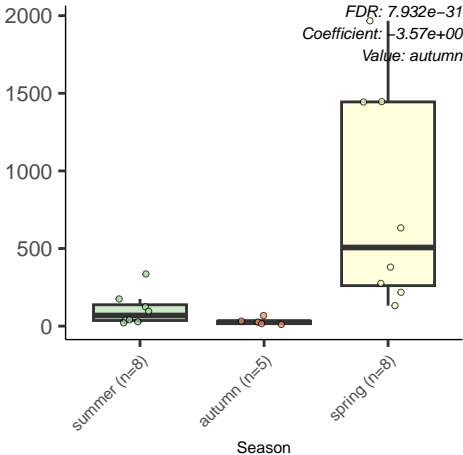
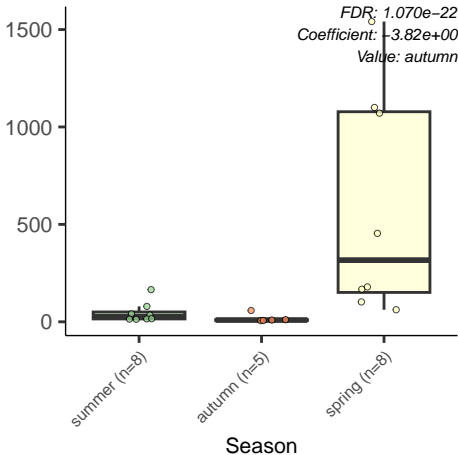


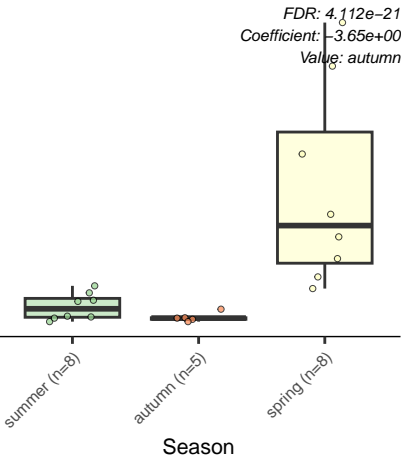
Winogradskyella.sp..RHA_55



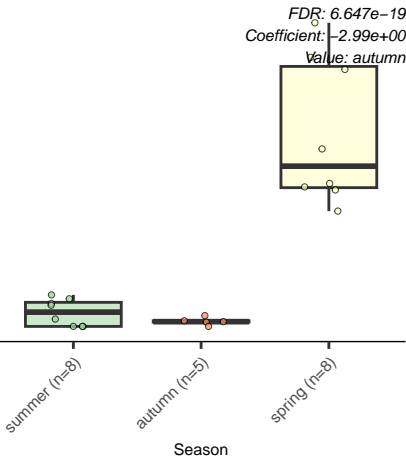
Winogradskyella.sp..PG.2



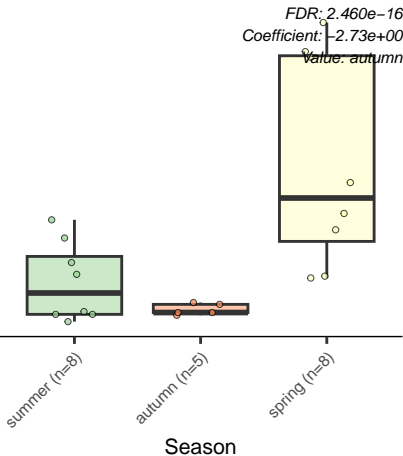
Formosa.sp..Hel1_31_208



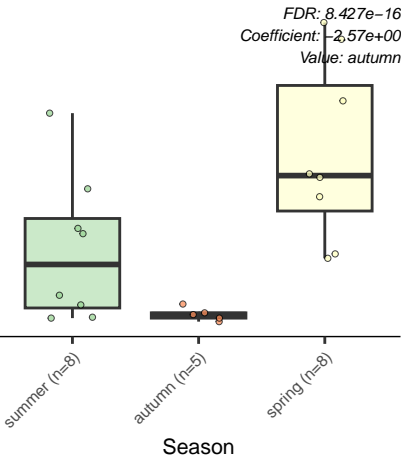
Kryptoperidinium.foliaceum



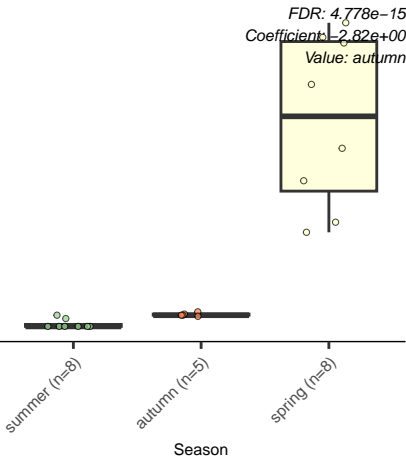
Winogradskyella.sp..PC.19



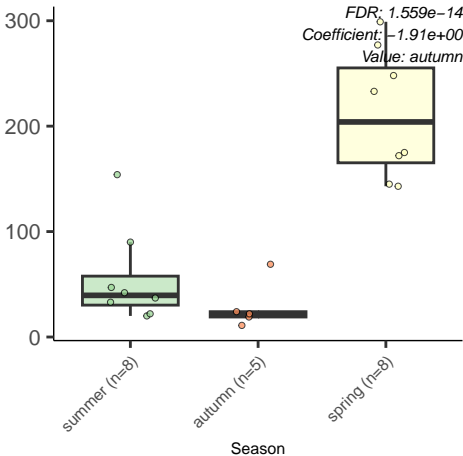
Winogradskyella.sp..J14.2



uncultured.marine.eukaryote



Halocynthiaibacter.arcticus



Epibacterium.mobile

FDR: $1.714e-13$

Coefficient: $-1.66e+00$

Value: autumn

1500

1000

500

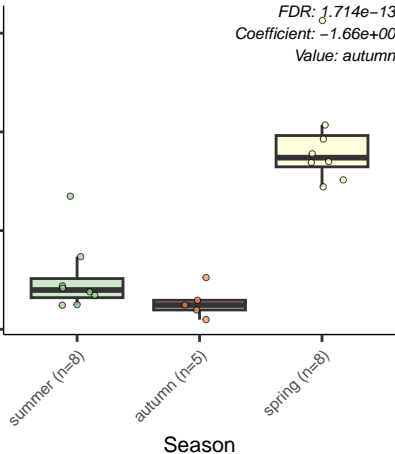
0

summer (n=8)

autumn (n=5)

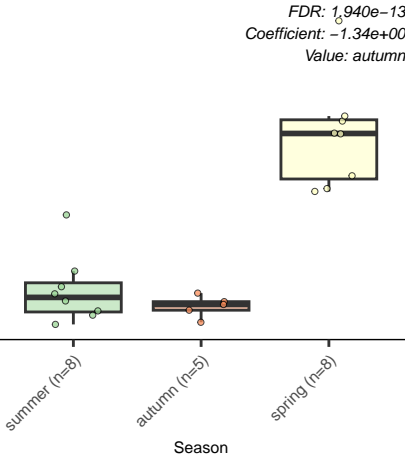
spring (n=8)

Season

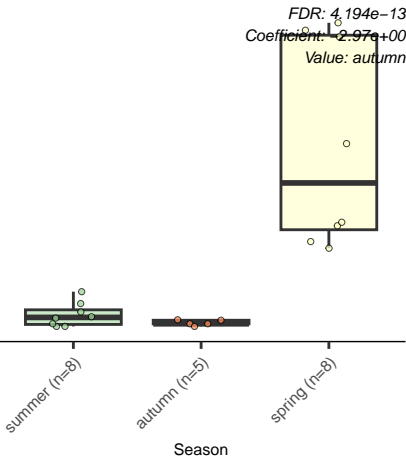


uncultured.marine.bacterium

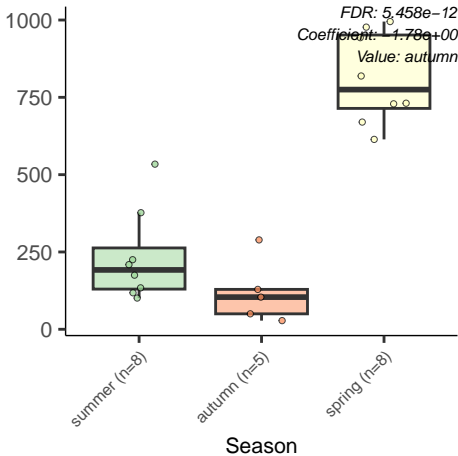
FDR: 1.940e-13
Coefficient: -1.34e+00
Value: autumn



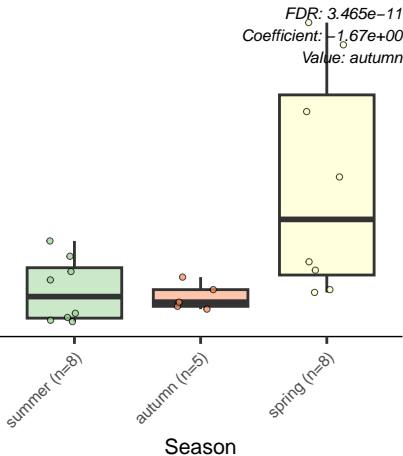
Pseudo.nitzschia.multiseriis



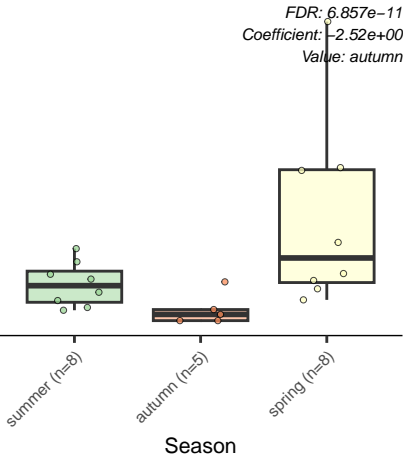
Roseobacter.denitrificans



Lutibacter.sp..LPB0138



Roseobacter.sp..KT1117



Rhodobacteraceae.bacterium

600
400
200
0

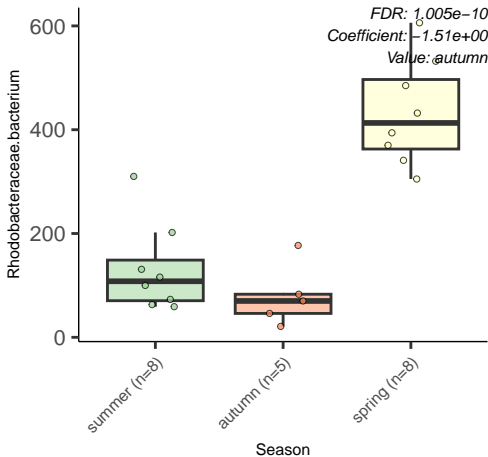
summer (n=8)

autumn (n=5)

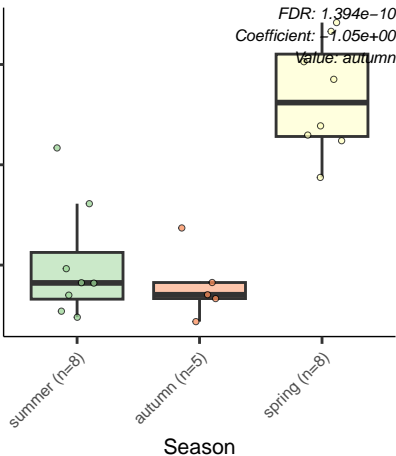
spring (n=8)

Season

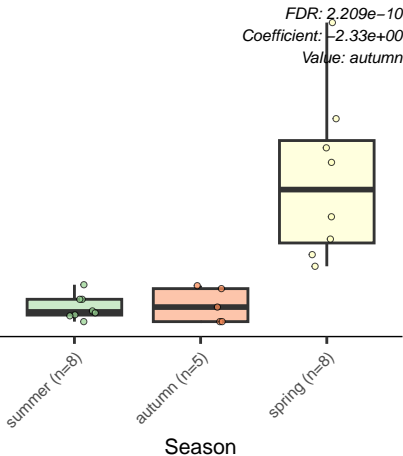
FDR: 1.005e-10
Coefficient: -1.51e+00
Value: autumn



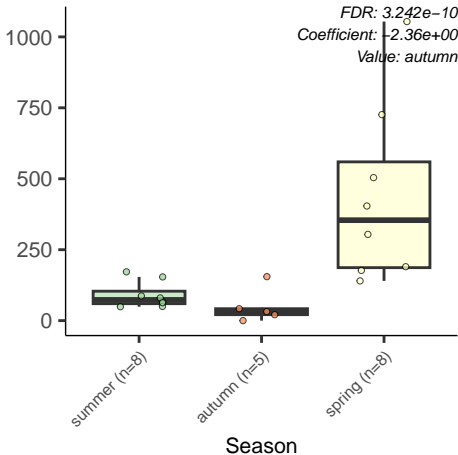
Sulfitobacter.sp..AM1.D1



Emiliana.huxleyi



Planktomarina.temperata



Maribacter.sp..1_2014MBL_MicDiv

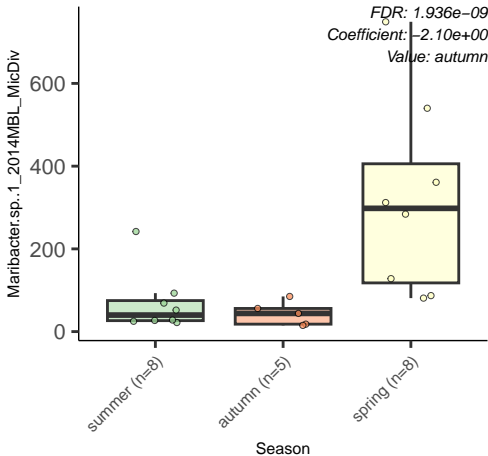
FDR: $1.936e-09$
Coefficient: $-2.10e+00$
Value: autumn

summer (n=8)

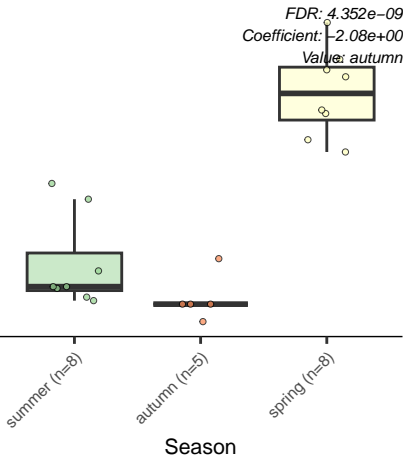
autumn (n=5)

spring (n=8)

Season



Octadecabacter.temperature



Roseobacter.litoralis

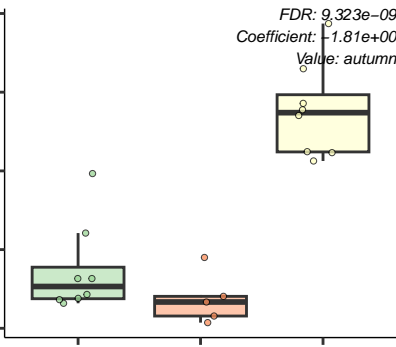
FDR: $9.323e-09$
Coefficient: $-1.81e+00$
Value: autumn

summer (n=8)

autumn (n=5)

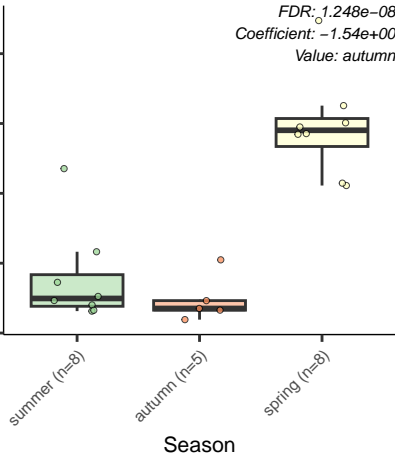
spring (n=8)

Season



Tateyamaria.omphalii

FDR: $1.248e-08$
Coefficient: $-1.54e+00$
Value: autumn



Octadecabacter.arcticus

200

150

100

50

0

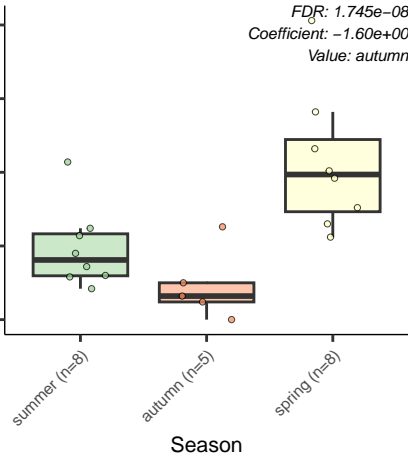
summer (n=8)

autumn (n=5)

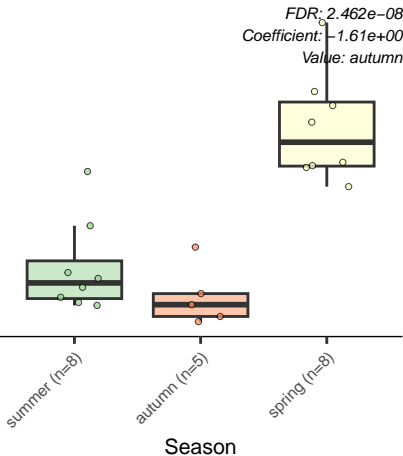
spring (n=8)

Season

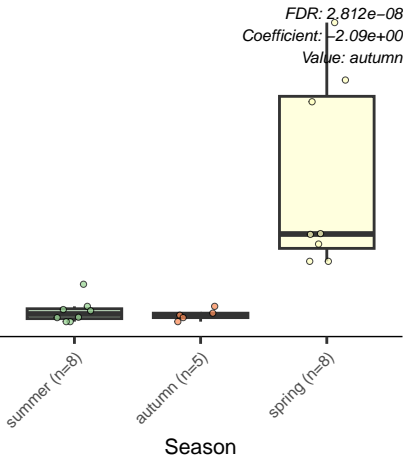
FDR: 1.745e-08
Coefficient: -1.60e+00
Value: autumn



