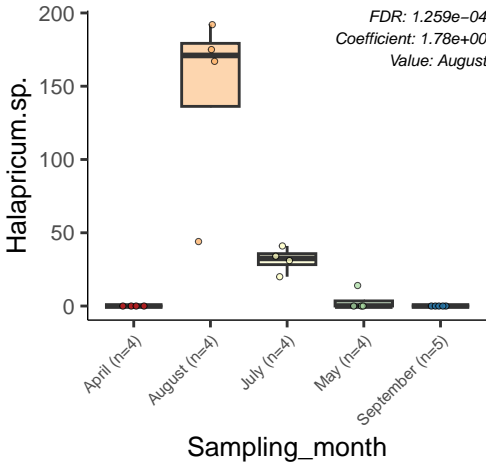


Halapricum.sp.

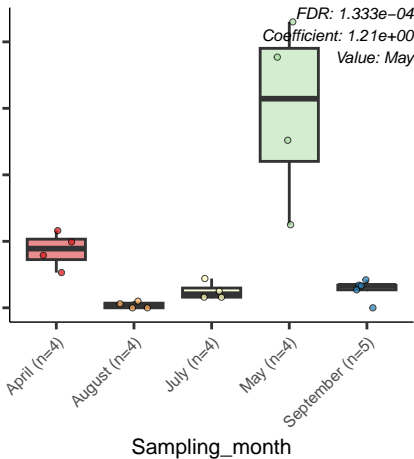
FDR: 1.259e-04
Coefficient: 1.78e+00
Value: August

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

Sampling_month

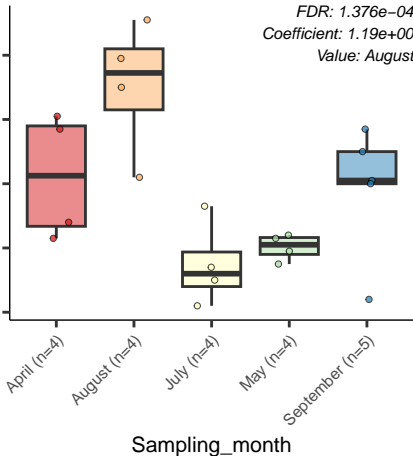


Eunotia.naegelii



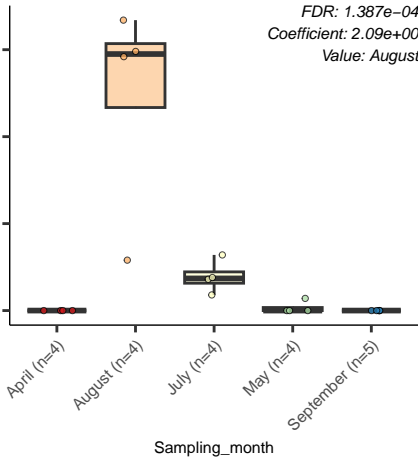
Bosea.vaviloviae

FDR: 1.376e-04
Coefficient: 1.19e+00
Value: August

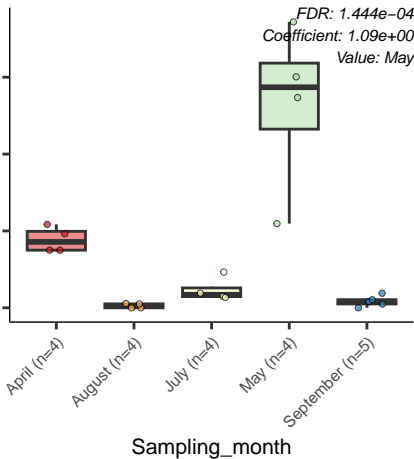


Halobacteriaceae.archaeon.SY.39

FDR: 1.387e-04
Coefficient: 2.09e+00
Value: August

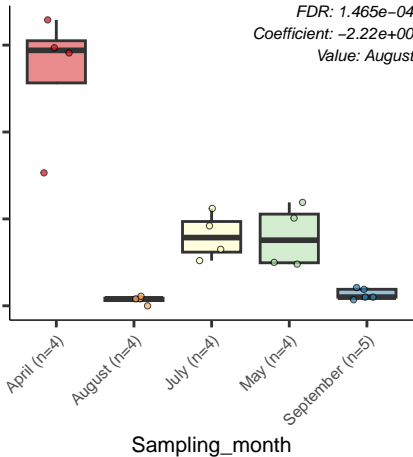


Durinskia.baltica



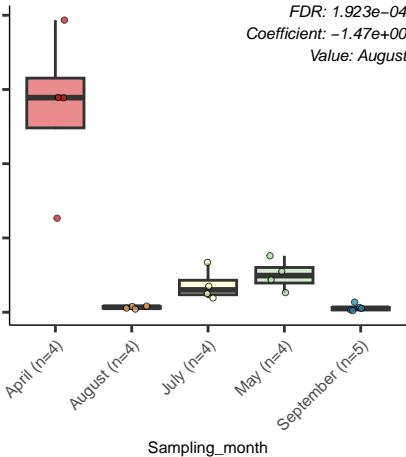
Winogradskyella.sp..PC.19

FDR: $1.465e-04$
Coefficient: $-2.22e+00$
Value: August

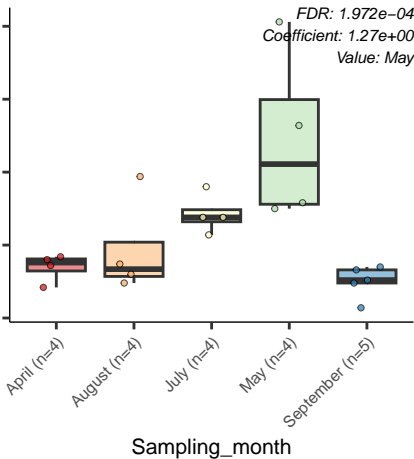


Winogradskyella.sp..RHA_55

FDR: $1.923e-04$
Coefficient: $-1.47e+00$
Value: August

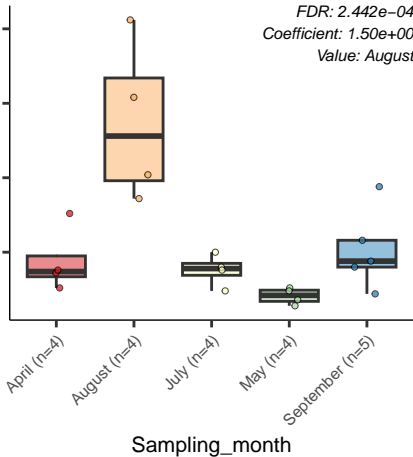


Nannocystis.exedens



Magnetospirillum.sp..XM.1

FDR: 2.442e-04
Coefficient: 1.50e+00
Value: August



Desulfuromonas.sp..DDH964

FDR: 2.550e-04
Coefficient: -1.48e+00
Value: August

100

50

0

April (n=4)

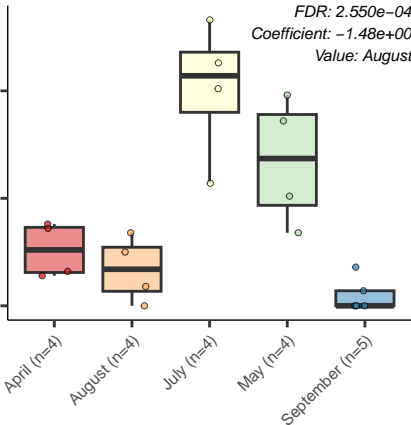
August (n=4)

July (n=4)

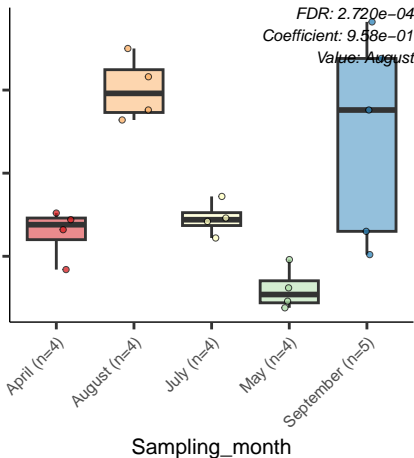
May (n=4)

September (n=5)

Sampling_month

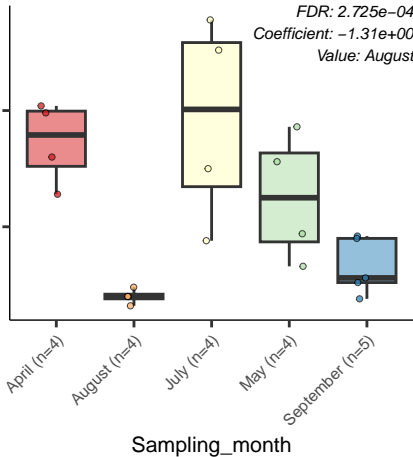


Azospirillum.thiophilum



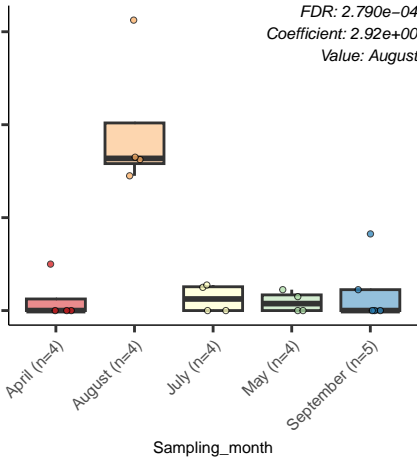
Maribacter.sp..T28

FDR: 2.725e-04
Coefficient: -1.31e+00
Value: August



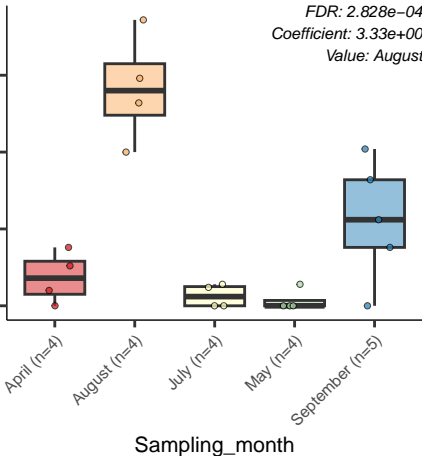
uncultured.Salinibacter.sp.

FDR: 2.790e-04
Coefficient: 2.92e+00
Value: August

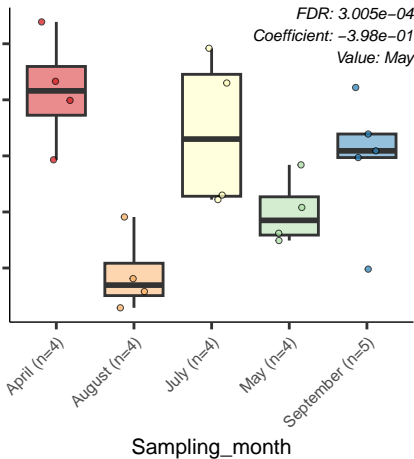


Pyropia.haitanensis

FDR: 2.828e-04
Coefficient: 3.33e+00
Value: August

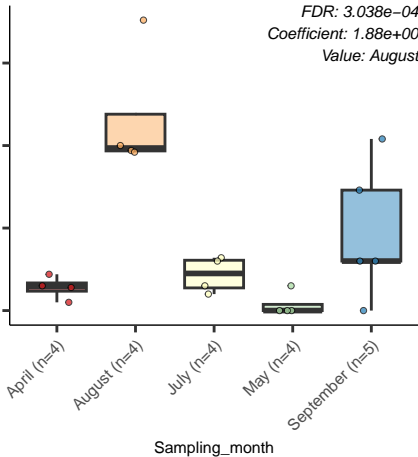


Paracoccus.aminovorans



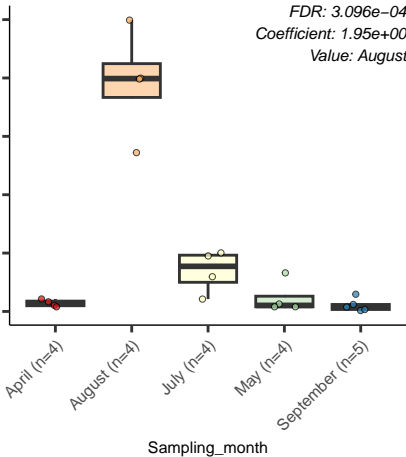
Ornithobacterium.rhinotracheale

FDR: 3.038e-04
Coefficient: 1.88e+00
Value: August



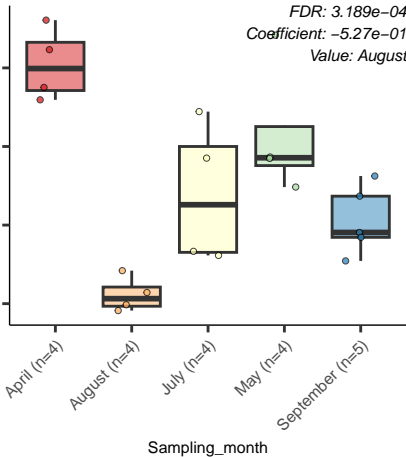
Halanaerobacterium.sulfureducens

FDR: 3.096e-04
Coefficient: 1.95e+00
Value: August

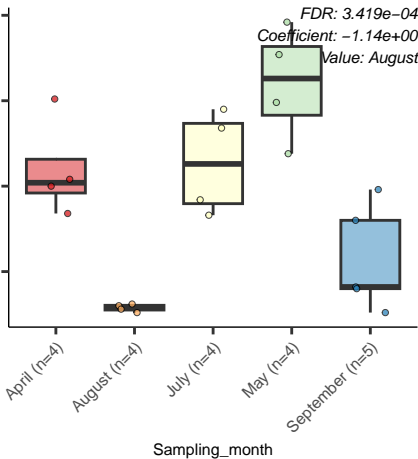


Celeribacter.manganoxidans

FDR: 3.189×10^{-4}
Coefficient: -5.27×10^{-1}
Value: August

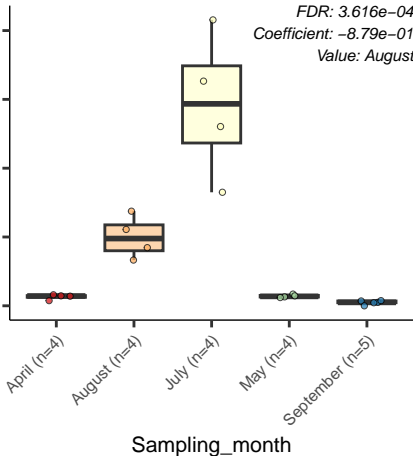


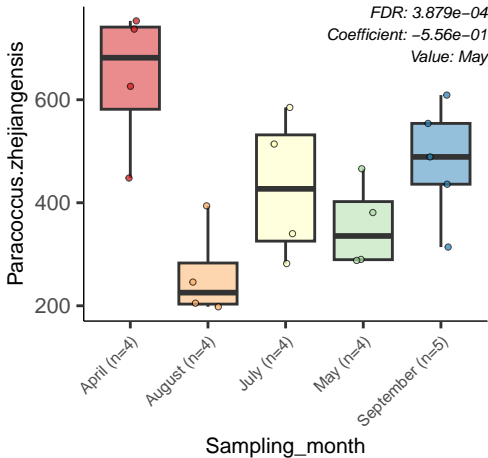
uncultured.sediment.bacterium



Spiribacter.curvatus

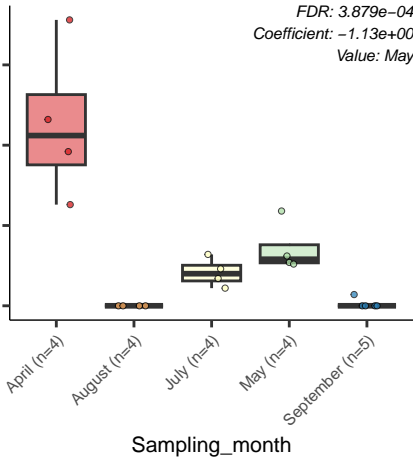
FDR: 3.616e-04
Coefficient: -8.79e-01
Value: August





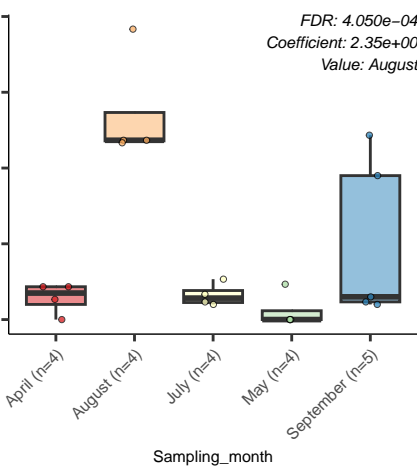
Polaribacter.sp..MED152

FDR: $3.879e-04$
Coefficient: $-1.13e+00$
Value: May

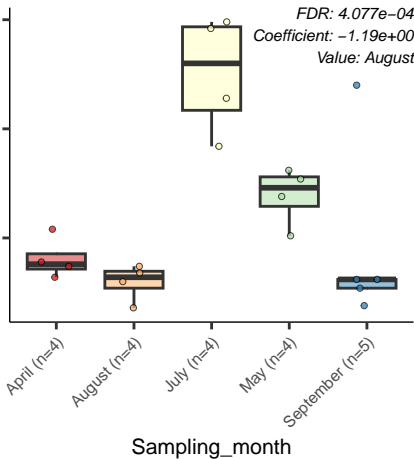


uncultured.marine.bacterium.159

FDR: 4.050e-04
Coefficient: 2.35e+00
Value: August

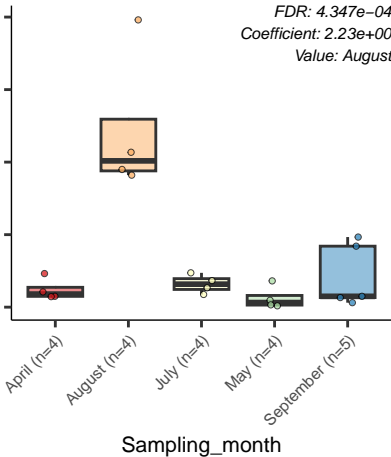


Litorilinea.aerophila



Salinibacter.ruber

FDR: 4.347e-04
Coefficient: 2.23e+00
Value: August



Pelobacter.sp..SFB93

200
150
100
50
0

FDR: 4.742e-04
Coefficient: -1.98e+00
Value: August

April (n=4)

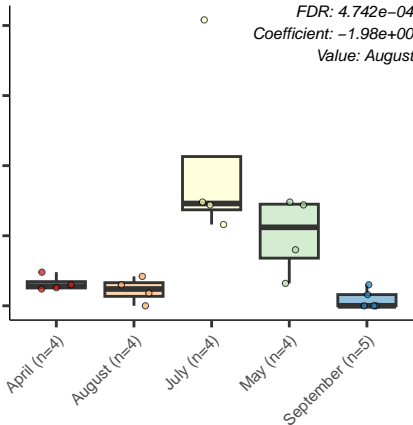
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month



Cellulophaga.lytica

FDR: 5.002e-04

Coefficient: -1.42e+00

Value: August

April (n=4)

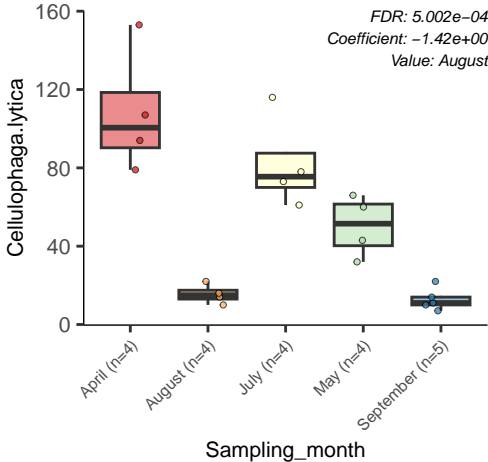
August (n=4)

July (n=4)

May (n=4)

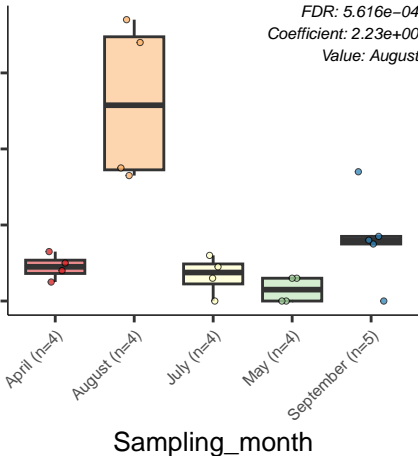
September (n=5)

Sampling_month



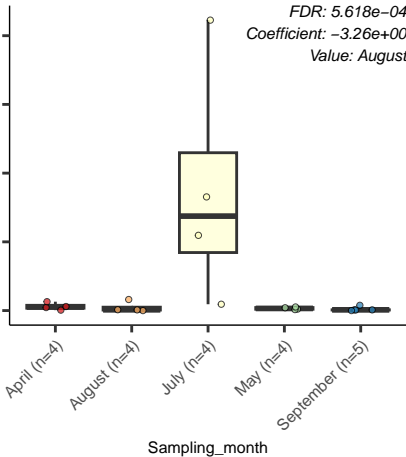
Kocuria.flava

FDR: 5.616e-04
Coefficient: 2.23e+00
Value: August



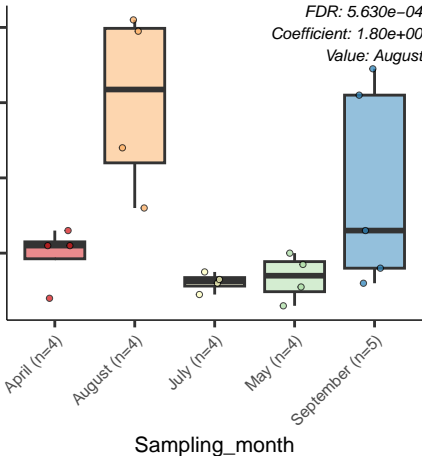
Pseudodesulfovibrio.profundus

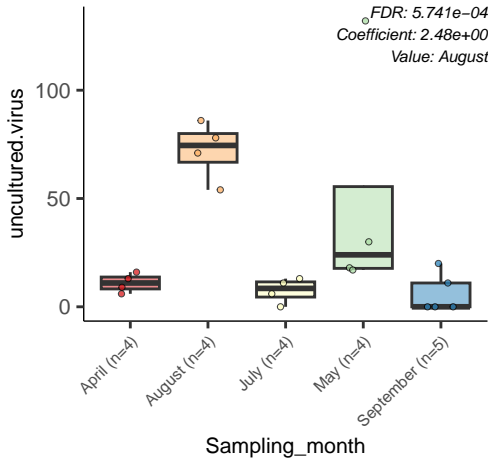
FDR: 5.618e-04
Coefficient: -3.26e+00
Value: August



Methylobacterium.sp..C1

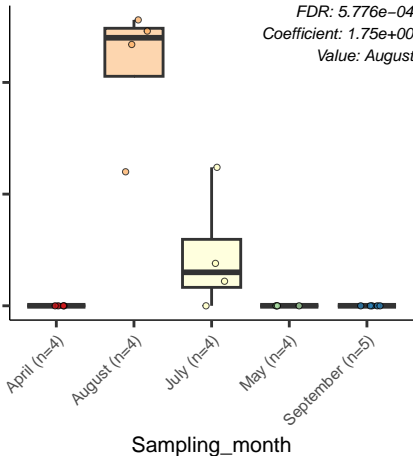
FDR: 5.630e-04
Coefficient: 1.80e+00
Value: August





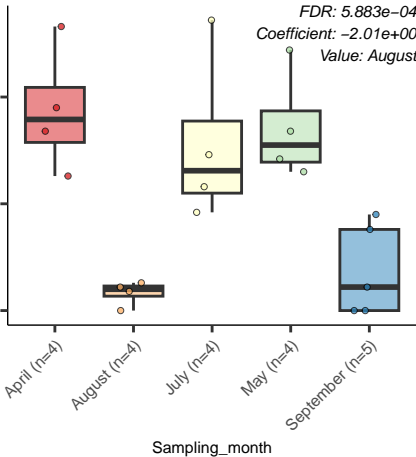
Dunaliella.viridis

FDR: 5.776e-04
Coefficient: 1.75e+00
Value: August

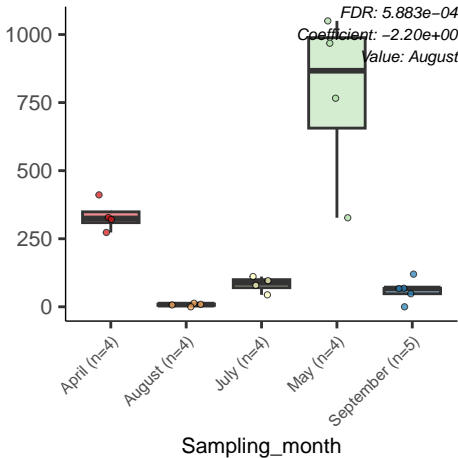


Candidatus.Tenderia.electrophaga

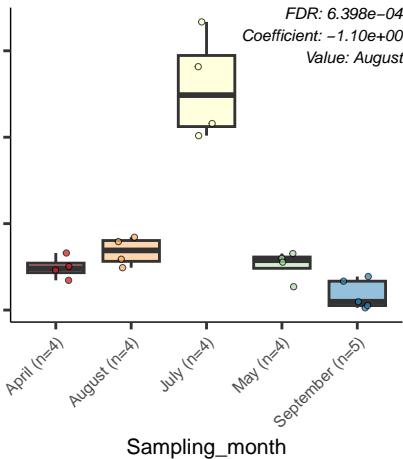
FDR: $5.883e-04$
Coefficient: $-2.01e+00$
Value: August



Phaeodactylum.tricornutum



Robiginitalea.biformata



Lacinutrix.sp..5H.3.7.4

FDR: 6.418e-04

Coefficient: -9.98e-01

Value: May

April (n=4)

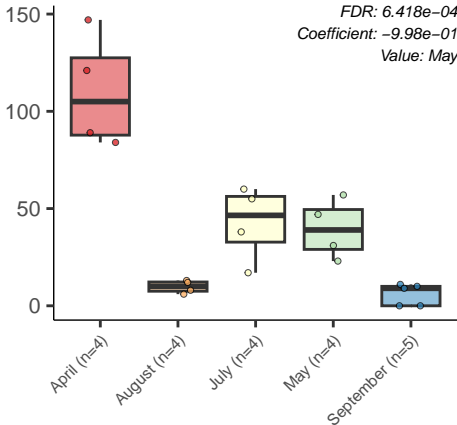
August (n=4)

July (n=4)

May (n=4)

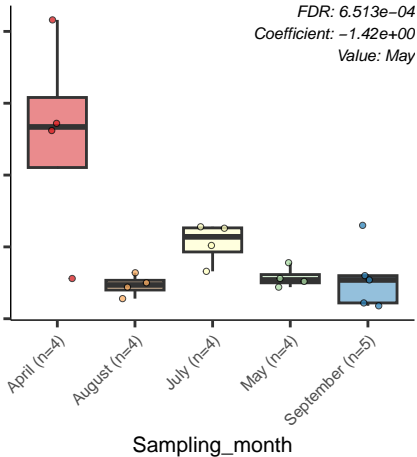
September (n=5)

