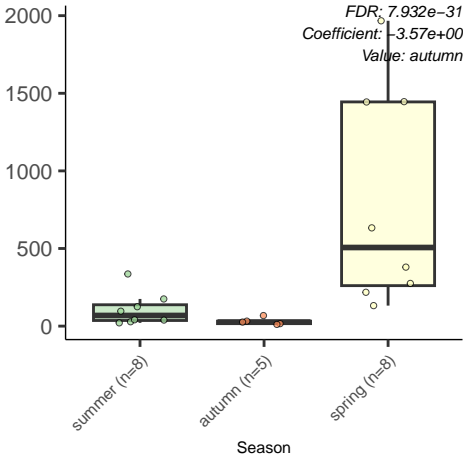
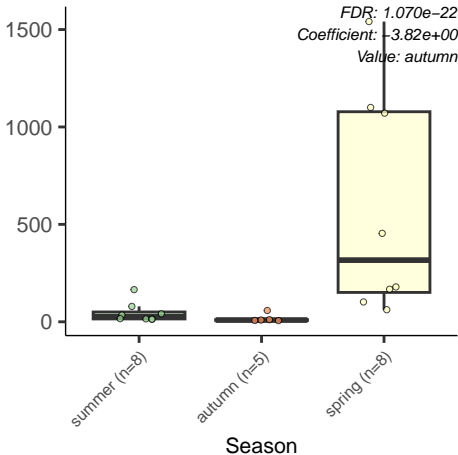


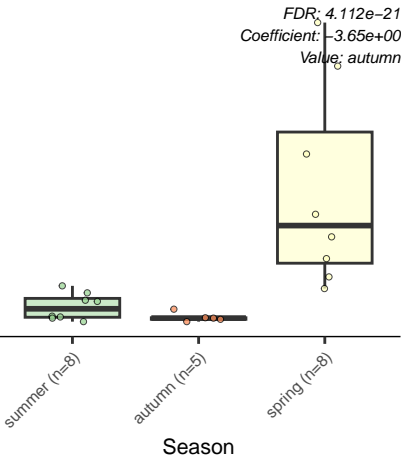
Winogradskyella.sp..RHA_55



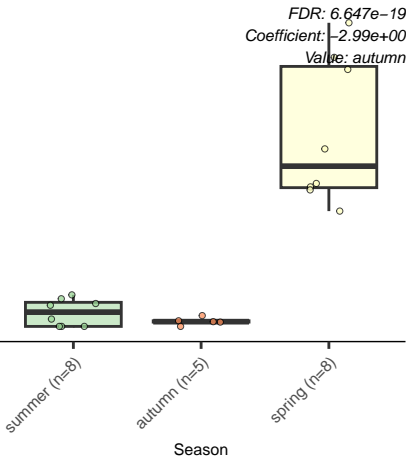
Winogradskyella.sp..PG.2



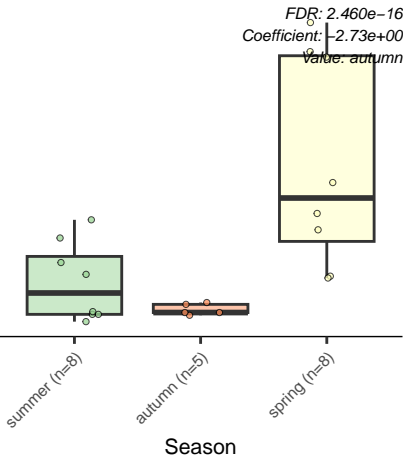
Formosa.sp..Hel1_31_208



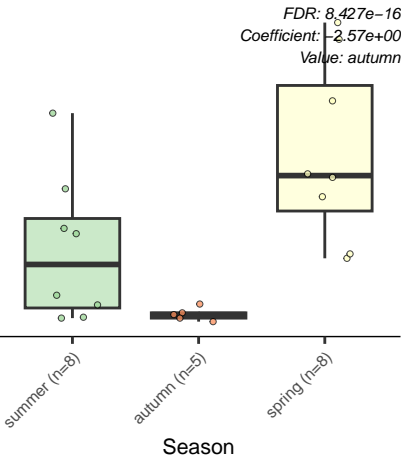
Kryptoperidinium.foliaceum



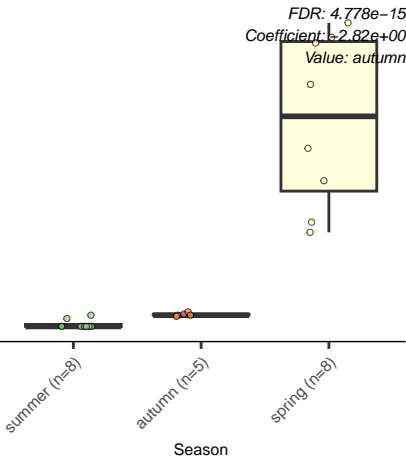
Winogradskyella.sp..PC.19



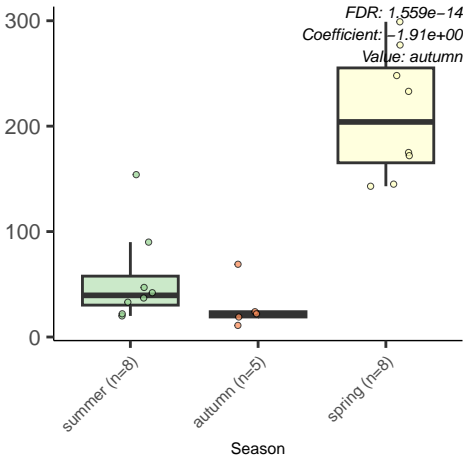
Winogradskyella.sp..J14.2



uncultured.marine.eukaryote



Halocynthiaiibacter.arcticus



Epibacterium.mobile

FDR: 1.714e-13

Coefficient: -1.66e+00

Value: autumn

1500

1000

500

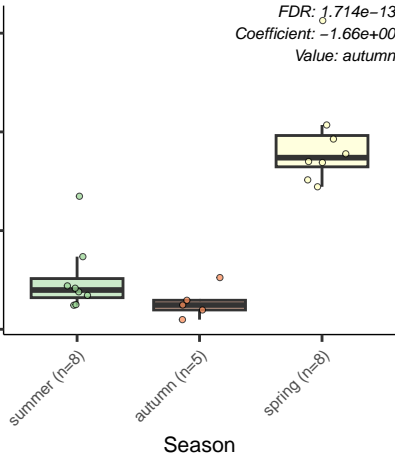
0

summer (n=8)

autumn (n=5)

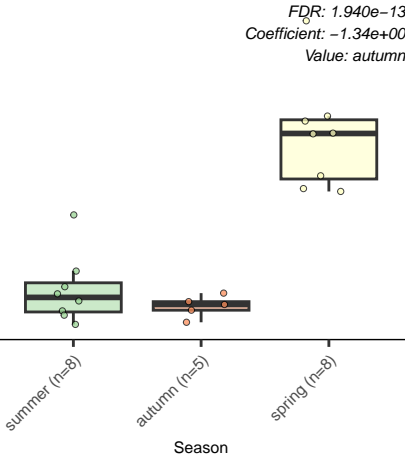
spring (n=8)