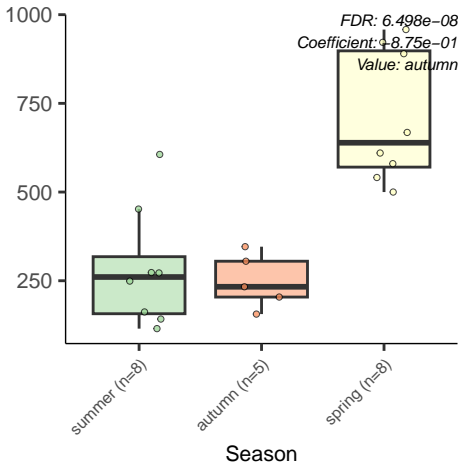
Phaeobacter.piscinae



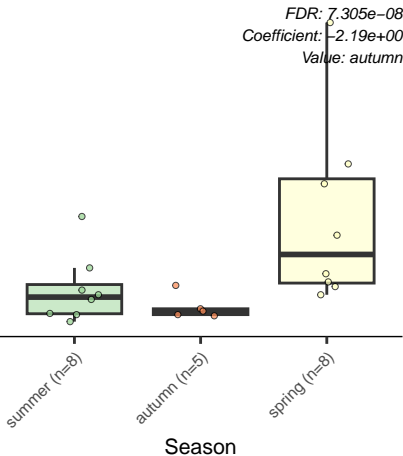
Durinskia.baltica



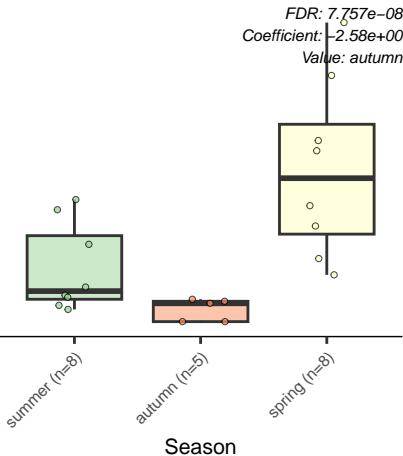
Thioclava.nitrateducens



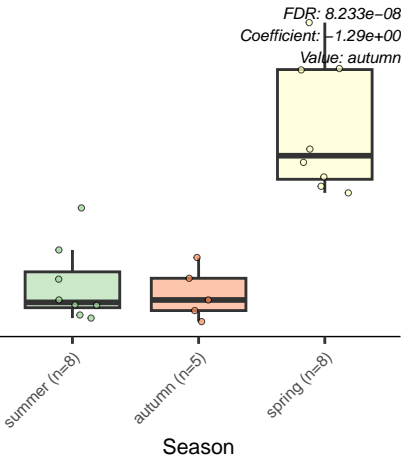
Nonlabens.spongiae



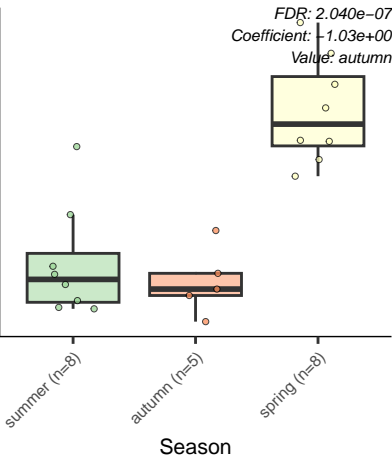
Lacinutrix.sp..5H.3.7.4



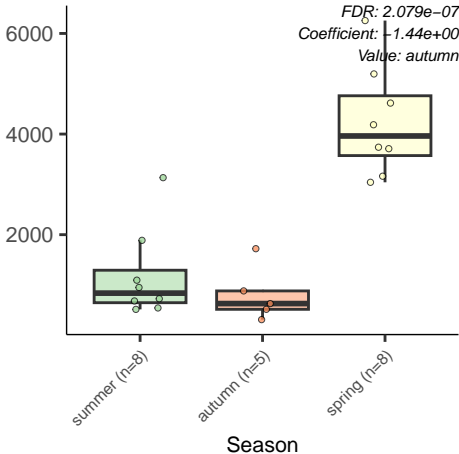
Ruegeria.sp..PR1b



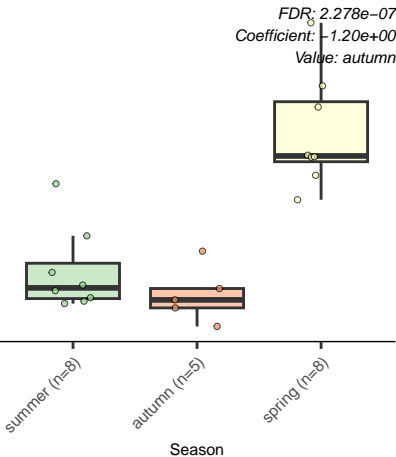
Marinovum.algicola



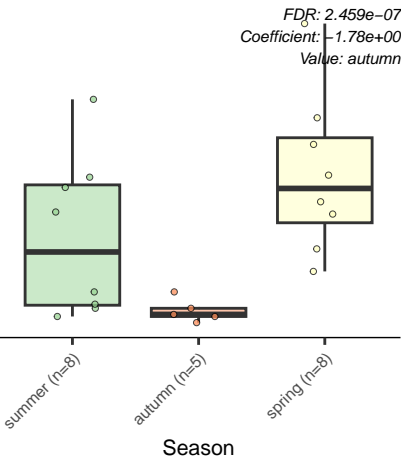
Phaeobacter.inhibens



Confluentimicrobium.sp..EMB200.NS6



Cellulophaga.lytica



Erythrobacter.sp..HL.111

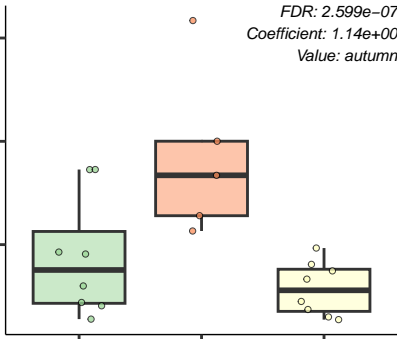
FDR: 2.599e-07
Coefficient: 1.14e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Idiomarina.piscisalsi

2000

1500

1000

500

0

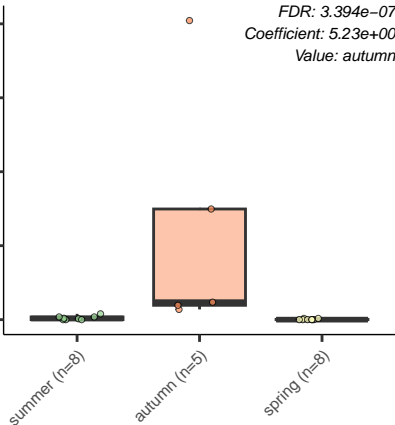
summer (n=8)

autumn (n=5)

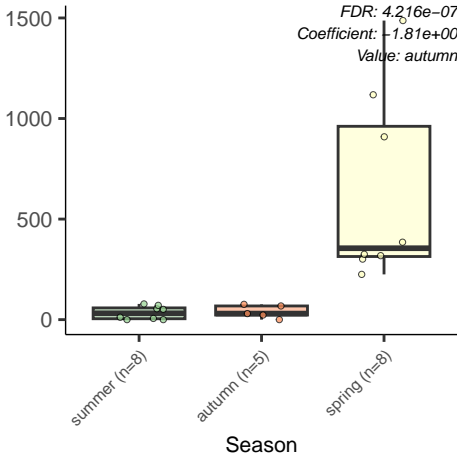
spring (n=8)

Season

FDR: 3.394e-07
Coefficient: 5.23e+00
Value: autumn



Cylindrotheca.closterium



Roseovarius.mucosus

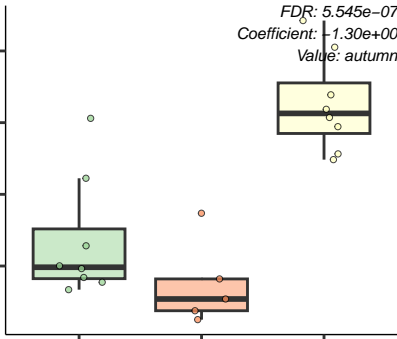
FDR: 5.545e-07
Coefficient: -1.30e+00
Value: autumn

summer (n=8)

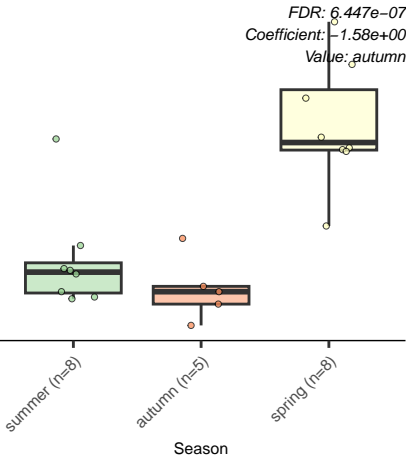
autumn (n=5)

spring (n=8)

Season

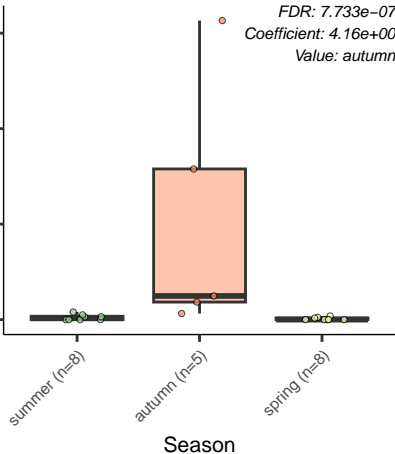


uncultured.alpha.proteobacterium.EB080_L84F03

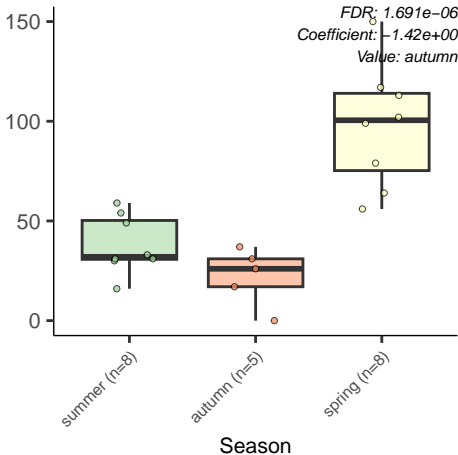


Idiomarina.sp..X4

FDR: 7.733e-07
Coefficient: 4.16e+00
Value: autumn



Celeribacter.marinus



Dinoroseobacter.shibae

FDR: $1.932e-06$
Coefficient: $-8.90e-01$
Value: autumn

4000

3000

2000

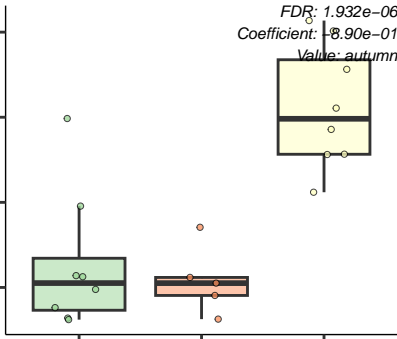
1000

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Jannaschia.sp..CCS1

600
400
200

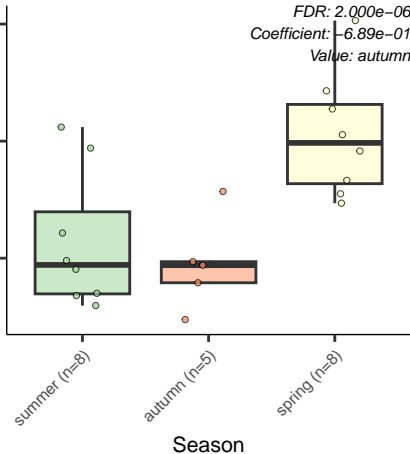
summer (n=8)

autumn (n=5)

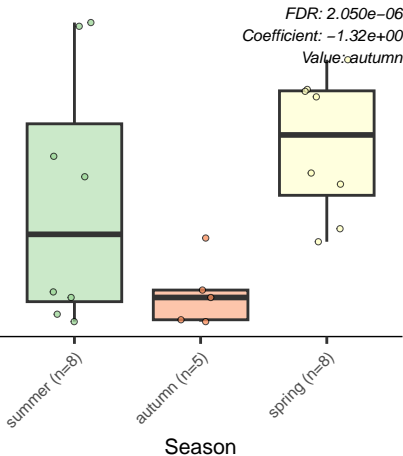
spring (n=8)

Season

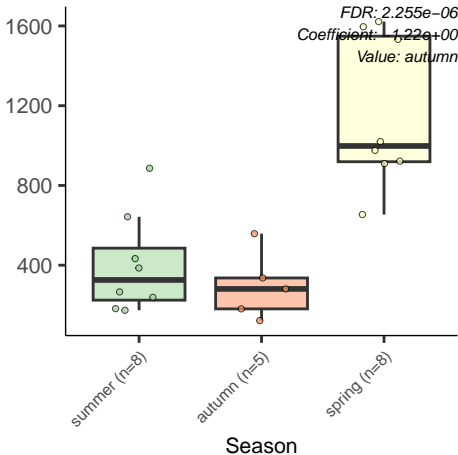
FDR: 2.000e-06
Coefficient: -6.89e-01
Value: autumn

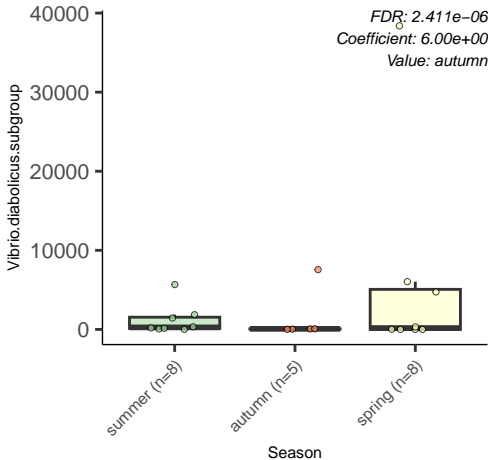


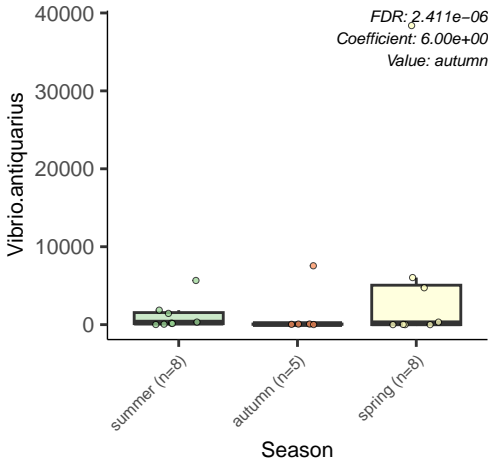
Arenibacter.algicola



Phaeobacter.porticola

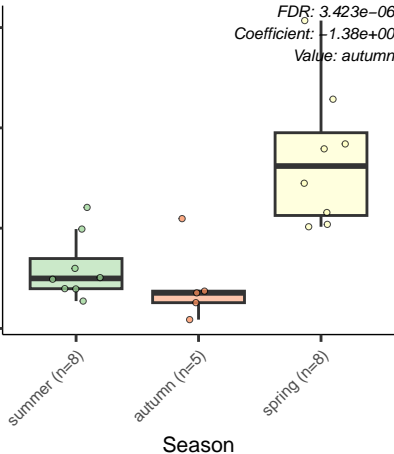






Yoonia.vestfoldensis

FDR: $3.423e-06$
Coefficient: $-1.38e+00$
Value: autumn



Caulobacter.sp...JP68

FDR: 4.522e-06

Coefficient: 2.66e+00

Value: autumn

100

50

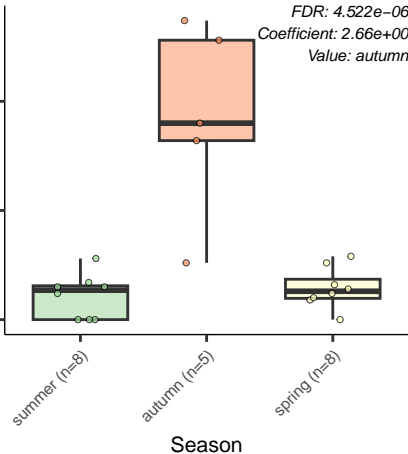
0

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Vibrio.harveyi.group

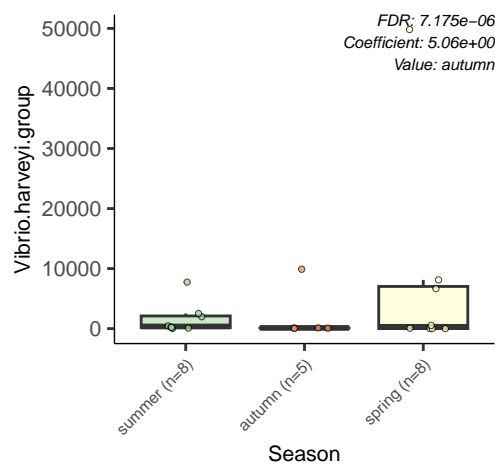
FDR: $7.175e-06$
Coefficient: $5.06e+00$
Value: autumn

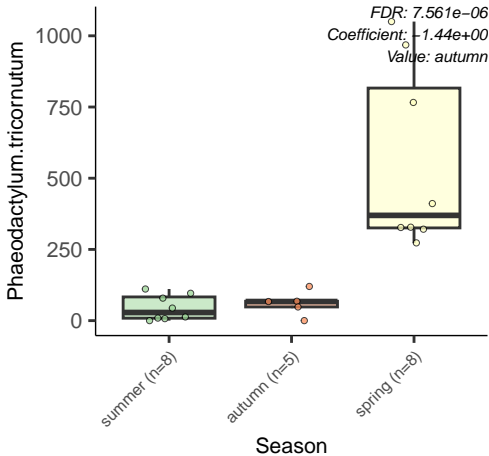
summer (n=8)

autumn (n=5)

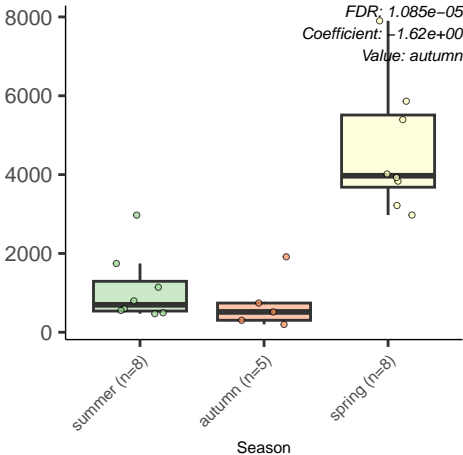
spring (n=8)

Season





Sulfitobacter.pseudonitzschiae



Idiomarina.loihiensis

FDR: 1.178e-05
Coefficient: 4.59e+00
Value: autumn

1500

1000

500

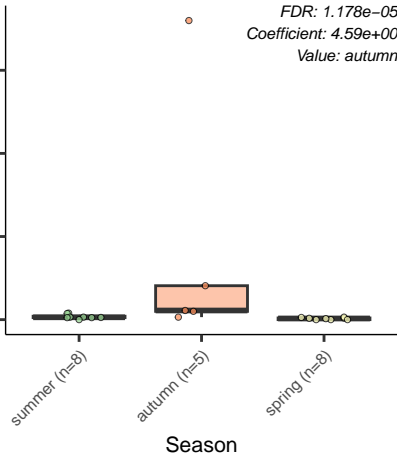
0

summer (n=8)

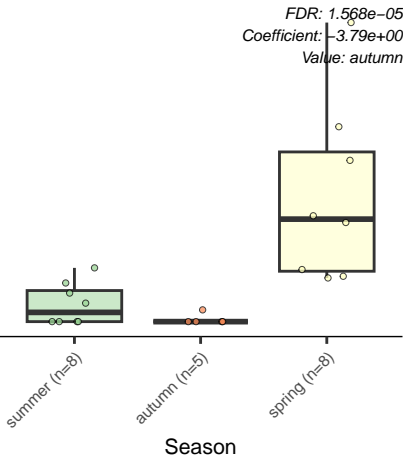
autumn (n=5)

spring (n=8)

Season



Polaribacter.sp..MED152



Candidatus.Fluviicola.riflensis

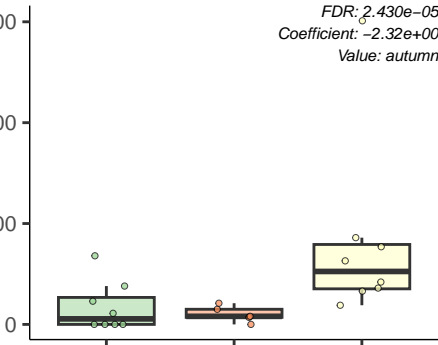
FDR: $2.430e-05$
Coefficient: $-2.32e+00$
Value: autumn

summer (n=8)

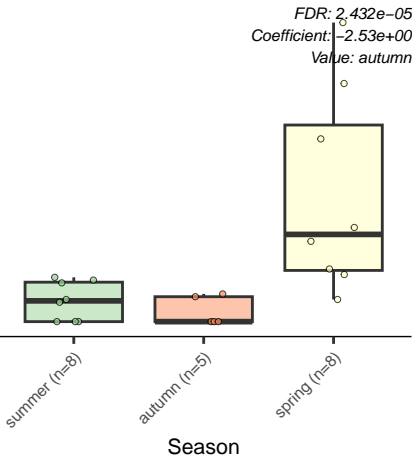
autumn (n=5)

spring (n=8)

Season



Olleya.sp..Bg11.27



Polaribacter.reichenbachii

80

60

40

20

0

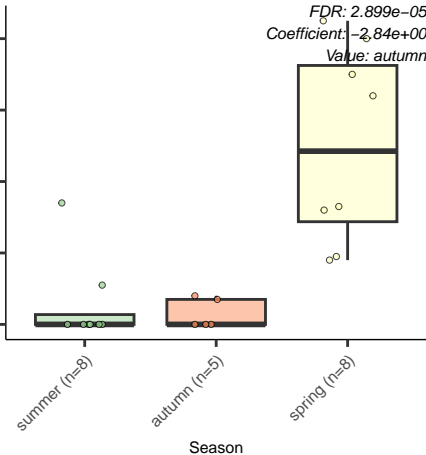
summer (n=8)

autumn (n=5)

spring (n=8)