Sampling_month

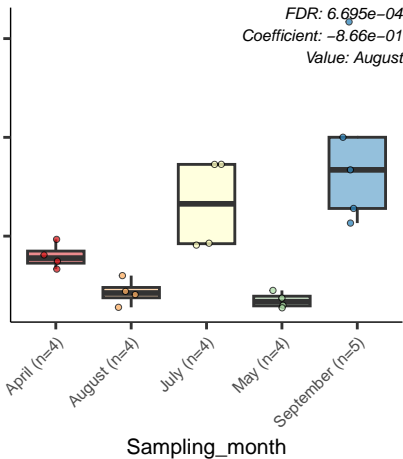


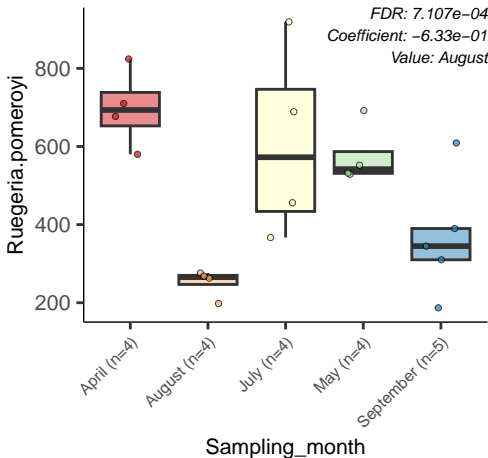
Thioalkalivibrio.versutus

FDR: 6.513e-04
Coefficient: -1.42e+00
Value: May



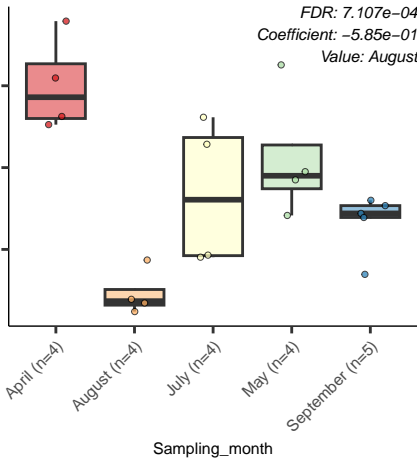
Erythrobacter.sp..HL.111





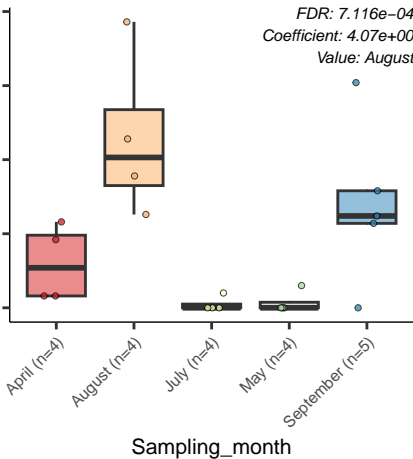
Leisingera.methylolhalidivorans

FDR: $7.107e-04$
Coefficient: $-5.85e-01$
Value: August



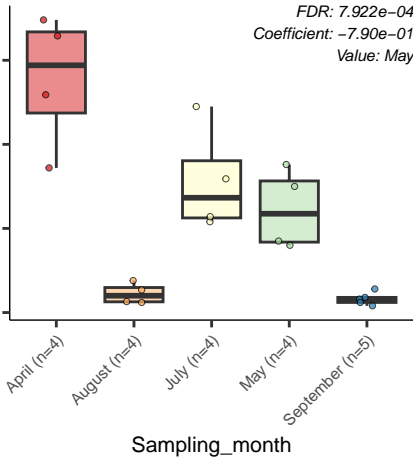
Rhodovibrio.sp..PJ41

FDR: 7.116e-04
Coefficient: 4.07e+00
Value: August



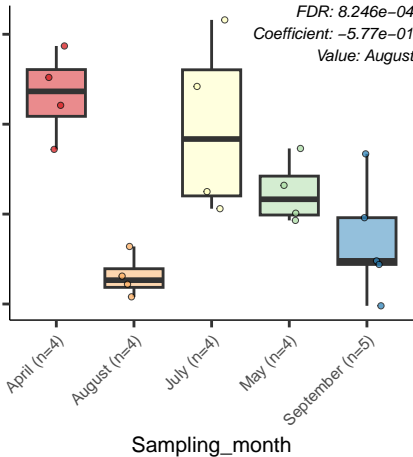
Winogradskyella.sp..J14.2

FDR: $7.922e-04$
Coefficient: $-7.90e-01$
Value: May

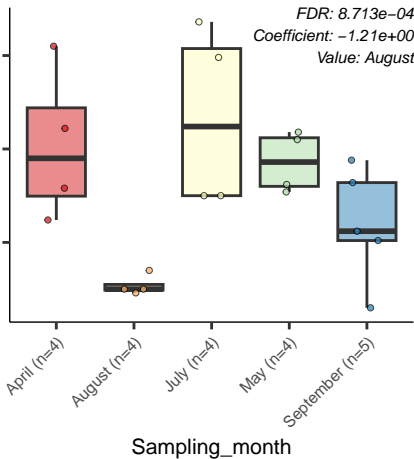


Yangia.sp..CCB.MM3

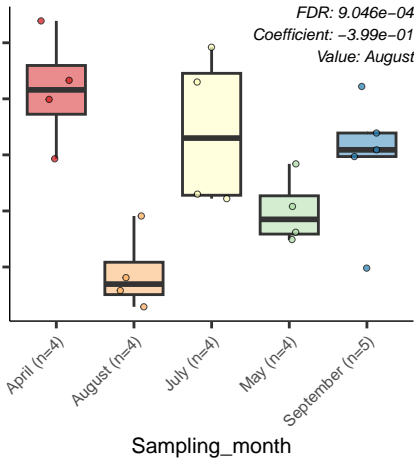
FDR: 8.246e-04
Coefficient: -5.77e-01
Value: August



Persicobacter.sp..JZB09

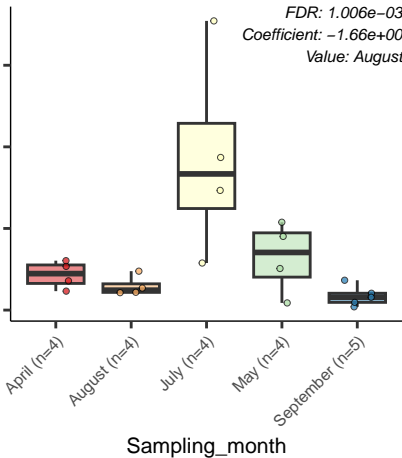


Paracoccus.aminovorans

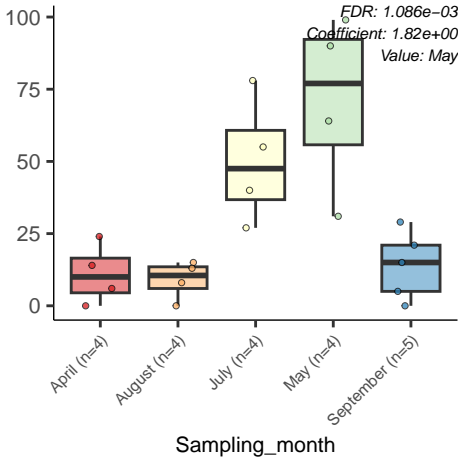


Marinobacter.salinus

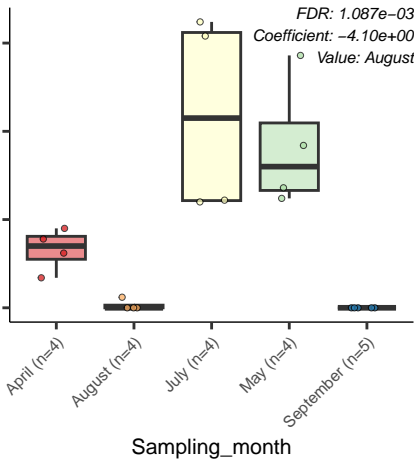
FDR: 1.006e-03
Coefficient: -1.66e+00
Value: August



Methylophaga.frappieri



Phormidium.lucidum



Haloarcula.marismortui

FDR: 1.129e-03
Coefficient: 2.26e+00
Value: May

15000

10000

5000

0

April (n=4)

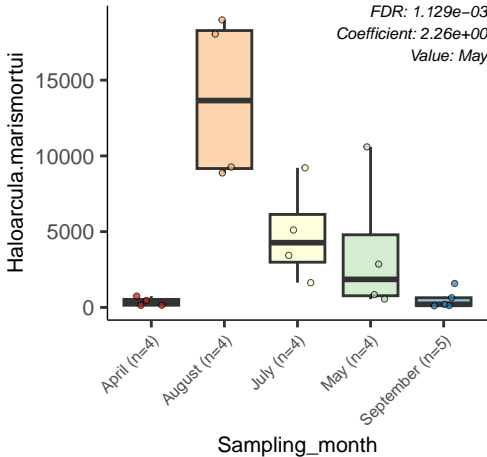
August (n=4)

July (n=4)

May (n=4)

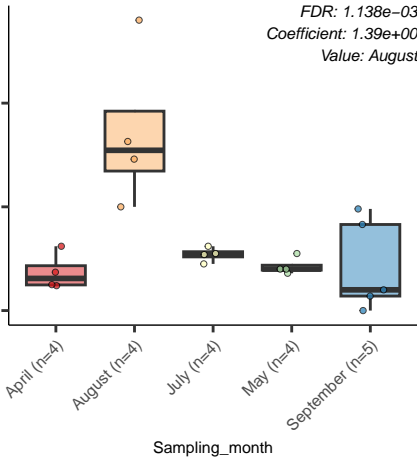
September (n=5)

Sampling_month



Rhodothermaceae.bacterium.RA

FDR: 1.138e-03
Coefficient: 1.39e+00
Value: August

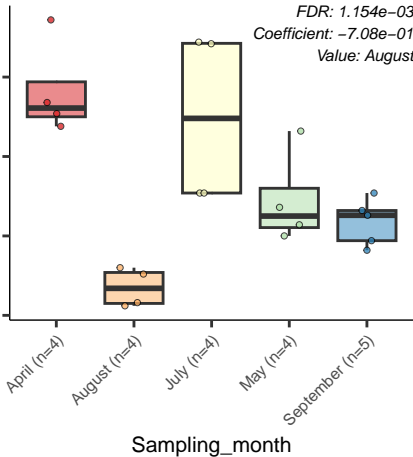


Celeribacter.ethanolicus

FDR: 1.154e-03

Coefficient: -7.08e-01

Value: August

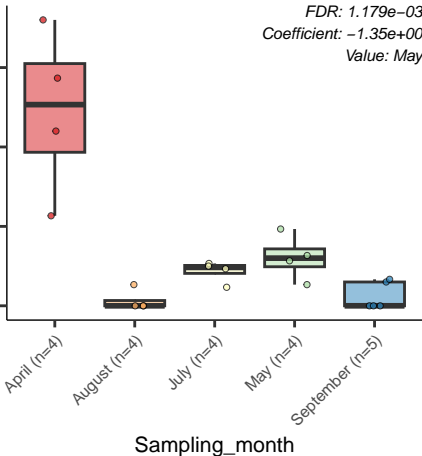


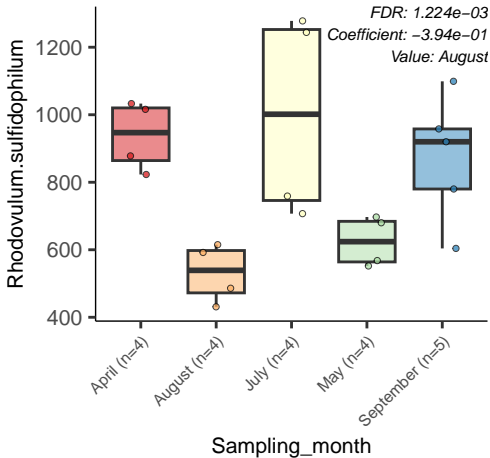
Olleya.sp..Bg11.27

FDR: 1.179e-03

Coefficient: -1.35e+00

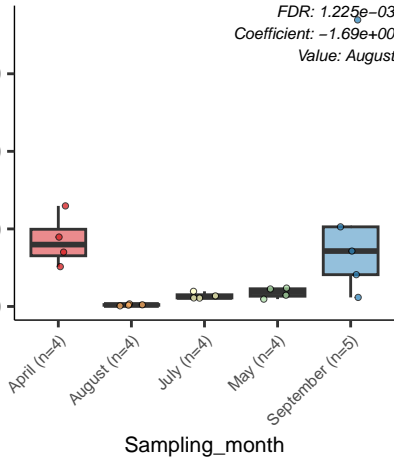
Value: May



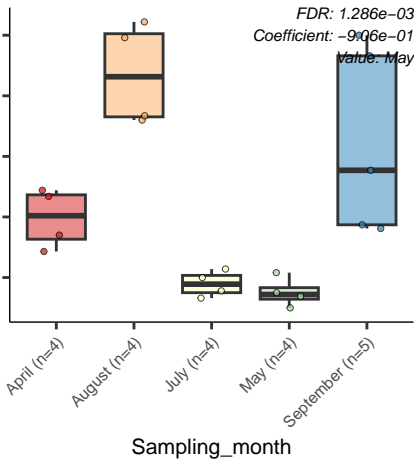


Marivirga.tractuosa

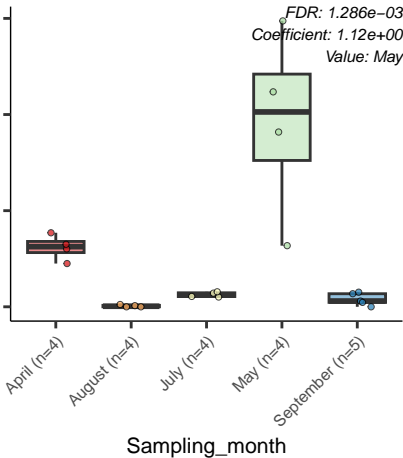
FDR: $1.225e-03$
Coefficient: $-1.69e+00$
Value: August



Methylorubrum.populi

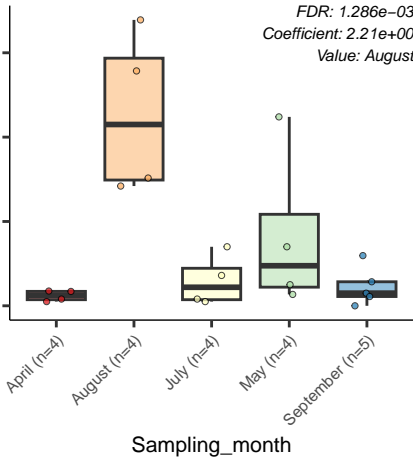


Cylindrotheca.closterium



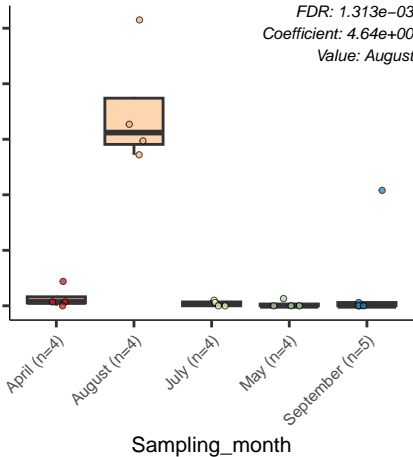
Halovirus.HRTV.4

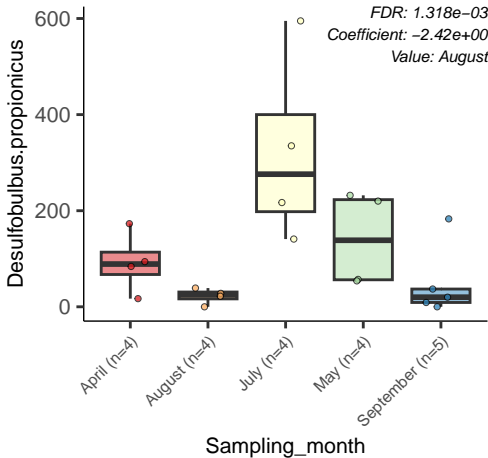
FDR: 1.286e-03
Coefficient: 2.21e+00
Value: August



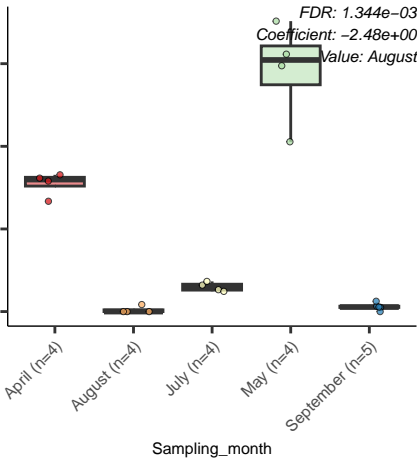
Thiohalospira.halophila

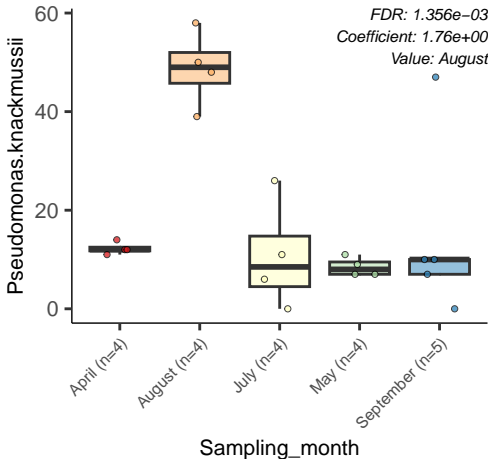
FDR: $1.313e-03$
Coefficient: $4.64e+00$
Value: August



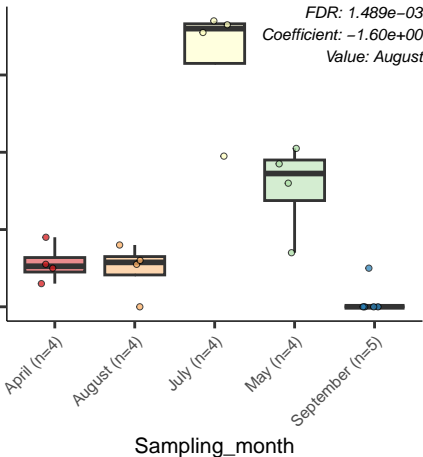


Kryptoperidinium.foliaceum



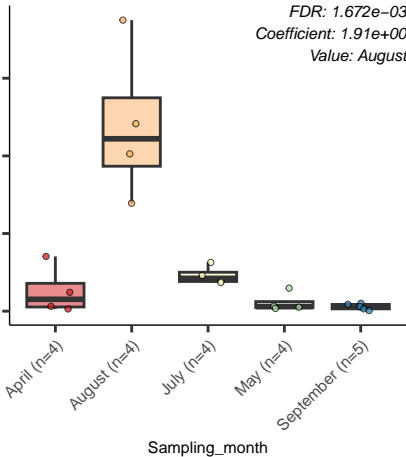


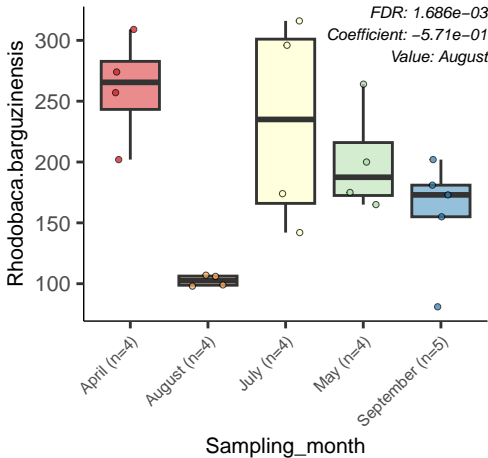
Pelobacter.carbinolicus



Halodesulfurarchaeum.formicum

FDR: 1.672e-03
Coefficient: 1.91e+00
Value: August





Flavobacterium.columnare

FDR: $1.690e-03$
Coefficient: $-3.01e+00$
Value: August

100

50

0

April (n=4)

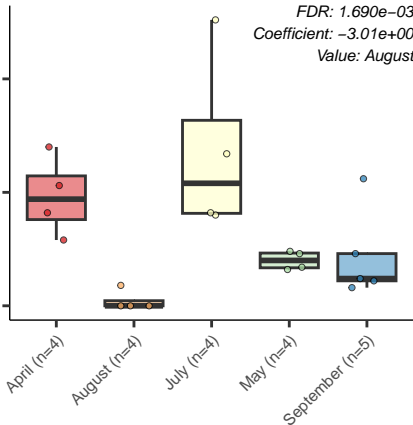
August (n=4)

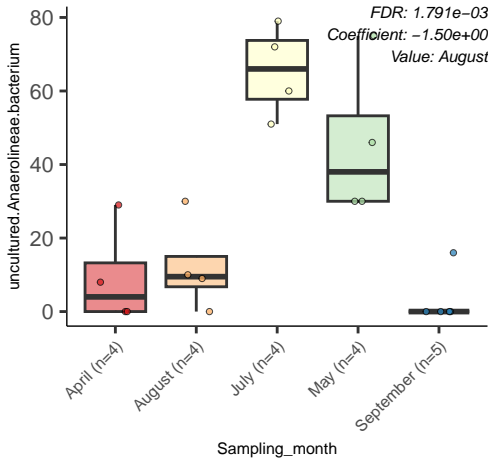
July (n=4)

May (n=4)

September (n=5)

Sampling_month





Erythrobacter.litoralis

6000

4000

2000

April (n=4)

August (n=4)

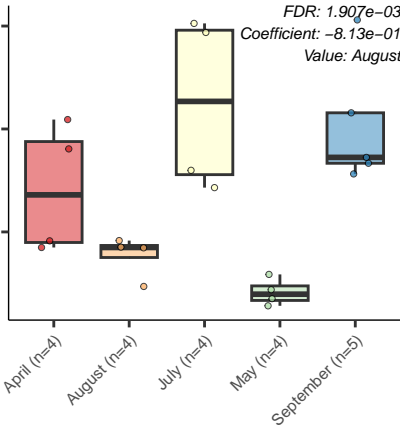
July (n=4)

May (n=4)

September (n=5)

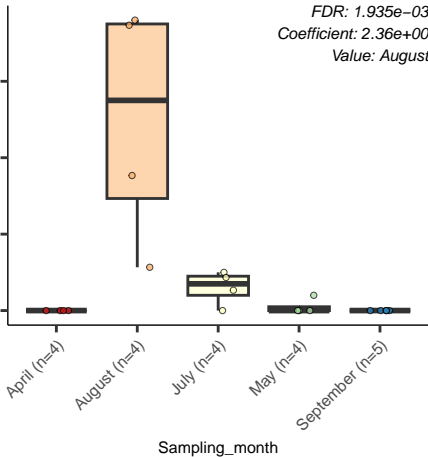
Sampling_month

FDR: $1.907e-03$
Coefficient: $-8.13e-01$
Value: August



Halobacteriaceae.archaeon.SHR26

FDR: 1.935e-03
Coefficient: 2.36e+00
Value: August



Paracoccus.contaminans

1000

750

500

April (n=4)

August (n=4)

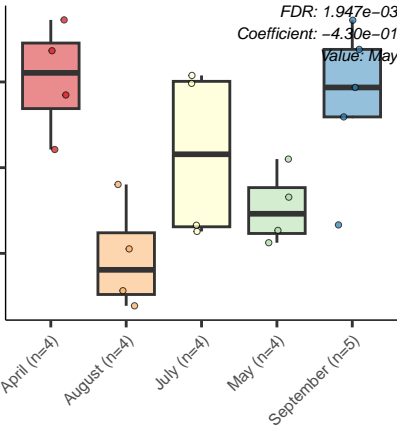
July (n=4)

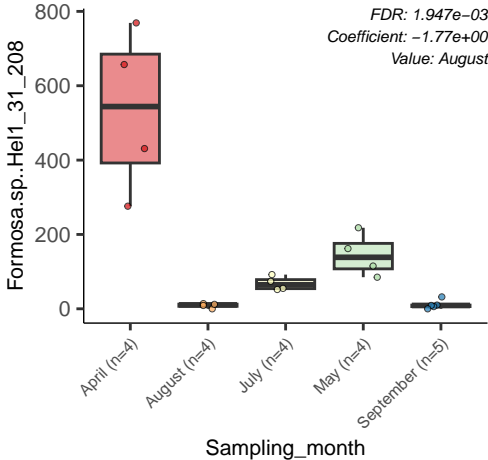
May (n=4)

September (n=5)

Sampling_month

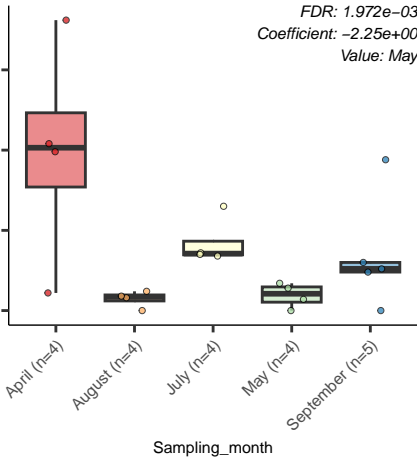
FDR: $1.947e-03$
Coefficient: $-4.30e-01$
Value: May