Season

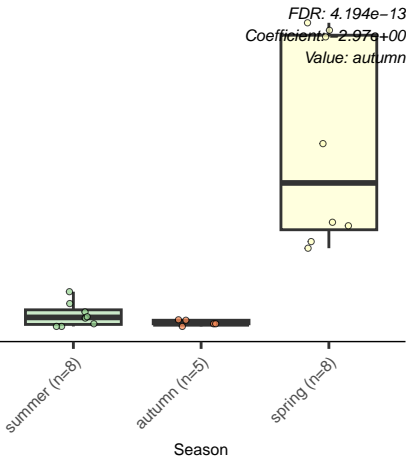


uncultured.marine.bacterium

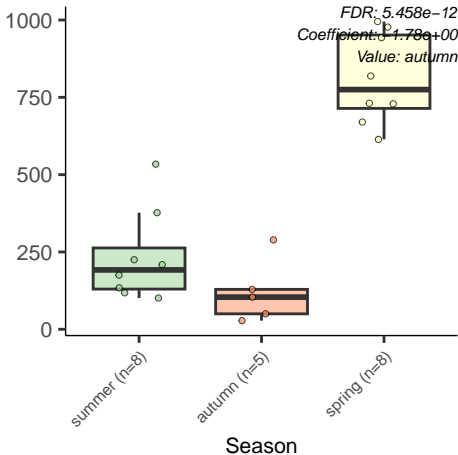
FDR: 1.940e-13
Coefficient: -1.34e+00
Value: autumn



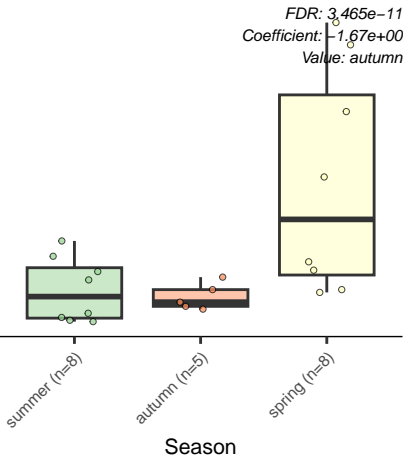
Pseudo.nitzschia.multiseriis



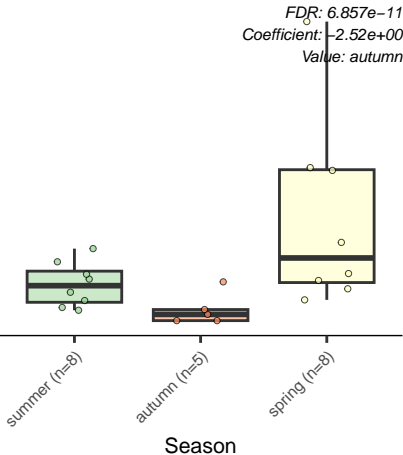
Roseobacter.denitrificans



Lutibacter.sp..LPB0138



Roseobacter.sp..KT1117



Rhodobacteraceae.bacterium

600
400
200
0

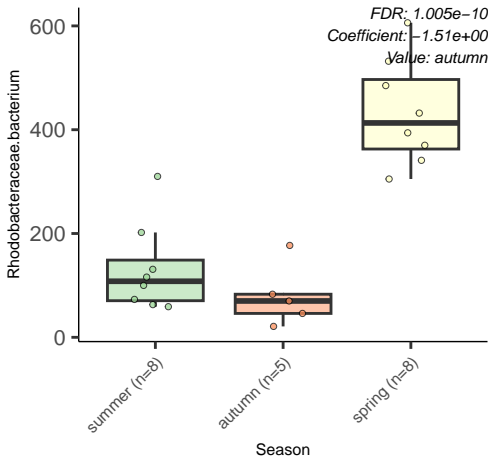
summer (n=8)

autumn (n=5)

spring (n=8)

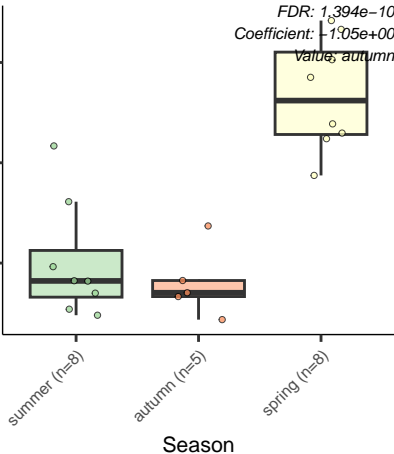
Season

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

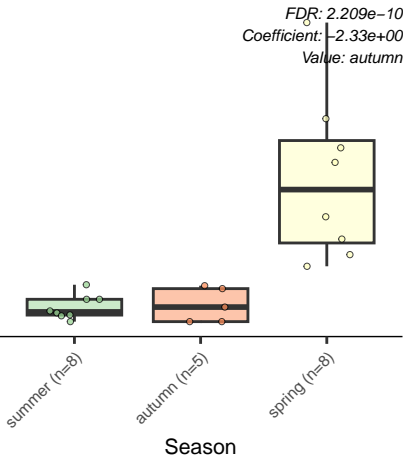


Sulfitobacter.sp..AM1.D1

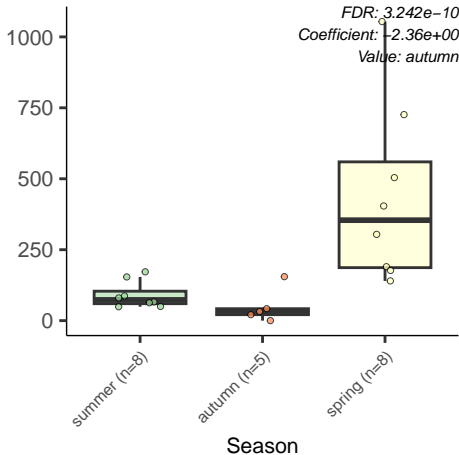
FDR: $1.394e-10$
Coefficient: $-1.05e+00$
Value: autumn



Emiliana.huxleyi



Planktomarina.temperata



Maribacter.sp..1_2014MBL_MicDiv

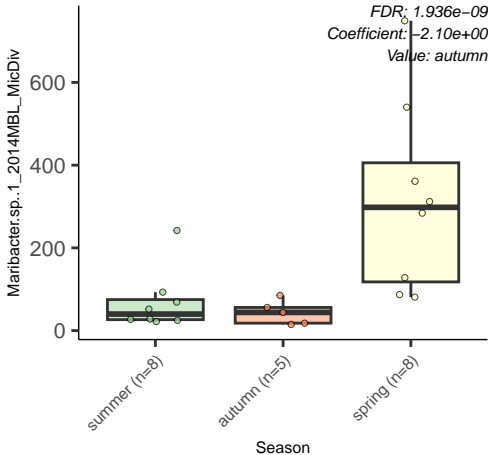
FDR: $1.936e-09$
Coefficient: $-2.10e+00$
Value: autumn

summer (n=8)

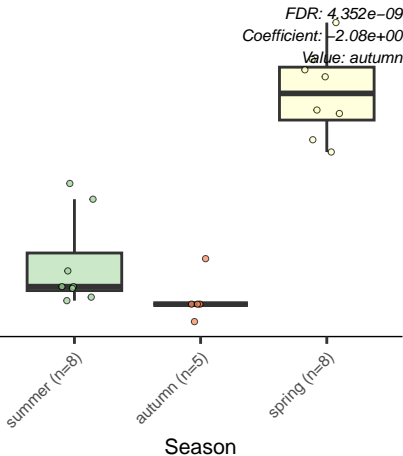
autumn (n=5)

spring (n=8)

Season



Octadecabacter.temperatus



Roseobacter.litoralis

2000
1500
1000
500
0

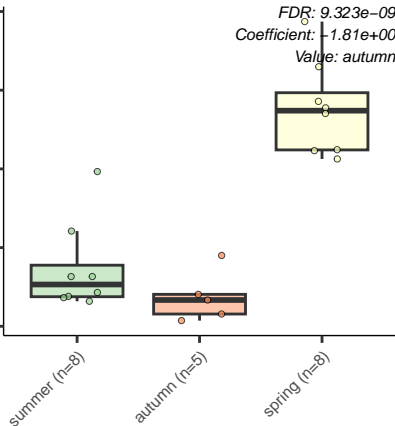
summer (n=8)

autumn (n=5)

spring (n=8)