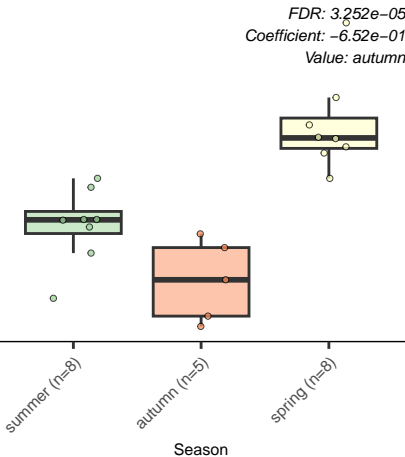
Season

FDR: 2.899e-05
Coefficient: -2.84e+00
Value: autumn

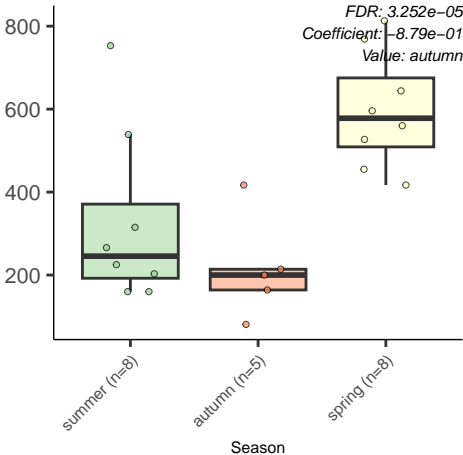


uncultured.gamma.proteobacterium

FDR: 3.252e-05
Coefficient: -6.52e-01
Value: autumn

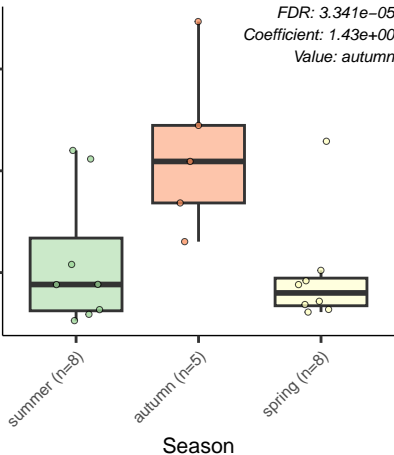


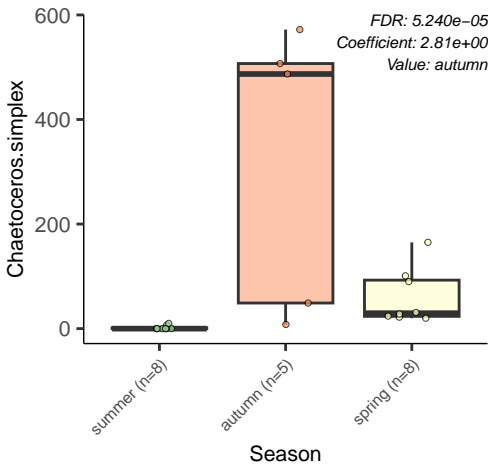
Antarctobacter.heliothermus



Nannochloropsis.gaditana

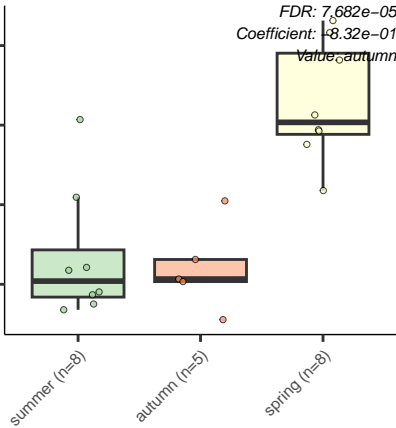
FDR: 3.341e-05
Coefficient: 1.43e+00
Value: autumn





Celeribacter.indicus

FDR: 7.682e-05
Coefficient: -8.32e-01
Value autumn



Season

Ruegeria.sp.:TM1040

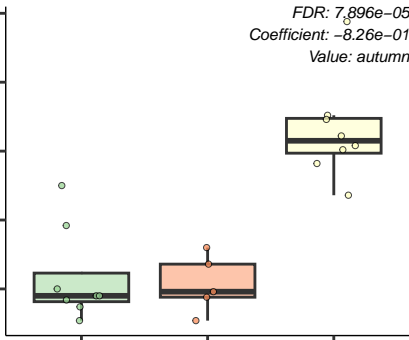
FDR: 7.896e-05
Coefficient: -8.26e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Sedimenticola.thiotaaurini

FDR: 9.183e-05

Coefficient: -1.25e+00

Value: autumn

100

50

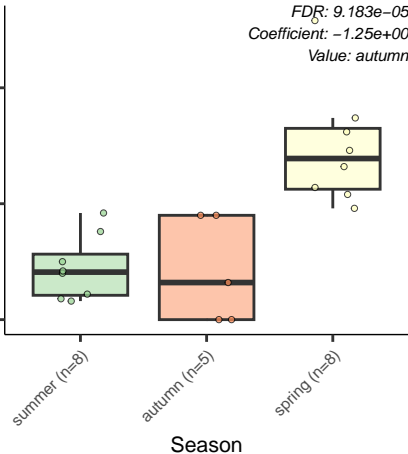
0

summer (n=8)

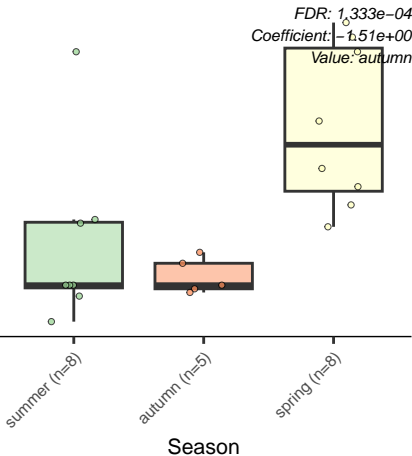
autumn (n=5)

spring (n=8)

Season



Nonlabens.dokdonensis



Glaciecola.nitrateducens

80
60
40
20
0

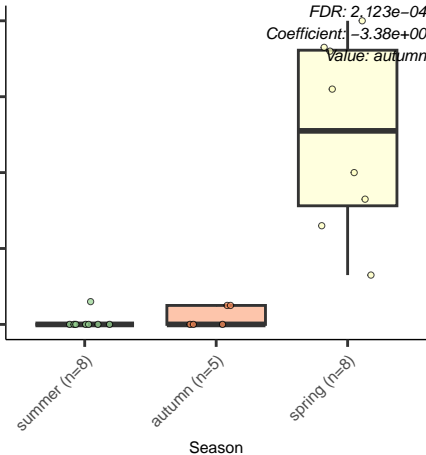
summer (n=8)

autumn (n=5)

spring (n=8)

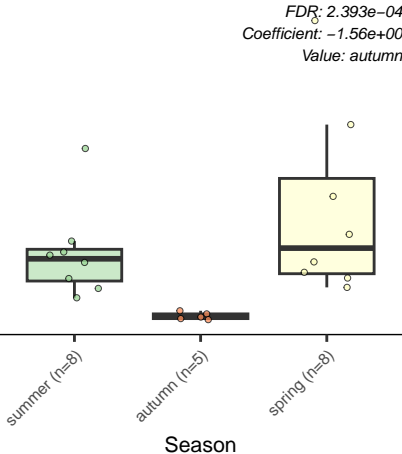
Season

$FDR: 2.123e-04$
 $Coefficient: -3.38e+00$
Value: autumn

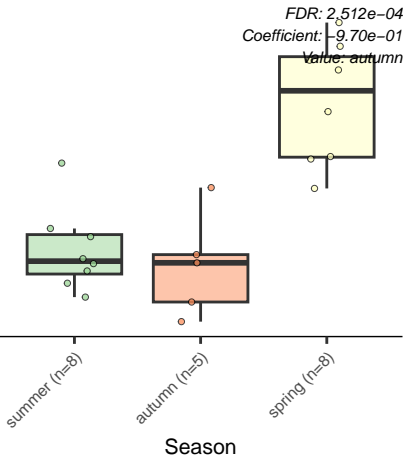


Cyclobacterium.marinum

FDR: 2.393e-04
Coefficient: -1.56e+00
Value: autumn



Rhodopirellula.baltica



Zobellia.galactanivorans

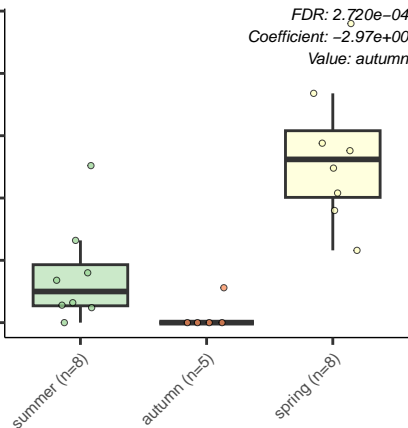
FDR: 2.720×10^{-4}
Coefficient: -2.97×10^0
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Polymorphum.gilvum

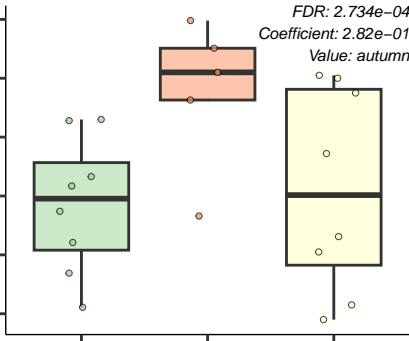
FDR: 2.734e-04
Coefficient: 2.82e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Salegentibacter.sp..T436

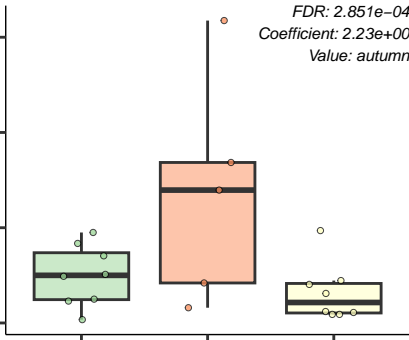
FDR: 2.851e-04
Coefficient: 2.23e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Octadecabacter.antarcticus

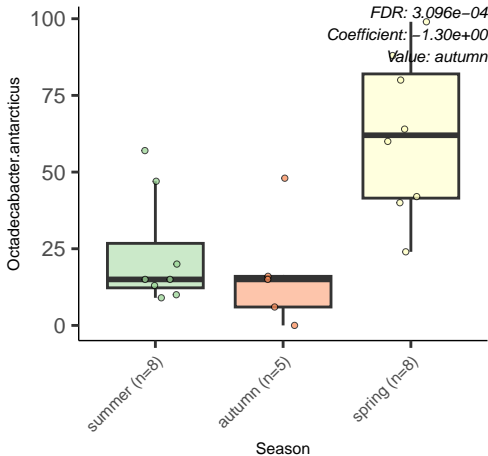
FDR: $3.096e-04$
Coefficient: $-1.30e+00$
Value: autumn

summer (n=8)

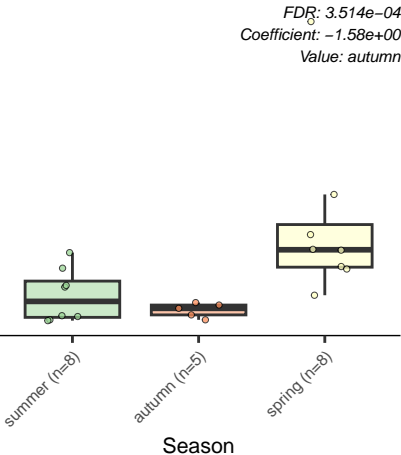
autumn (n=5)

spring (n=8)

Season



Haliangium.ochraceum



Halothece.sp..PCC.7418

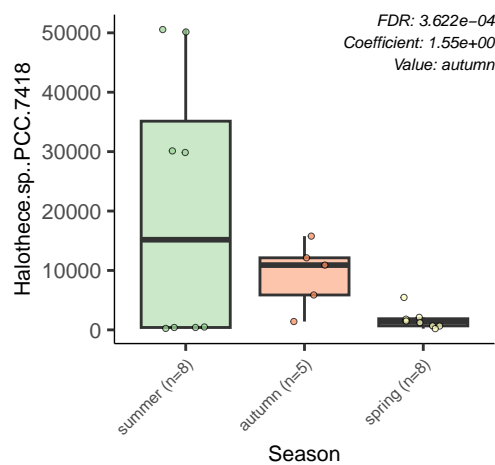
FDR: 3.622e-04
Coefficient: 1.55e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Gluconacetobacter.diazotrophicus

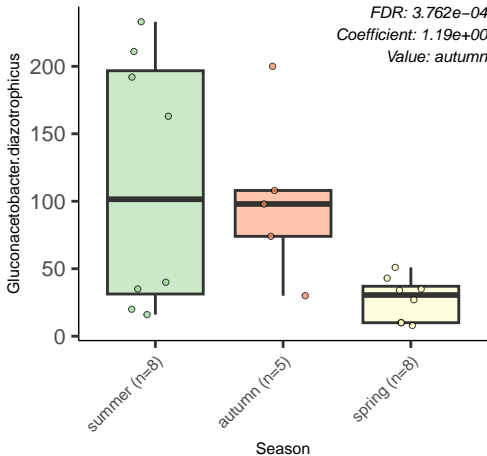
FDR: 3.762e-04
Coefficient: 1.19e+00
Value: autumn

summer (n=8)

autumn (n=5)

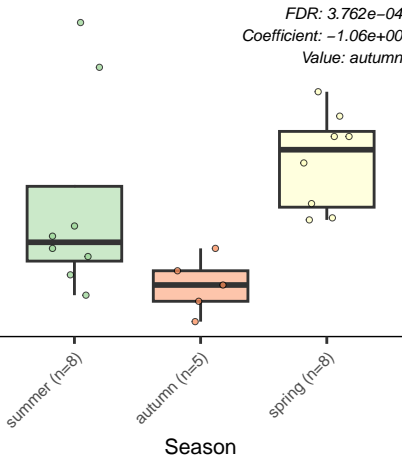
spring (n=8)

Season



Sandaracinus.amylolyticus

FDR: $3.762e-04$
Coefficient: $-1.06e+00$
Value: autumn



Azospirillum.brasilense

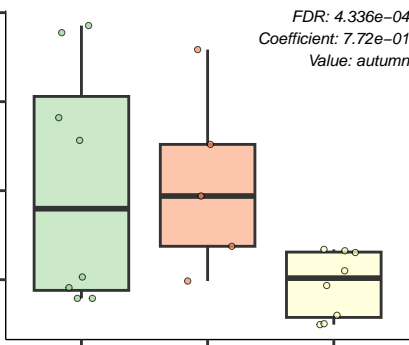
FDR: 4.336e-04
Coefficient: 7.72e-01
Value: autumn

summer (n=8)

autumn (n=5)

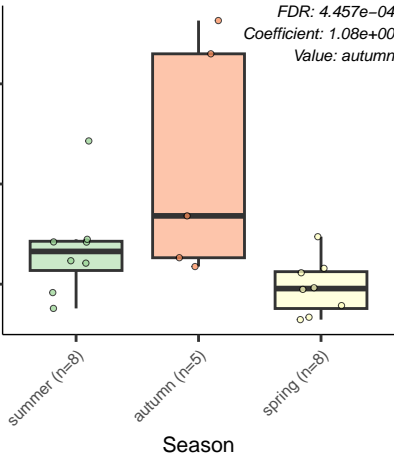
spring (n=8)

Season

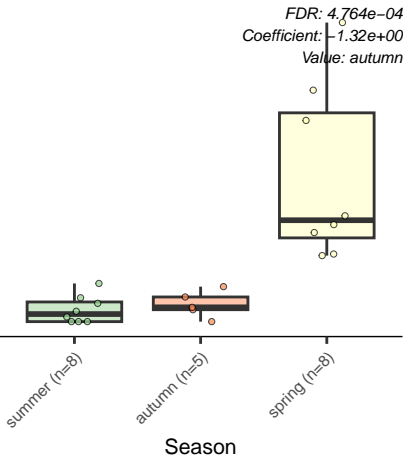


Oscillatoria.acuminata

FDR: 4.457e-04
Coefficient: 1.08e+00
Value: autumn



Fistulifera.solaris



Siansivirga.zeaxanthinifaciens

60

40

20

0

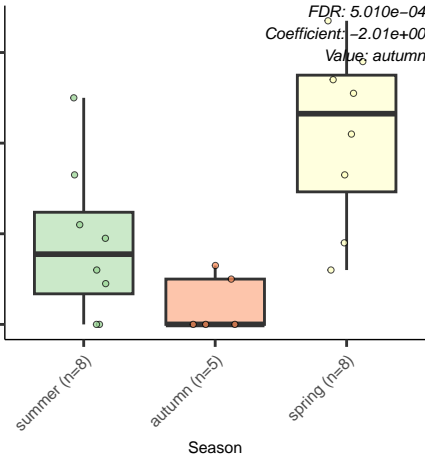
summer (n=8)

autumn (n=5)

spring (n=8)

Season

FDR: $5.010e-04$
Coefficient: $-2.01e+00$
Value: autumn



Methylorubrum.populi

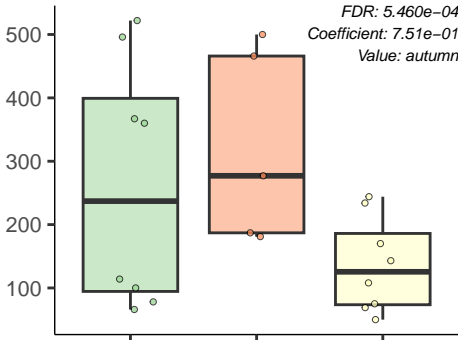
FDR: 5.460e-04
Coefficient: 7.51e-01
Value: autumn

summer (n=8)

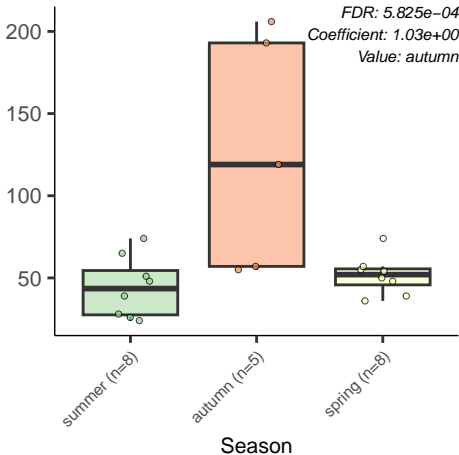
autumn (n=5)

spring (n=8)

Season



Maricaulis.maris



Azospirillum.thiophilum

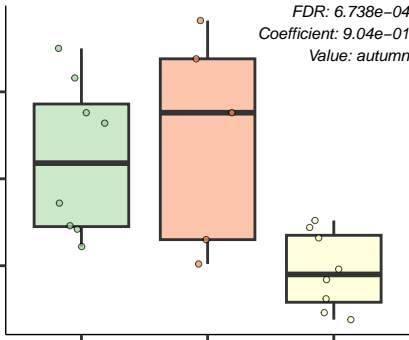
FDR: 6.738e-04
Coefficient: 9.04e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Candidatus. Tenderia. electrophaga

FDR: $6.751e-04$
Coefficient: $-1.40e+00$
Value: autumn

100

50

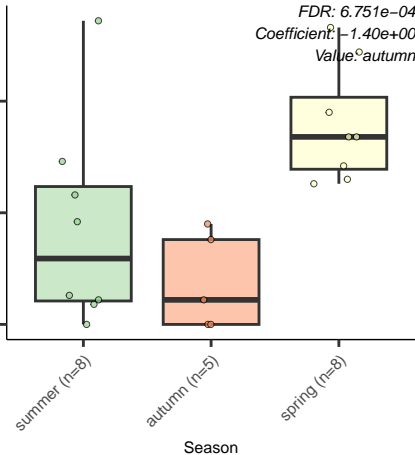
0

summer (n=8)

autumn (n=5)

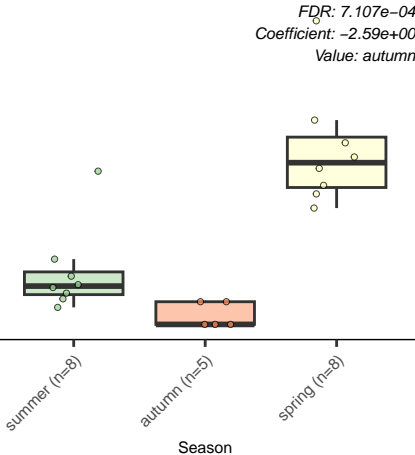
spring (n=8)

Season



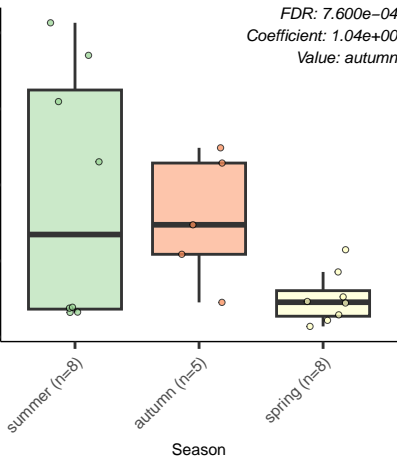
unknown.marine.alpha.proteobacterium.JP7.1

FDR: $7.107e-04$
Coefficient: $-2.59e+00$
Value: autumn



uncultured.alpha.proteobacterium.EF100_102A06

FDR: 7.600e-04
Coefficient: 1.04e+00
Value: autumn



Thioalkalivibrio.versutus

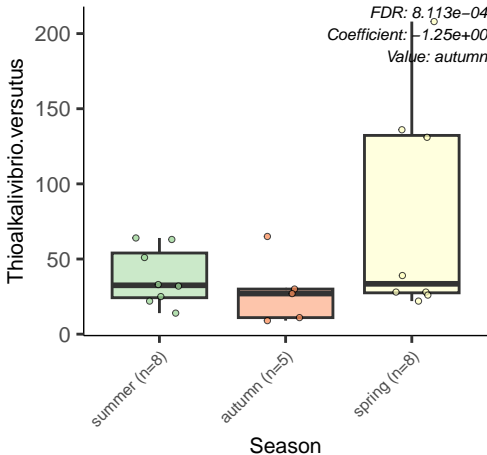
FDR: 8.113e-04
Coefficient: -1.25e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Nitrospirillum.amazonense