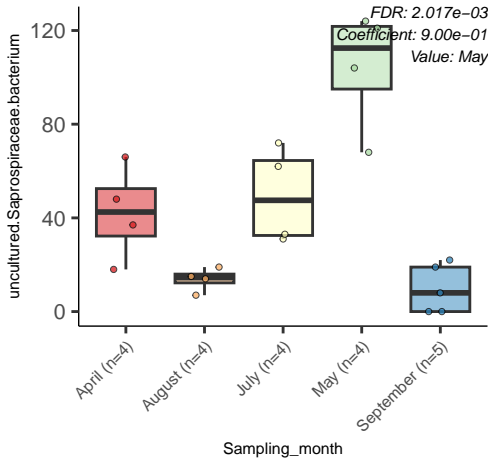




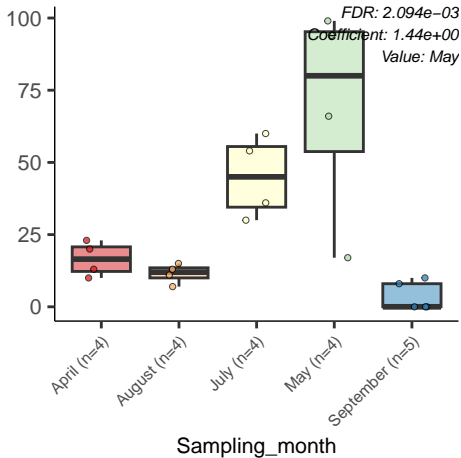
Pseudodesulfobivibrio.aespoeeensis

FDR: 1.972e-03
Coefficient: -2.25e+00
Value: May



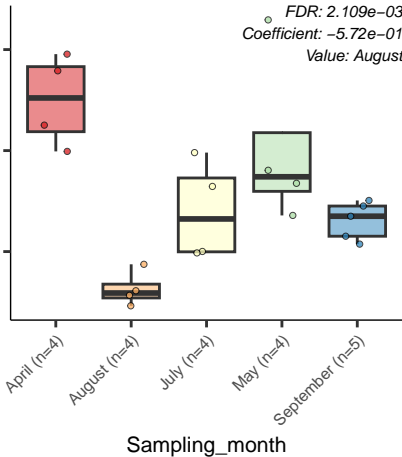


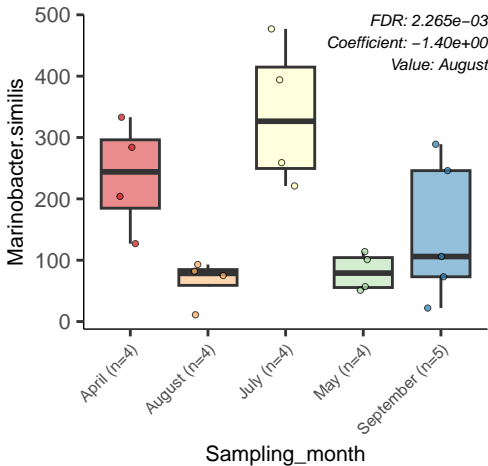
Gilvibacter.sp..SZ.19



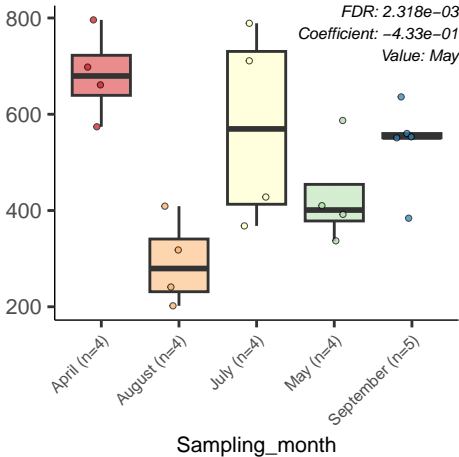
Rhodovulum.sp..P5

FDR: 2.109e-03
Coefficient: -5.72e-01
Value: August



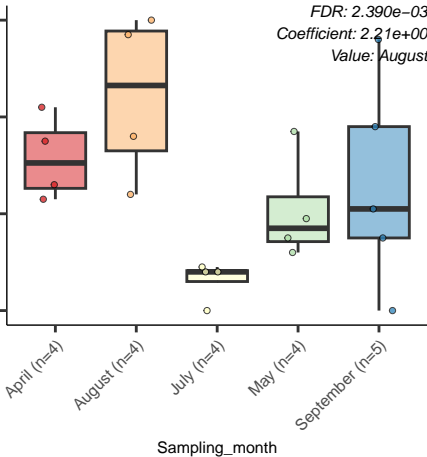


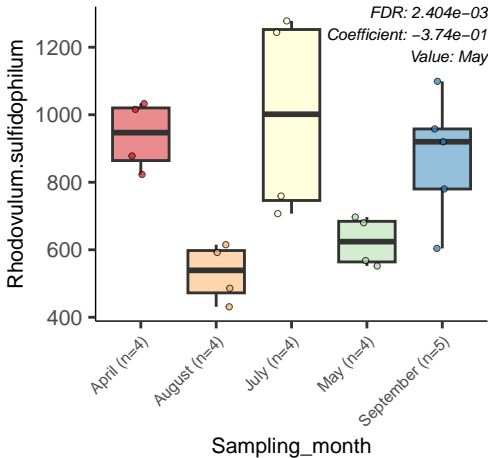
Defluviimonas.alba



Granulibacter.bethesdensis

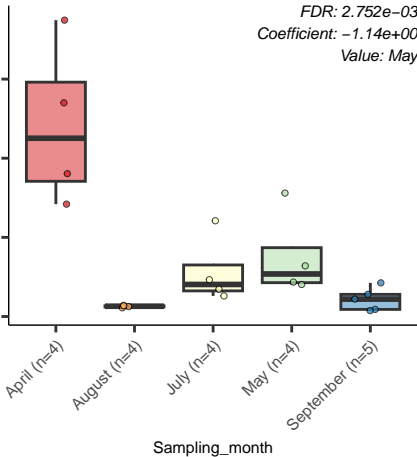
FDR: 2.390e-03
Coefficient: 2.21e+00
Value: August





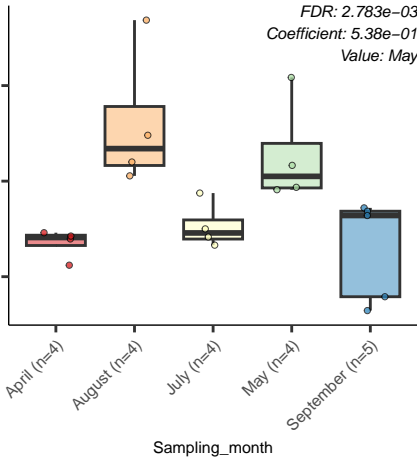
Maribacter.sp..1_2014MBL_MicDiv

FDR: $2.752e-03$
Coefficient: $-1.14e+00$
Value: May



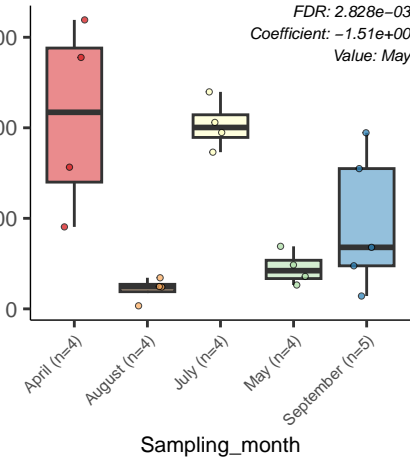
uncultured.Bacteroidetes.bacterium

FDR: $2.783e-03$
Coefficient: $5.38e-01$
Value: May



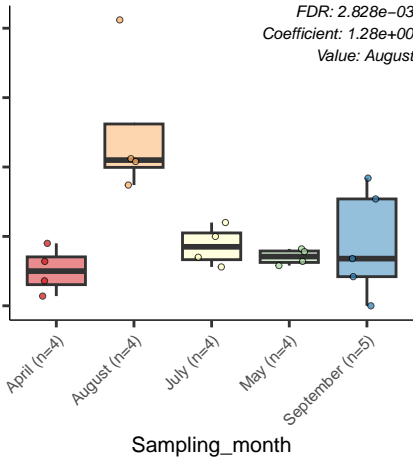
Marinobacter.sp..CP1

FDR: $2.828e-03$
Coefficient: $-1.51e+00$
Value: May

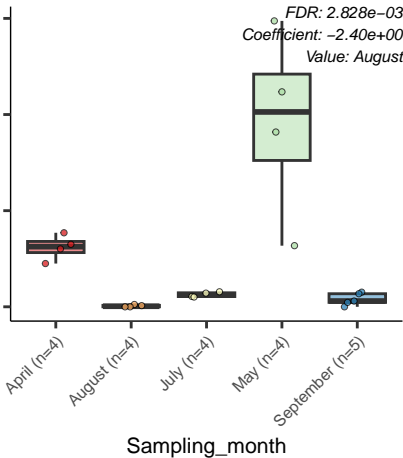


Clostridium.cellulovorans

FDR: 2.828e-03
Coefficient: 1.28e+00
Value: August

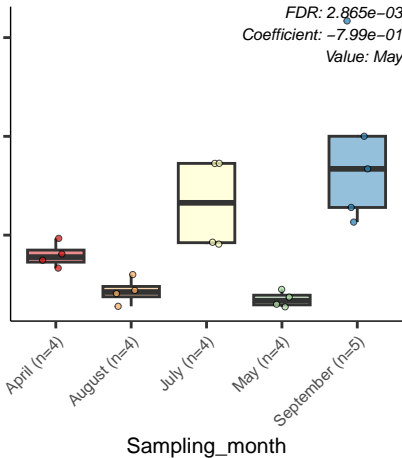


Cylindrotheca.closterium



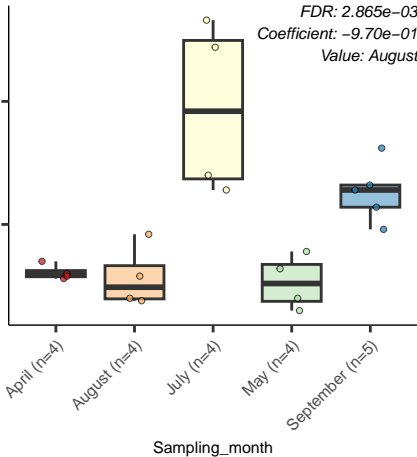
Erythrobacter.sp..HL.111

FDR: 2.865e-03
Coefficient: -7.99e-01
Value: May



Porphyrrobacter.neustonensis

FDR: 2.865e-03
Coefficient: -9.70e-01
Value: August



Haliscomenobacter.hydrossis

FDR: 3.058e-03
Coefficient: 9.09e-01
Value: May

April (n=4)

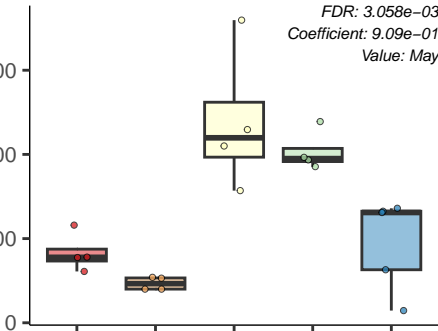
August (n=4)

July (n=4)

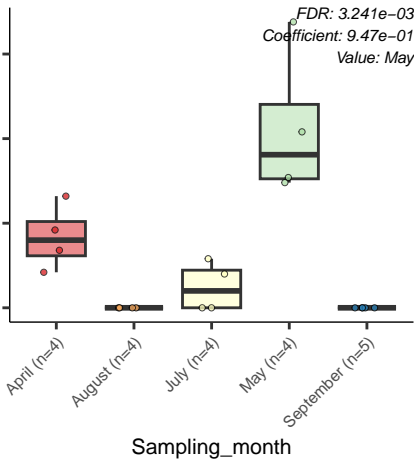
May (n=4)

September (n=5)

Sampling_month

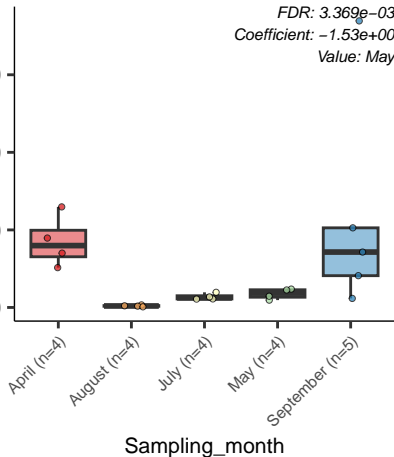


Nitzschia.cf..pusilla

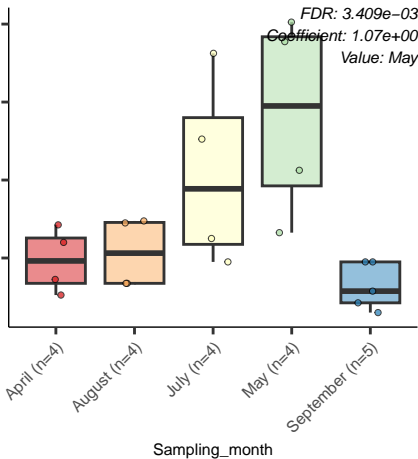


Marivirga.tractuosa

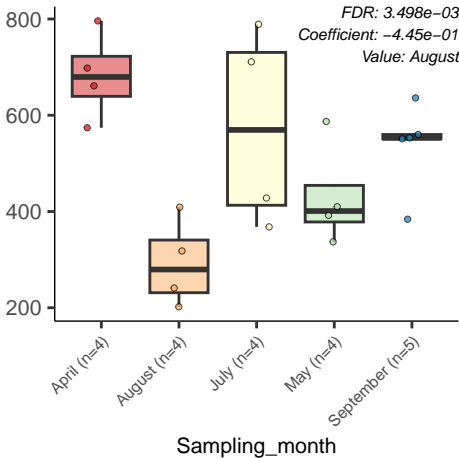
FDR: $3.369e-03$
Coefficient: $-1.53e+00$
Value: May



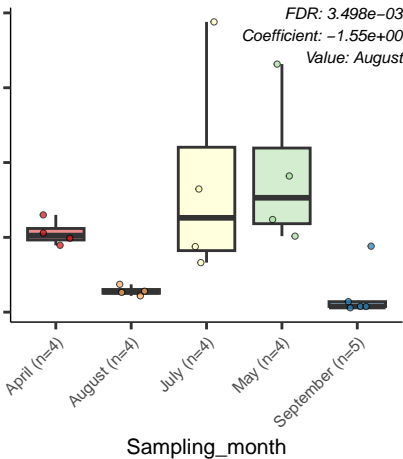
Altererythrobacter.ishigakiensis



Defluviimonas.alba



Maribacter.cobaltidurans



Emiliania.huxleyi

FDR: 3.515e-03

Coefficient: -9.69e-01

Value: May

April (n=4)

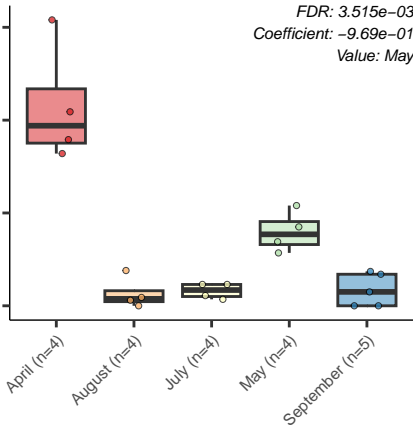
August (n=4)

July (n=4)

May (n=4)

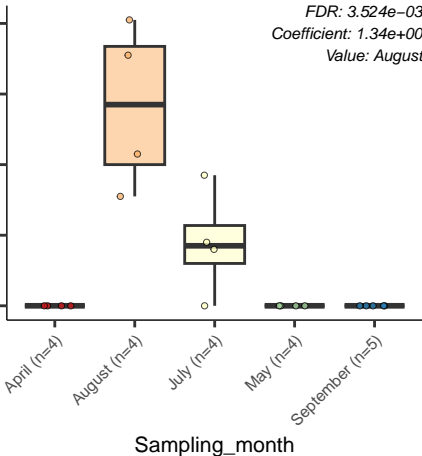
September (n=5)

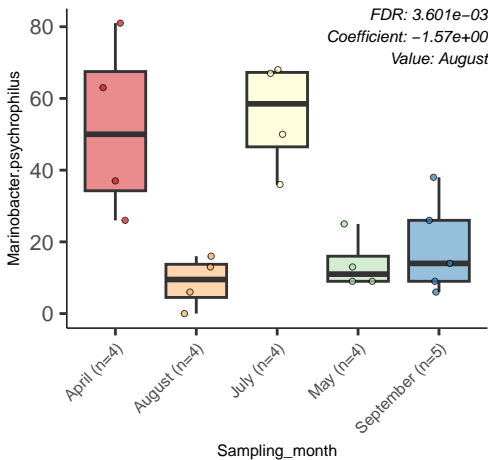
Sampling_month



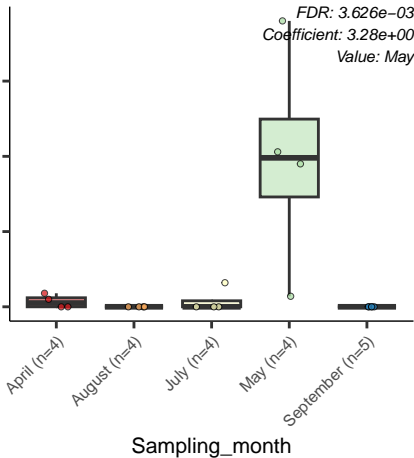
Halorubrum.californiense

FDR: 3.524e-03
Coefficient: 1.34e+00
Value: August



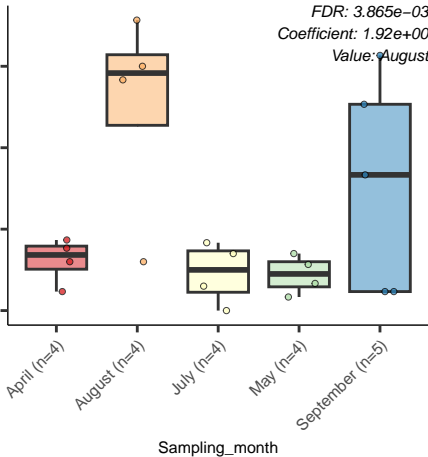


Gyrosigma.acuminatum



Chondrocystis.sp..NIES.4102

FDR: 3.865e-03
Coefficient: 1.92e+00
Value: August



Fistulifera.solaris

FDR: $3.992e-03$
Coefficient: $8.89e-01$
Value: May

April (n=4)

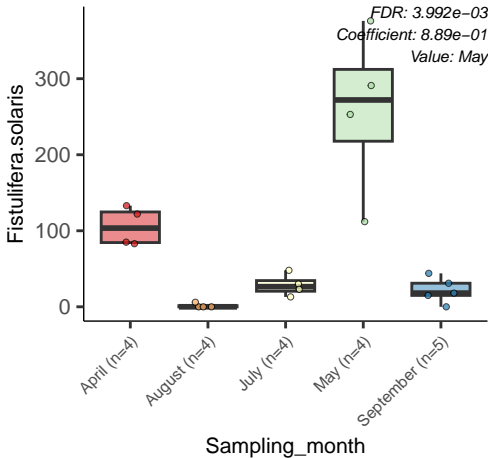
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month



Paracoccus.denitrificans

500
400
300
200

April (n=4)

August (n=4)

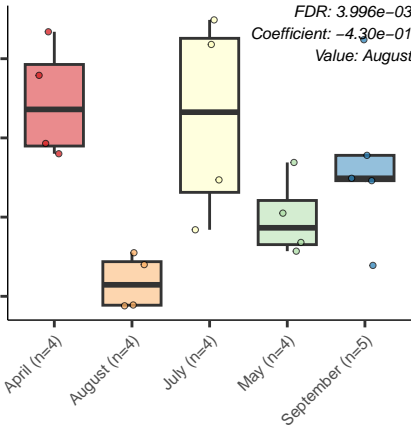
July (n=4)

May (n=4)

September (n=5)

Sampling_month

FDR: 3.996e-03
Coefficient: -4.30e-01
Value: August



Starkeya.novella

FDR: 4.066e-03
Coefficient: 7.24e-01
Value: August

April (n=4)

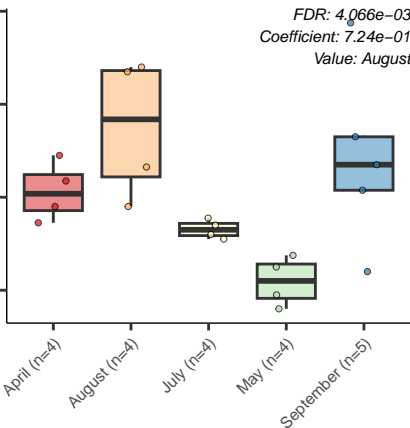
August (n=4)

July (n=4)

May (n=4)

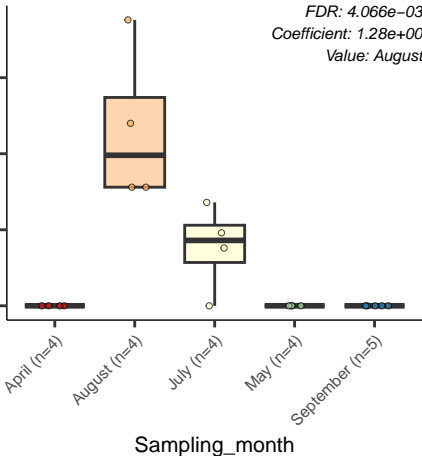
September (n=5)

Sampling_month

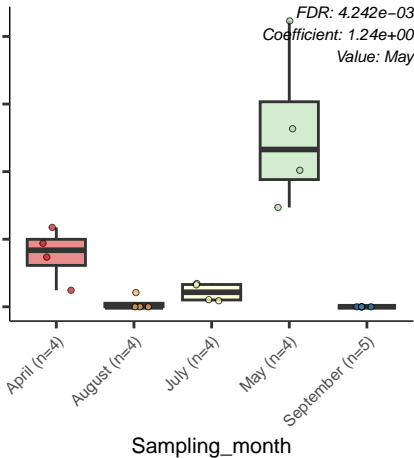


Halorubrum.arcis

FDR: 4.066e-03
Coefficient: 1.28e+00
Value: August



Nitzschia.frustulum



Sagittula.sp..P11

FDR: 4.679e-03
Coefficient: -4.50e-01
Value: August

April (n=4)

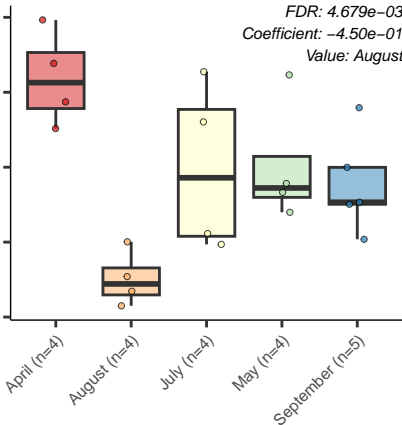
August (n=4)

July (n=4)

May (n=4)

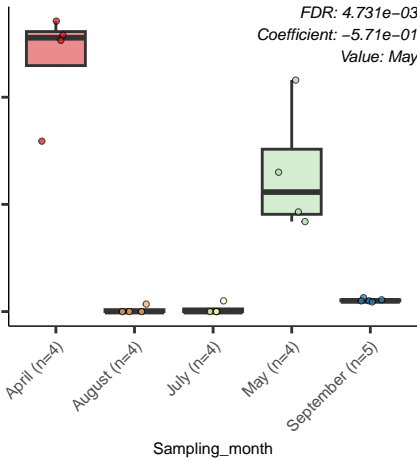
September (n=5)

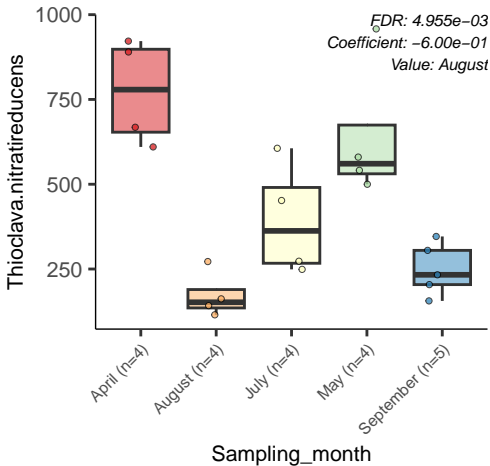
Sampling_month



uncultured.marine.eukaryote

FDR: $4.731e-03$
Coefficient: $-5.71e-01$
Value: May



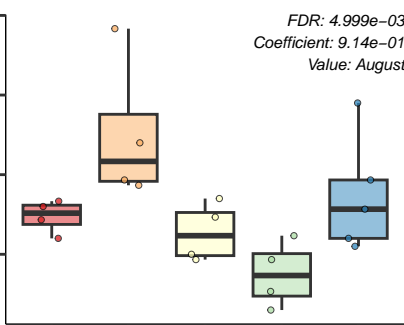


Bosea.sp..AS.1

FDR: 4.999e-03
Coefficient: 9.14e-01
Value: August

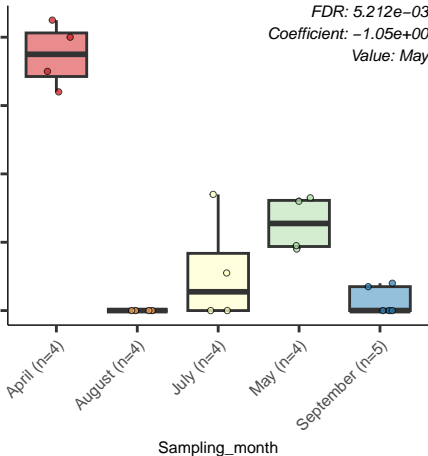
April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

Sampling_month

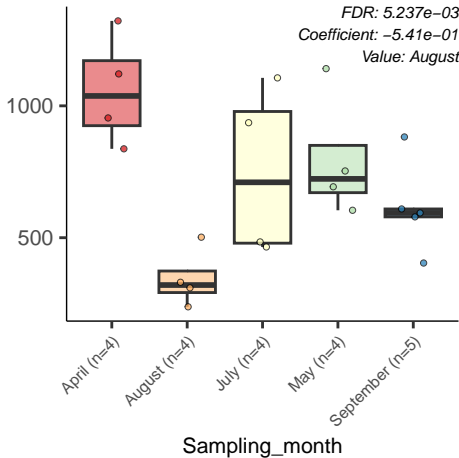


Polaribacter.reichenbachii

FDR: 5.212e-03
Coefficient: -1.05e+00
Value: May



Paracoccus.sp..CBA4604

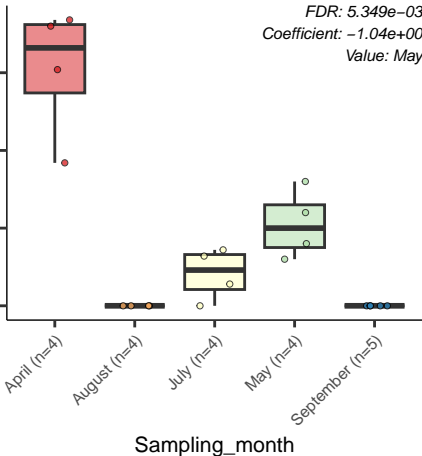


Lacinutrix.sp..Bg11.31

FDR: 5.349e-03

Coefficient: -1.04e+00

Value: May



Thioalkalivibrio.sulfidophilus

FDR: $5.361e-03$
Coefficient: $-1.06e+00$
Value: May

April (n=4)

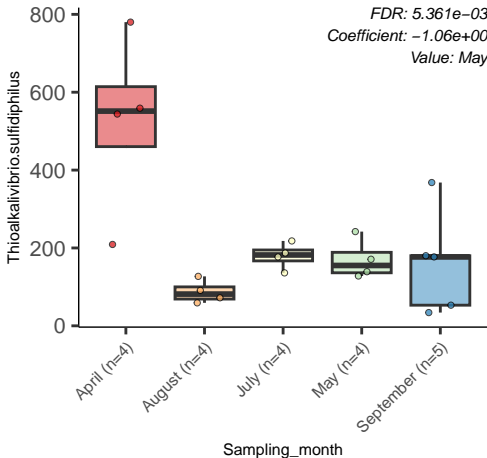
August (n=4)

July (n=4)

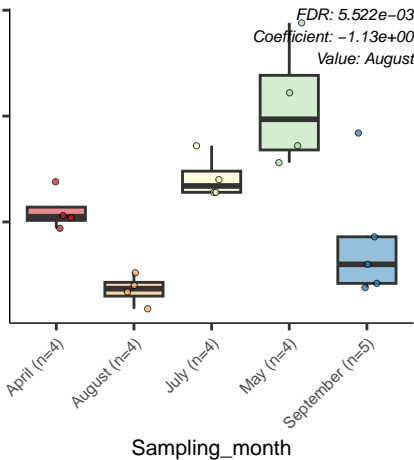
May (n=4)

September (n=5)