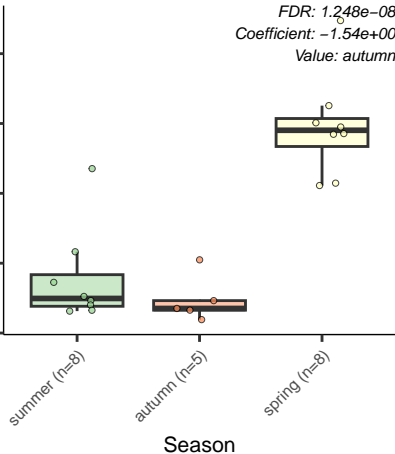
Season

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



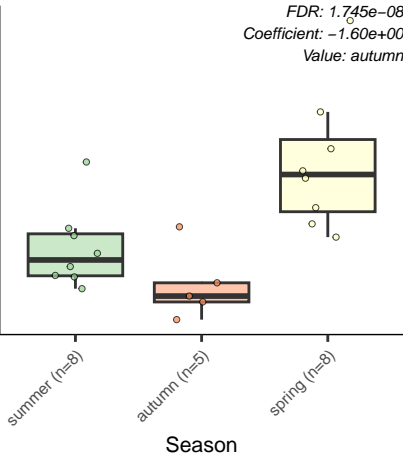
Tateyamaria.omphalii

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

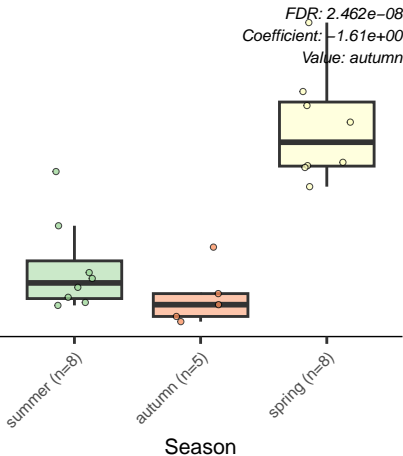


Octadecabacter.arcticus

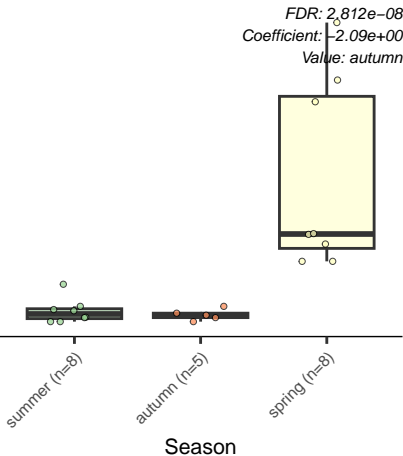
FDR: 1.745e-08
Coefficient: -1.60e+00
Value: autumn



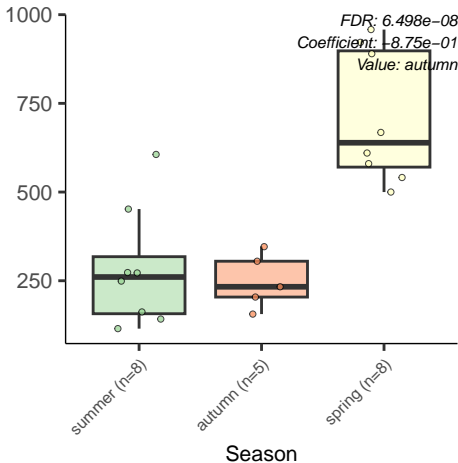
Phaeobacter.piscinae



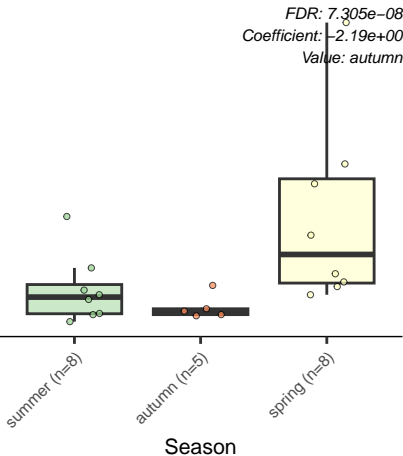
Durinskia.baltica



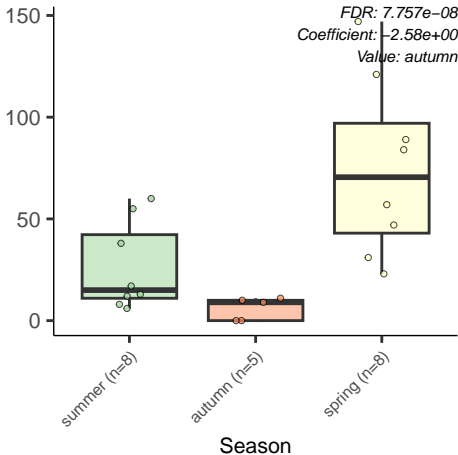
Thioclava.nitrateducens



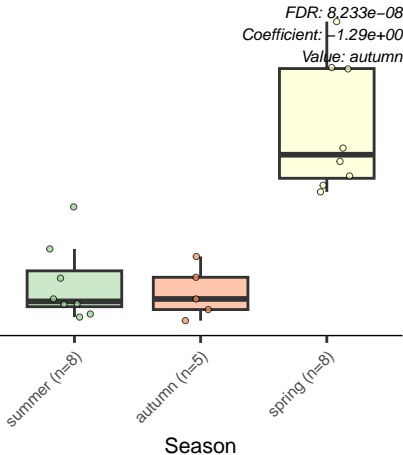
Nonlabens.spongiae



Lacinutrix.sp..5H.3.7.4



Ruegeria.sp..PR1b



Marinovum.algicola

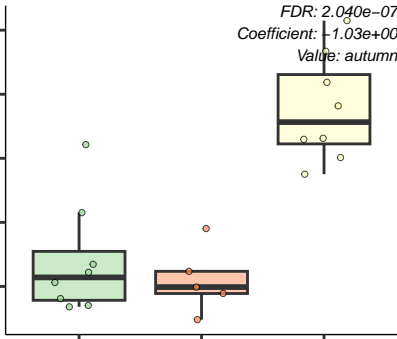
FDR: 2.040×10^{-7}
Coefficient: -1.03×10^0
Value: autumn

summer (n=8)

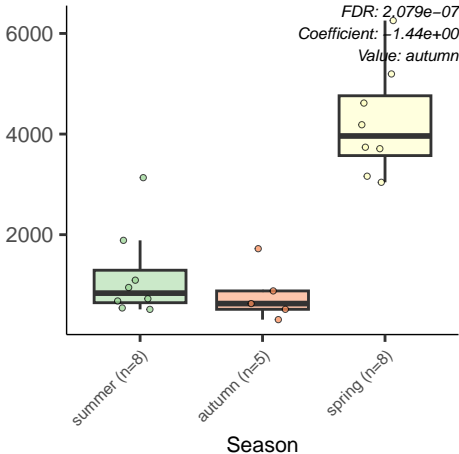
autumn (n=5)

spring (n=8)