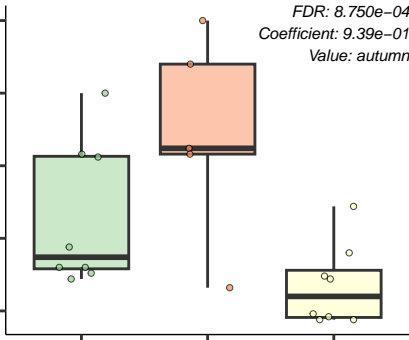
FDR: 8.750e-04
Coefficient: 9.39e-01
Value: autumn

summer (n=8)

autumn (n=5)

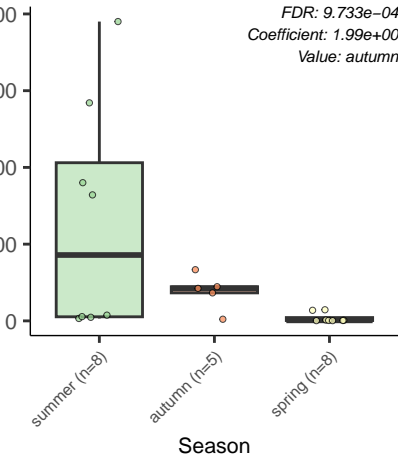
spring (n=8)

Season



Dactylococcopsis.salina

FDR: 9.733e-04
Coefficient: 1.99e+00
Value: autumn



Microcoleus.sp..PCC.7113

FDR: 1.067e-03
Coefficient: 9.90e-01
Value: autumn

7500

5000

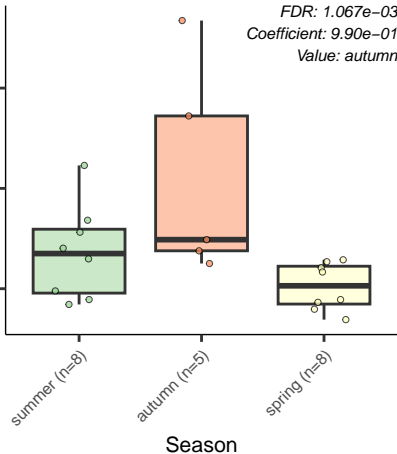
2500

summer (n=8)

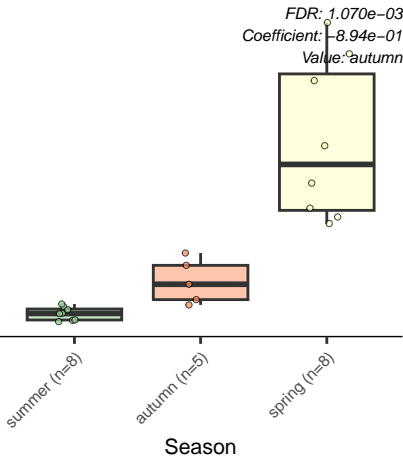
autumn (n=5)

spring (n=8)

Season

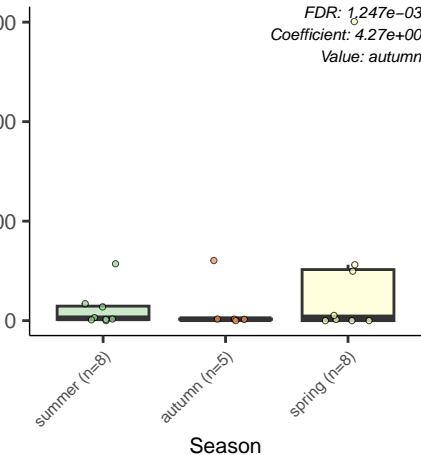


uncultured.eukaryote

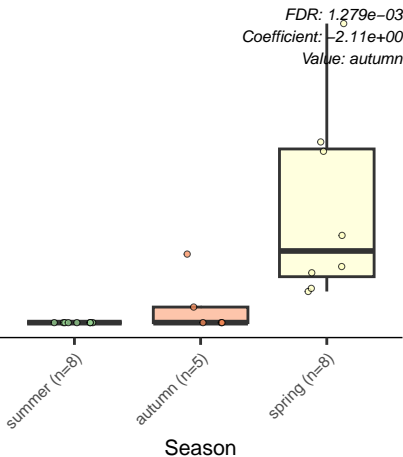


Vibrio.alginolyticus

FDR: $1.247e-03$
Coefficient: $4.27e+00$
Value: autumn



Formosa.agariphila



Pelagibaca.abyssi

FDR: $1.281\text{e-}03$
Coefficient: $-5.93\text{e-}01$
Value: autumn

1500

1000

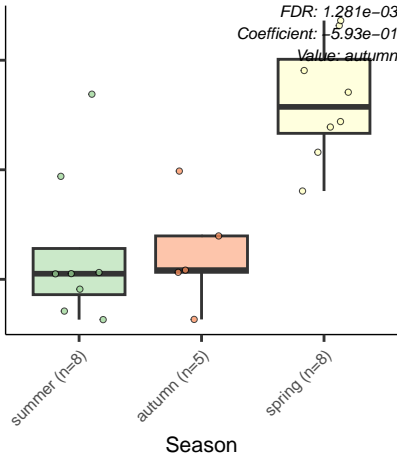
500

summer (n=8)

autumn (n=5)

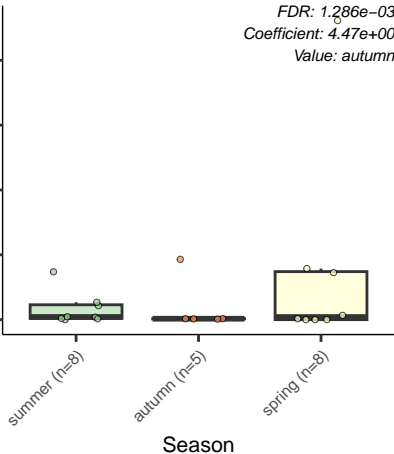
spring (n=8)

Season



Vibrio.parahaemolyticus

FDR: 1.286×10^{-3}
Coefficient: 4.47×10^0
Value: autumn



Asterionellopsis.glacialis

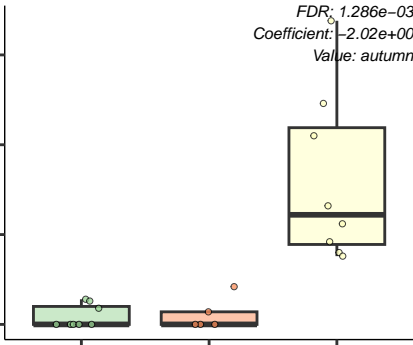
FDR: $1.286e-03$
Coefficient: $-2.02e+00$
Value: autumn

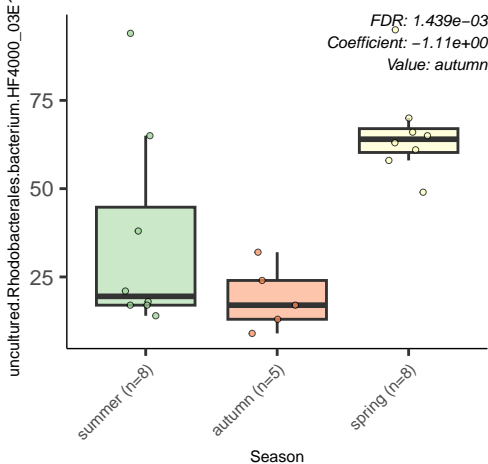
summer (n=8)

autumn (n=5)

spring (n=8)

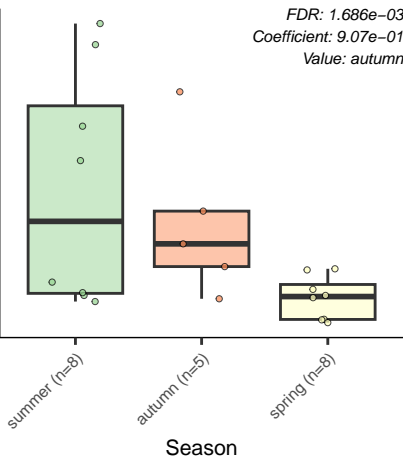
Season



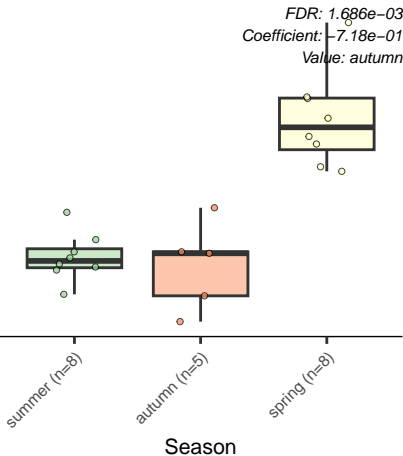


Methylorubrum.extorquens

FDR: 1.686e-03
Coefficient: 9.07e-01
Value: autumn



uncultured.planctomycete



Salinispira.pacifica

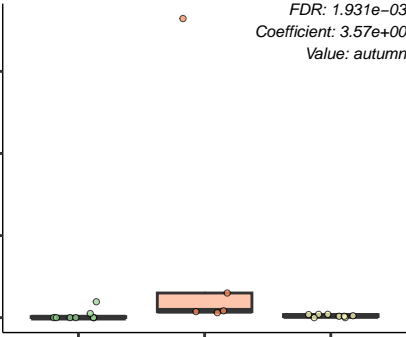
FDR: 1.931e-03
Coefficient: 3.57e+00
Value: autumn

summer (n=8)

autumn (n=5)

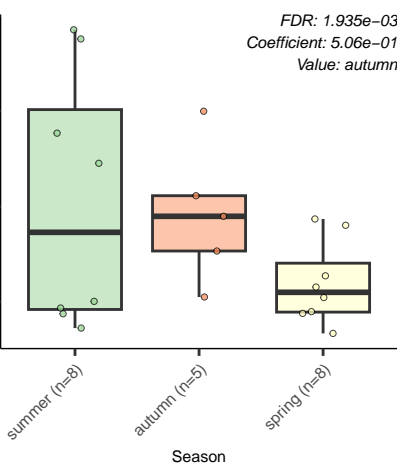
spring (n=8)

Season

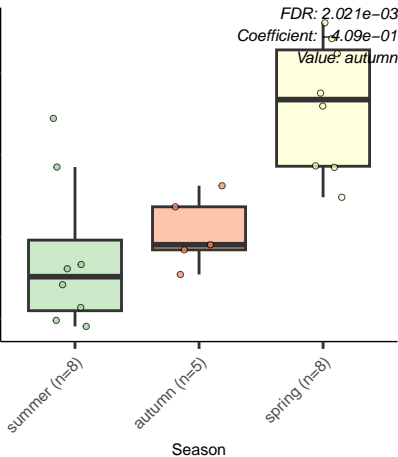


uncultured.Alphaproteobacteria.bacterium

FDR: 1.935e-03
Coefficient: 5.06e-01
Value: autumn



Celeribacter.manganoxidans



Syntrophobacter.fumaroxidans

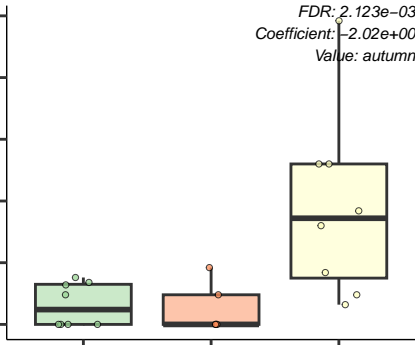
FDR: 2.123e-03
Coefficient: -2.02e+00
Value: autumn

summer (n=8)

autumn (n=5)

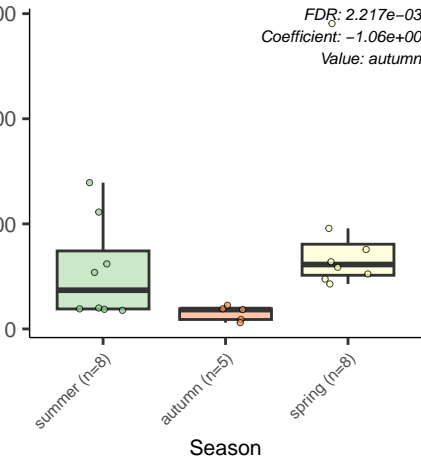
spring (n=8)

Season



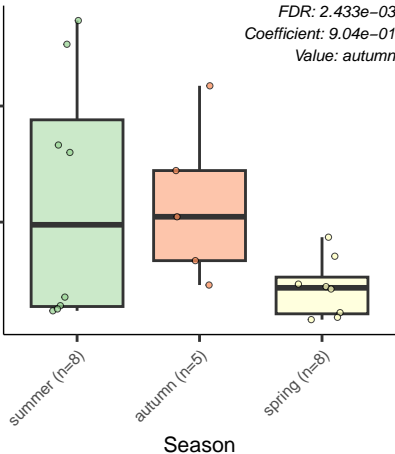
Phaeobacter.gallaeciensis

FDR: $2.217e-03$
Coefficient: $-1.06e+00$
Value: autumn



Tistrella.mobilis

FDR: 2.433e-03
Coefficient: 9.04e-01
Value: autumn



Sphingobacterium.sp..21

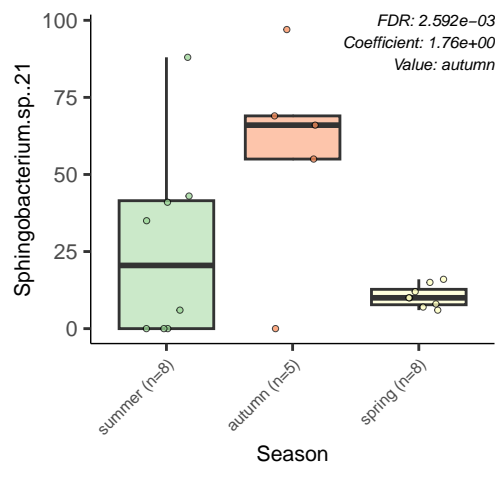
FDR: 2.592e-03
Coefficient: 1.76e+00
Value: autumn

summer (n=8)

autumn (n=5)

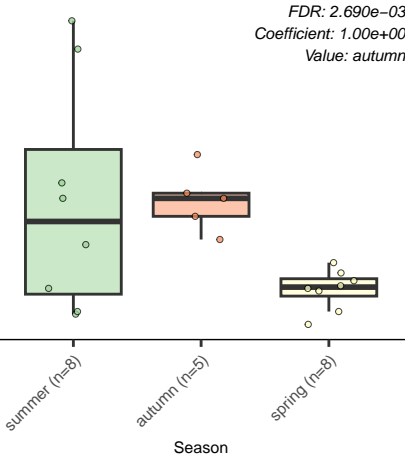
spring (n=8)

Season



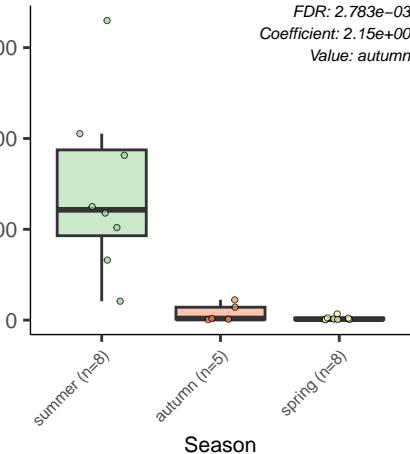
Porphyrrobacter.neustonensis

FDR: 2.690e-03
Coefficient: 1.00e+00
Value: autumn



Halorubrum.lacusprofundi

FDR: 2.783e-03
Coefficient: 2.15e+00
Value: autumn



Microcoleus.sp..PCC.8701

FDR: 2.835e-03
Coefficient: 1.70e+00
Value: autumn

1000

500

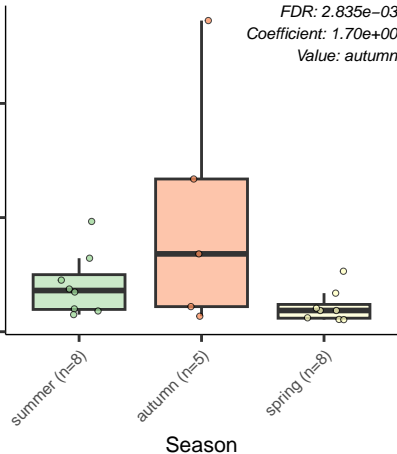
0

summer (n=8)

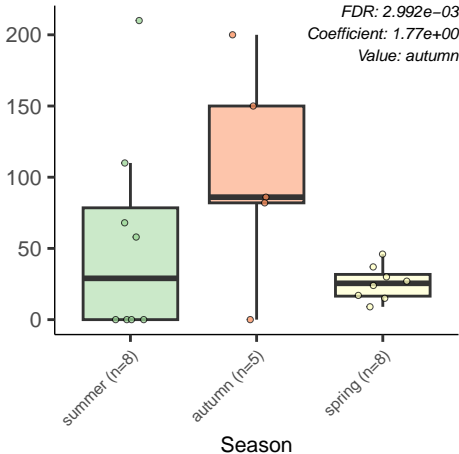
autumn (n=5)

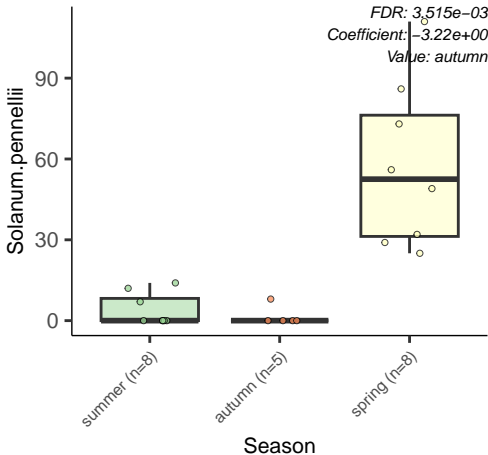
spring (n=8)

Season



Emticia.oligotrophica





Amphora.coffeiformis

60
40
20
0

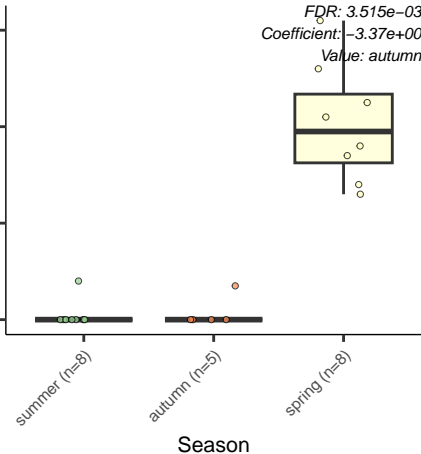
summer (n=8)

autumn (n=5)

spring (n=8)

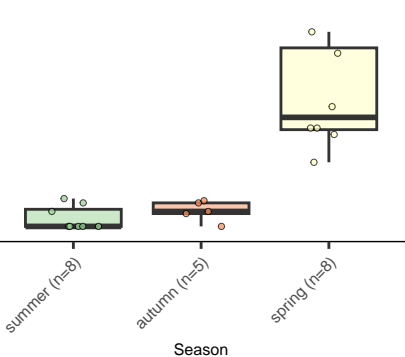
Season

FDR: $3.515e-03$
Coefficient: $-3.37e+00$
Value: autumn

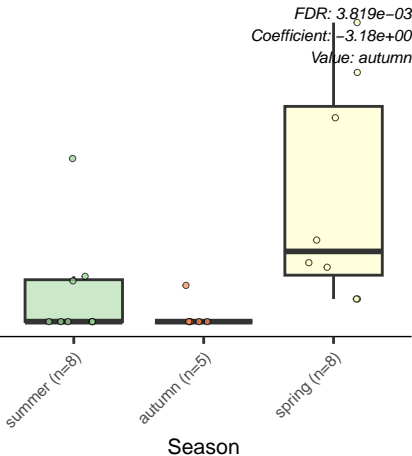


uncultured.phototrophic.eukaryote

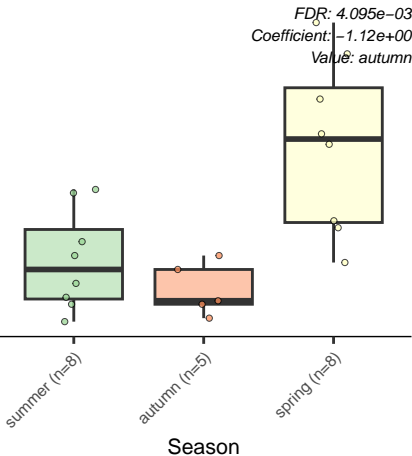
FDR: 3.739e-03
Coefficient: -1.60e+00
Value: autumn



Nonlabens.sp..Hel1_33_55



Belliella.baltica



Leptolyngbya.sp..CCM.4

FDR: 4.480e-03
Coefficient: -1.85e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season