Sampling_month

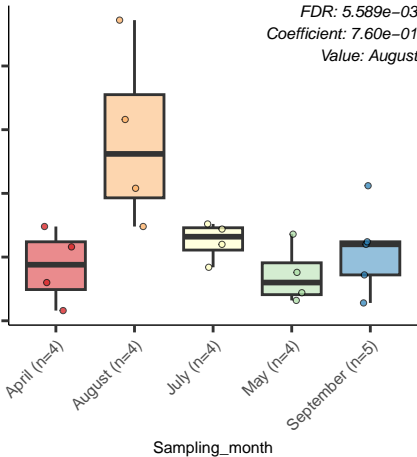


Halioglobus.pacificus



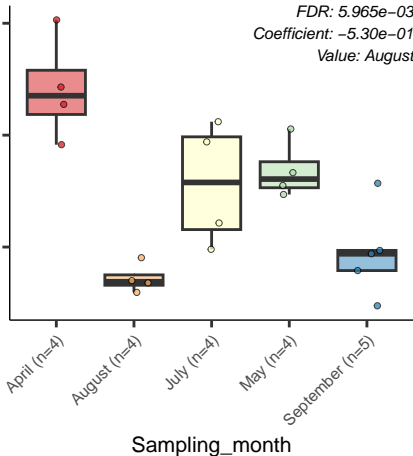
Pseudomonas.aeruginosa.group

FDR: 5.589e-03
Coefficient: 7.60e-01
Value: August



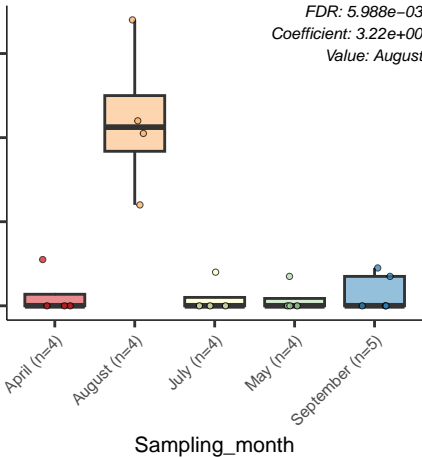
Jannaschia.sp..CCS1

FDR: $5.965e-03$
Coefficient: $-5.30e-01$
Value: August



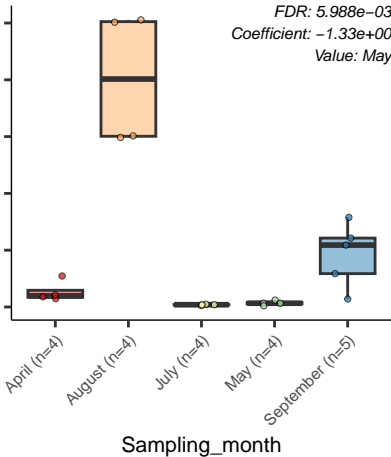
Melittangium.boletus

FDR: 5.988e-03
Coefficient: 3.22e+00
Value: August



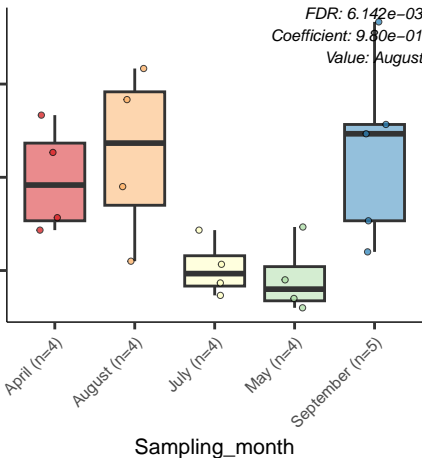
Halothece.sp..PCC.7418

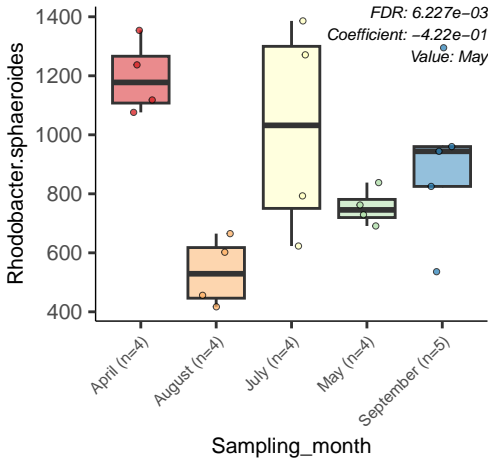
FDR: $5.988e-03$
Coefficient: $-1.33e+00$
Value: May



Roseomonas.gilardii

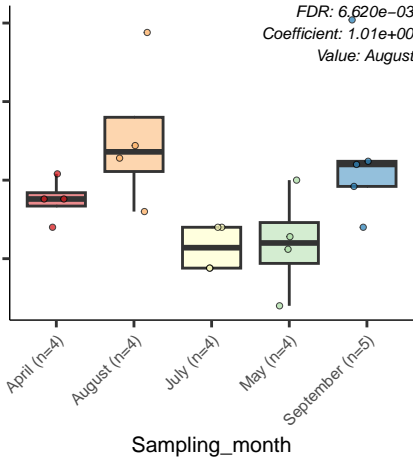
FDR: $6.142e-03$
Coefficient: $9.80e-01$
Value: August





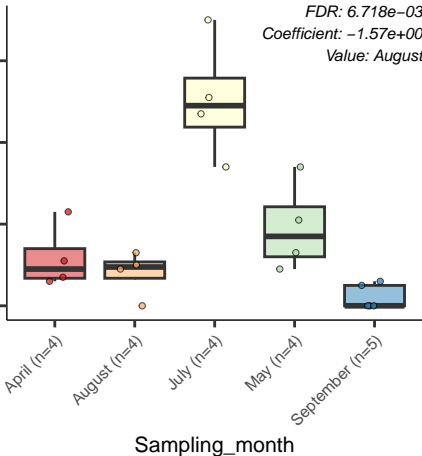
Rhodoplanes.sp..Z2.YC6860

FDR: $6.620e-03$
Coefficient: $1.01e+00$
Value: August



Pelobacter.acetylenicus

FDR: $6.718e-03$
Coefficient: $-1.57e+00$
Value: August

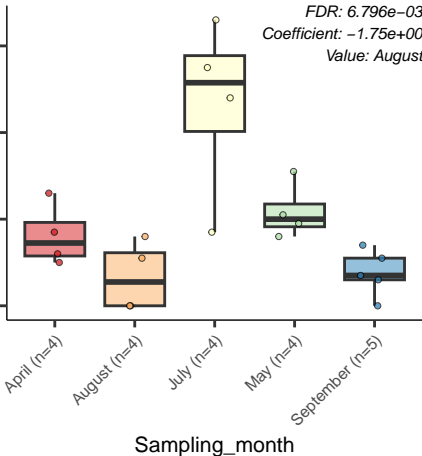


Bradyrhizobium.sp..BTai1

FDR: 6.796e-03

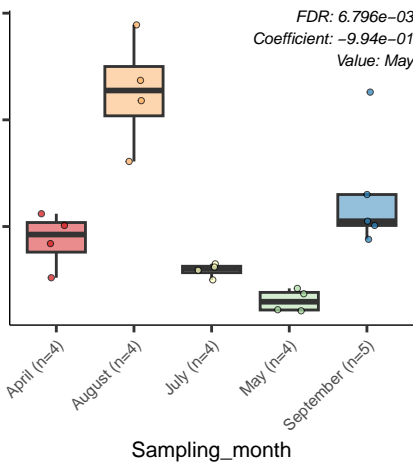
Coefficient: -1.75e+00

Value: August



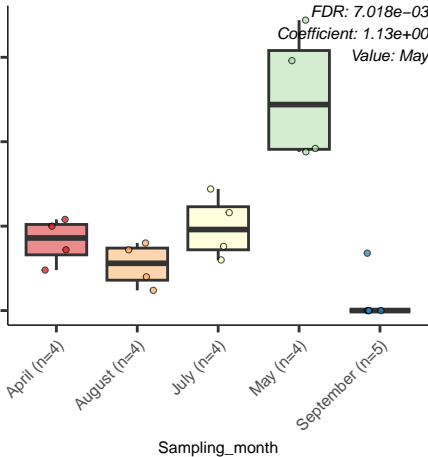
Azospirillum.lipoferum

FDR: $6.796e-03$
Coefficient: $-9.94e-01$
Value: May



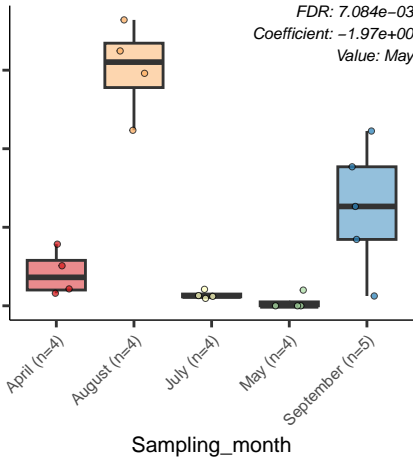
Methylophaga.nitratireducens

FDR: 7.018e-03
Coefficient: 1.13e+00
Value: May



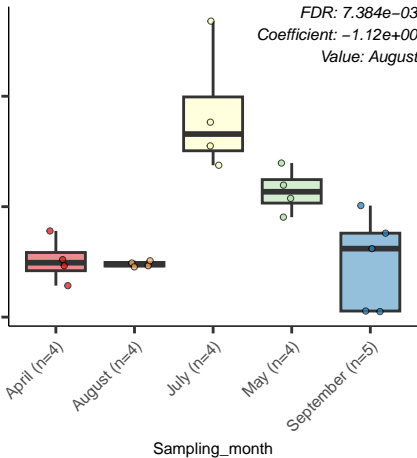
Rhodovibrio.sodomensis

FDR: $7.084e-03$
Coefficient: $-1.97e+00$
Value: May

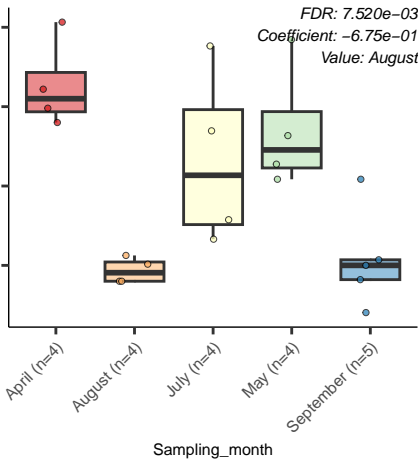


uncultured.Chloroflexi.bacterium

FDR: $7.384e-03$
Coefficient: $-1.12e+00$
Value: August

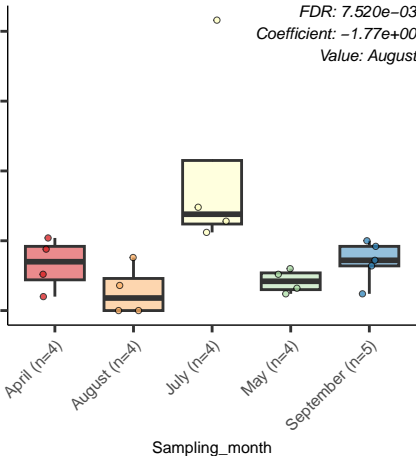


Antarctobacter.heliothermus



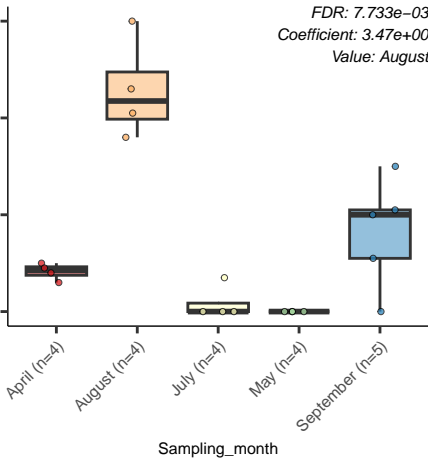
Sediminispirochaeta.smaragdinae

FDR: 7.520e-03
Coefficient: -1.77e+00
Value: August

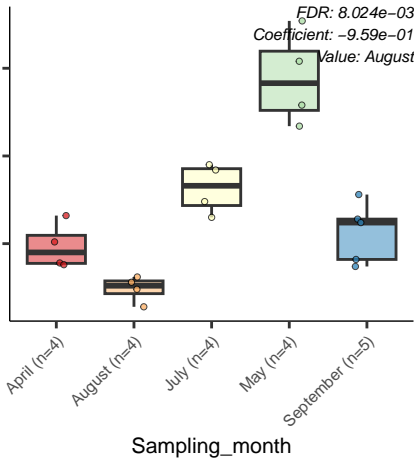


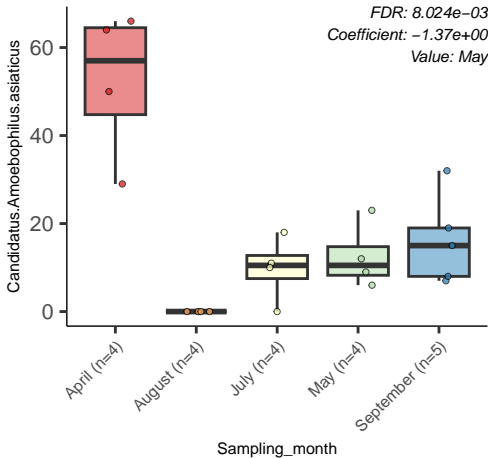
Mesorhizobium.sp..STM.4662

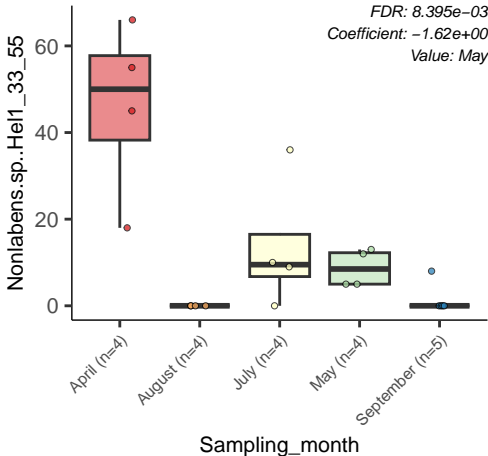
FDR: 7.733e-03
Coefficient: 3.47e+00
Value: August



Echinicola.vietnamensis





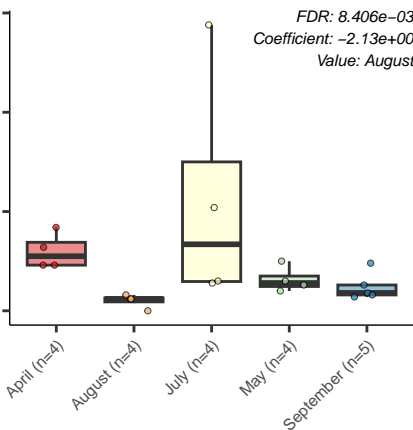


Croceibacter.atlanticus

FDR: 8.406e-03
Coefficient: -2.13e+00
Value: August

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

Sampling_month



Phormidium.lucidum

FDR: 8.465e-03

Coefficient: 1.01e+00

Value: May

April (n=4)

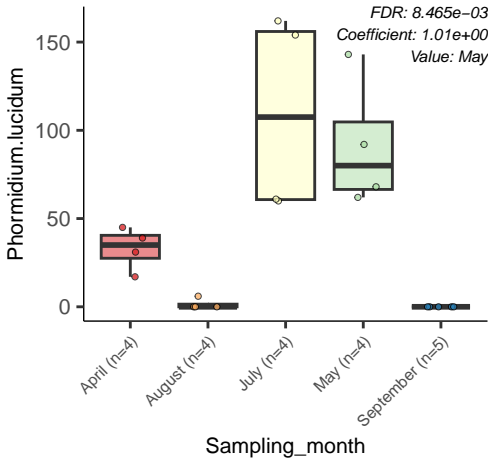
August (n=4)

July (n=4)

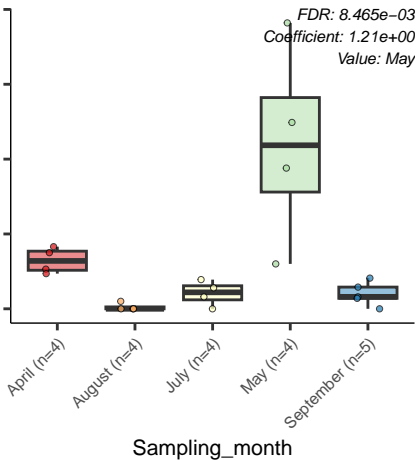
May (n=4)

September (n=5)

Sampling_month



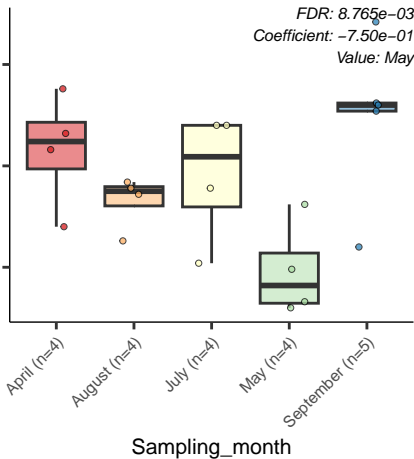
Didymosphenia.geminata

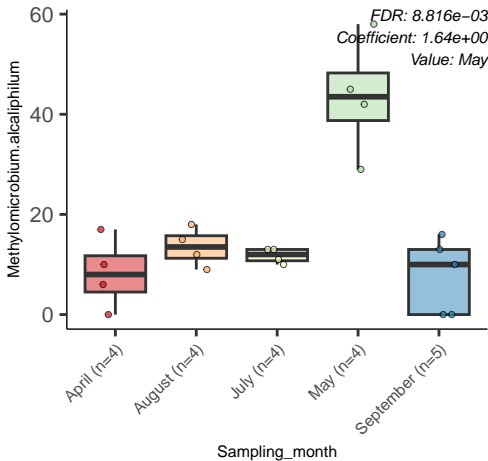


FDR: 8.465e-03
Coefficient: 1.21e+00
Value: May

Sampling_month

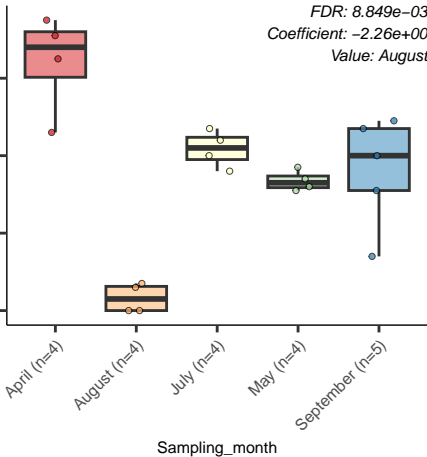
Paracoccus.aestuarii



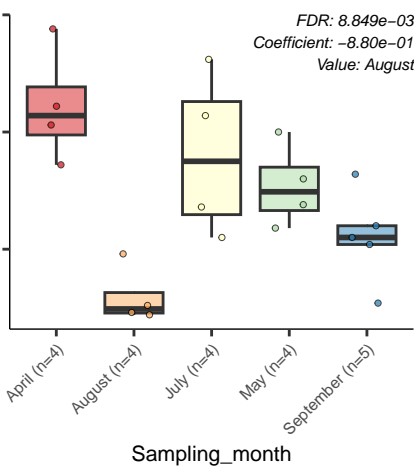


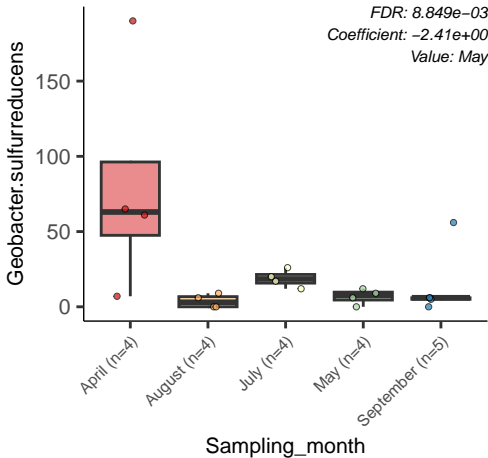
Microbulbifer.thermotolerans

FDR: $8.849e-03$
Coefficient: $-2.26e+00$
Value: August



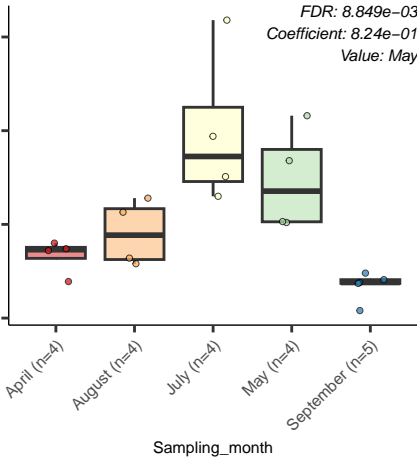
Roseobacter.sp..KT0202a



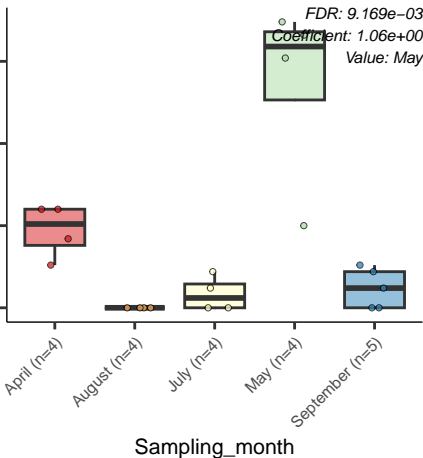


Cyclobacterium.amurskyense

FDR: 8.849e-03
Coefficient: 8.24e-01
Value: May

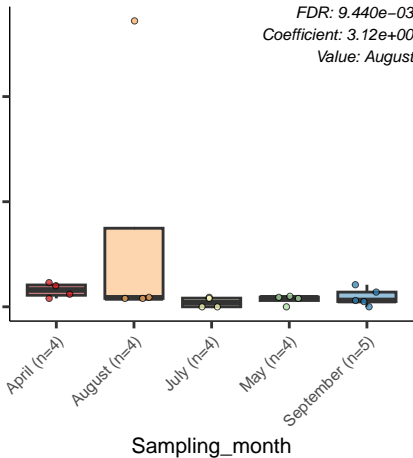


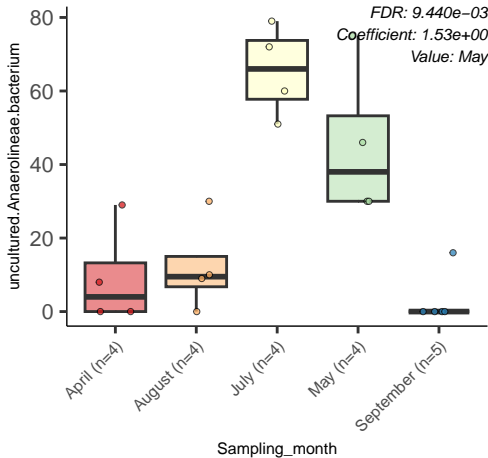
uncultured.prasinophyte



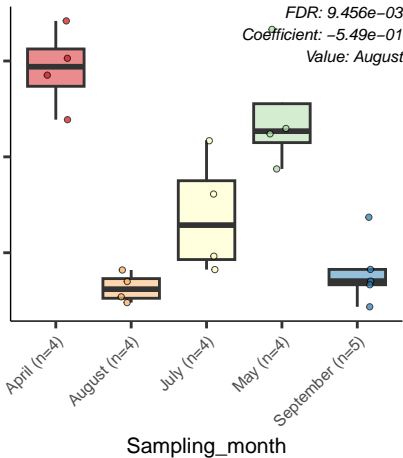
Sphingobium.yanoikuyae

FDR: $9.440e-03$
Coefficient: $3.12e+00$
Value: August



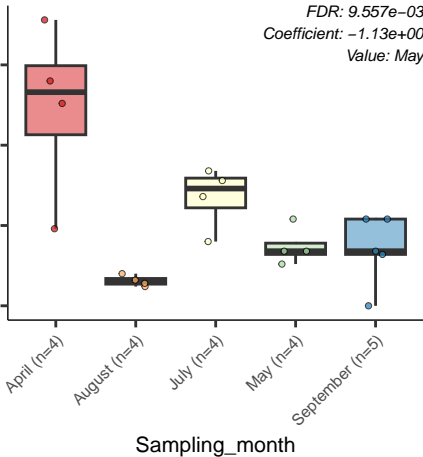


Sulfitobacter.sp..AM1.D1



Dokdonella.koreensis

FDR: $9.557e-03$
Coefficient: $-1.13e+00$
Value: May



Lutibacter.sp..LPB0138

FDR: $9.594e-03$

Coefficient: $-1.50e+00$

Value: August

April (n=4)

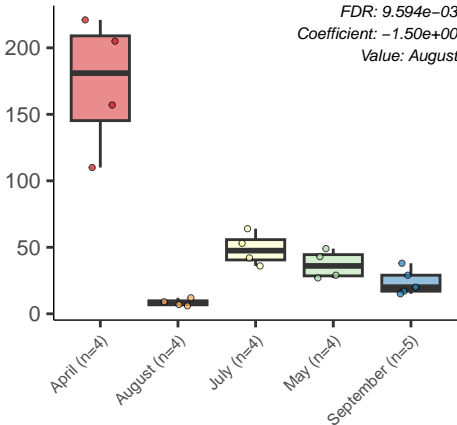
August (n=4)

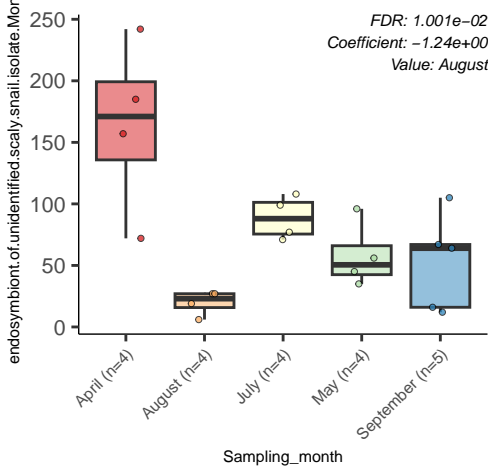
July (n=4)

May (n=4)

September (n=5)

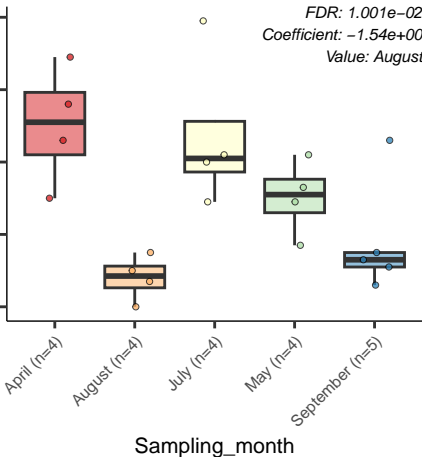
Sampling_month

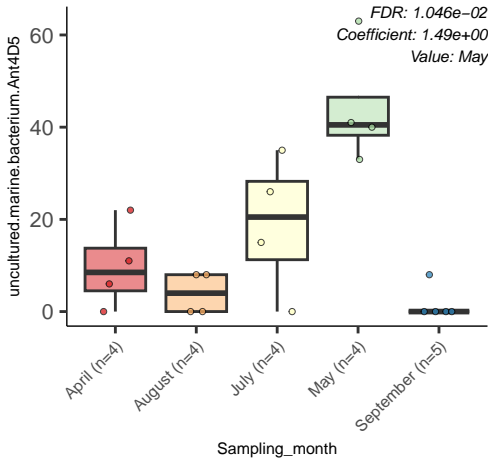




Aequorivita.sublithicola

FDR: $1.001e-02$
Coefficient: $-1.54e+00$
Value: August





Candidatus.Fluvicola.riflensis

FDR: $1.046e-02$
Coefficient: $-1.40e+00$
Value: May

April (n=4)

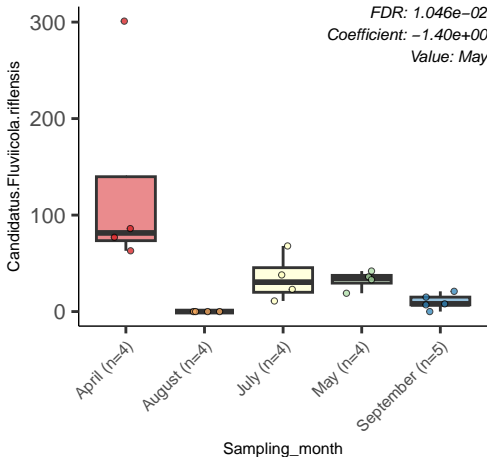
August (n=4)