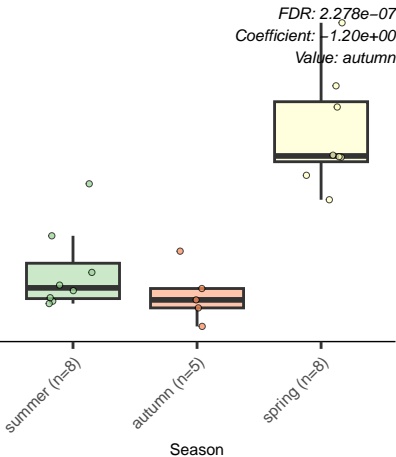
Season



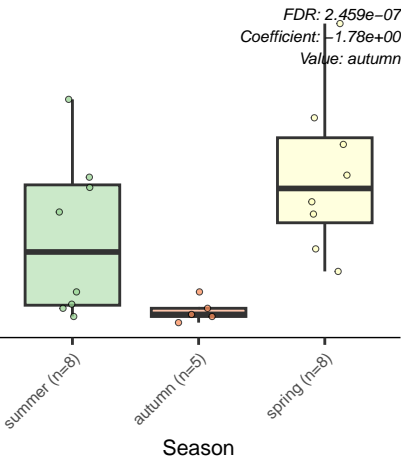
Phaeobacter.inhibens



Confluentimicrobium.sp..EMB200.NS6



Cellulophaga.lytica



Erythrobacter.sp..HL.111

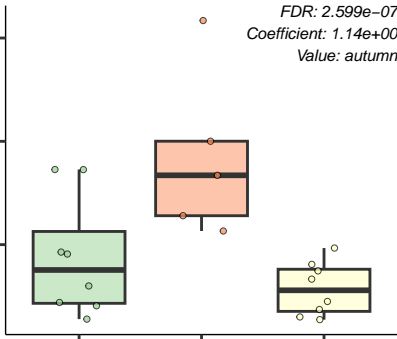
FDR: 2.599e-07
Coefficient: 1.14e+00
Value: autumn

summer (n=8)

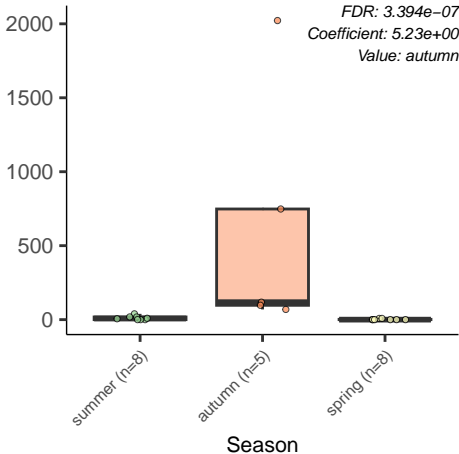
autumn (n=5)

spring (n=8)

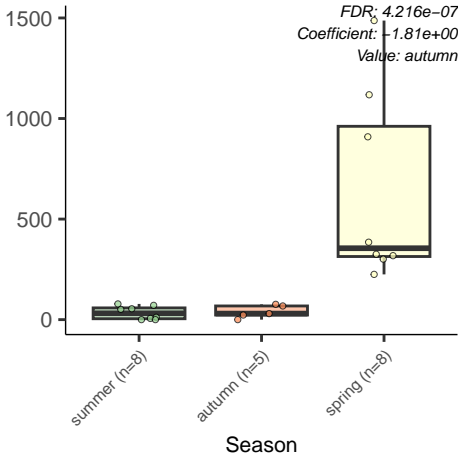
Season



Idiomarina.piscisalsi



Cylindrotheca.closterium



Roseovarius.mucosus

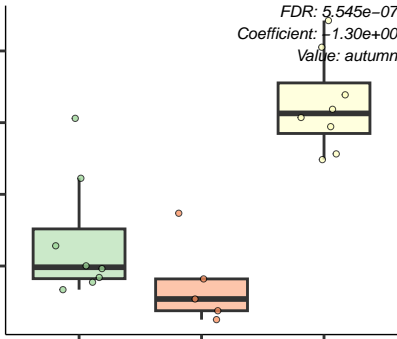
FDR: $5.545e-07$
Coefficient: $-1.30e+00$
Value: autumn

summer (n=8)

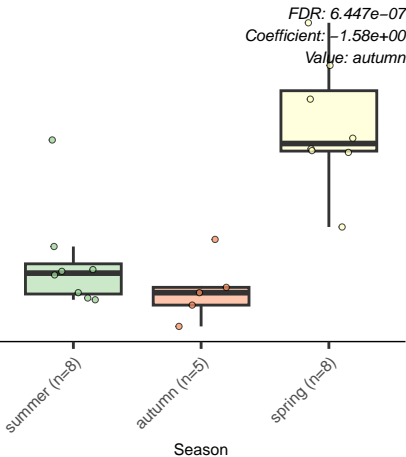
autumn (n=5)

spring (n=8)

Season

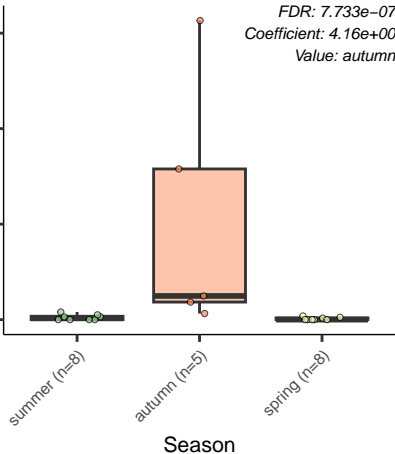


uncultured.alpha.proteobacterium.EB080_L84F03

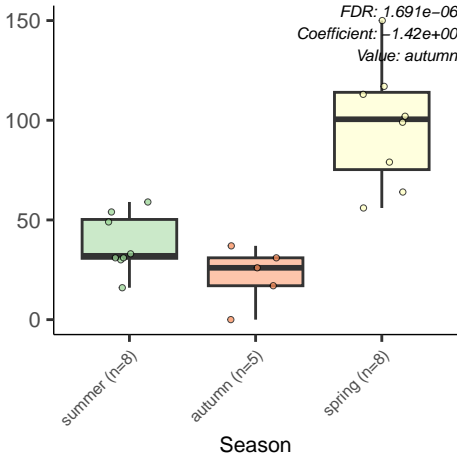


Idiomarina.sp..X4

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



Celeribacter.marinus



Dinoroseobacter.shibae

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

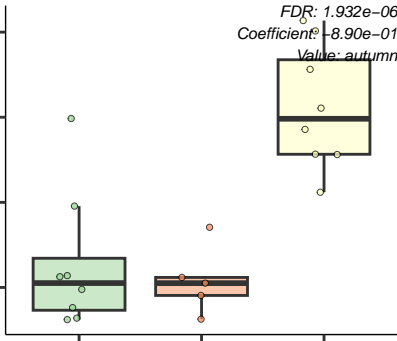
4000
3000
2000
1000

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Jannaschia.sp..CCS1

600
400
200

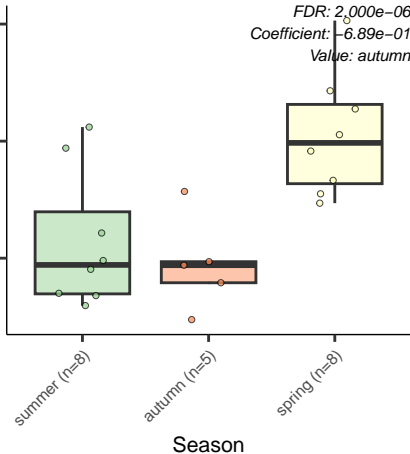
summer (n=8)

autumn (n=5)

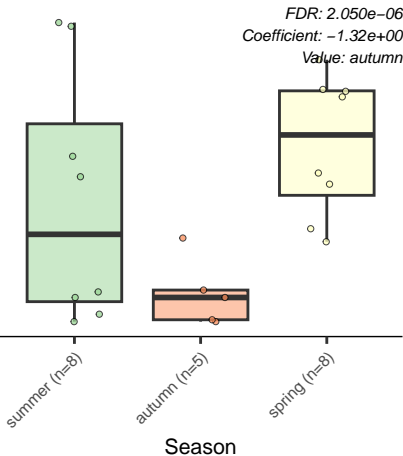
spring (n=8)