60

40

20

0

Algbacter.alginicilyticus

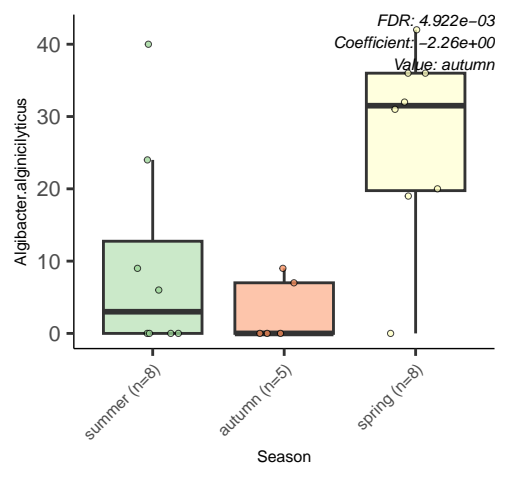
FDR: $4.922e-03$
Coefficient: $-2.26e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Yangia.sp..CCB.MM3

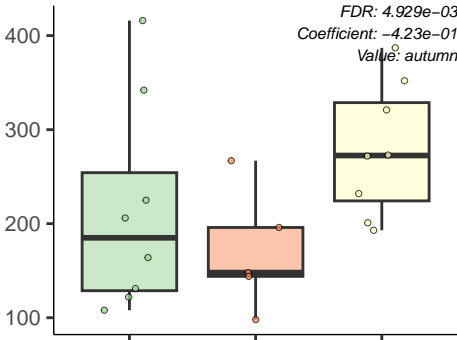
FDR: 4.929e-03
Coefficient: -4.23e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Haematospirillum.jordaniae

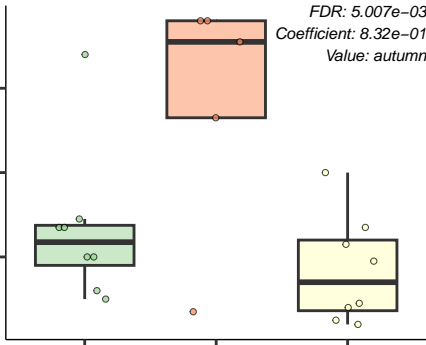
summer (n=8)

autumn (n=5)

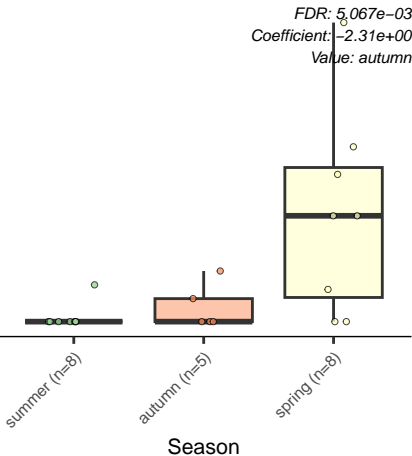
spring (n=8)

Season

FDR: 5.007e-03
Coefficient: 8.32e-01
Value: autumn



Isochrysis.galbana



Salegentibacter.salegens

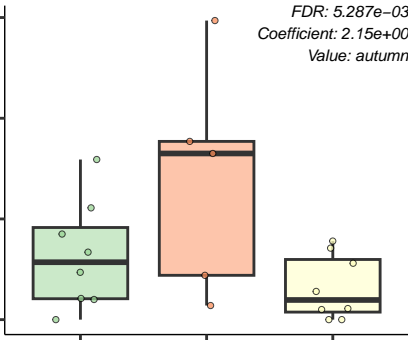
FDR: 5.287e-03
Coefficient: 2.15e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Geitlerinema.sp..PCC.7407

FDR: 5.522e-03
Coefficient: 8.66e-01
Value: autumn

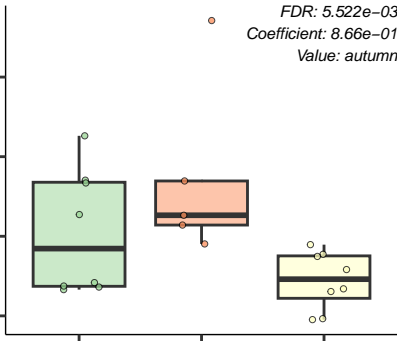
4000
3000
2000
1000

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.Chroococcidiopsis.sp.

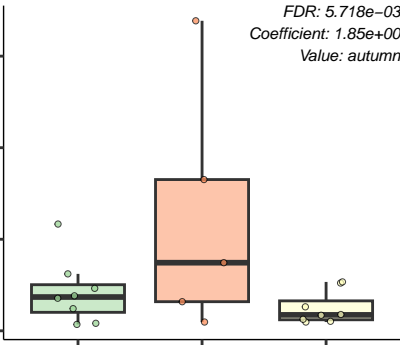
FDR: 5.718e-03
Coefficient: 1.85e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



sulfur.oxidizing.bacterium.OB115

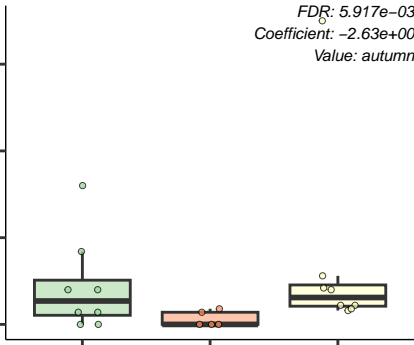
FDR: $5.917e-03$
Coefficient: $-2.63e+00$
Value: autumn

summer (n=8)

autumn (n=5)

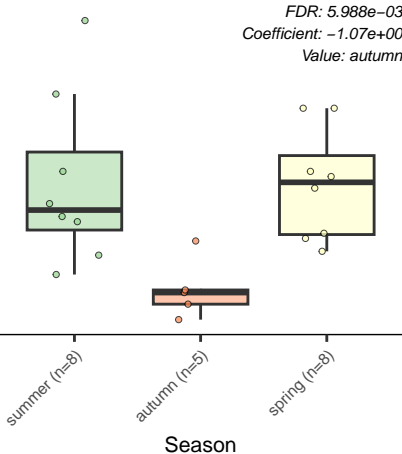
spring (n=8)

Season



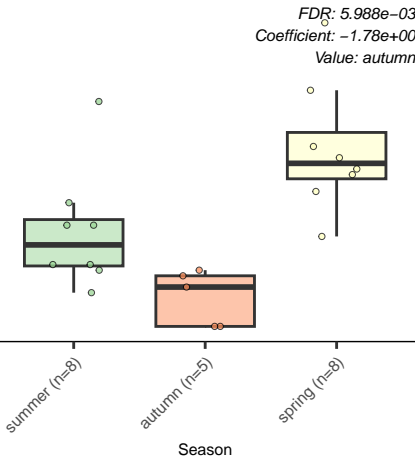
Roseovarius.tolerans

FDR: 5.988e-03
Coefficient: -1.07e+00
Value: autumn



uncultured.bacterium.ARCTIC31_D_06

FDR: 5.988e-03
Coefficient: -1.78e+00
Value: autumn



Maribacter.sp..MAR_2009_60

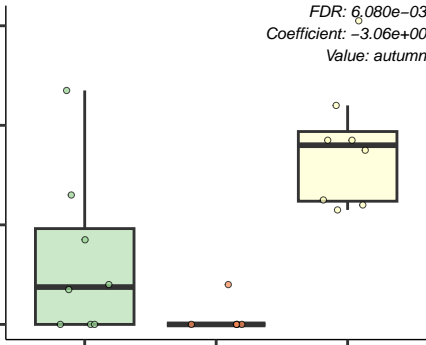
FDR: 6.080e-03
Coefficient: -3.06e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Azospirillum.lipoferum

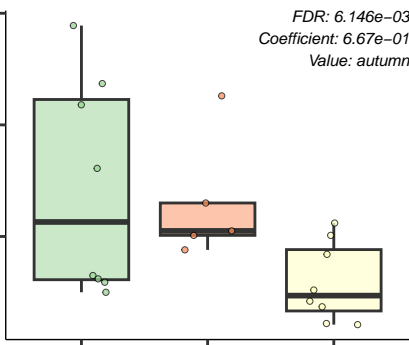
FDR: 6.146e-03
Coefficient: 6.67e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Porphyrrobacter.sp..CACIAM.03H1

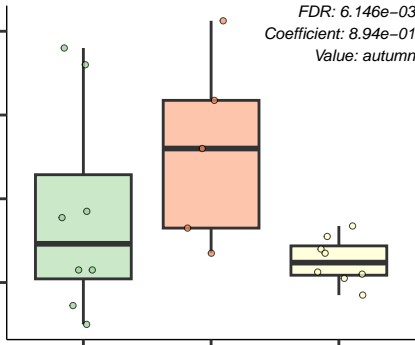
FDR: 6.146e-03
Coefficient: 8.94e-01
Value: autumn

summer (n=8)

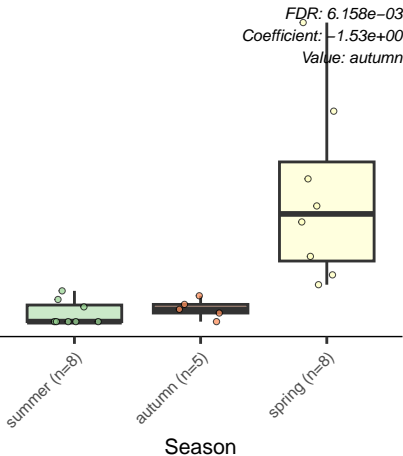
autumn (n=5)

spring (n=8)

Season



Gomphoneis.minuta



Dokdonella.koreensis

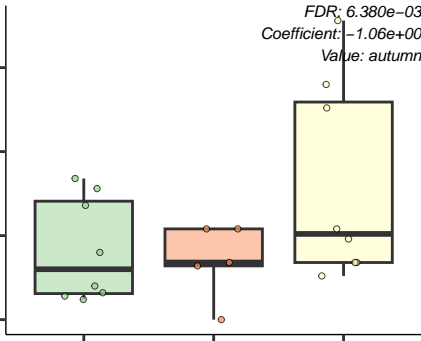
FDR: $6.380e-03$
Coefficient: $-1.06e+00$
Value: autumn

summer (n=8)

autumn (n=5)

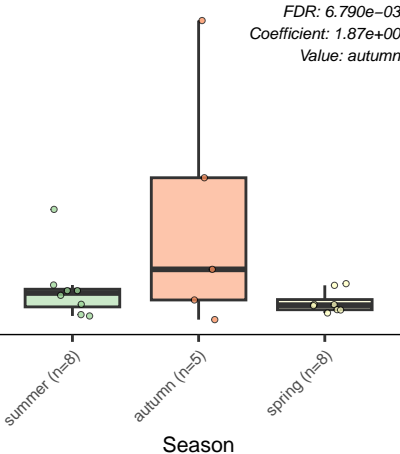
spring (n=8)

Season



Scytonema.sp..NIES.4073

FDR: 6.790e-03
Coefficient: 1.87e+00
Value: autumn



Caulobacter.vibrioides

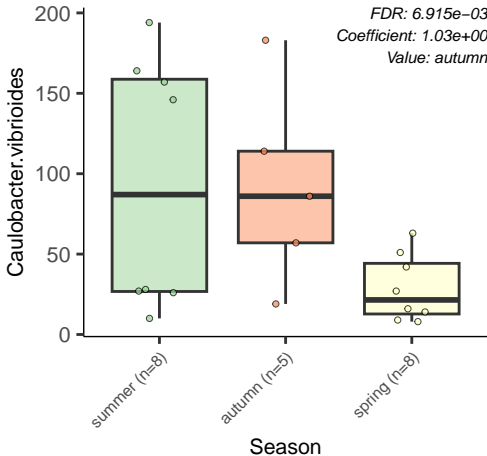
FDR: 6.915e-03
Coefficient: 1.03e+00
Value: autumn

summer (n=8)

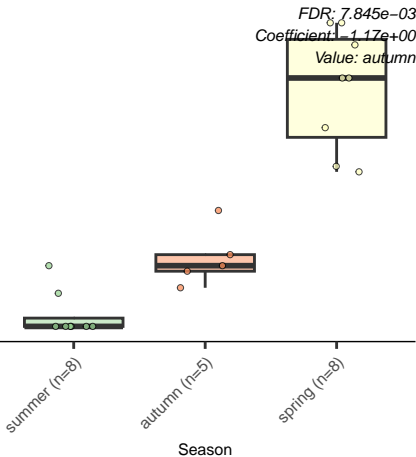
autumn (n=5)

spring (n=8)

Season

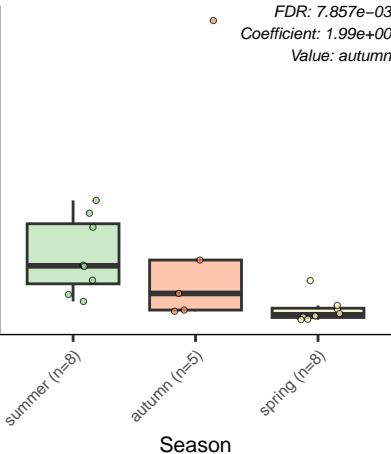


uncultured.Verrucomicrobiales.bacterium.HF0010_05E

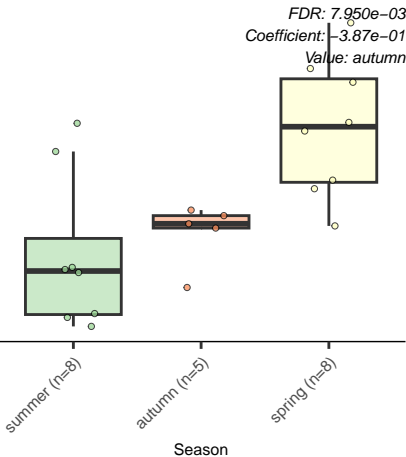


Halanaerobium.praevalens

FDR: 7.857e-03
Coefficient: 1.99e+00
Value: autumn



Leisingera.methylolaldivorans



Rhodovibrio.sodomensis

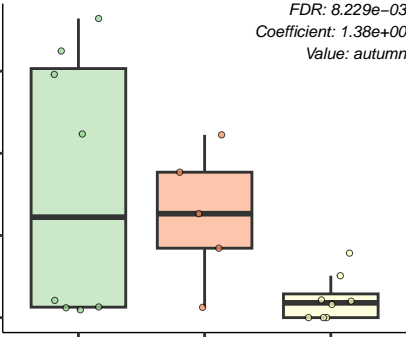
FDR: 8.229e-03
Coefficient: 1.38e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Muricauda.lutaonensis

FDR: 8.288e-03

Coefficient: -1.08e+00

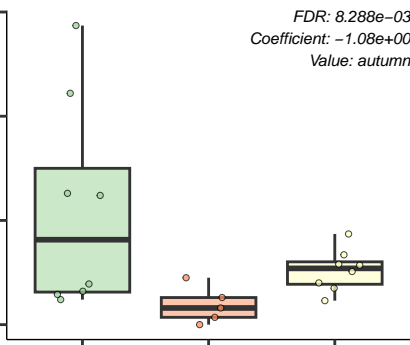
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Erythrobacter.litoralis

6000

4000

2000

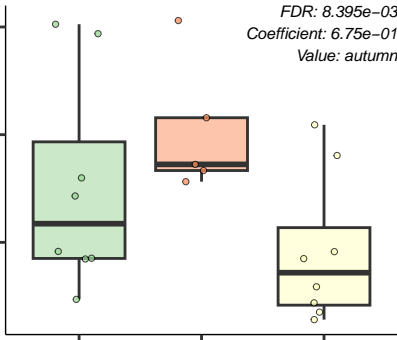
summer (n=8)

autumn (n=5)

spring (n=8)

Season

FDR: 8.395e-03
Coefficient: 6.75e-01
Value: autumn



Roseomonas.sp..FDAARGOS_362

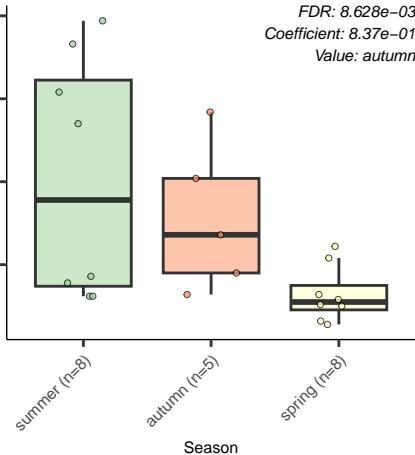
FDR: $8.628e-03$
Coefficient: $8.37e-01$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Woeseia.oceani

750

500

250

0

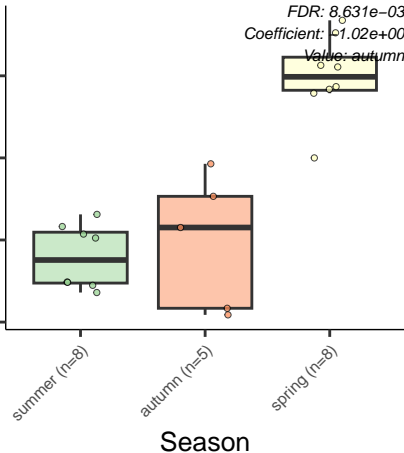
summer (n=8)

autumn (n=5)

spring (n=8)

Season

FDR: $8.631e-03$
Coefficient: $1.02e+00$
Value: autumn



uncultured.bacterium.W5.47b

FDR: 8.633e-03
Coefficient: 1.65e+00
Value: autumn

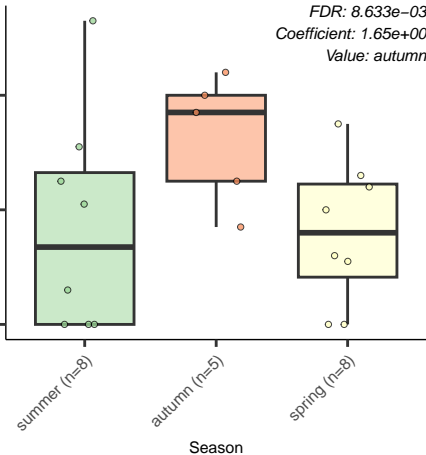
summer (n=8)

autumn (n=5)

spring (n=8)

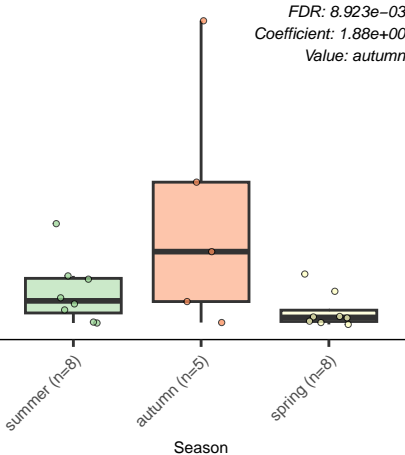
Season

40
20
0

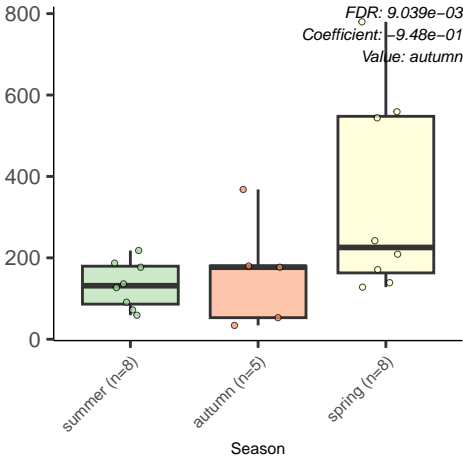


Candidatus.Atelocyanobacterium.thalassa

FDR: 8.923e-03
Coefficient: 1.88e+00
Value: autumn



Thioalkalivibrio.sulfidiphilus



Muricauda.ruestringensis

FDR: $9.304e-03$
Coefficient: $-1.57e+00$
Value: autumn

20000

10000

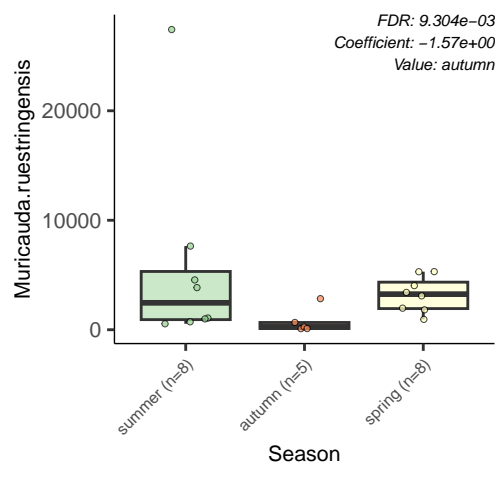
0

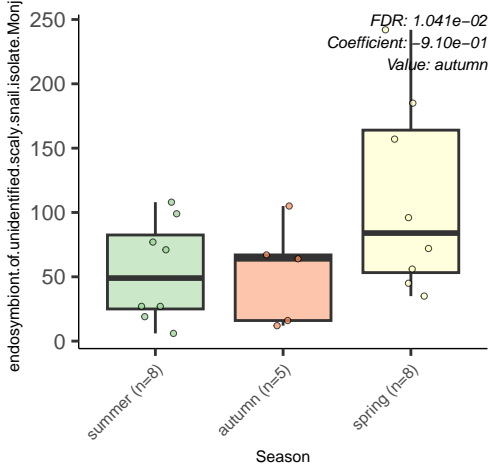
summer (n=8)