July (n=4)

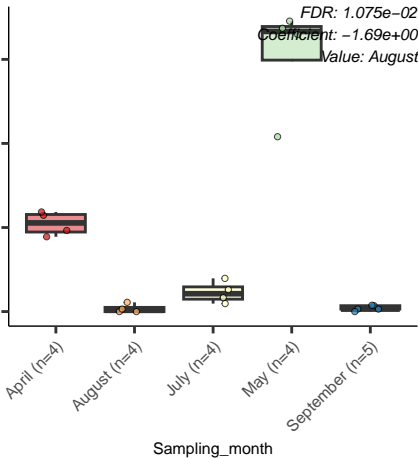
May (n=4)

September (n=5)

Sampling_month

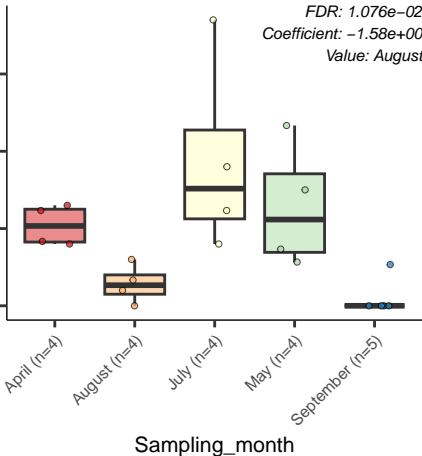


Pseudo.nitzschia.multiseres

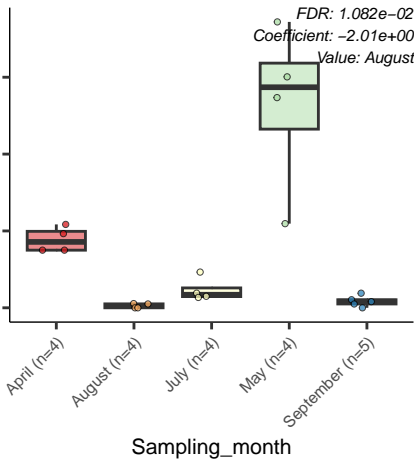


Maribacter.sp..HTCC2170

FDR: 1.076e-02
Coefficient: -1.58e+00
Value: August

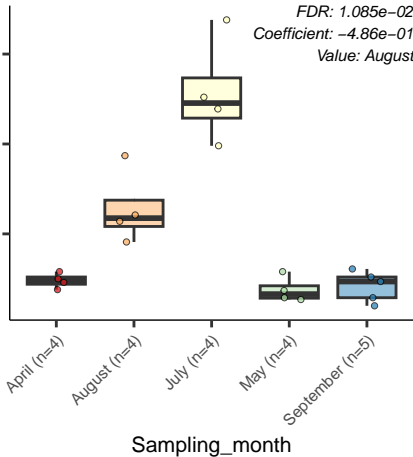


Durinskia.baltica



Spiribacter.salinus

FDR: 1.085e-02
Coefficient: -4.86e-01
Value: August



Tateyamaria.omphalii

FDR: 1.102e-02
Coefficient: -8.59e-01
Value: August

April (n=4)

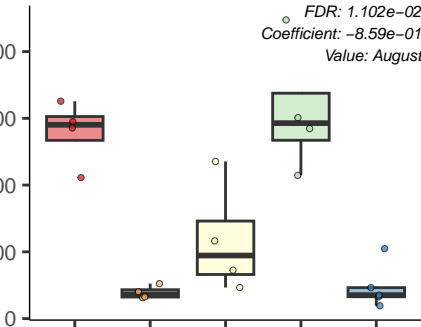
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month



Pseudanabaena.sp..PCC.9015

FDR: 1.102e-02
Coefficient: 1.21e+00
Value: May

April (n=4)

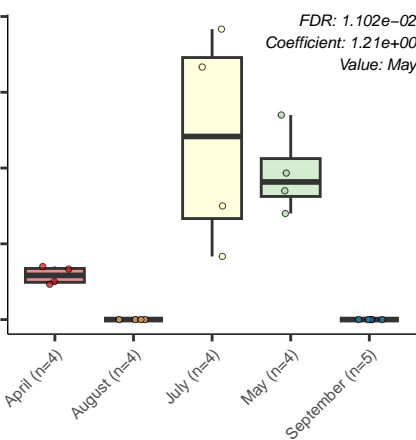
August (n=4)

July (n=4)

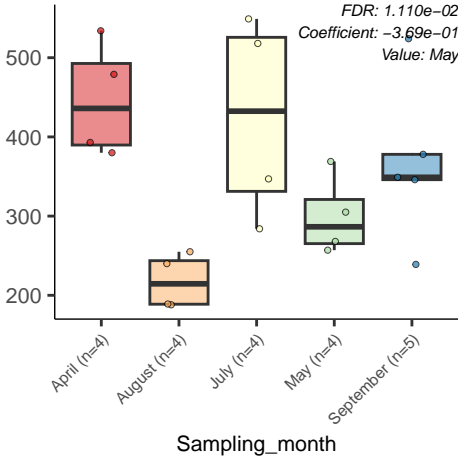
May (n=4)

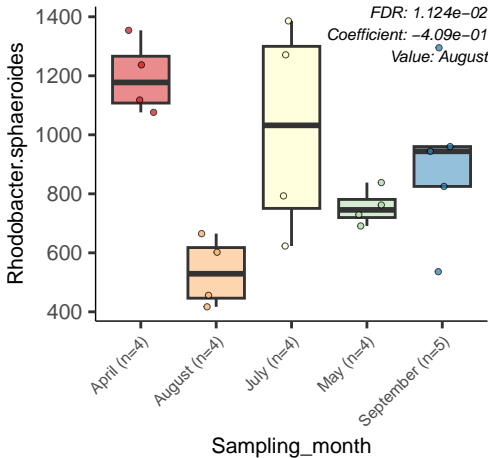
September (n=5)

Sampling_month



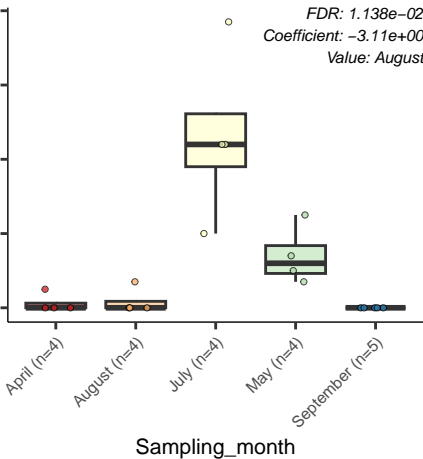
Paracoccus.denitrificans

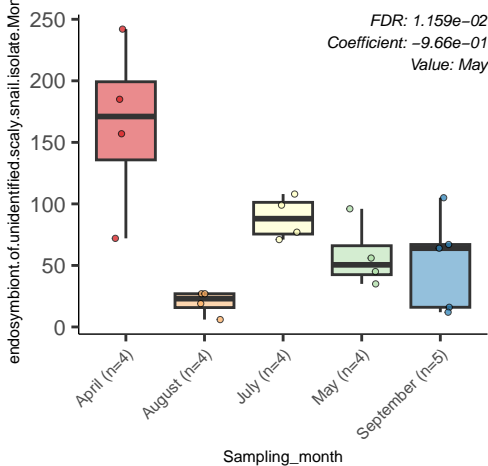




Sulfurimonas.autotrophica

FDR: $1.138e-02$
Coefficient: $-3.11e+00$
Value: August





Cellulophaga.lytica

FDR: $1.181e-02$
Coefficient: $-7.20e-01$
Value: May

April (n=4)

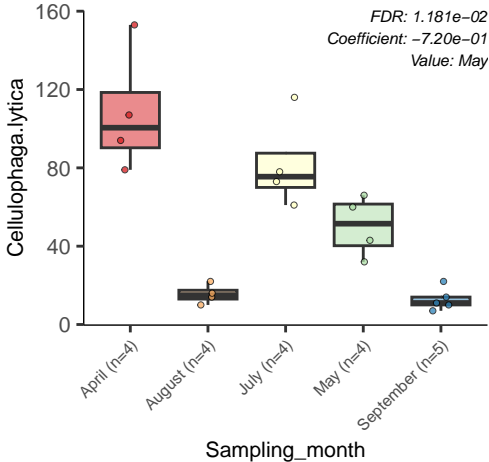
August (n=4)

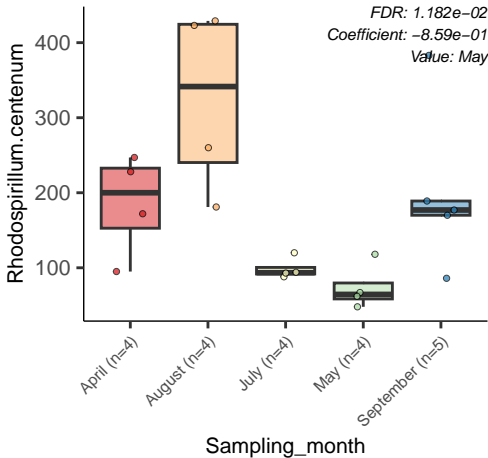
July (n=4)

May (n=4)

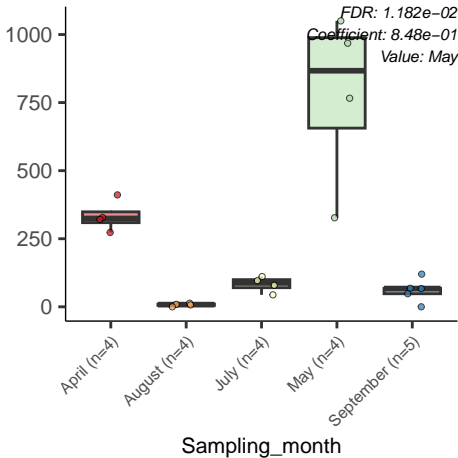
September (n=5)

Sampling_month



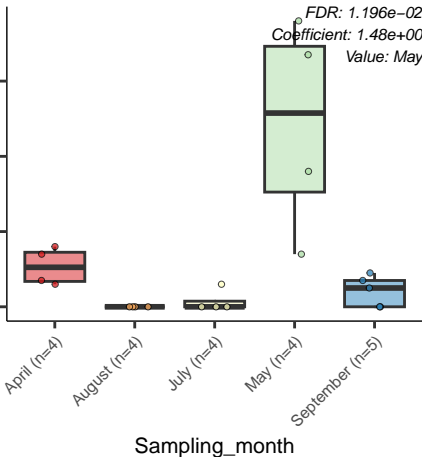


Phaeodactylum.tricornutum



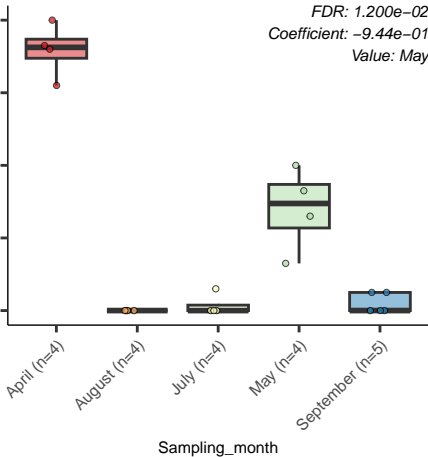
Roundia.cardiophora

FDR: 1.196e-02
Coefficient: 1.48e+00
Value: May



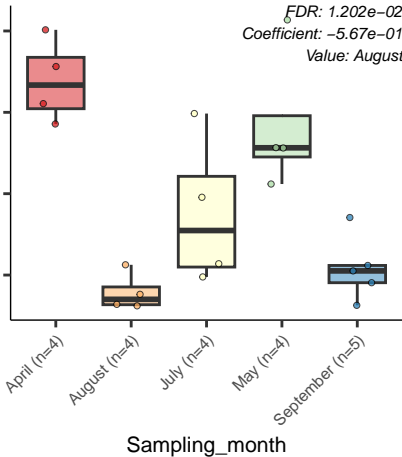
Glaciecola.nitrateducens

FDR: 1.200e-02
Coefficient: -9.44e-01
Value: May



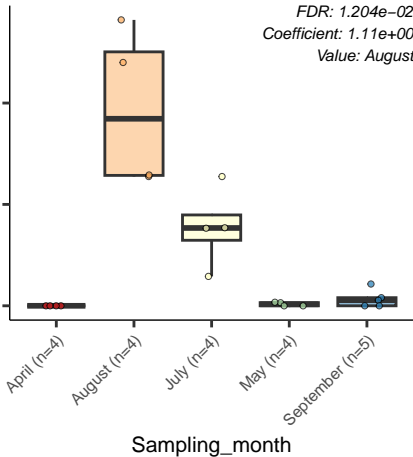
Dinoroseobacter.shibae

$FDR: 1.202e-02$
 $Coefficient: -5.67e-01$
Value: August

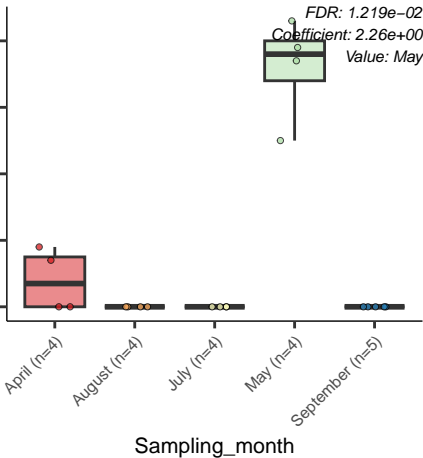


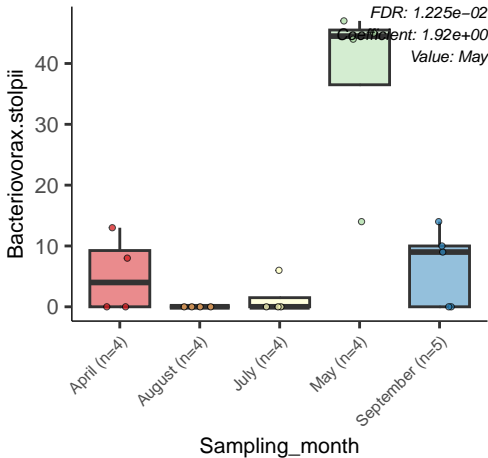
Halovirus.HRTV.5

FDR: 1.204e-02
Coefficient: 1.11e+00
Value: August

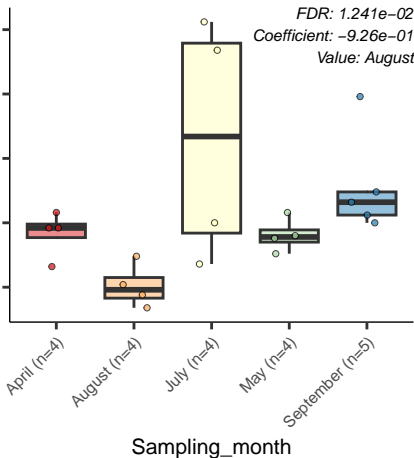


Rhizochromulina.marina



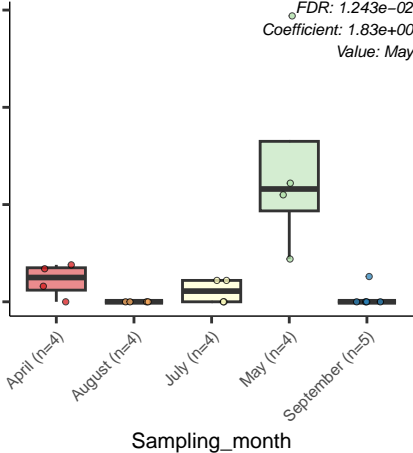


Porphyrabacter.sp..LM.6



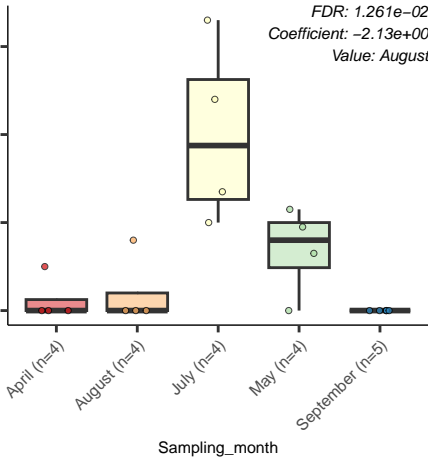
Vibrio.anguillarum

FDR: 1.243e-02
Coefficient: 1.83e+00
Value: May

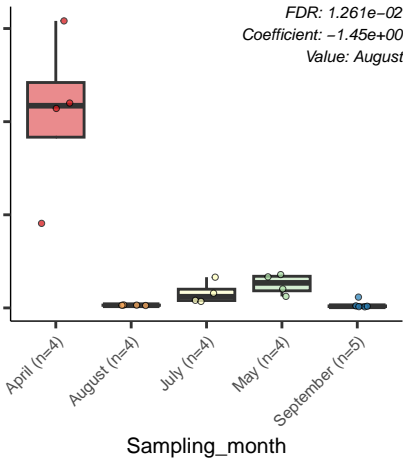


Desulfuromonas.acetoxidans

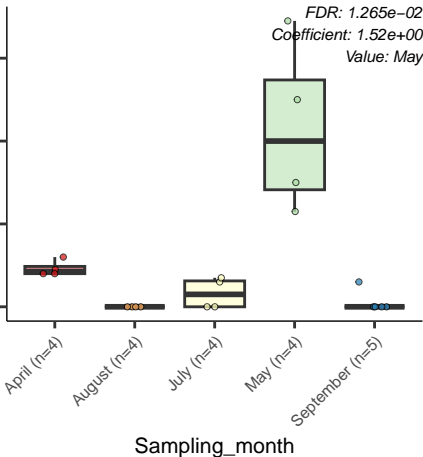
FDR: 1.261e-02
Coefficient: -2.13e+00
Value: August



Winogradskyella.sp..PG.2

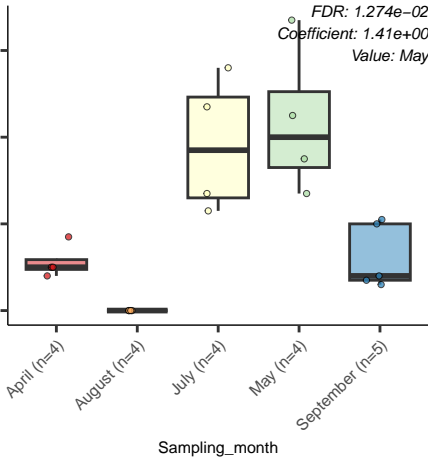


Leptocylindrus.danicus

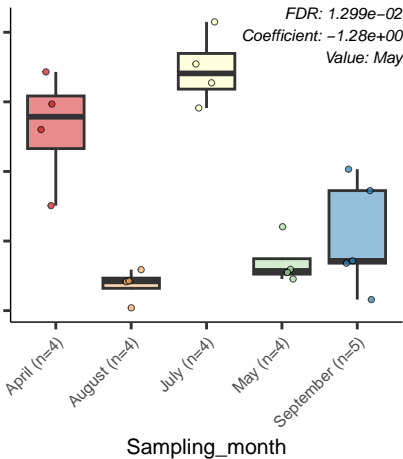


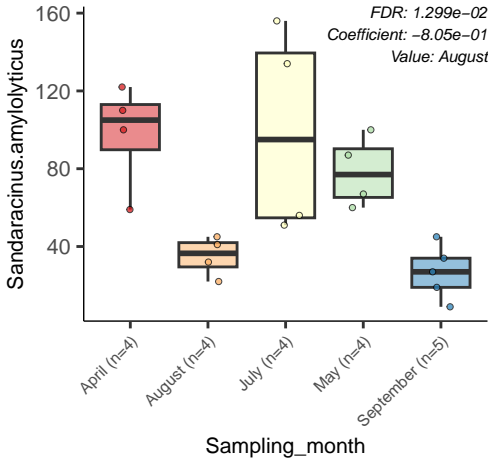
Ichthyobacterium.seriolicida

FDR: 1.274e-02
Coefficient: 1.41e+00
Value: May



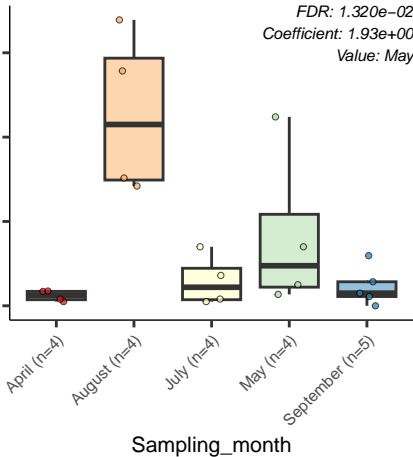
Marinobacter.sp..es.042

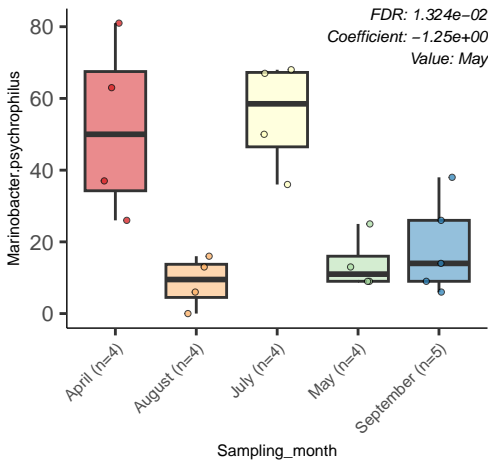




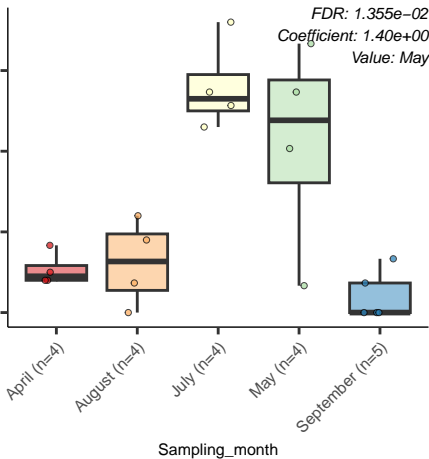
Halovirus.HRTV.4

FDR: 1.320e-02
Coefficient: 1.93e+00
Value: May



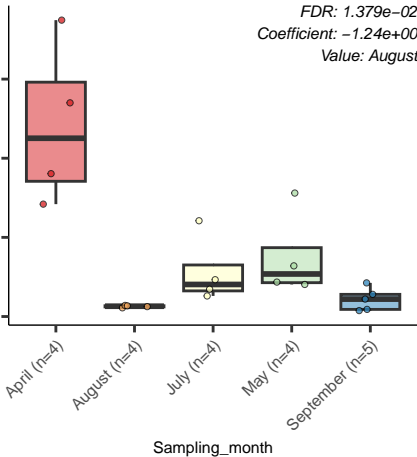


Desulfuromonas.soudanensis



Maribacter.sp..1_2014MBL_MicDiv

FDR: $1.379e-02$
Coefficient: $-1.24e+00$
Value: August

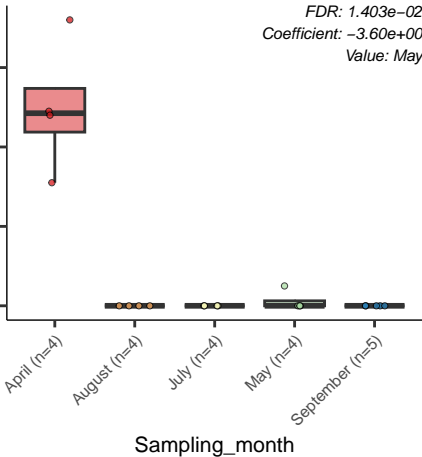


Amphidinium.carterae

FDR: 1.403e-02

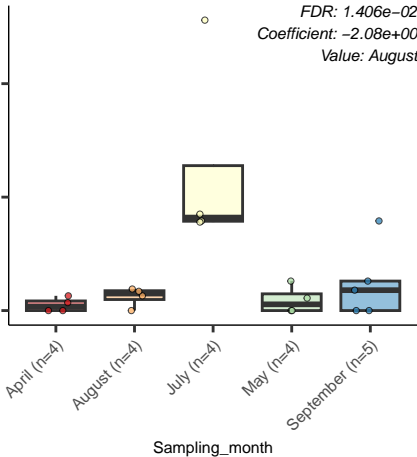
Coefficient: -3.60e+00

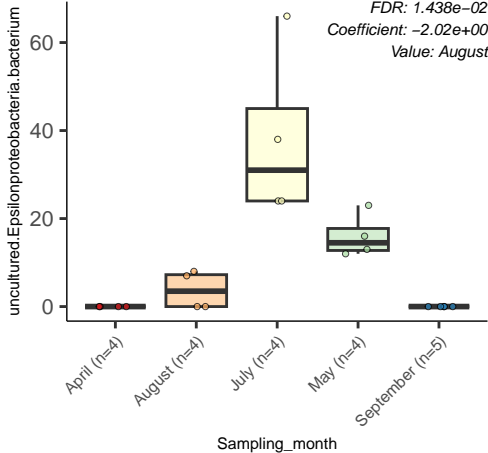
Value: May



Prosthecochloris.sp..CIB.2401

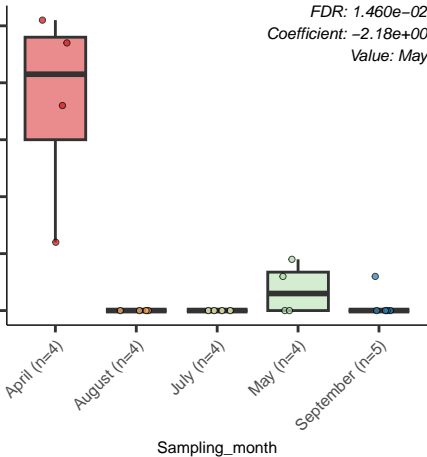
FDR: 1.406e-02
Coefficient: -2.08e+00
Value: August





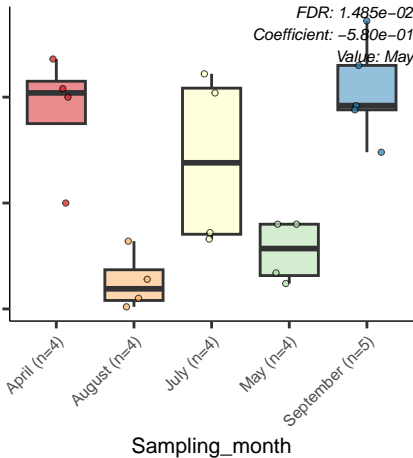
Polaribacter.sp..Hel1_33_78

FDR: $1.460e-02$
Coefficient: $-2.18e+00$
Value: May

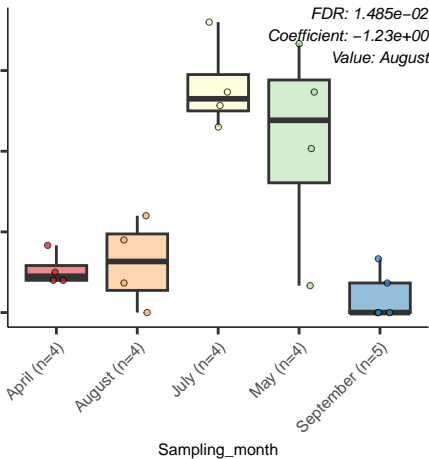


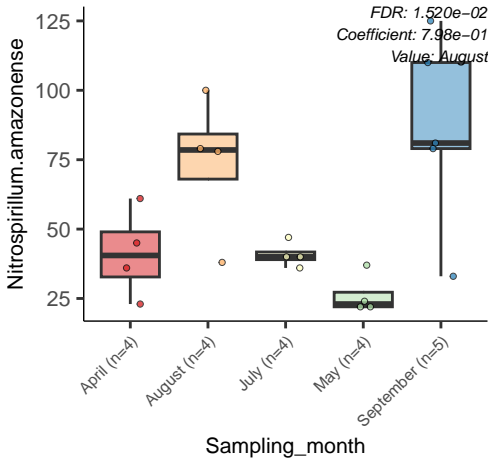
Chelatococcus.daeguensis

FDR: $1.485e-02$
Coefficient: $-5.80e-01$
Value: May



Desulfuromonas.soudanensis





Sphingobacterium.sp..21

FDR: $1.526e-02$

Coefficient: $-3.37e+00$

Value: August

April (n=4)