Season

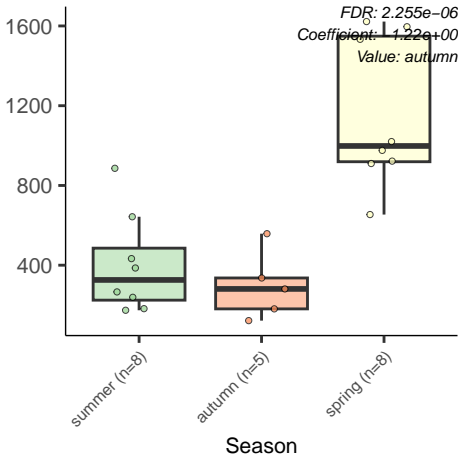
FDR: 2.000e-06
Coefficient: -6.89e-01
Value: autumn

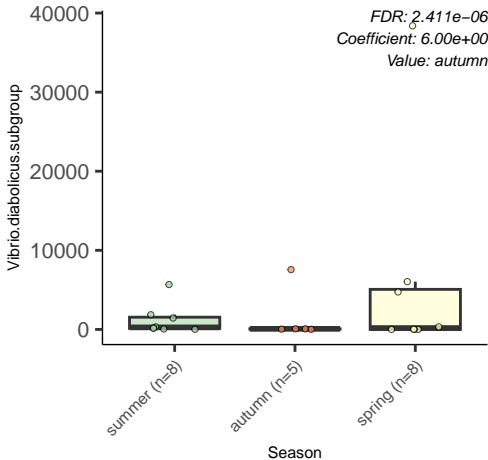


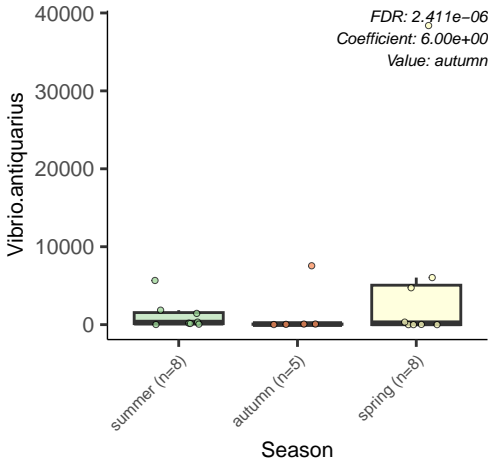
Arenibacter.algicola



Phaeobacter.porticola

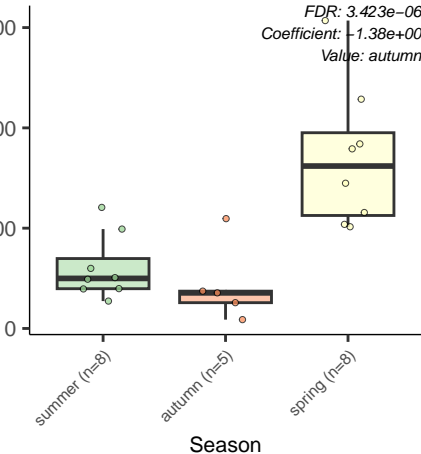






Yoonia.vestfoldensis

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

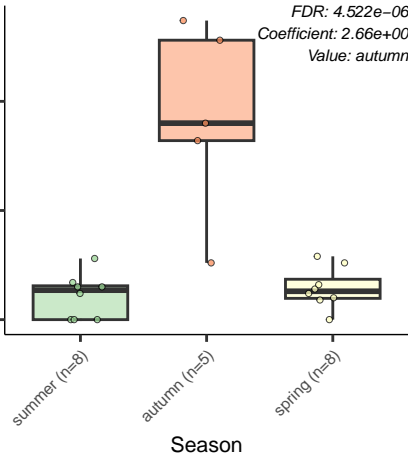
0

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Vibrio.harveyi.group

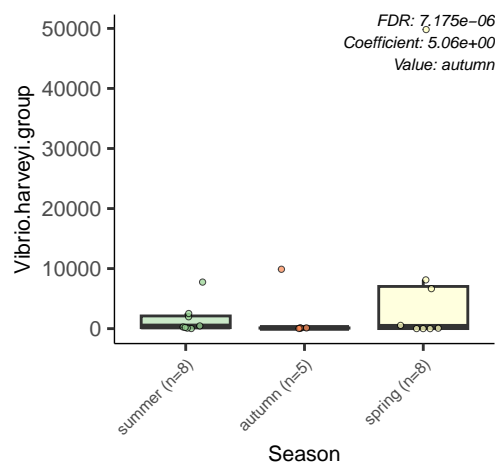
FDR: $7.175e-06$
Coefficient: $5.06e+00$
Value: autumn

summer (n=8)

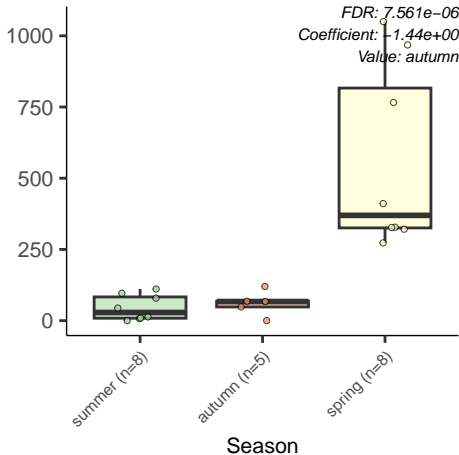
autumn (n=5)

spring (n=8)

Season



Phaeodactylum.tricornutum



Sulfitobacter.pseudonitzschiae

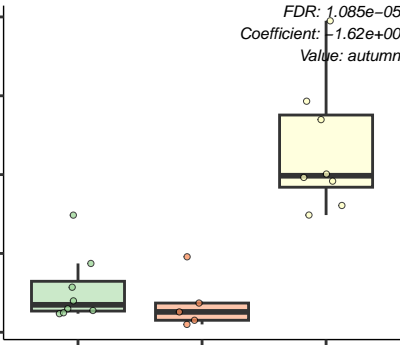
FDR: $1.085e-05$
Coefficient: $-1.62e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Idiomarina.loihiensis

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

1500

1000

500

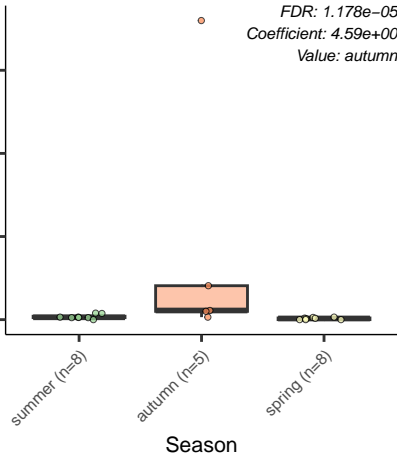
0

summer (n=8)

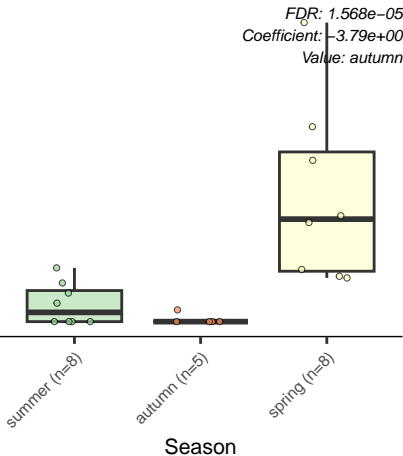
autumn (n=5)

spring (n=8)