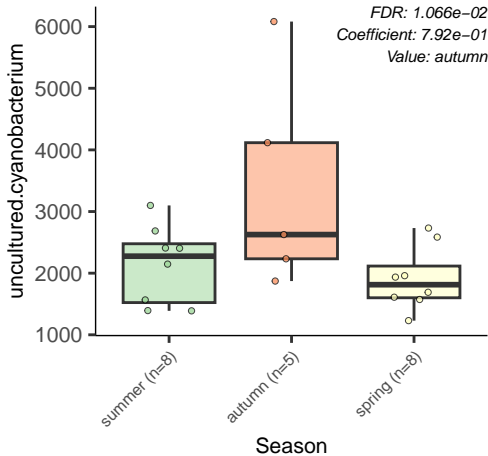
autumn (n=5)

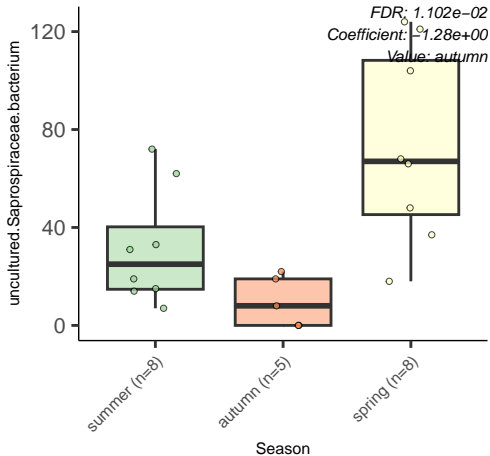
spring (n=8)

Season

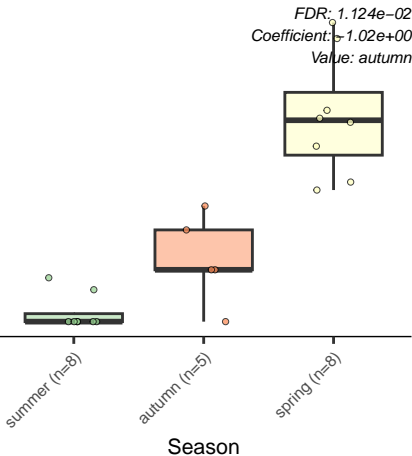








uncultured.fungus



Paracoccus.koreensis

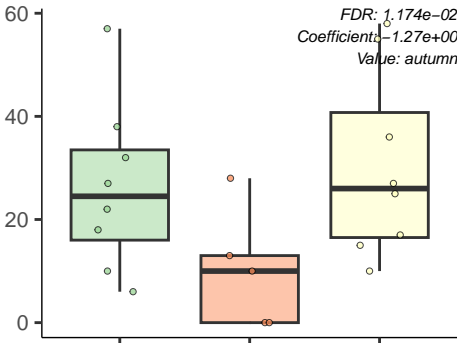
FDR: $1.174e-02$
Coefficient: $-1.27e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Pleurocapsa.minor

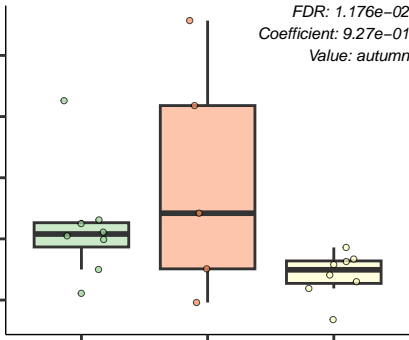
FDR: 1.176e-02
Coefficient: 9.27e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Moorea.producens

FDR: 1.191e-02
Coefficient: 7.85e-01
Value: autumn

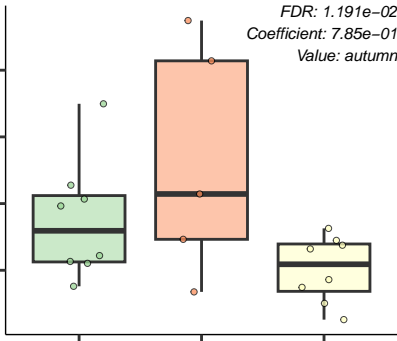
1250
1000
750
500

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Halorubrum.trapanicum

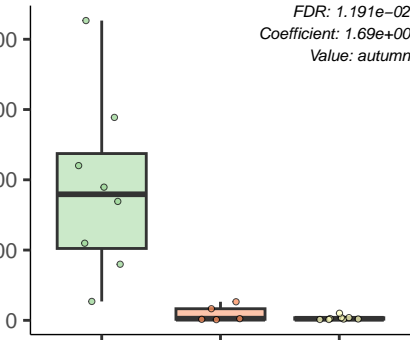
FDR: 1.191e-02
Coefficient: 1.69e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Microcoleus.sp..DAI

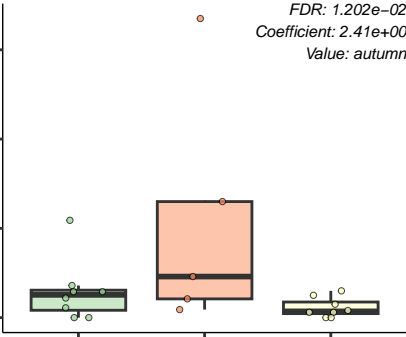
FDR: 1.202e-02
Coefficient: 2.41e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



bacterium.RC13

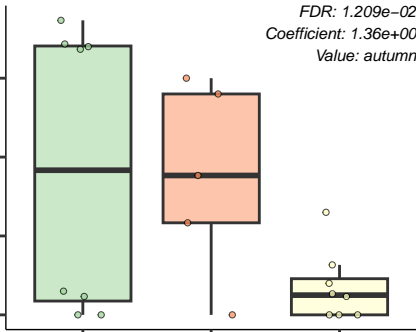
FDR: 1.209e-02
Coefficient: 1.36e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Microvirga.ossetica

FDR: 1.225e-02
Coefficient: 6.90e-01
Value: autumn

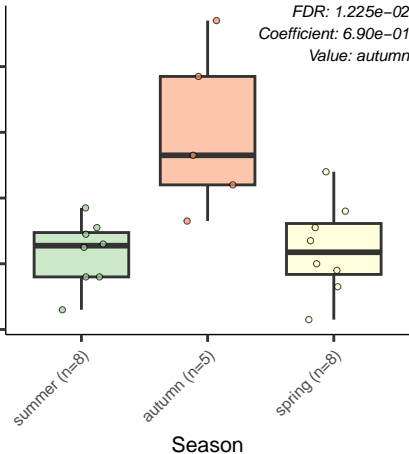
summer (n=8)

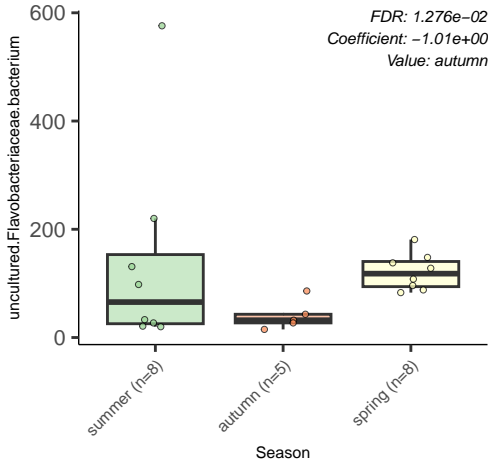
autumn (n=5)

spring (n=8)

Season

100
80
60
40
20





Lysobacter.enzymogenes

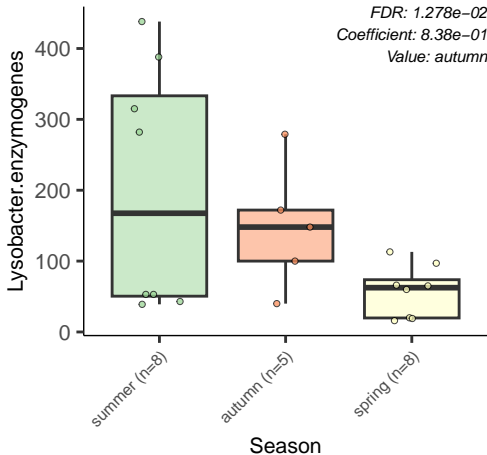
FDR: 1.278e-02
Coefficient: 8.38e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Salinigranum.rubrum

FDR: 1.320e-02
Coefficient: 1.57e+00
Value: autumn

20000

10000

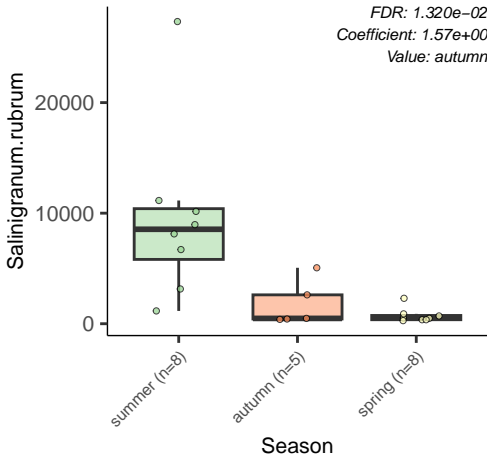
0

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Alteromonas.sp..RW2A1

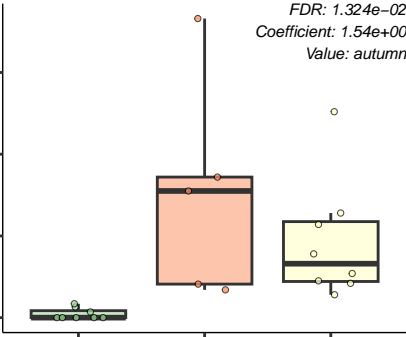
FDR: 1.324e-02
Coefficient: 1.54e+00
Value: autumn

summer (n=8)

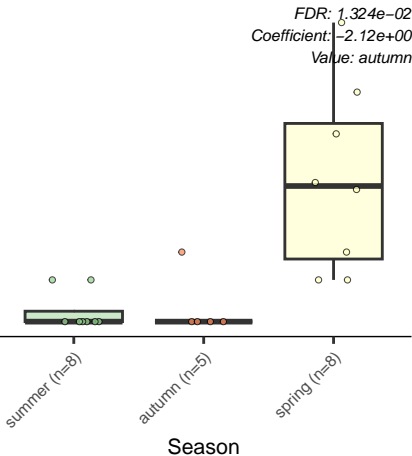
autumn (n=5)

spring (n=8)

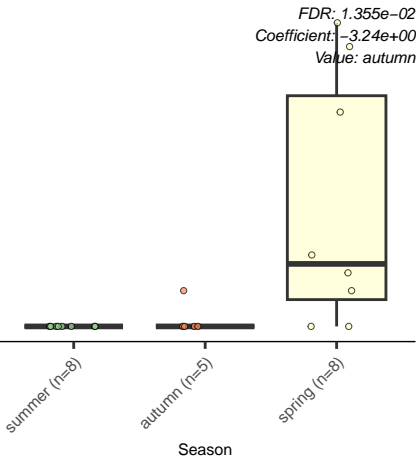
Season



Lacinutrix.venerupis

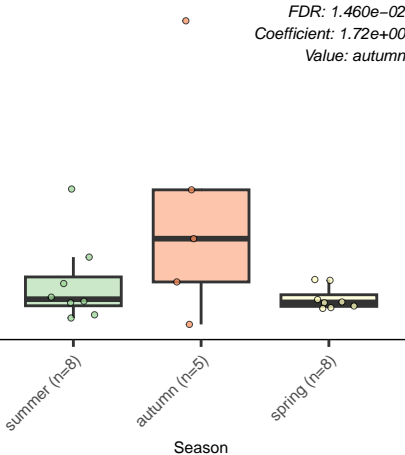


Polaribacter.sp..Hel1_33_78



uncultured.nitrogen.fixing.bacterium

FDR: 1.460e-02
Coefficient: 1.72e+00
Value: autumn



Cryptomonas.paramecium

60
40
20
0

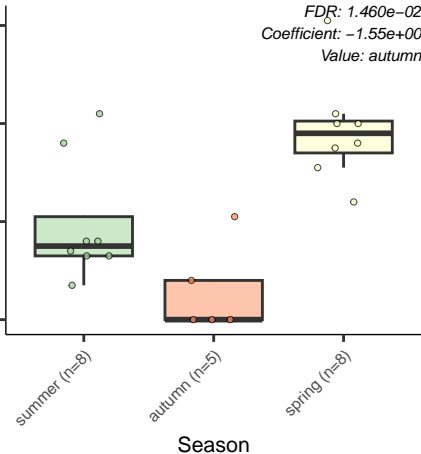
summer (n=8)

autumn (n=5)

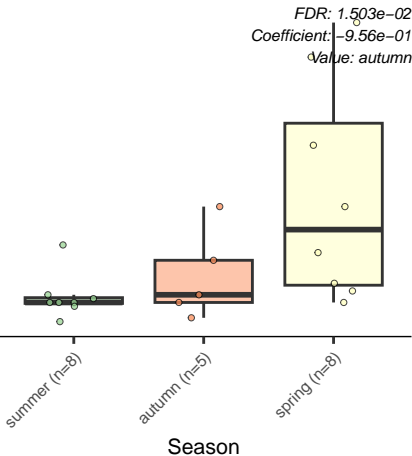
spring (n=8)

Season

FDR: 1.460e-02
Coefficient: -1.55e+00
Value: autumn

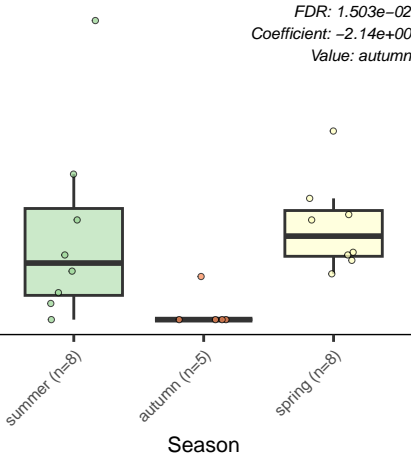


Xanthomonas.translucens



Maribacter.sp..HTCC2170

FDR: $1.503e-02$
Coefficient: $-2.14e+00$
Value: autumn



Crinalium.epipsammum

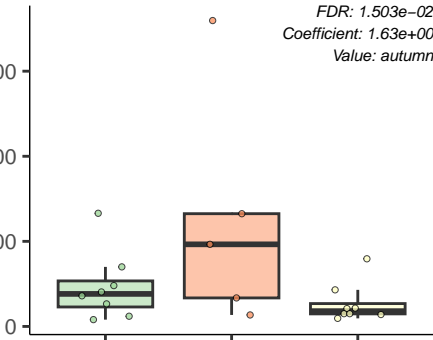
FDR: 1.503e-02
Coefficient: 1.63e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Synechocystis.sp..PCC.6803

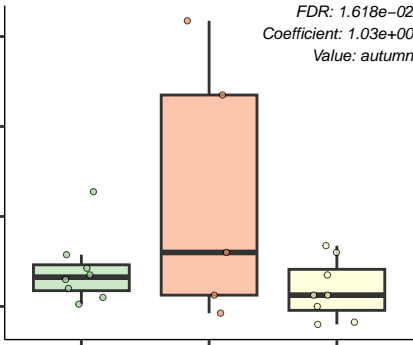
FDR: 1.618e-02
Coefficient: 1.03e+00
Value: autumn

summer (n=8)

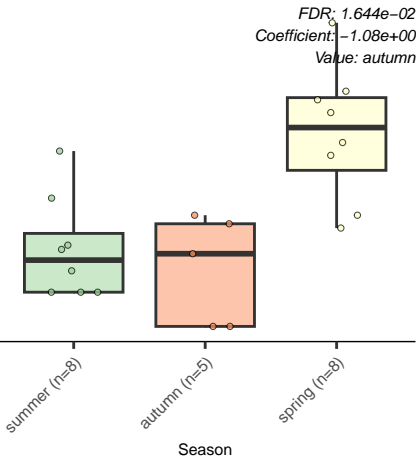
autumn (n=5)

spring (n=8)

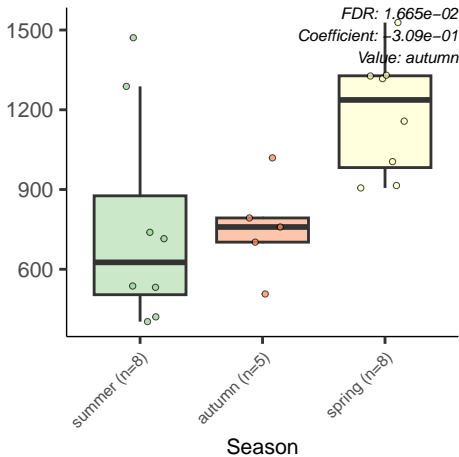
Season



Candidatus.Thiosymbion.oneisti



Salpiger.profundus



Maribacter.cobaltilidurans

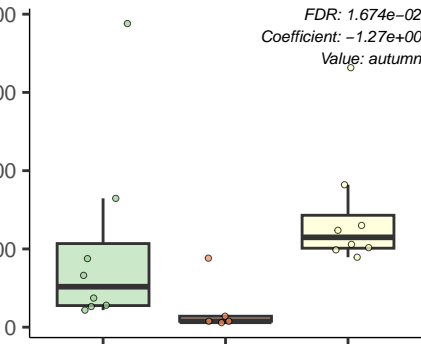
FDR: 1.674e-02
Coefficient: -1.27e+00
Value: autumn

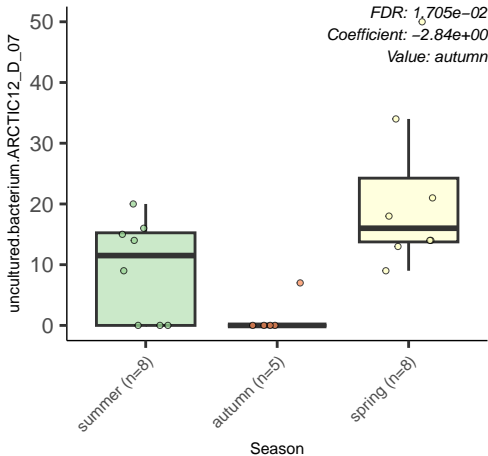
summer (n=8)

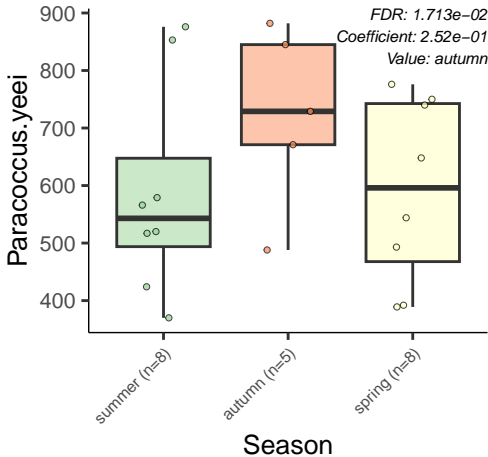
autumn (n=5)

spring (n=8)

Season







Halorubrum.sp.