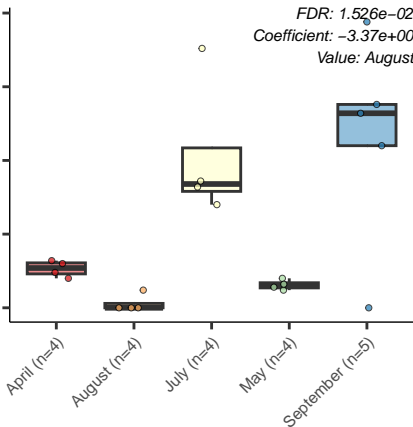
August (n=4)

July (n=4)

May (n=4)

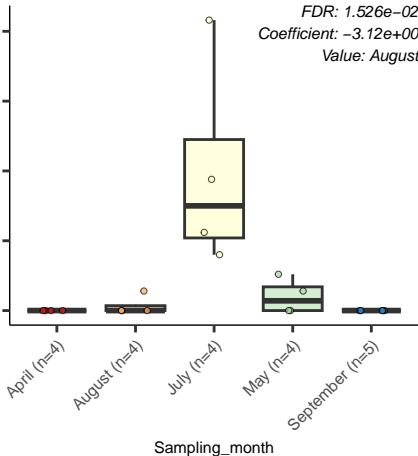
September (n=5)

Sampling_month



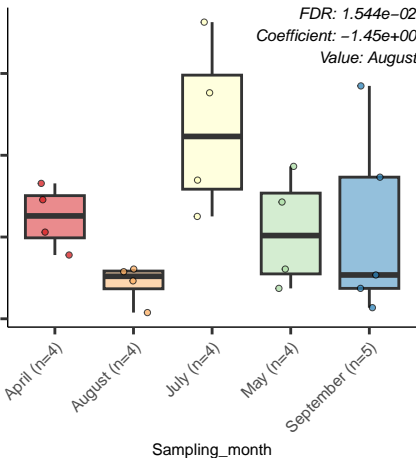
Candidatus.Lzimiplasma.sp..HR1

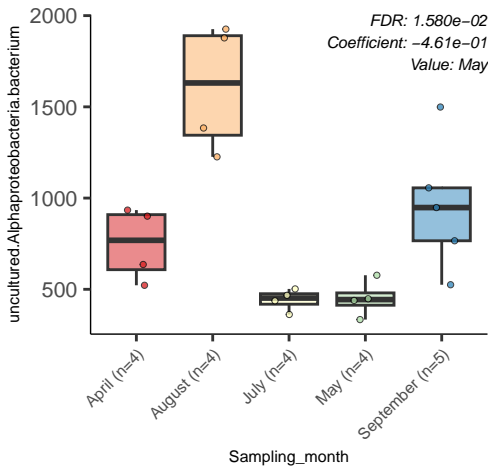
FDR: 1.526e-02
Coefficient: -3.12e+00
Value: August

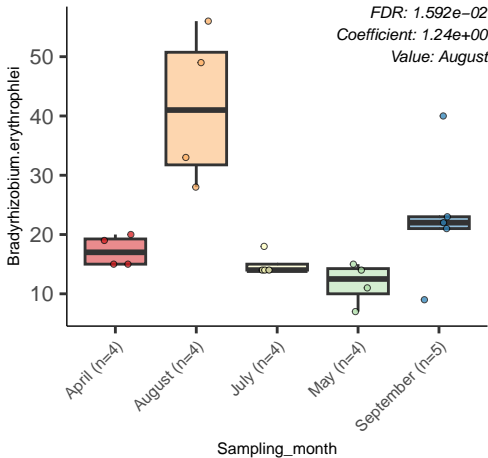


Marinobacter.hydrocarbonoclasticus

FDR: 1.544e-02
Coefficient: -1.45e+00
Value: August

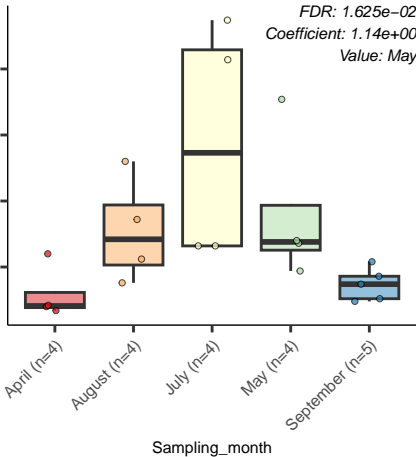


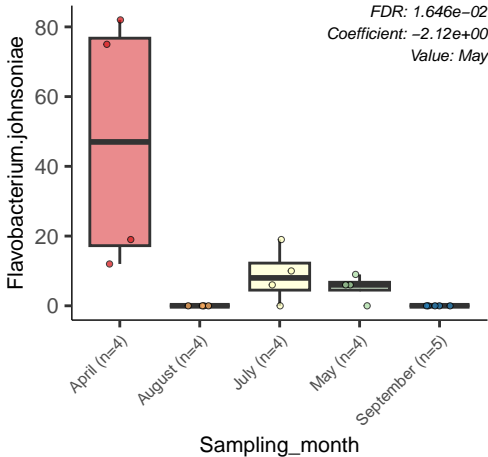




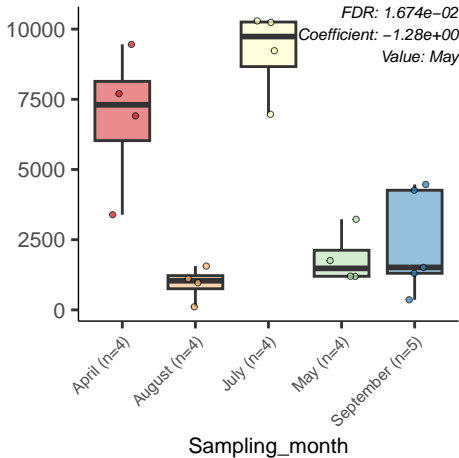
Spingopyxis.macrogoltabida

FDR: 1.625e-02
Coefficient: 1.14e+00
Value: May



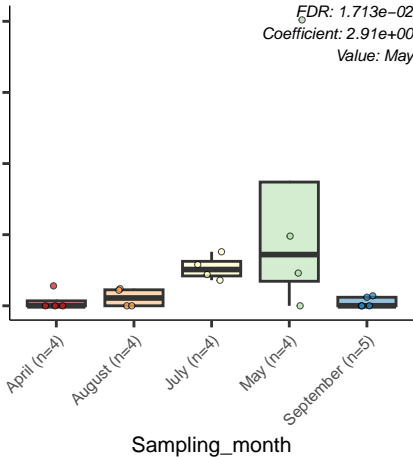


Marinobacter.adhaerens



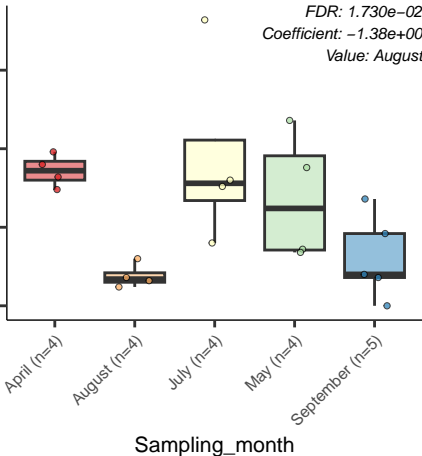
Planococcus.rifiotoensis

FDR: 1.713e-02
Coefficient: 2.91e+00
Value: May



Seonamhaeicola.sp..S2.3

FDR: $1.730e-02$
Coefficient: $-1.38e+00$
Value: August



Ulnaria.acus

100

50

0

April (n=4)

August (n=4)

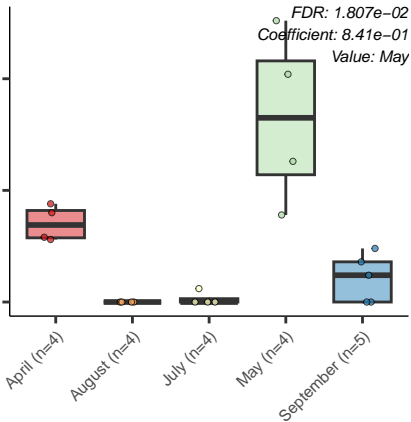
July (n=4)

May (n=4)

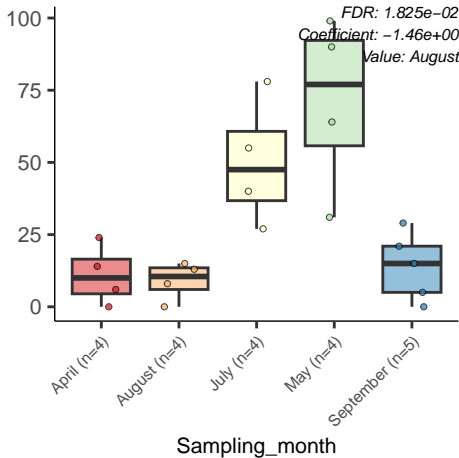
September (n=5)

Sampling_month

FDR: $1.807e-02$
Coefficient: $8.41e-01$
Value: May



Methylophaga.frappieri

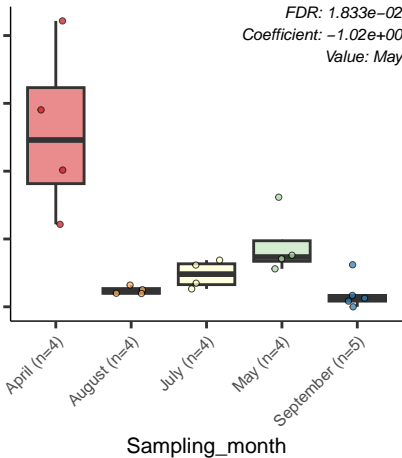


Planktomarina.temperata

FDR: 1.833e-02

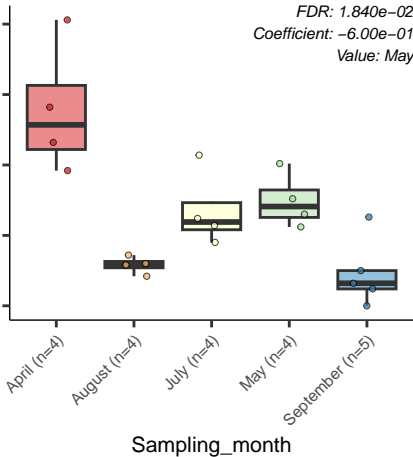
Coefficient: -1.02e+00

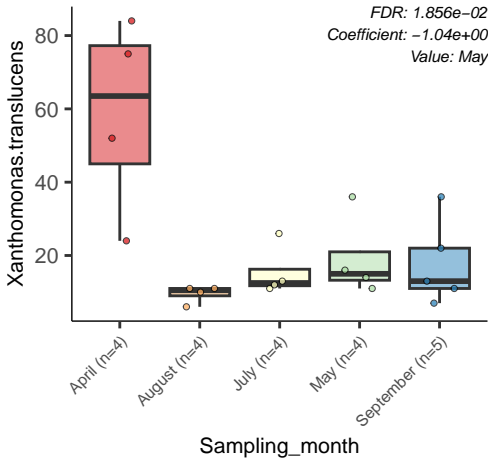
Value: May



Octadecabacter.arcticus

FDR: 1.840e-02
Coefficient: -6.00e-01
Value: May





uncultured.archaeon

FDR: 1.875e-02
Coefficient: 1.11e+00
Value: August

3000
2000
1000
0

April (n=4)

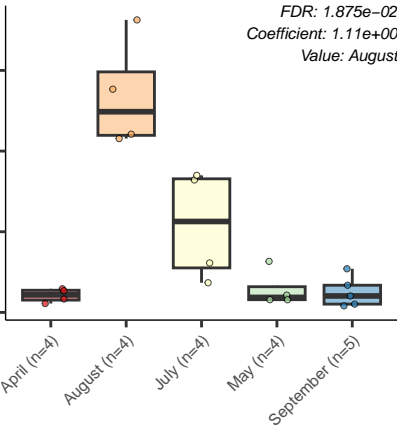
August (n=4)

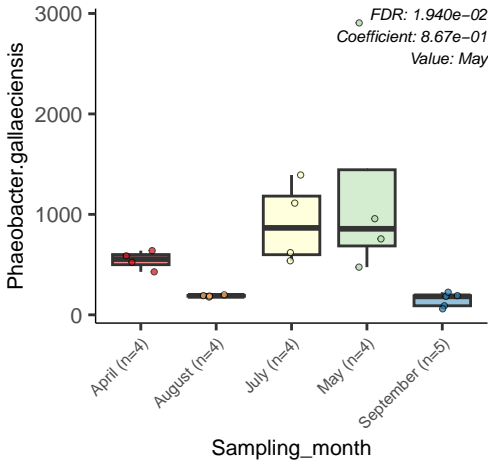
July (n=4)

May (n=4)

September (n=5)

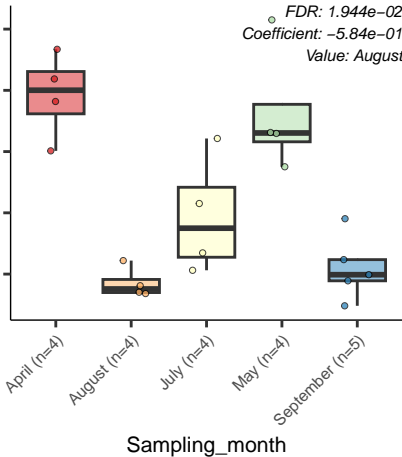
Sampling_month

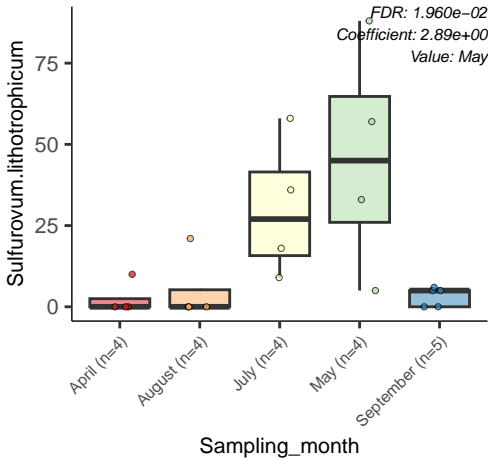




Marinovum.algicola

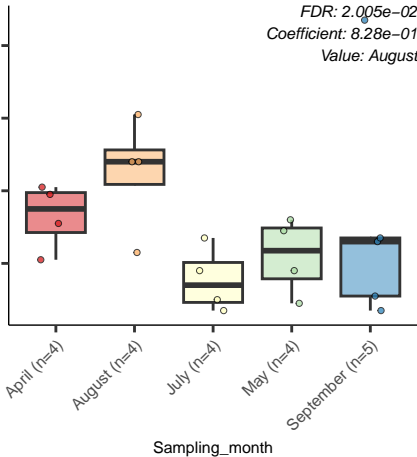
FDR: 1.944e-02
Coefficient: -5.84e-01
Value: August





Pannonibacter.phragmitetus

FDR: $2.005e-02$
Coefficient: $8.28e-01$
Value: August



Desulfuromonas.sp..DDH964

FDR: 2.087e-02
Coefficient: 1.00e+00
Value: May

100

50

0

April (n=4)

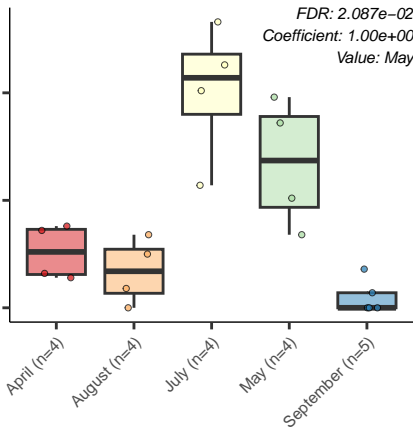
August (n=4)

July (n=4)

May (n=4)

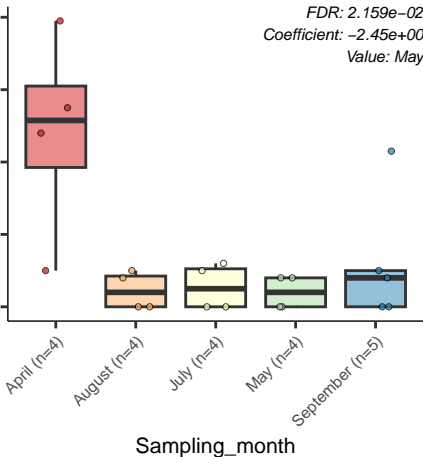
September (n=5)

Sampling_month



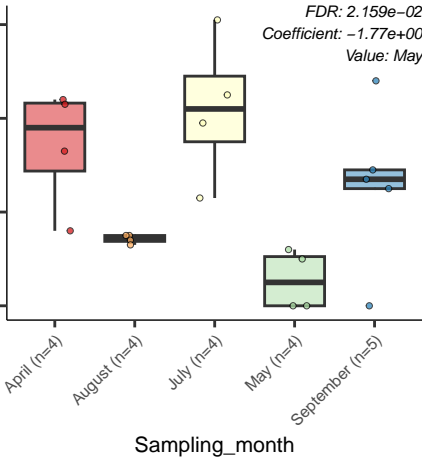
Aeromonas.hydrophila

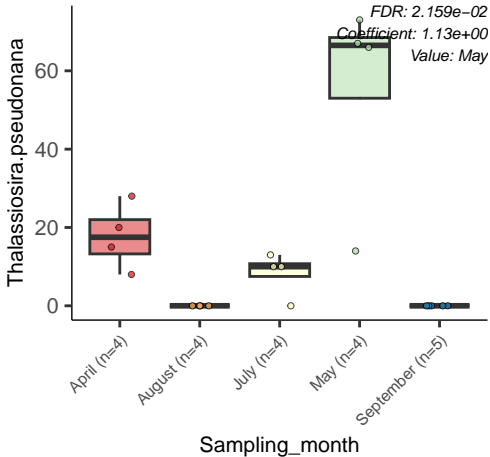
FDR: $2.159e-02$
Coefficient: $-2.45e+00$
Value: May



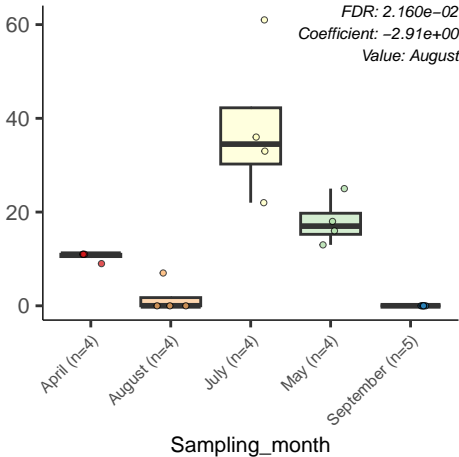
Porifera.rhodea

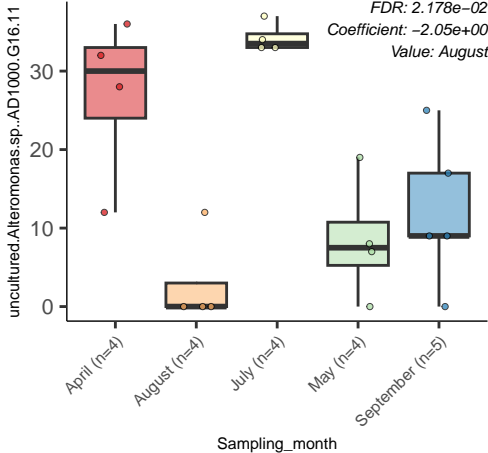
FDR: 2.159×10^{-2}
Coefficient: -1.77×10^0
Value: May





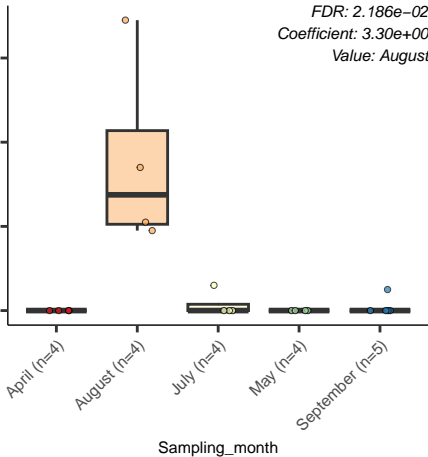
Lutibacter.profundii





Chromohalobacter.nigrandesensis

FDR: 2.186e-02
Coefficient: 3.30e+00
Value: August

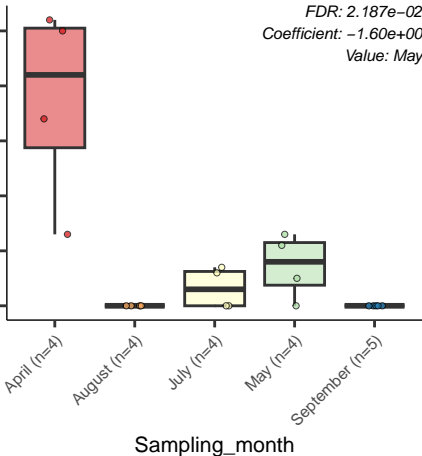


Dokdonia.donghaensis

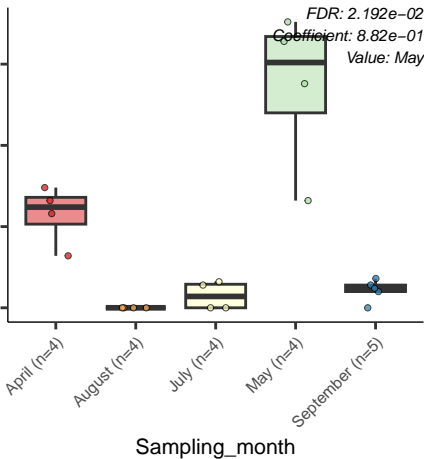
FDR: 2.187e-02

Coefficient: -1.60e+00

Value: May

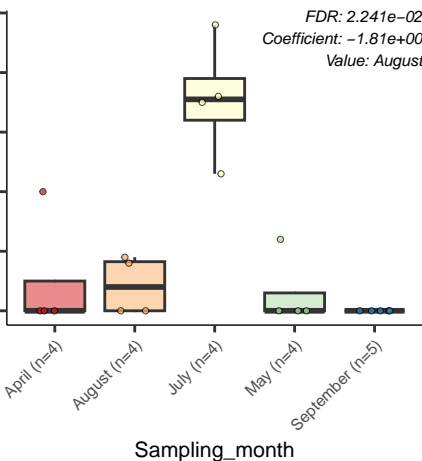


Asterionella.formosa

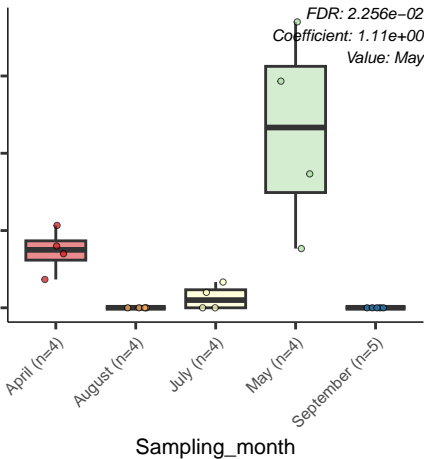


Gracilimonas.sp..HME9591

FDR: 2.241e-02
Coefficient: -1.81e+00
Value: August



Lithodesmium.undulatum

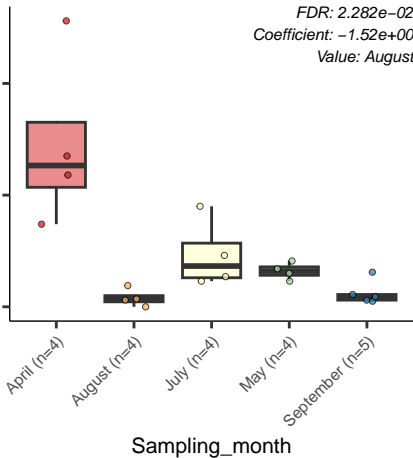


Nonlabens.spongiae

FDR: 2.282e-02

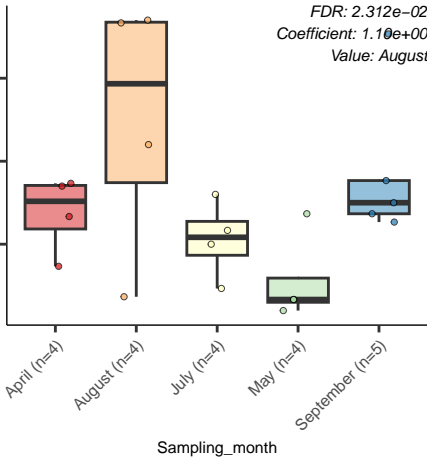
Coefficient: -1.52e+00

Value: August

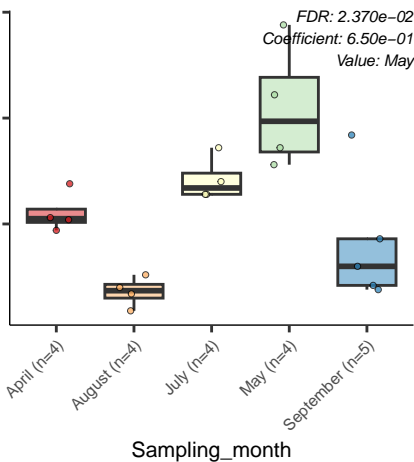


Magnetospirillum.gryphiswaldense

FDR: 2.312e-02
Coefficient: 1.10e+00
Value: August

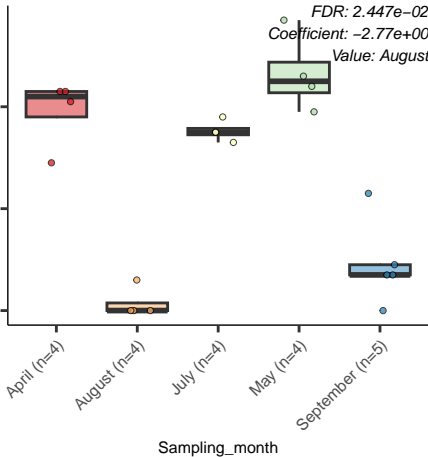


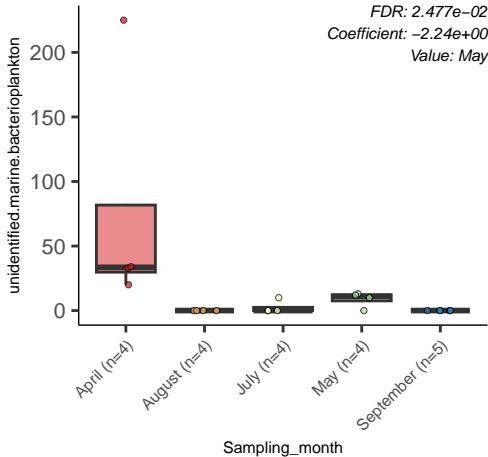
Halioglobus.pacificus



uncultured.Cryomorphaceae.bacterium

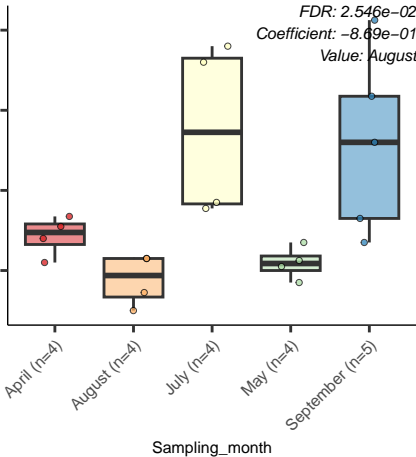
FDR: $2.447e-02$
Coefficient: $-2.77e+00$
Value: August