Season



Polaribacter.sp..MED152



Candidatus.Fluviicola.riflensis

300
200
100
0

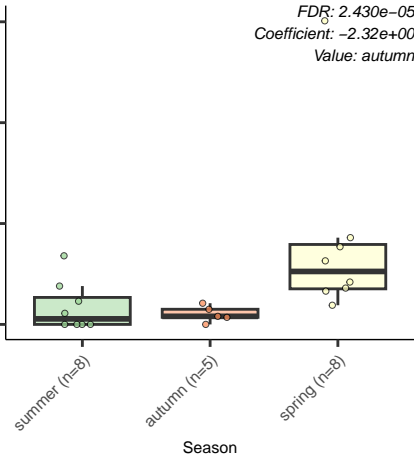
FDR: 2.430e-05
Coefficient: -2.32e+00
Value: autumn

summer (n=8)

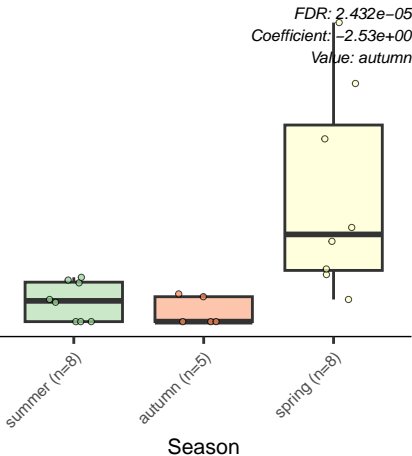
autumn (n=5)

spring (n=8)

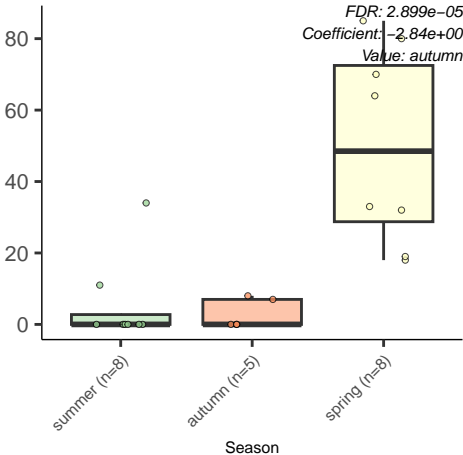
Season



Olleya.sp..Bg11.27

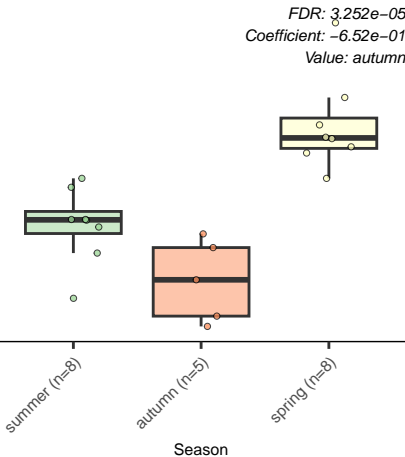


Polaribacter.reichenbachii



uncultured.gamma.proteobacterium

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



Antarctobacter.heliothermus

800
600
400
200

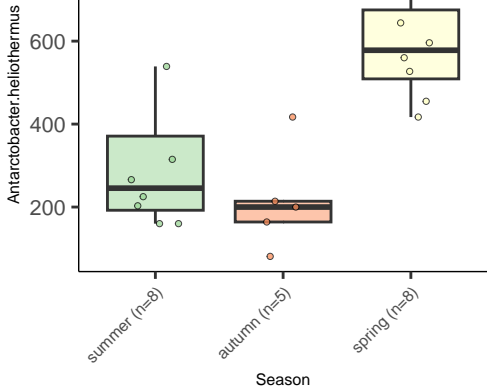
FDR: 3.252e-05
Coefficient: -8.79e-01
Value: autumn

summer (n=8)

autumn (n=5)

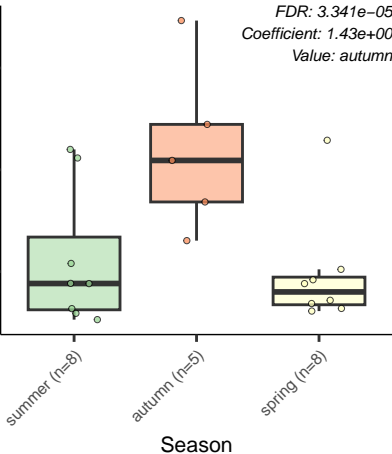
spring (n=8)

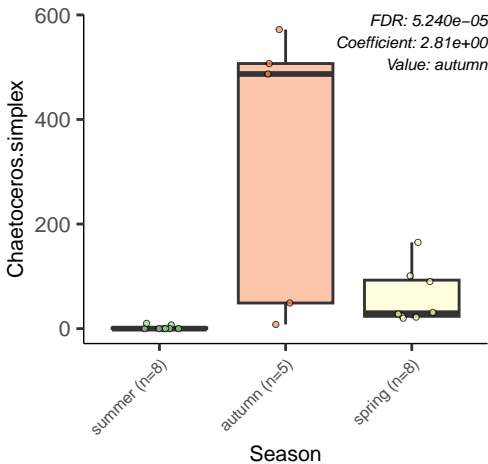
Season



Nannochloropsis.gaditana

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





Celeribacter.indicus

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

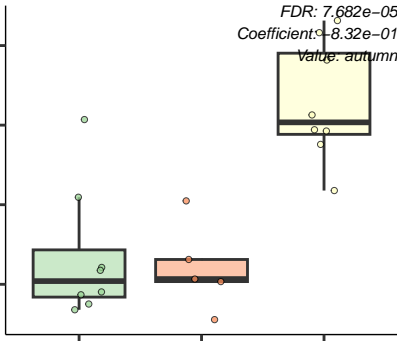
2000
1500
1000
500

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Ruegeria.sp.:TM1040

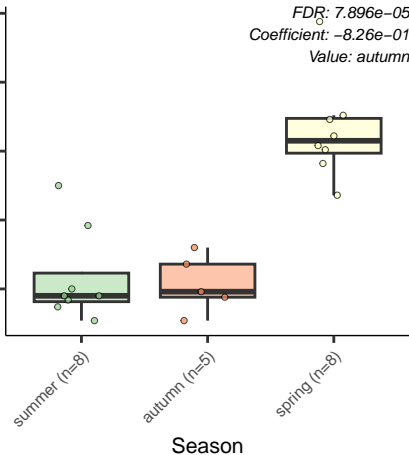
FDR: 7.896e-05
Coefficient: -8.26e-01
Value: autumn

summer (n=8)

autumn (n=5)

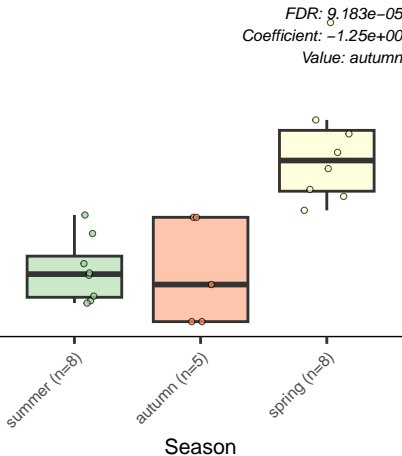
spring (n=8)