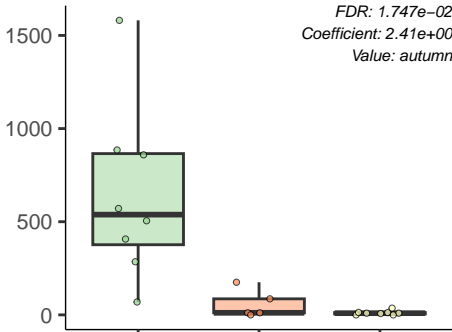
FDR: 1.747e-02
Coefficient: 2.41e+00
Value: autumn

summer (n=8)

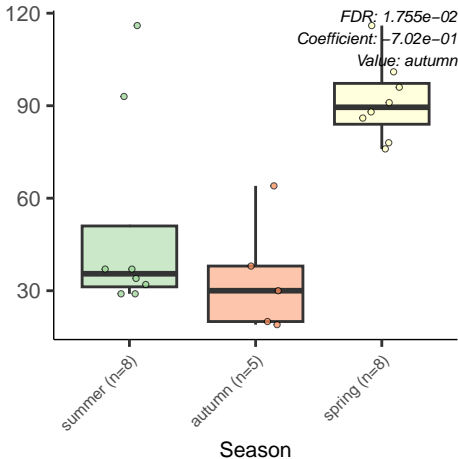
autumn (n=5)

spring (n=8)

Season

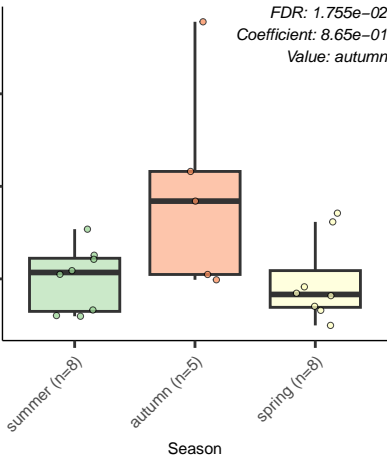


Paracoccus.sp..BM15



Coleofasciculus.chthonoplastes

FDR: 1.755e-02
Coefficient: 8.65e-01
Value: autumn



Nostoc.flagelliforme

FDR: 1.771e-02
Coefficient: 2.38e+00
Value: autumn

summer (n=8)

autumn (n=5)

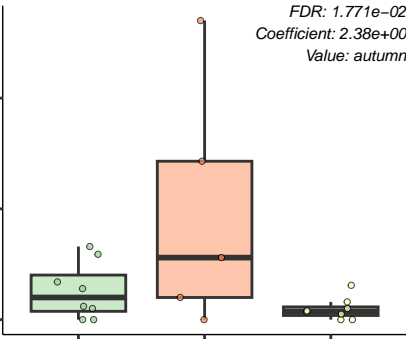
spring (n=8)

Season

200

100

0



Ornithobacterium.rhinotracheale

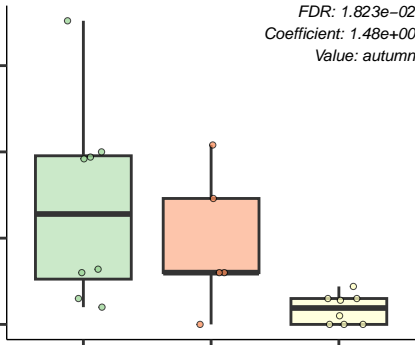
FDR: 1.823e-02
Coefficient: 1.48e+00
Value: autumn

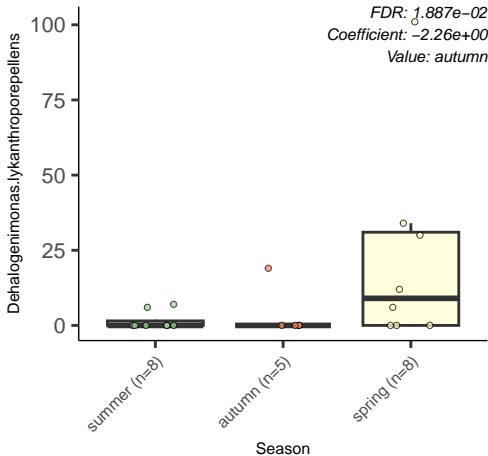
summer (n=8)

autumn (n=5)

spring (n=8)

Season





uncultured.actinobacterium

250
200
150
100
50
0

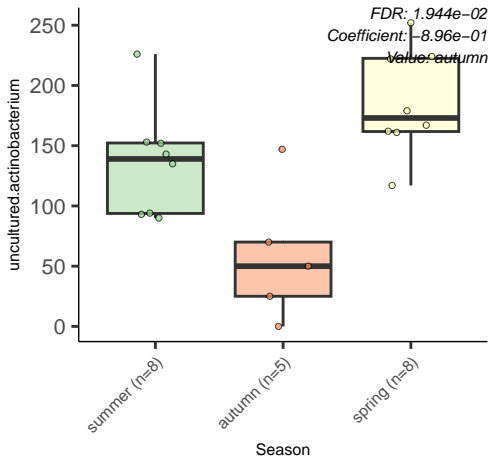
summer (n=8)

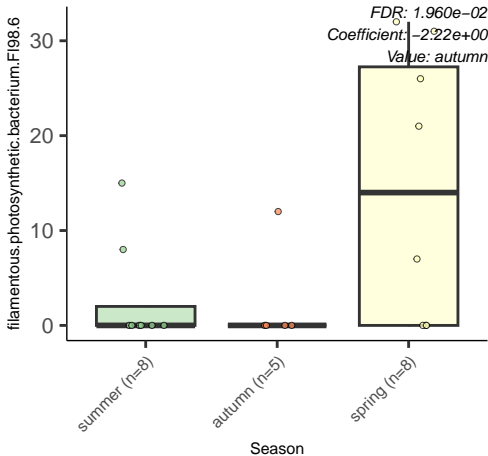
autumn (n=5)

spring (n=8)

Season

FDR: 1.944×10^{-2}
Coefficient: -8.96×10^{-1}
Value: autumn





Ilumatobacter.coccineus

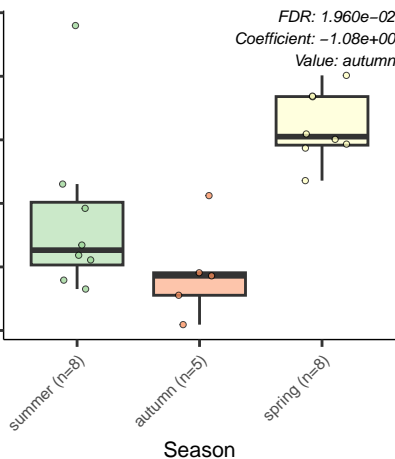
FDR: $1.960e-02$
Coefficient: $-1.08e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Acidihalobacter.ferrooxidans

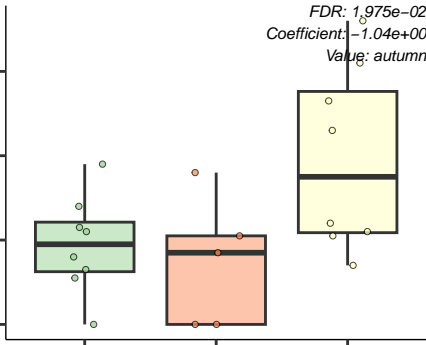
FDR: $1.975e-02$
Coefficient: $-1.04e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Thalassiosira.oceanica

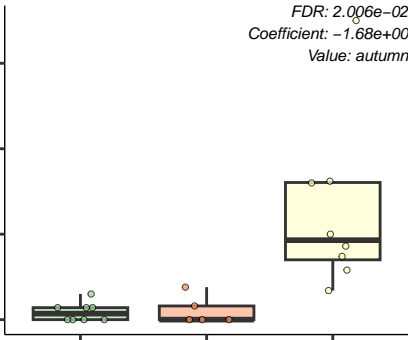
FDR: $2.006e-02$
Coefficient: $-1.68e+00$
Value: autumn

summer (n=8)

autumn (n=5)

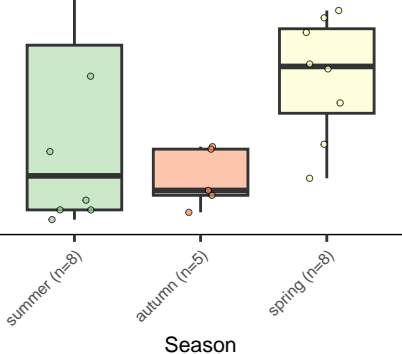
spring (n=8)

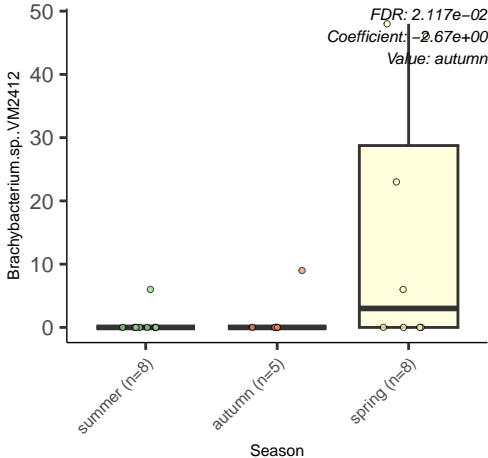
Season



Maribacter.sp..T28

FDR: 2.033e-02
Coefficient: -6.93e-01
Value: autumn





Steroidobacter.denitrificans

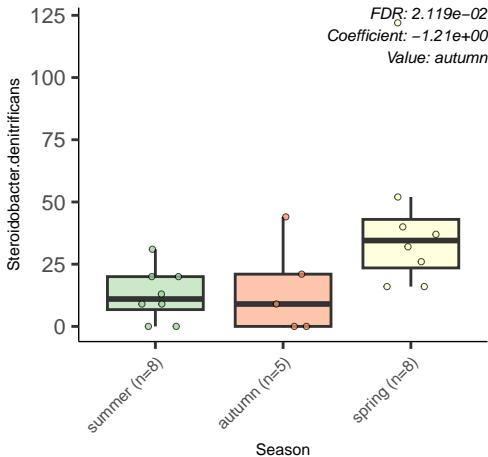
FDR: 2.119e-02
Coefficient: -1.21e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Alteromonas.sp..MB.3u.76

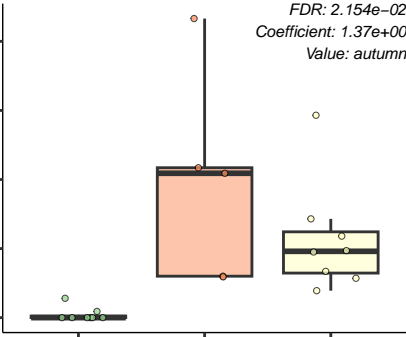
FDR: 2.154e-02
Coefficient: 1.37e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Synechococcus.sp..NIES.970

FDR: 2.256e-02
Coefficient: 1.90e+00
Value: autumn

summer (n=8)

autumn (n=5)

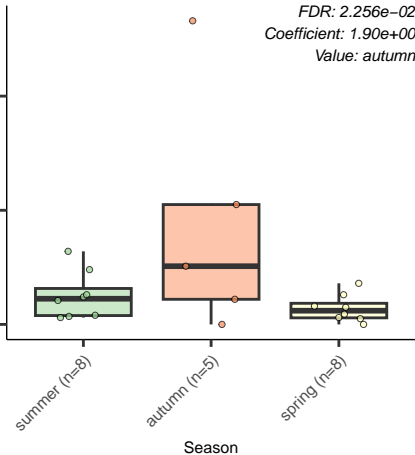
spring (n=8)

Season

200

100

0



Nitrosococcus.halophilus

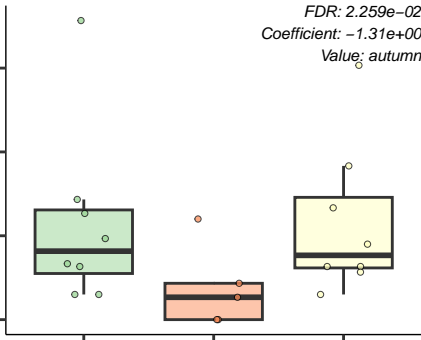
FDR: 2.259e-02
Coefficient: -1.31e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Caulobacter.mirabilis

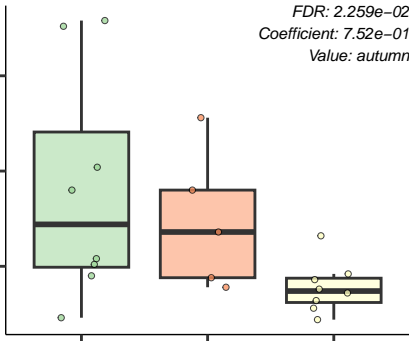
FDR: 2.259e-02
Coefficient: 7.52e-01
Value: autumn

summer (n=8)

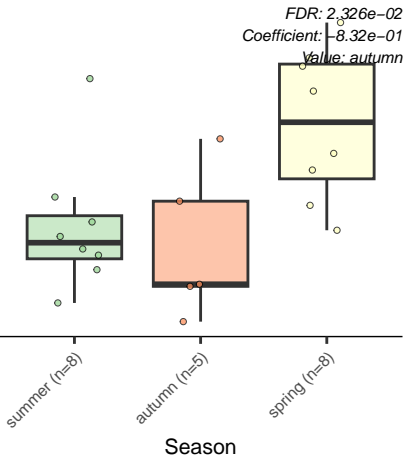
autumn (n=5)

spring (n=8)

Season

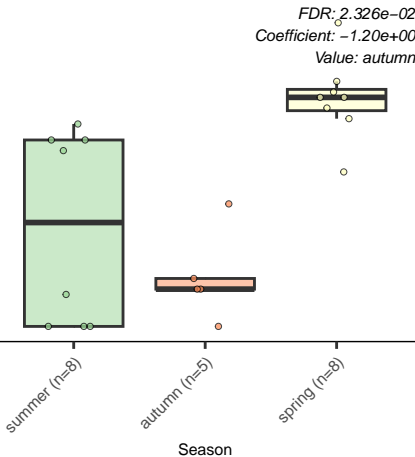


planctomycete.str..139



uncultured.Cryomorphaceae.bacterium

FDR: 2.326e-02
Coefficient: -1.20e+00
Value: autumn



Altererythrobacter.dongtanensis

FDR: 2.376e-02
Coefficient: 1.08e+00
Value: autumn

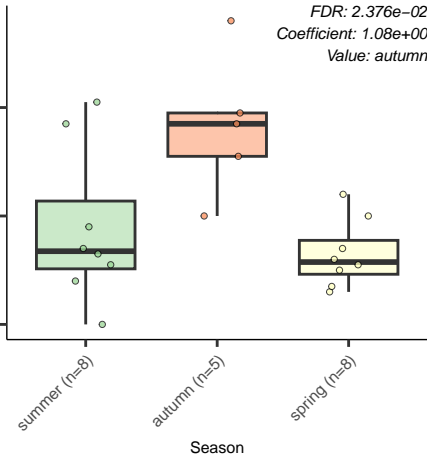
summer (n=8)

autumn (n=5)

spring (n=8)

Season

40
20
0



Trichormus.variabilis

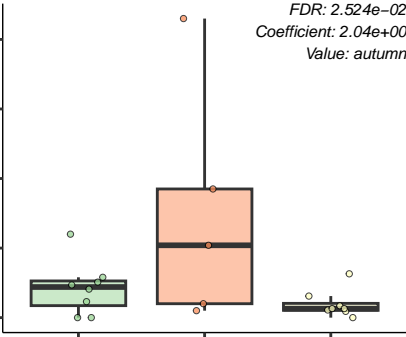
FDR: 2.524e-02
Coefficient: 2.04e+00
Value: autumn

summer (n=8)

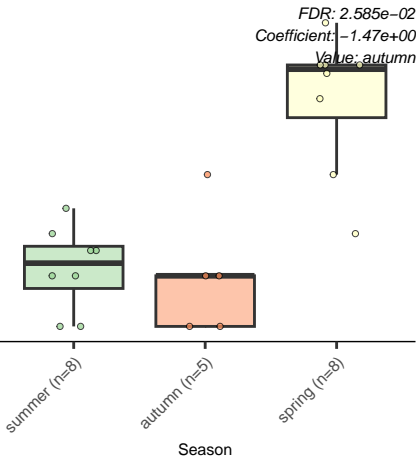
autumn (n=5)

spring (n=8)

Season



uncultured.Flexibacter.sp.



Calothrix.brevissima

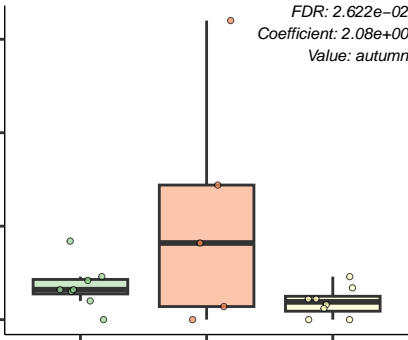
FDR: 2.622e-02
Coefficient: 2.08e+00
Value: autumn

summer (n=8)

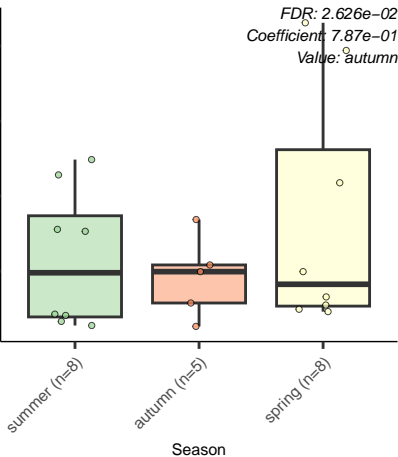
autumn (n=5)

spring (n=8)

Season



Rhizobiales.bacterium.NRL2



Leptolyngbya.sp..CCAP.1442.1

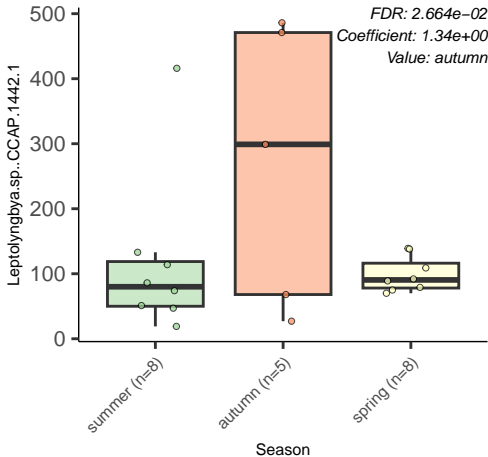
FDR: 2.664e-02
Coefficient: 1.34e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Psychroflexus.torquis

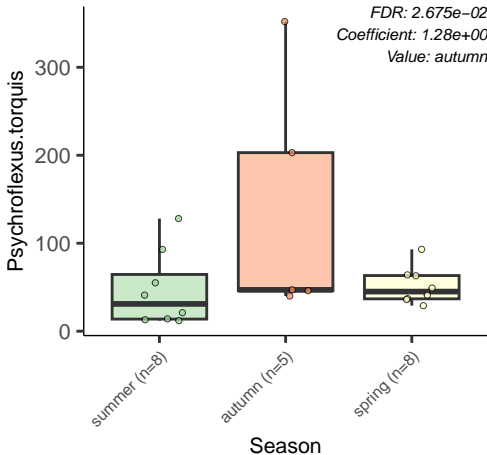
FDR: 2.675e-02
Coefficient: 1.28e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Oscillatoria.nigro.viridis

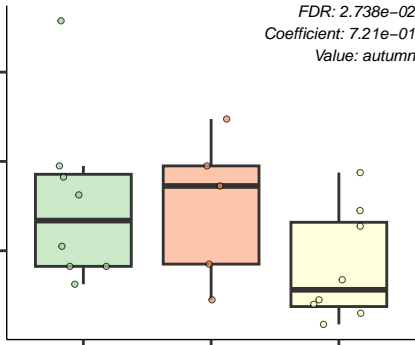
FDR: 2.738e-02
Coefficient: 7.21e-01
Value: autumn

summer (n=8)

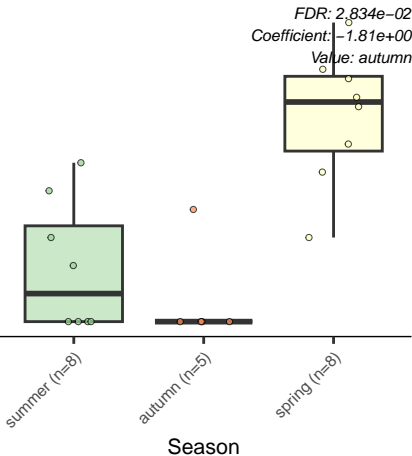
autumn (n=5)

spring (n=8)

Season



Polaribacter.sp..KT25b



Pyropia.haitanensis

FDR: 2.912e-02
Coefficient: 1.40e+00
Value: autumn

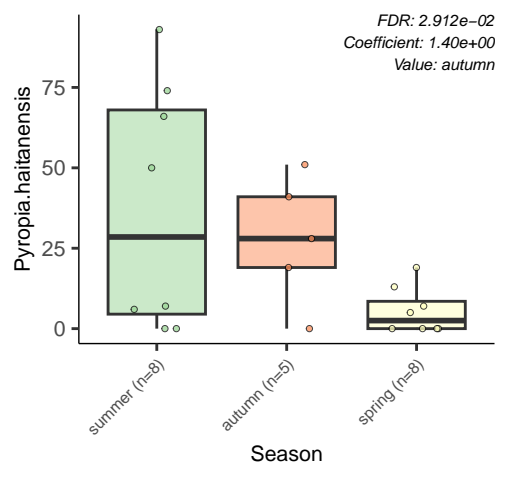
summer (n=8)

autumn (n=5)

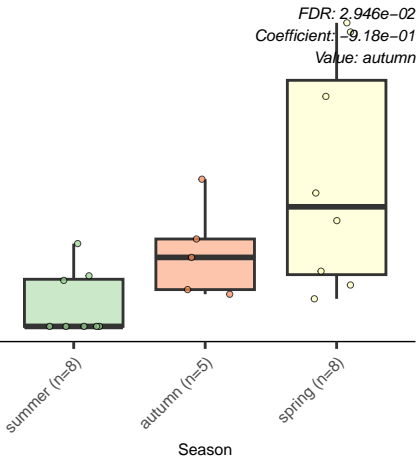
spring (n=8)