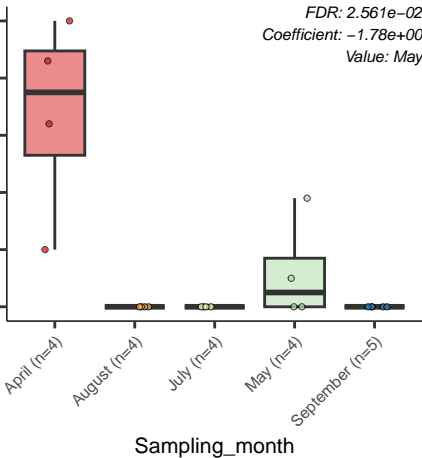
Porphyrrobacter.sp..CACIAM.03H1

FDR: 2.546e-02
Coefficient: -8.69e-01
Value: August



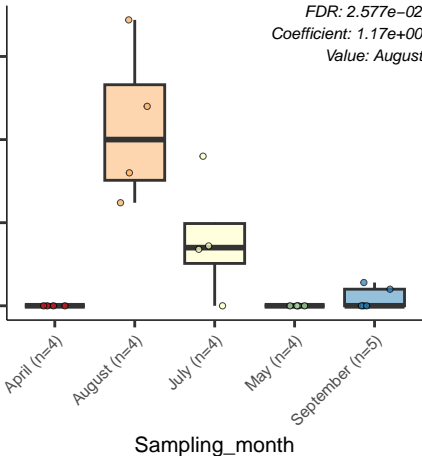
Tenacibaculum.todarodis

FDR: 2.561e-02
Coefficient: -1.78e+00
Value: May

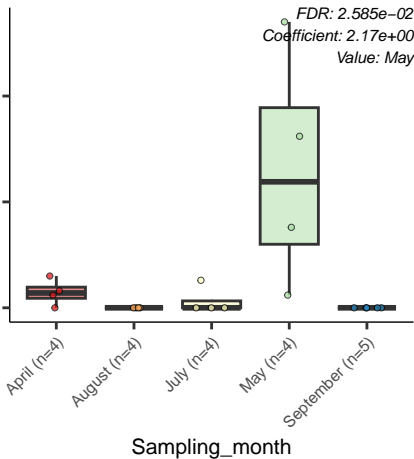


Halomicrobium.zhouii

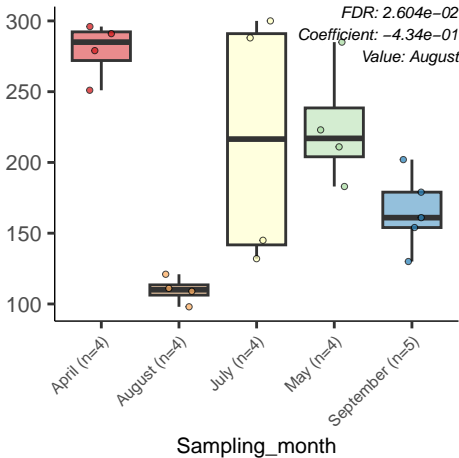
FDR: 2.577e-02
Coefficient: 1.17e+00
Value: August



Canuella.perplexa

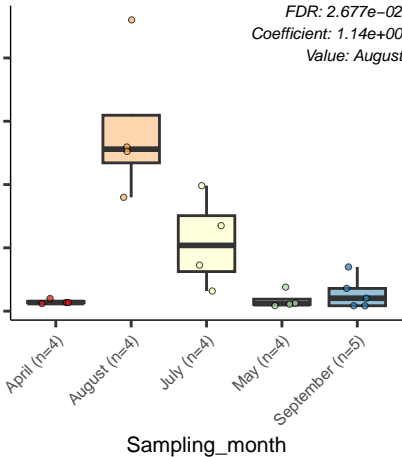


Rhodobacter.capsulatus



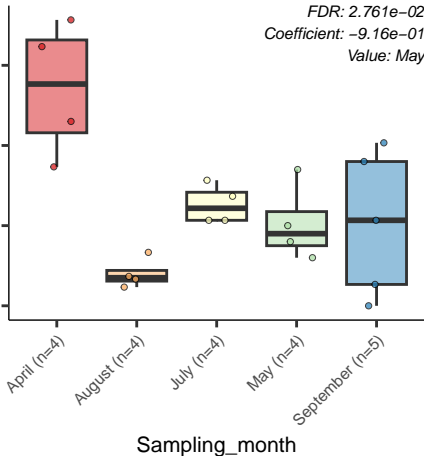
Haloferax.volcanii

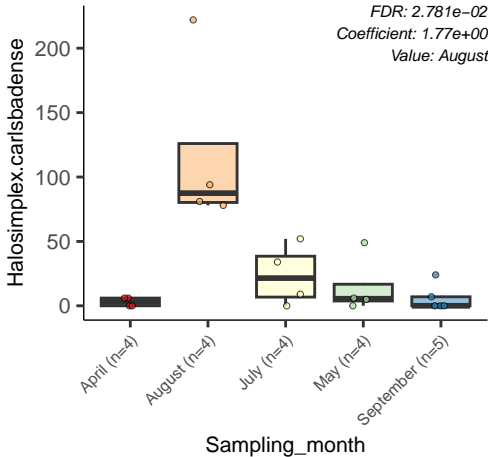
FDR: 2.677e-02
Coefficient: 1.14e+00
Value: August



Sulfurifustis.variabilis

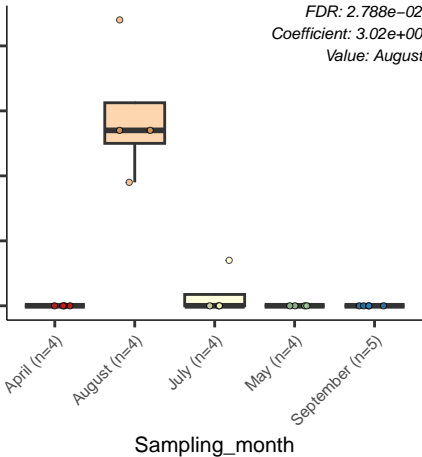
FDR: 2.761e-02
Coefficient: -9.16e-01
Value: May





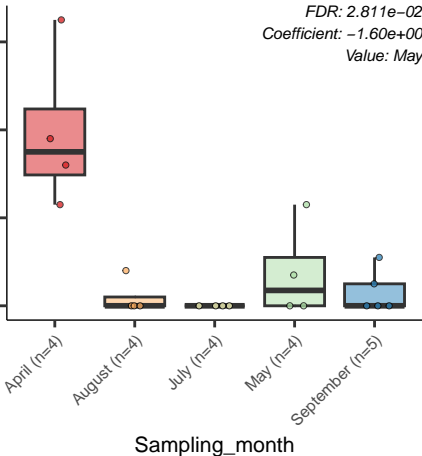
Halolamina.salina

FDR: 2.788e-02
Coefficient: 3.02e+00
Value: August



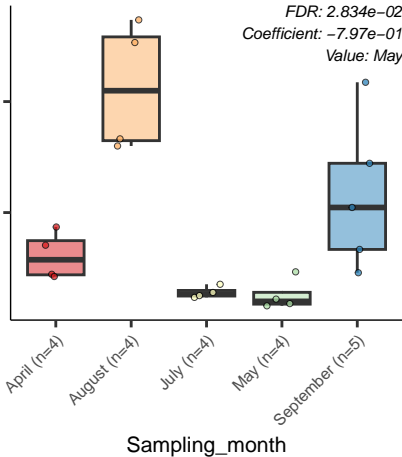
Isochrysis.galbana

FDR: $2.811e-02$
Coefficient: $-1.60e+00$
Value: May



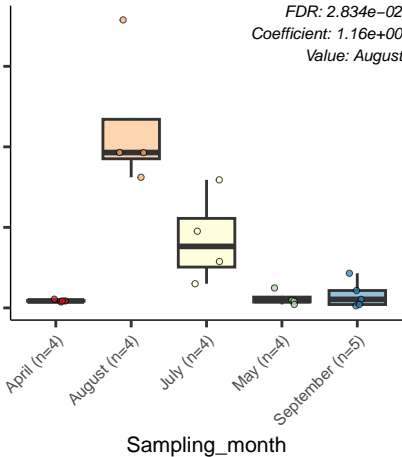
Tistrella.mobilis

FDR: $2.834e-02$
Coefficient: $-7.97e-01$
Value: May



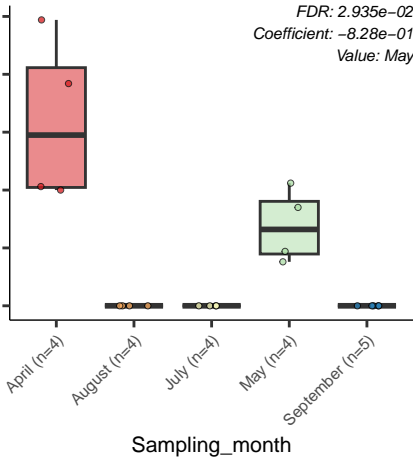
Halobacterium.sp.:GN101

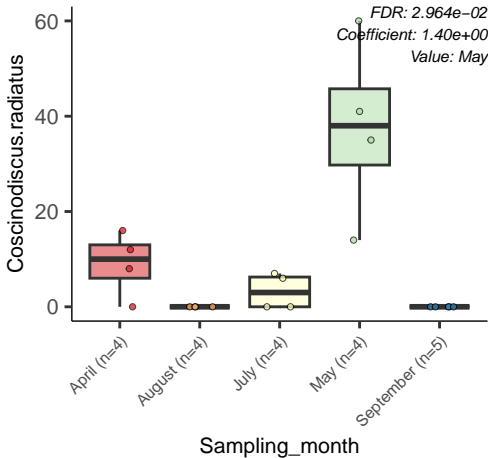
FDR: 2.834e-02
Coefficient: 1.16e+00
Value: August



Longipedia.sp..DZMB183

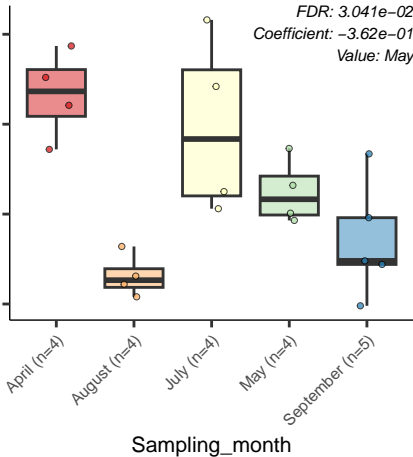
FDR: $2.935e-02$
Coefficient: $-8.28e-01$
Value: May





Yangia.sp..CCB.MM3

FDR: 3.041e-02
Coefficient: -3.62e-01
Value: May

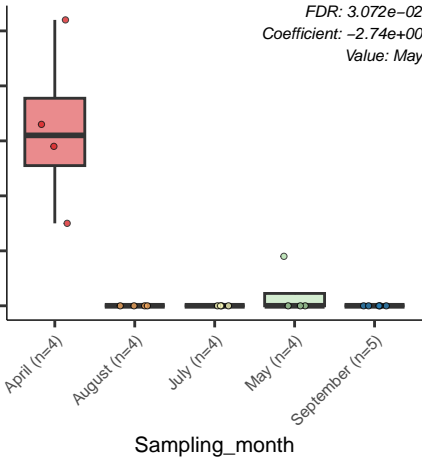


Polaribacter.sejongensis

FDR: $3.072e-02$

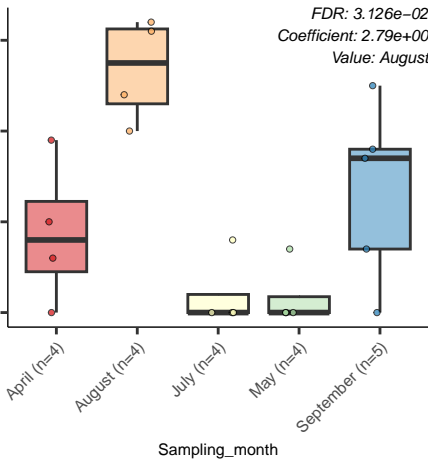
Coefficient: $-2.74e+00$

Value: May



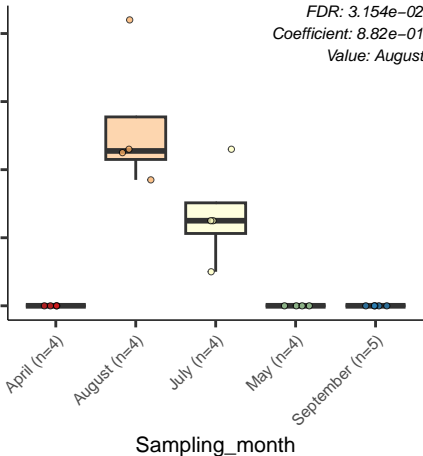
uncultured.alpha.proteobacterium.HF0010_13E22

FDR: 3.126×10^{-2}
Coefficient: 2.79×10^0
Value: August



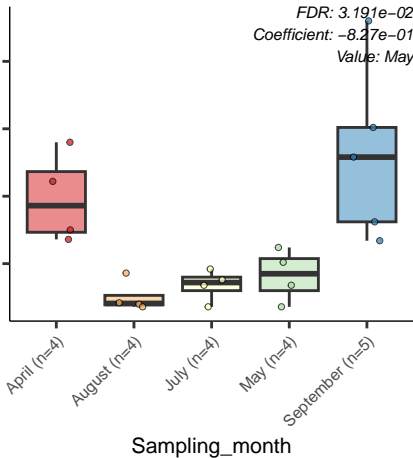
Halorubrum.distributum

FDR: 3.154e-02
Coefficient: 8.82e-01
Value: August



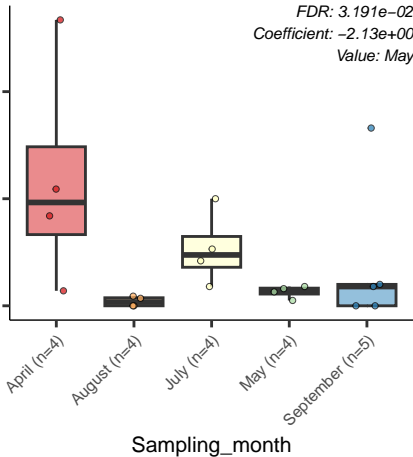
Rhodovulum.sp..SMB1

FDR: $3.191e-02$
Coefficient: $-8.27e-01$
Value: May

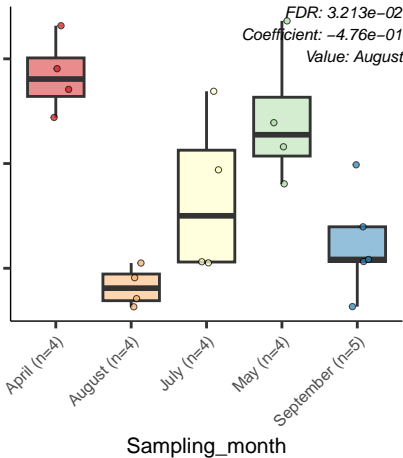


Desulfarculus.baarsii

FDR: $3.191e-02$
Coefficient: $-2.13e+00$
Value: May



Pelagibaca.abysssi



Desulfococcus.multivorans

FDR: $3.214e-02$
Coefficient: $-1.47e+00$
Value: August

1000

500

0

April (n=4)

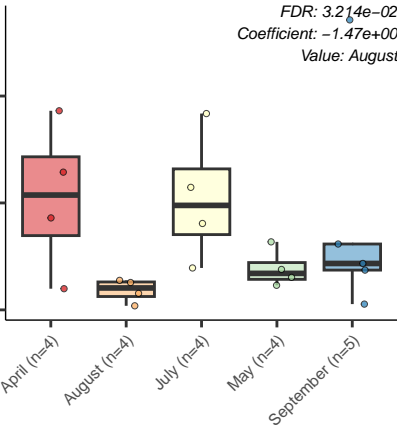
August (n=4)

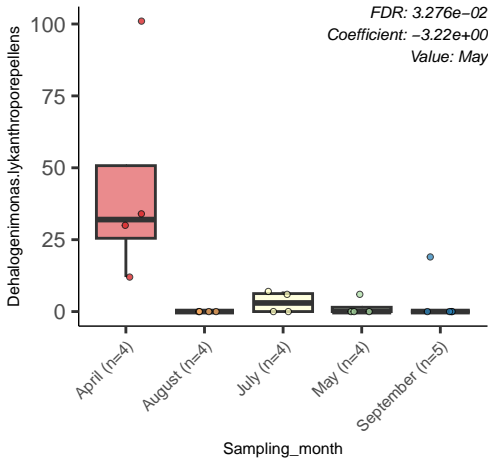
July (n=4)

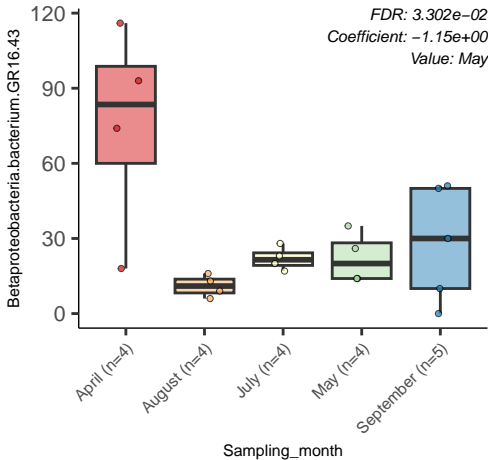
May (n=4)

September (n=5)

Sampling_month





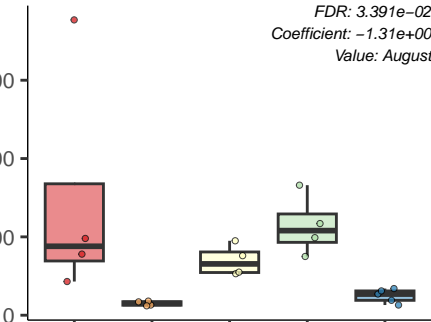


Haliangium.ochraceum

FDR: $3.391e-02$
Coefficient: $-1.31e+00$
Value: August

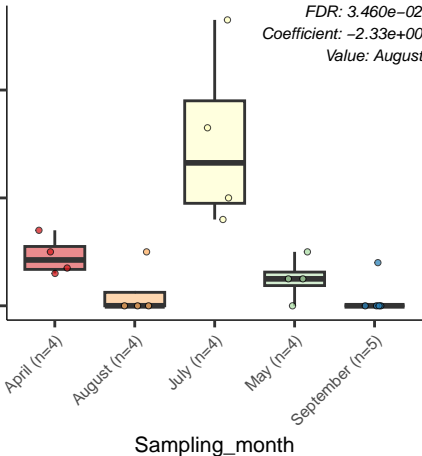
April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

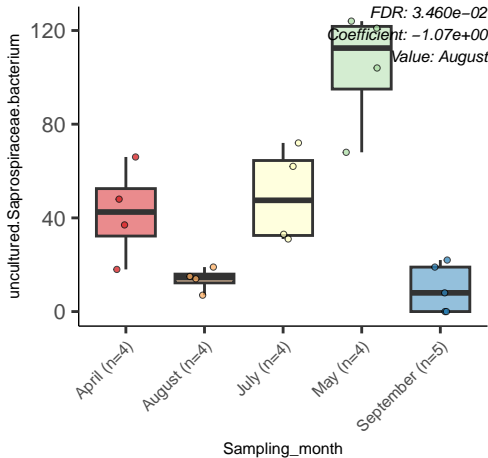
Sampling_month



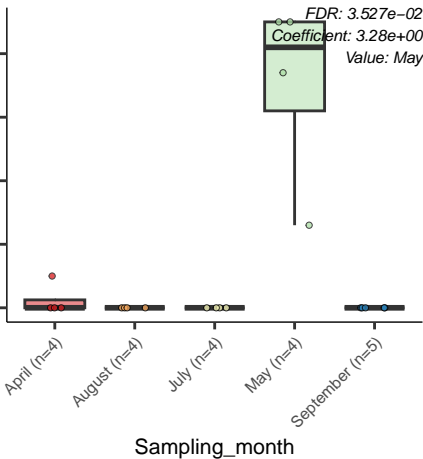
Denitrovibrio.acetiphilus

FDR: $3.460e-02$
Coefficient: $-2.33e+00$
Value: August

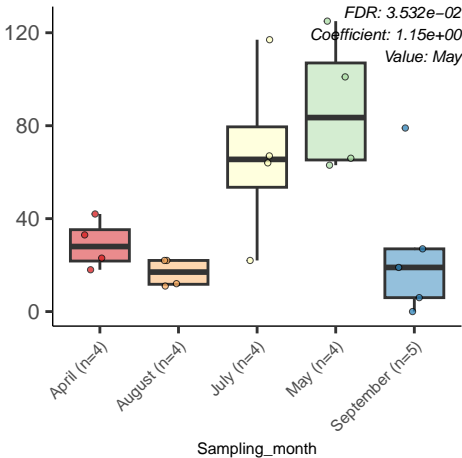


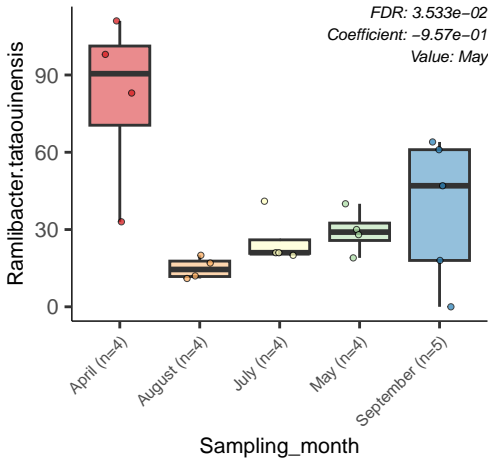


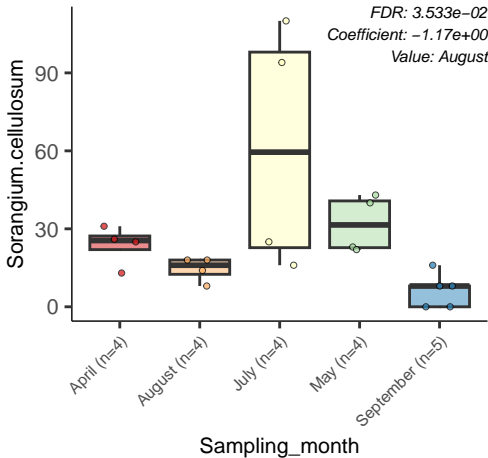
Cylindrotheca.fusiformis



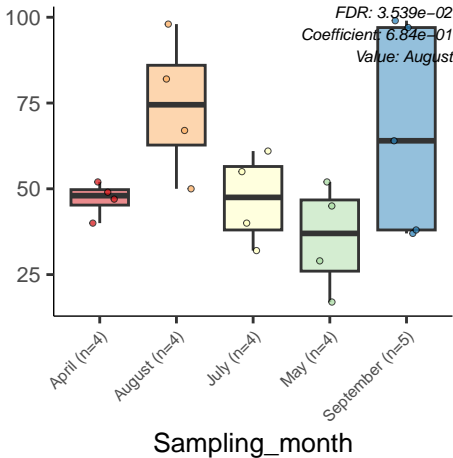
uncultured.bacterium.AD66.C11







Bosea.sp..RAC05

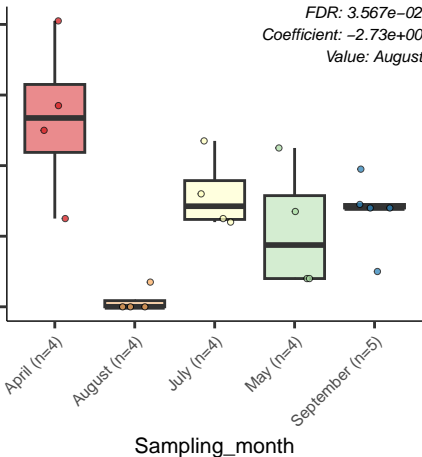


Luteimonas.sp..JM171

FDR: 3.567e-02

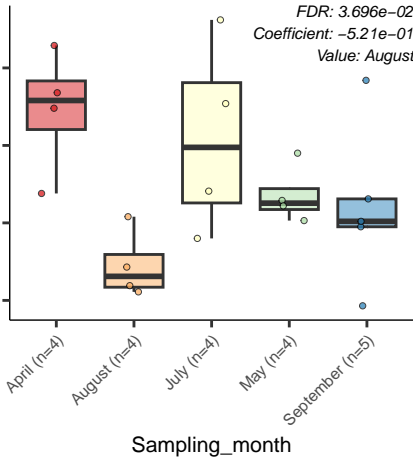
Coefficient: -2.73e+00

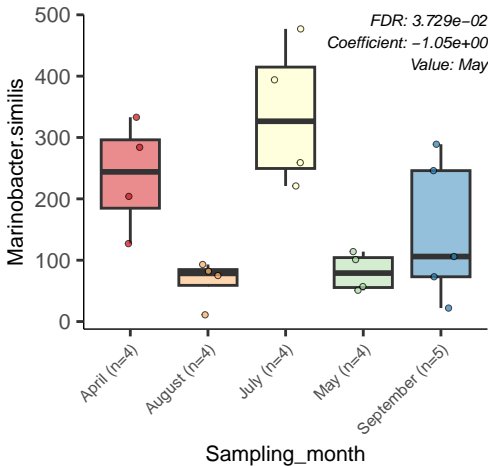
Value: August



Rhodobacter.sp..LPB0142

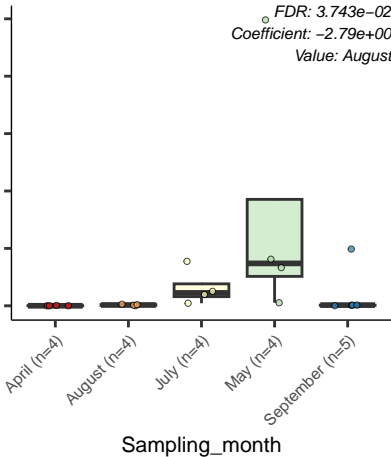
FDR: 3.696e-02
Coefficient: -5.21e-01
Value: August