Season

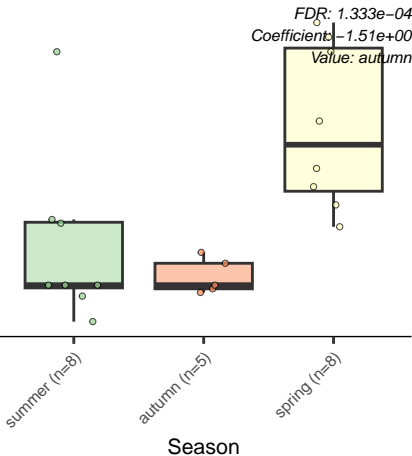


Sedimenticola.thiotaaurini

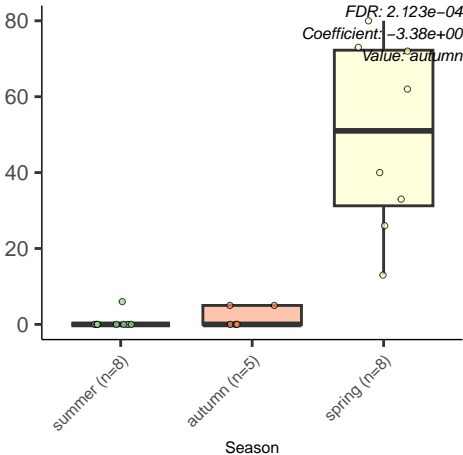
FDR: $9.183e-05$
Coefficient: $-1.25e+00$
Value: autumn



Nonlabens.dokdonensis



Glaciecola.nitrateducens



Cyclobacterium.marinum

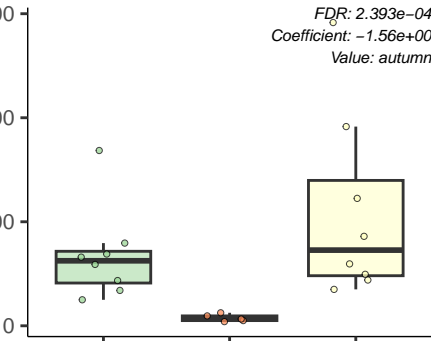
FDR: 2.393e-04
Coefficient: -1.56e+00
Value: autumn

summer (n=8)

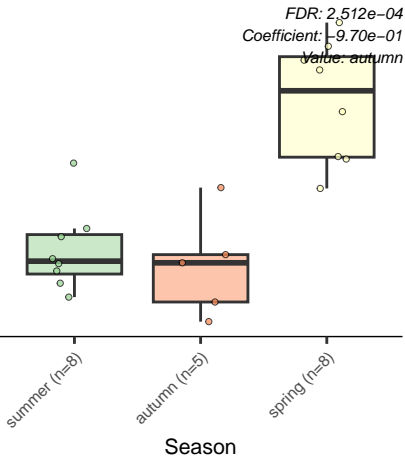
autumn (n=5)

spring (n=8)

Season



Rhodopirellula.baltica



Zobellia.galactanivorans

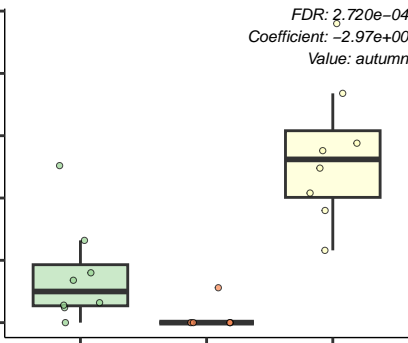
FDR: $2.720e-04$
Coefficient: $-2.97e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Polymorphum.gilvum

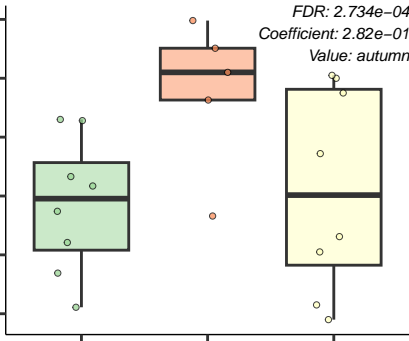
FDR: 2.734e-04
Coefficient: 2.82e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Salegentibacter.sp..T436

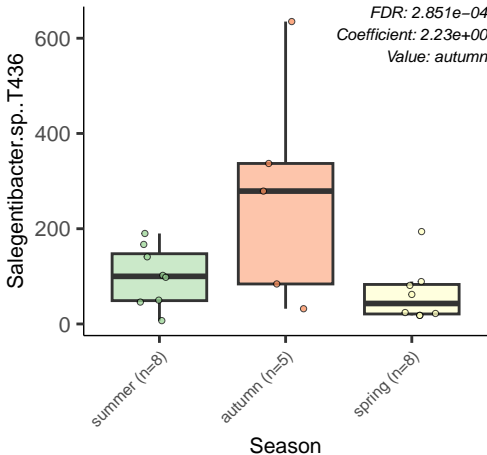
FDR: 2.851e-04
Coefficient: 2.23e+00
Value: autumn

summer (n=8)

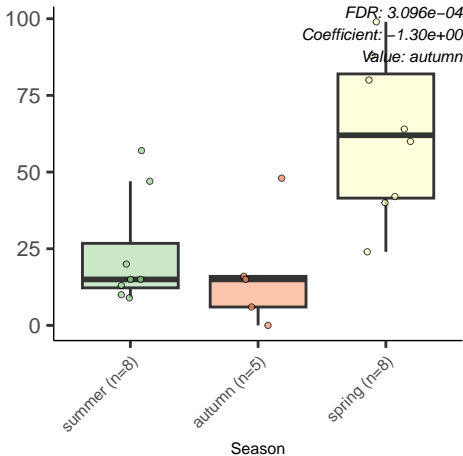
autumn (n=5)

spring (n=8)

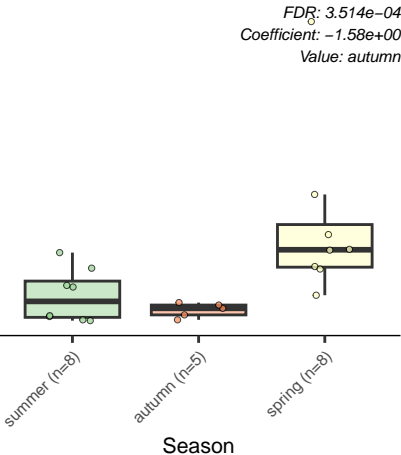
Season



Octadecabacter.antarcticus

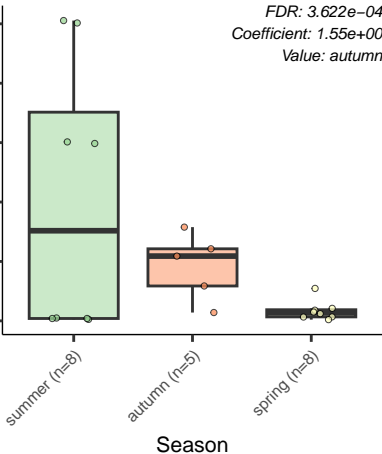


Haliangium.ochraceum



Halothece.sp..PCC.7418

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



Gluconacetobacter.diazotrophicus

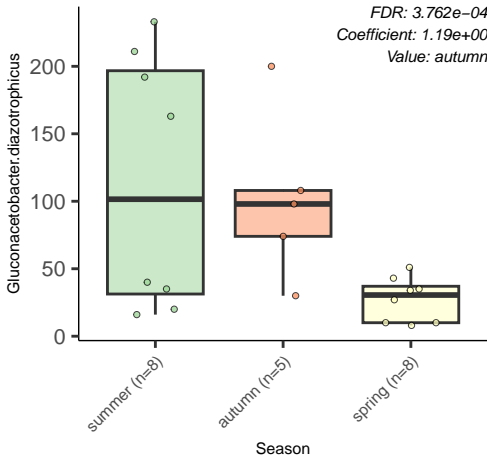
FDR: 3.762e-04
Coefficient: 1.19e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Sandaracinus.amylolyticus

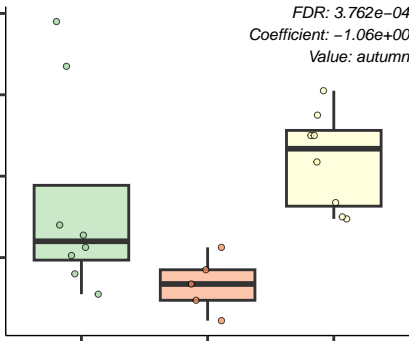
FDR: $3.762e-04$
Coefficient: $-1.06e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Azospirillum.brasilense