Season

75
50
25
0

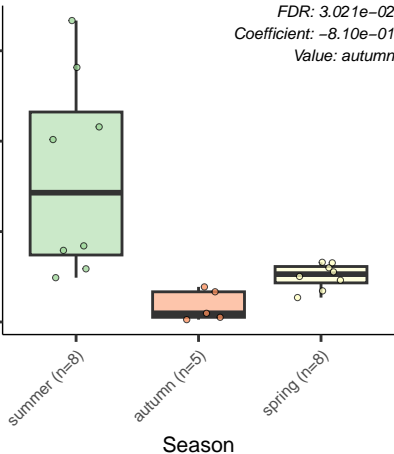


Candidatus.Amoebophilus.asiaticus



Robiginitalea.biformata

FDR: $3.021e-02$
Coefficient: $-8.10e-01$
Value: autumn



Sphingomonas.wittichii

FDR: 3.047e-02
Coefficient: 4.84e-01
Value: autumn

summer (n=8)

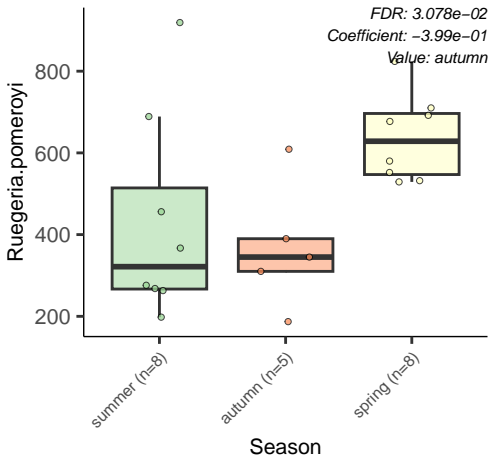
autumn (n=5)

spring (n=8)

Season

200

100



Leptolyngbya.sp..O.77

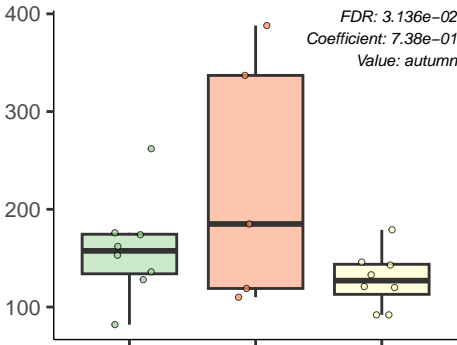
FDR: 3.136e-02
Coefficient: 7.38e-01
Value: autumn

summer (n=8)

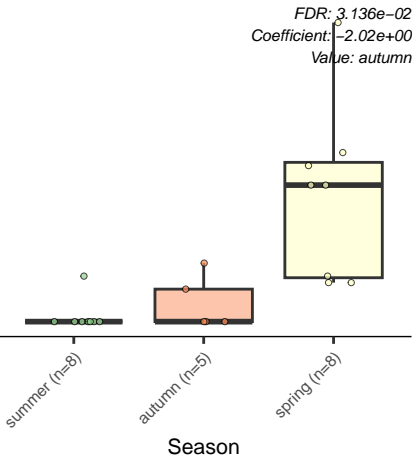
autumn (n=5)

spring (n=8)

Season



Dolichomastix.tenuilepis



Geobacter.sp..M18

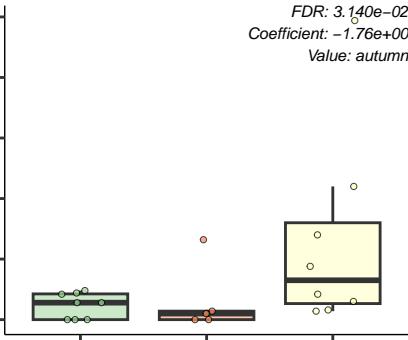
FDR: $3.140e-02$
Coefficient: $-1.76e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Microcystis.aeruginosa

FDR: 3.180e-02
Coefficient: 8.11e-01
Value: autumn

10000

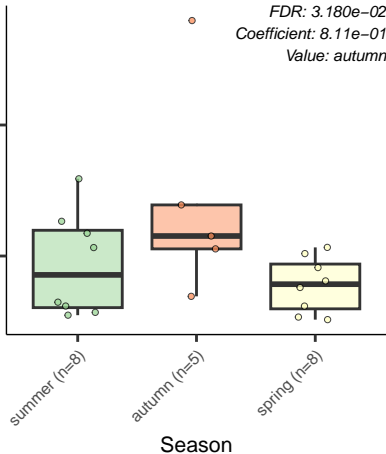
5000

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Nostoc.sp..NIES.4103

FDR: 3.263e-02
Coefficient: 2.14e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season

100

50

0

Micavibrio.aeruginosavorus

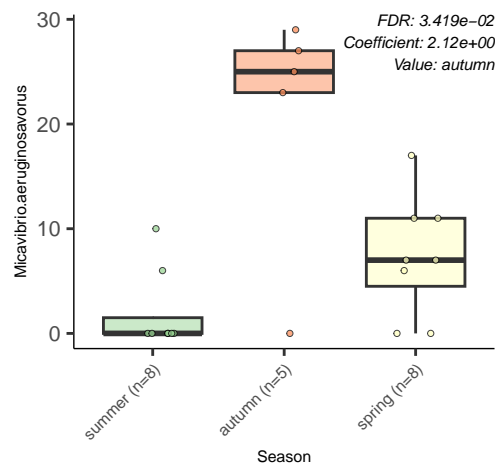
FDR: 3.419e-02
Coefficient: 2.12e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Endozoicomonas.montiporae

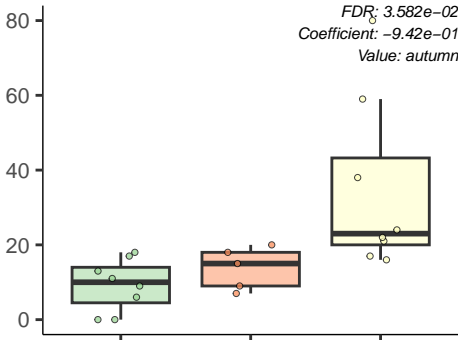
FDR: $3.582e-02$
Coefficient: $-9.42e-01$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Cyanobacterium.aponinum

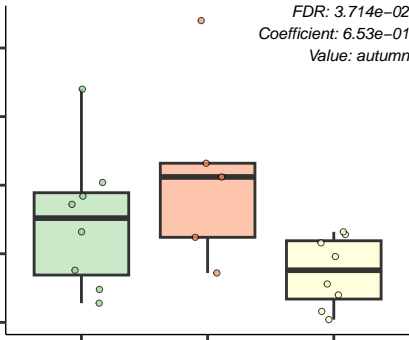
FDR: 3.714e-02
Coefficient: 6.53e-01
Value: autumn

summer (n=8)

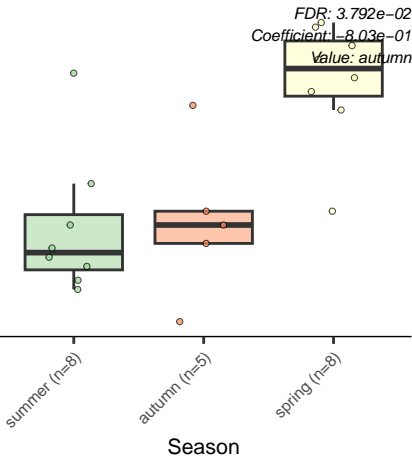
autumn (n=5)

spring (n=8)

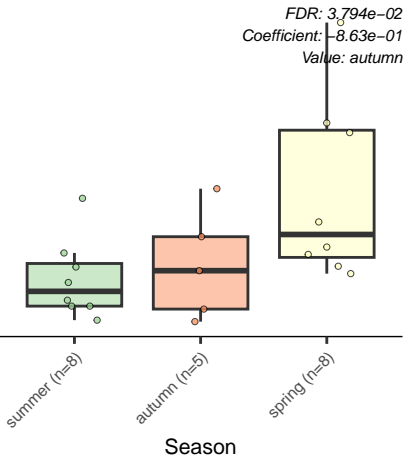
Season

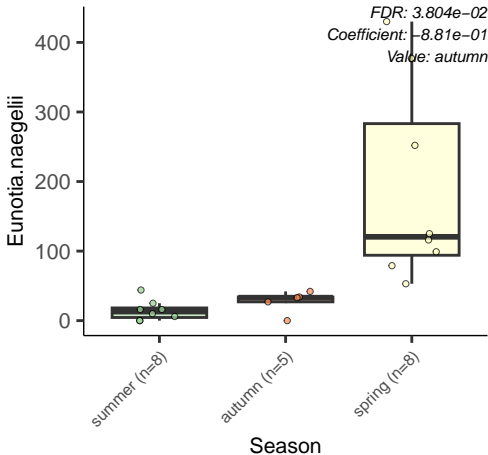


Martellella.mediterranea



Acidihalobacter.prosperus





Rhodovibrio.sp..R504

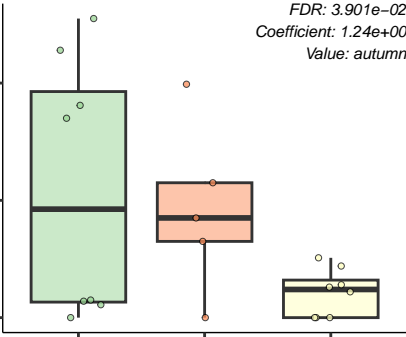
FDR: 3.901e-02
Coefficient: 1.24e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Fischerella.sp..NIES.3754

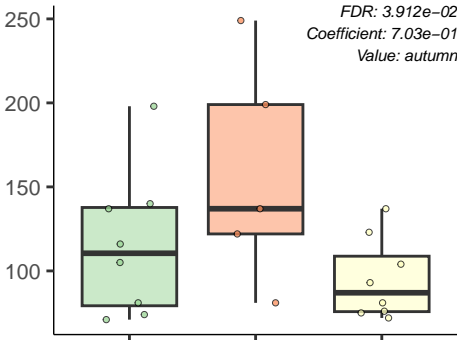
FDR: 3.912e-02
Coefficient: 7.03e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Cyanothece.sp..ATCC.51142

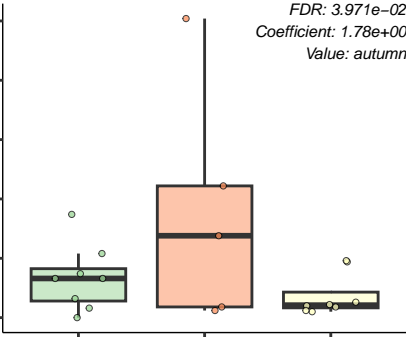
FDR: 3.971e-02
Coefficient: 1.78e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Bernardetia.litoralis

FDR: $4.022e-02$

Coefficient: $-1.64e+00$

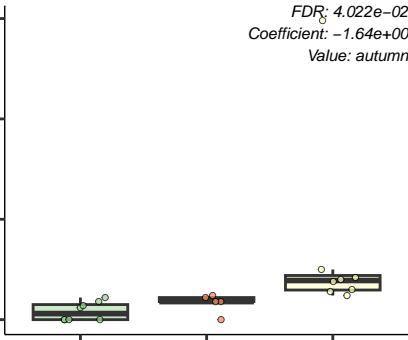
Value: autumn

summer (n=8)

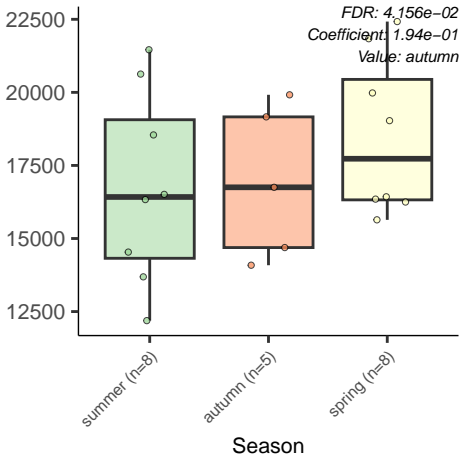
autumn (n=5)

spring (n=8)

Season



uncultured.bacterium



Bradyrhizobium.jicamiae

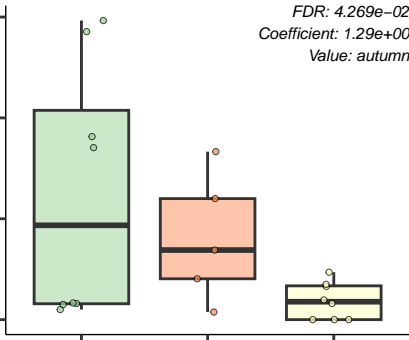
FDR: 4.269e-02
Coefficient: 1.29e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Sulfurifustis.variabilis

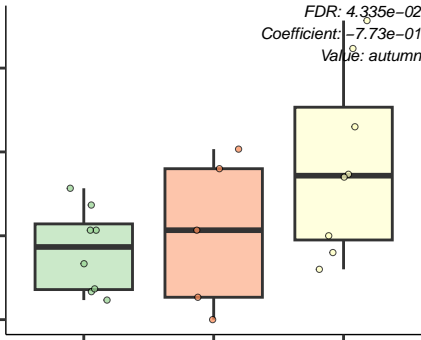
FDR: 4.335e-02
Coefficient: -7.73e-01
Value: autumn

summer (n=8)

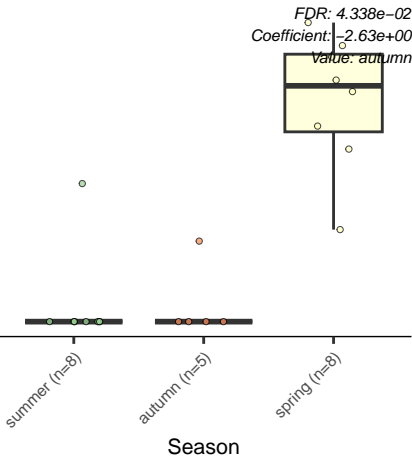
autumn (n=5)

spring (n=8)

Season



Roseobacter.sp..M1.12



Rhodopseudomonas.palustris

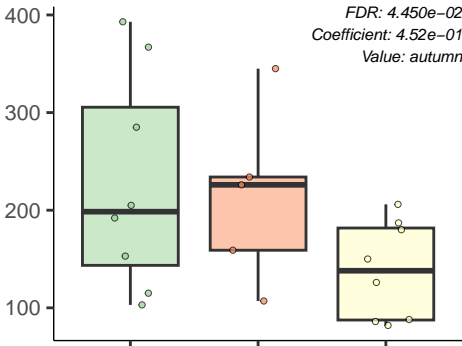
FDR: 4.450e-02
Coefficient: 4.52e-01
Value: autumn

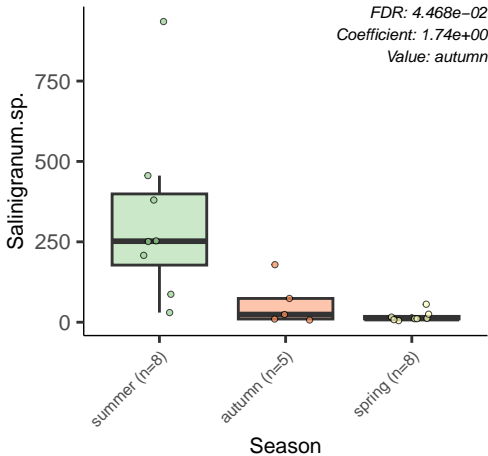
summer (n=8)

autumn (n=5)

spring (n=8)

Season





Pseudomonas.mendocina

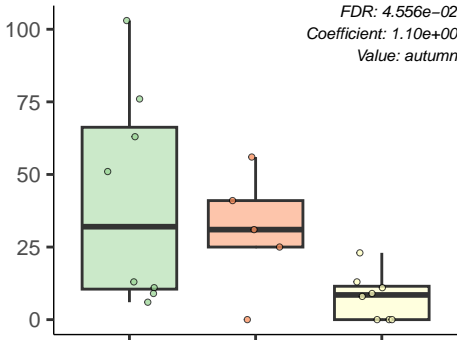
FDR: 4.556e-02
Coefficient: 1.10e+00
Value: autumn

summer (n=8)

autumn (n=5)

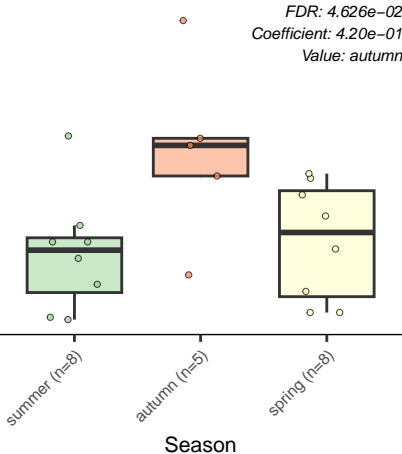
spring (n=8)

Season

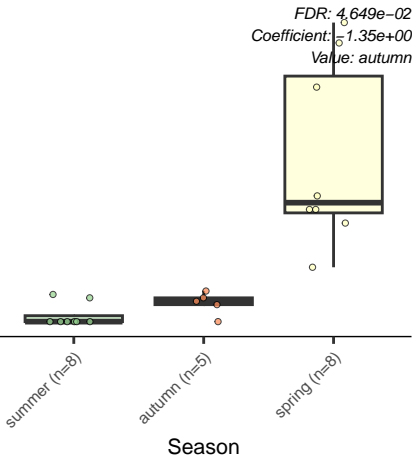


Blastochloris viridis

FDR: 4.626e-02
Coefficient: 4.20e-01
Value: autumn



Asterionella.formosa



Spirulina.major

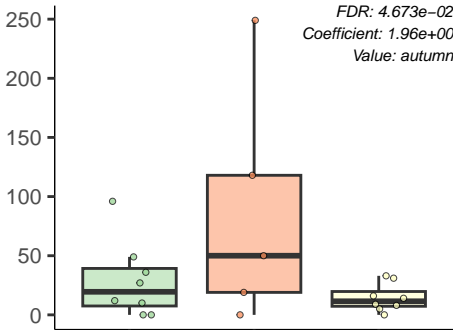
FDR: 4.673e-02
Coefficient: 1.96e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Parvularcula.bermudensis

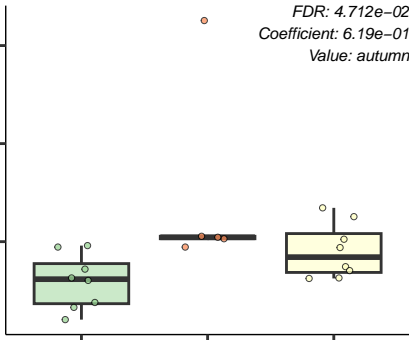
FDR: 4.712e-02
Coefficient: 6.19e-01
Value: autumn

summer (n=8)

autumn (n=5)

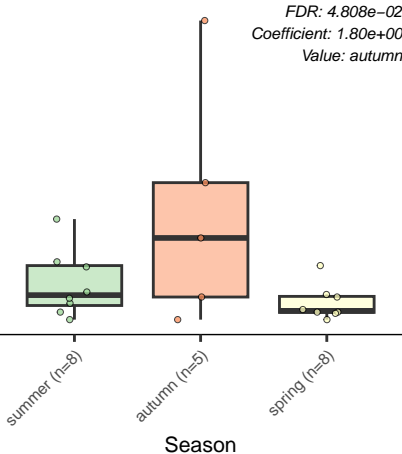
spring (n=8)

Season

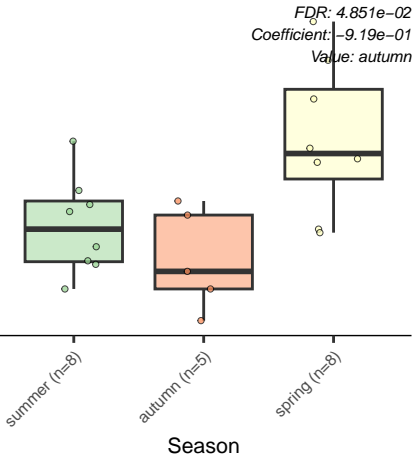


Stanieria.cyanosphaera

FDR: 4.808e-02
Coefficient: 1.80e+00
Value: autumn



planctomycete.str..140



Synechocystis.sp..PCC.6714

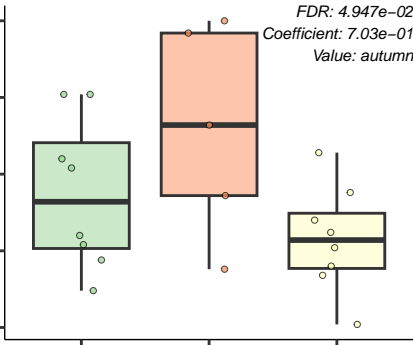
FDR: 4.947e-02
Coefficient: 7.03e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.stramenopile