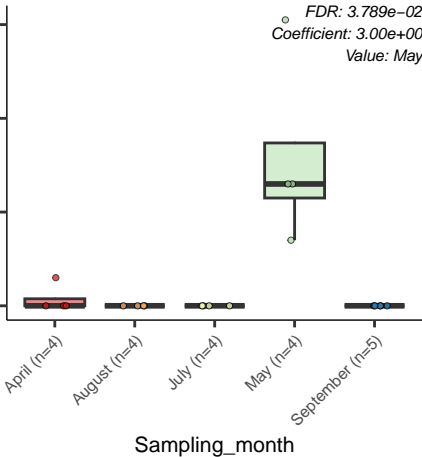
Vibrio.harveyi.group

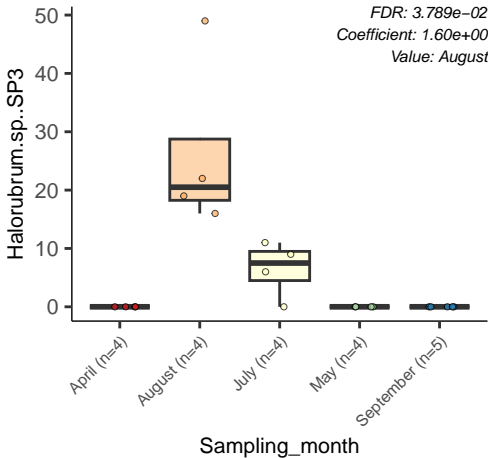
FDR: $3.743e-02$
Coefficient: $-2.79e+00$
Value: August



Vibrio.coralliilyticus

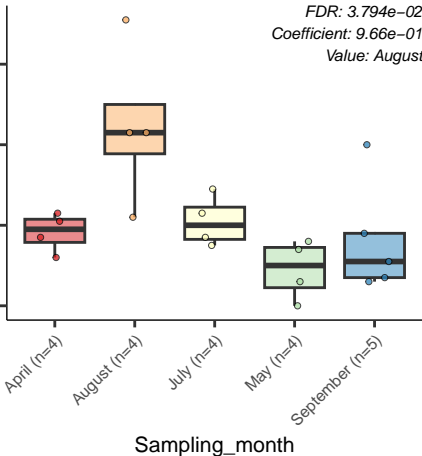
FDR: 3.789e-02
Coefficient: 3.00e+00
Value: May





Alcanivorax.sp..N3.2A

FDR: 3.794e-02
Coefficient: 9.66e-01
Value: August



Celeribacter.ethanolicus

FDR: 3.794e-02

Coefficient: -4.24e-01

Value: May

April (n=4)

August (n=4)

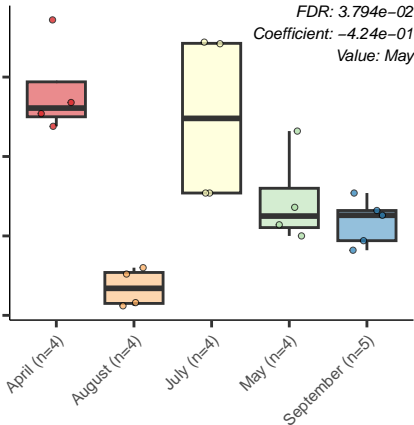
July (n=4)

May (n=4)

September (n=5)

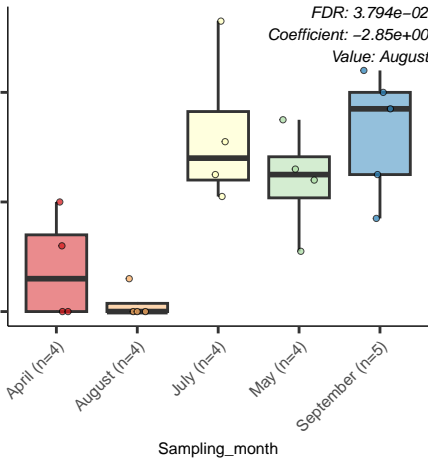
Sampling_month

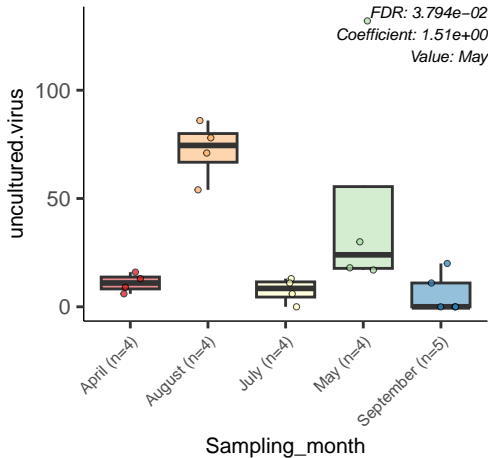
200
150
100
50



uncultured.bacterium.W5.47b

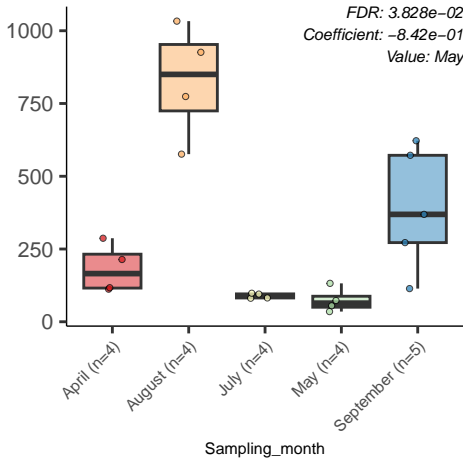
FDR: $3.794e-02$
Coefficient: $-2.85e+00$
Value: August





uncultured.alpha.proteobacterium.EF100_102A06

FDR: $3.828e-02$
Coefficient: $-8.42e-01$
Value: May

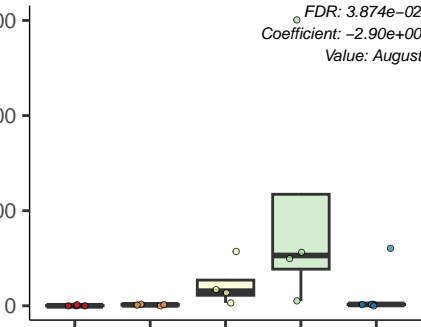


Vibrio.alginolyticus

FDR: $3.874e-02$
Coefficient: $-2.90e+00$
Value: August

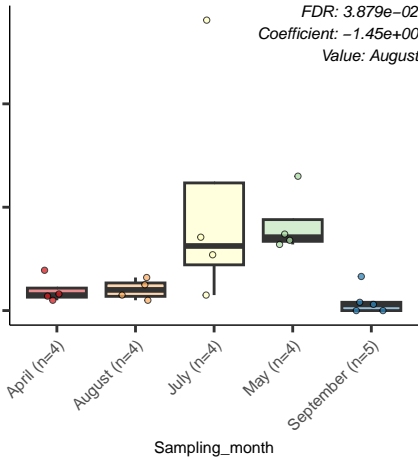
April (n=4) August (n=4) July (n=4) May (n=4) September (n=5)

Sampling_month



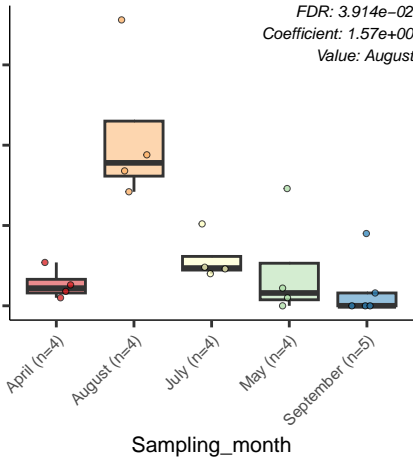
uncultured.nuHF2.cluster.bacterium.HF0500_02A1

FDR: $3.879e-02$
Coefficient: $-1.45e+00$
Value: August



Halothermothrix.orenii

FDR: $3.914e-02$
Coefficient: $1.57e+00$
Value: August



Halocynthiaibacter.arcticus

FDR: $3.938e-02$
Coefficient: $-7.93e-01$
Value: August

April (n=4)

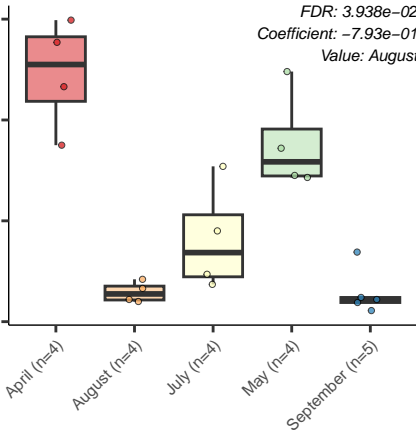
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month



Planococcus.sp..MB.3u.03

FDR: $4.026e-02$
Coefficient: $2.84e+00$
Value: May

100

50

0

April (n=4)

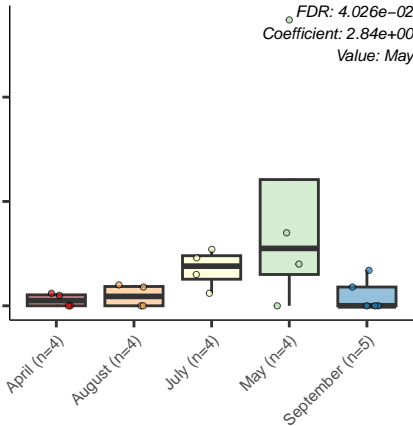
August (n=4)

July (n=4)

May (n=4)

September (n=5)

Sampling_month



Harpacticus.sp..France_RJH_2007

FDR: $4.028e-02$
Coefficient: $-7.21e-01$
Value: May

100

50

0

April (n=4)

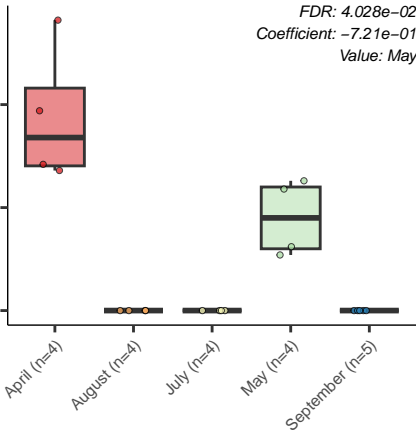
August (n=4)

July (n=4)

May (n=4)

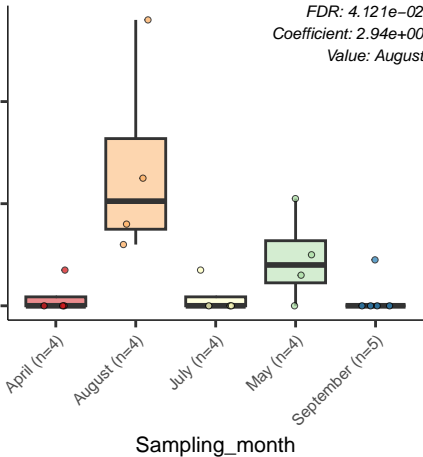
September (n=5)

Sampling_month

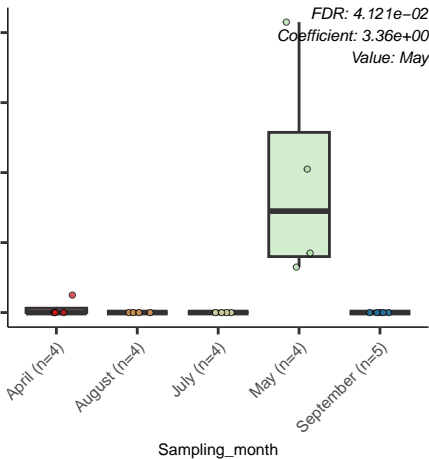


Thalassolituus.oleivorans

FDR: $4.121e-02$
Coefficient: $2.94e+00$
Value: August

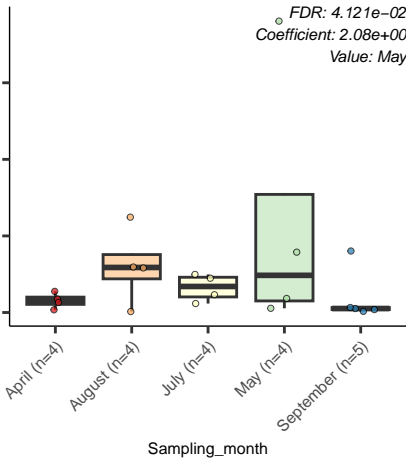


Pseudoalteromonas.luteoviolacea



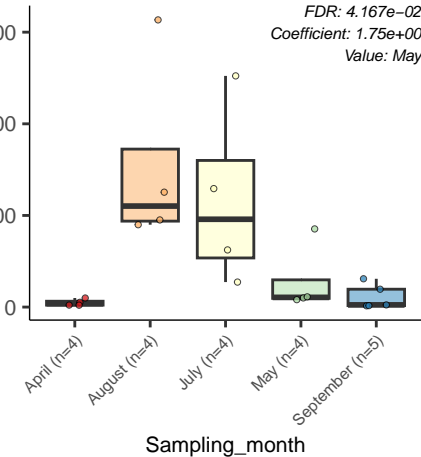
Methanohalobium.evestigatum

FDR: 4.121e-02
Coefficient: 2.08e+00
Value: May



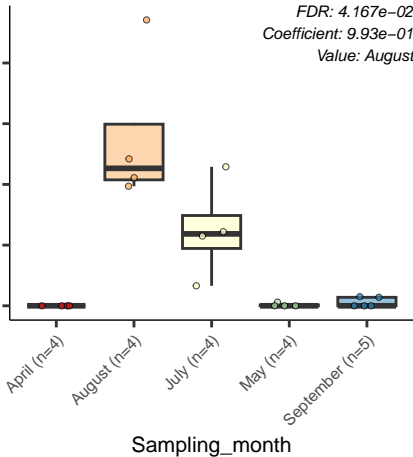
Haloarcula.hispanica

FDR: 4.167e-02
Coefficient: 1.75e+00
Value: May



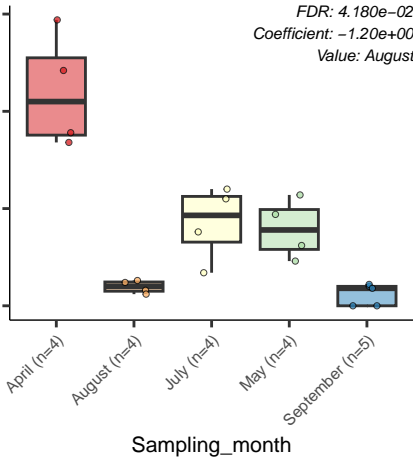
Halorubrum.sp..SP7

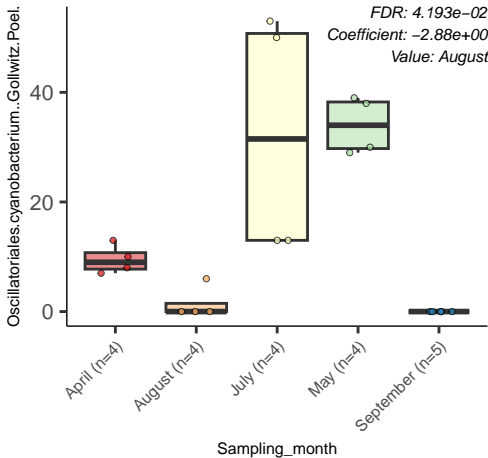
FDR: 4.167e-02
Coefficient: 9.93e-01
Value: August



Lacinutrix.sp..5H.3.7.4

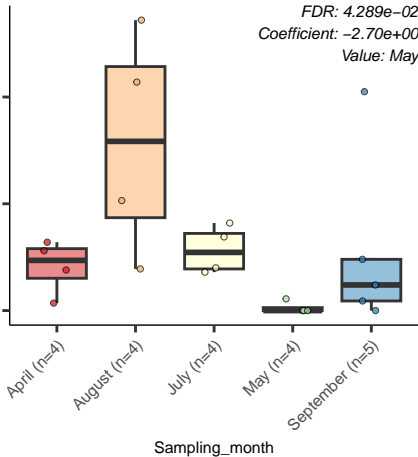
FDR: $4.180e-02$
Coefficient: $-1.20e+00$
Value: August



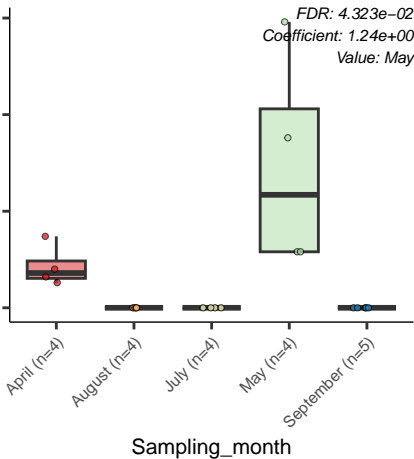


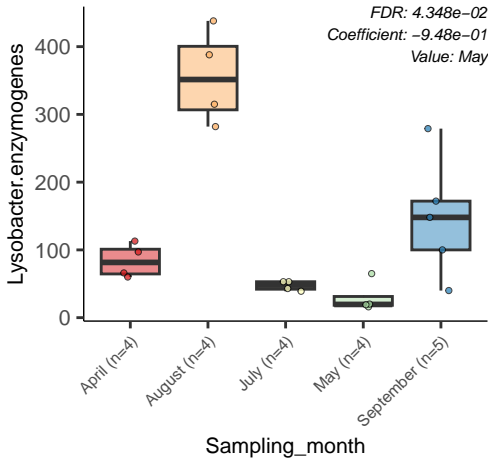
uncultured.Halanaerobiales.bacterium

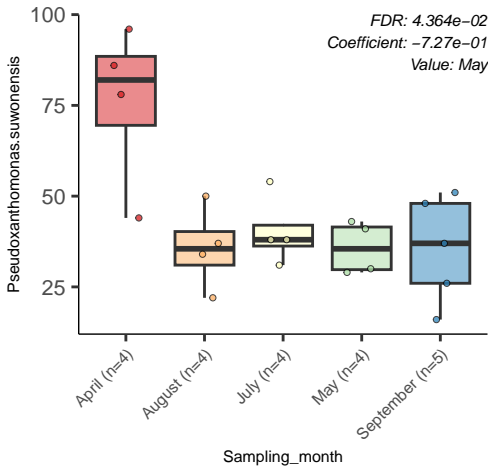
FDR: 4.289×10^{-2}
Coefficient: -2.70×10^0
Value: May



Nitzschia.inconspicua







Phycisphaerae.bacterium.ST.NAGAB.D1

FDR: 4.371e-02
Coefficient: 1.52e+00
Value: May

400
200
0

April (n=4)

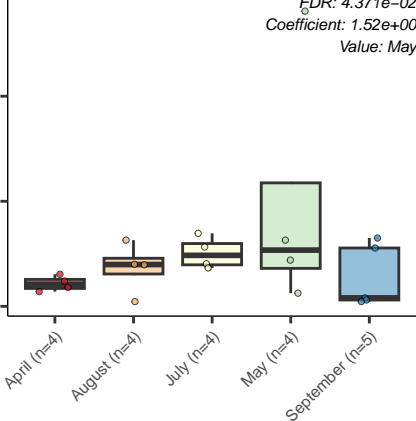
August (n=4)

July (n=4)

May (n=4)

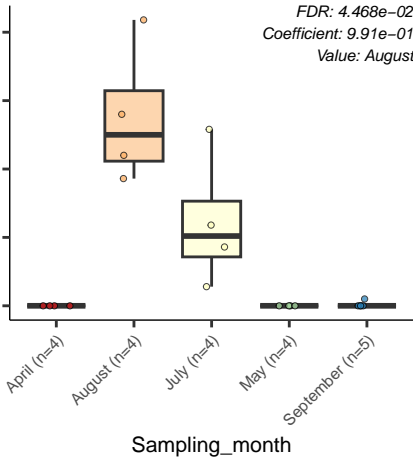
September (n=5)

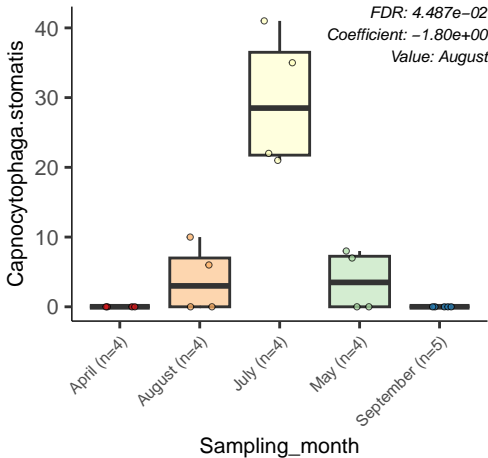
Sampling_month

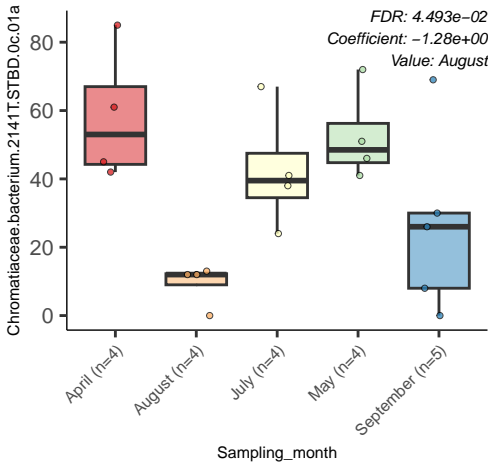


Halorubrum.sp..TP132

FDR: 4.468e-02
Coefficient: 9.91e-01
Value: August

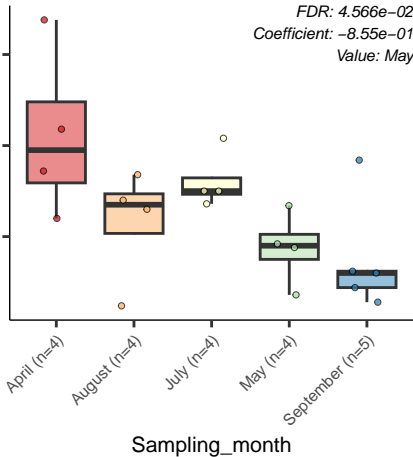


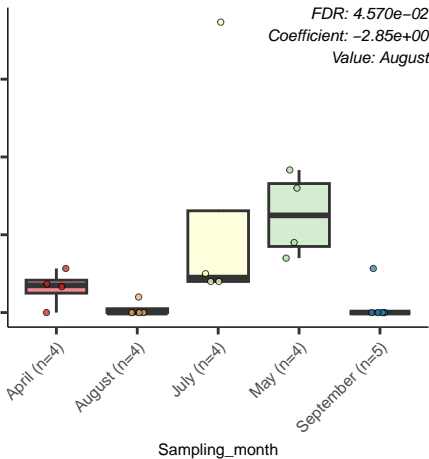




Halomonas.sp..1513

FDR: 4.566e-02
Coefficient: -8.55e-01
Value: May



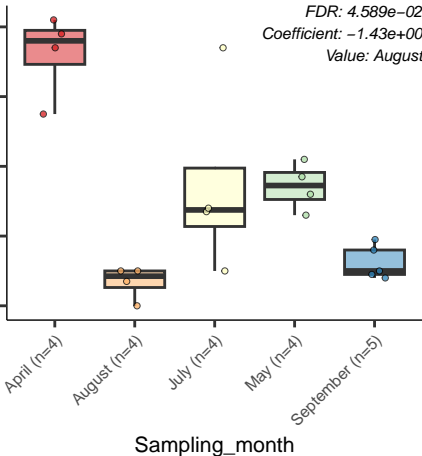


Nonlabens.dokdonensis

FDR: 4.589e-02

Coefficient: -1.43e+00

Value: August



Formosa.agariphila

FDR: 4.606e-02

Coefficient: -1.18e+00

Value: May

April (n=4)

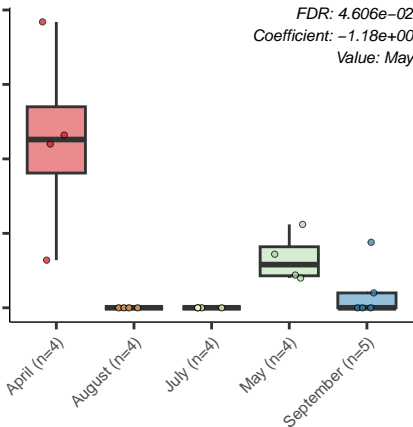
August (n=4)

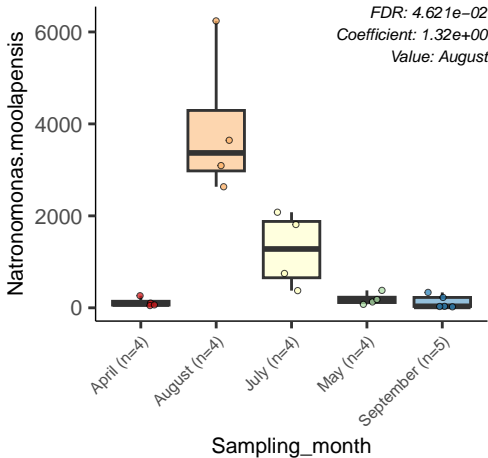
July (n=4)

May (n=4)

September (n=5)

Sampling_month





uncultured.nuHF2.cluster.bacterium.HF0500_02A1

FDR: $4.631e-02$
Coefficient: $1.45e+00$
Value: May

200
100
0

April (n=4)

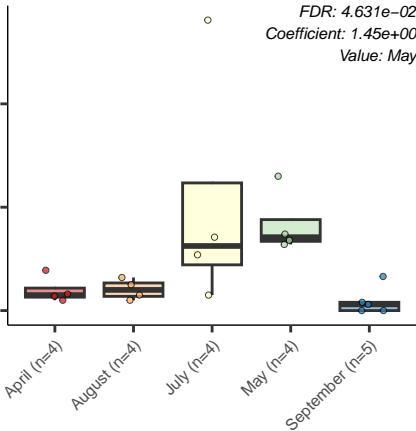
August (n=4)

July (n=4)

May (n=4)

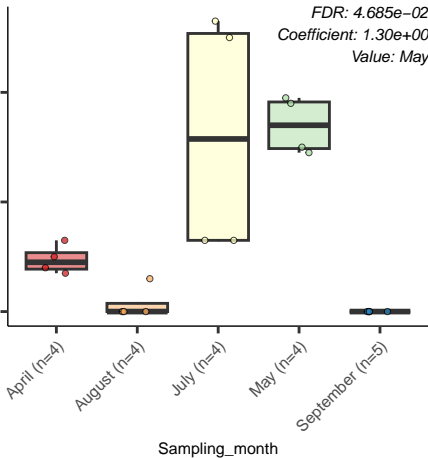
September (n=5)

Sampling_month

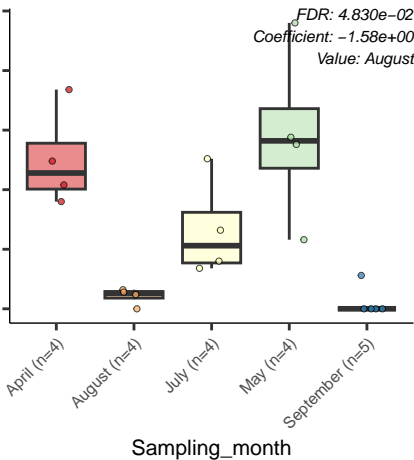


Oscillatoriales.cyanobacterium..Gollwitz.Poel.

FDR: 4.685e-02
Coefficient: 1.30e+00
Value: May



Zobellia.galactanivorans



uncultured.euryarchaeote

FDR: 4.909e-02
Coefficient: 1.02e+00
Value: August