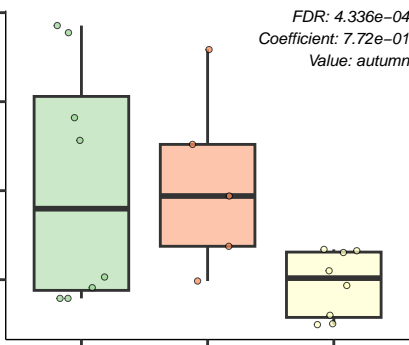
FDR: 4.336e-04
Coefficient: 7.72e-01
Value: autumn

summer (n=8)

autumn (n=5)

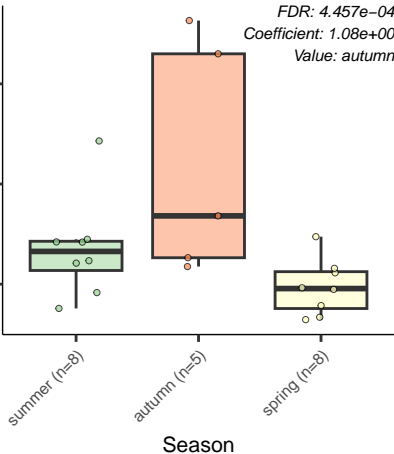
spring (n=8)

Season

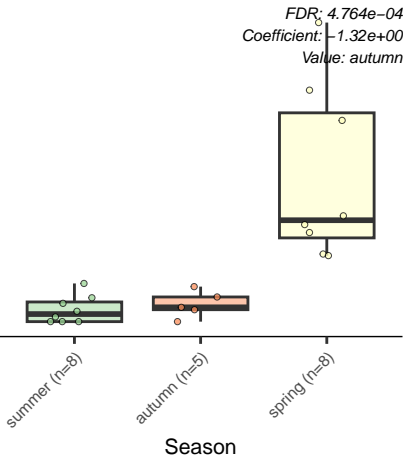


Oscillatoria.acuminata

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



Fistulifera.solaris



Siansivirga.zeaxanthinifaciens

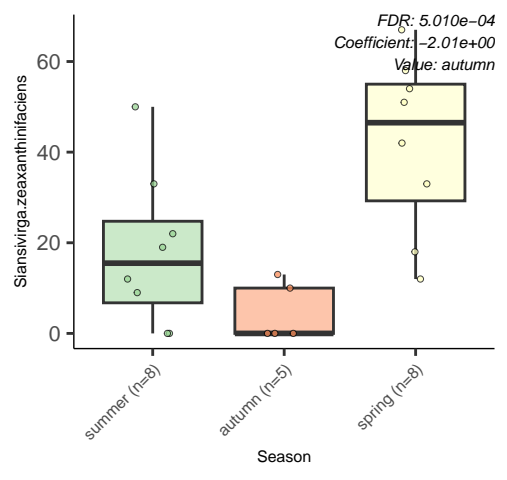
FDR: 5.010e-04
Coefficient: -2.01e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Methylorubrum.populi

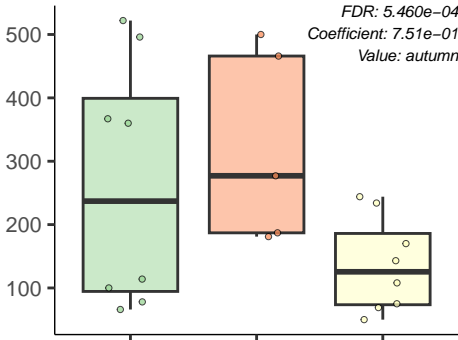
FDR: 5.460e-04
Coefficient: 7.51e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Maricaulis.maris

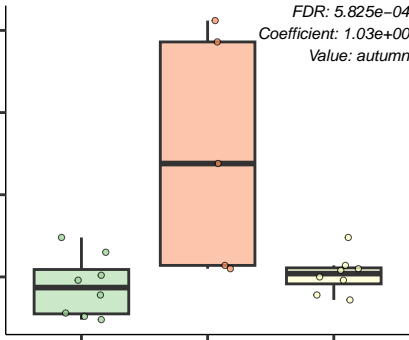
FDR: 5.825e-04
Coefficient: 1.03e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Azospirillum.thiophilum

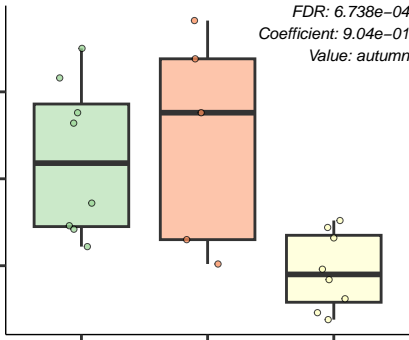
FDR: 6.738e-04
Coefficient: 9.04e-01
Value: autumn

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

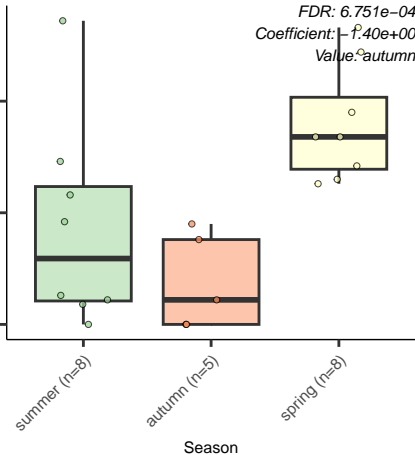
0

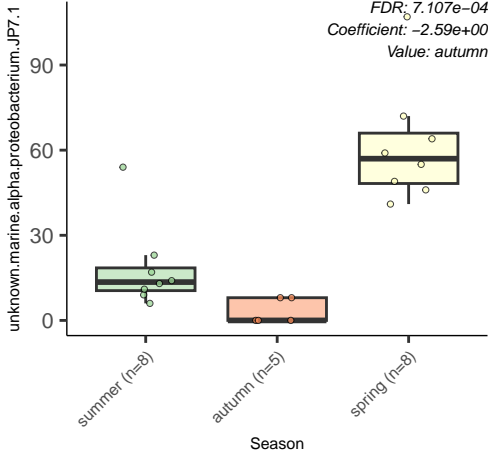
summer (n=8)

autumn (n=5)

spring (n=8)

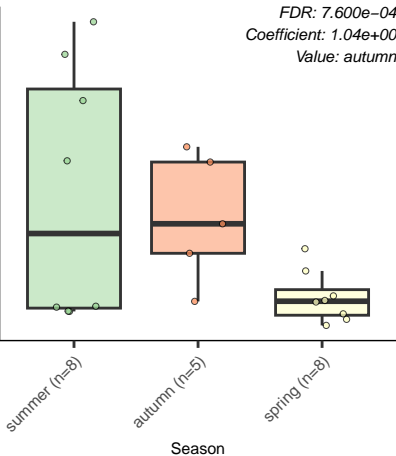
Season



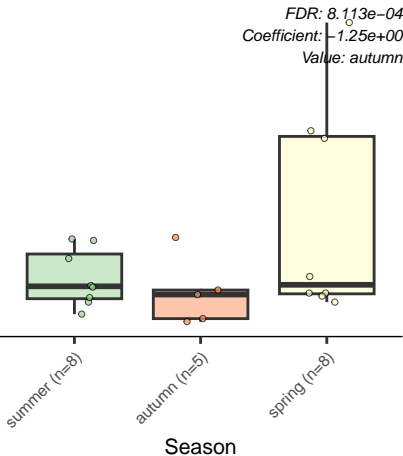


uncultured.alpha.proteobacterium.EF100_102A06

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



Thioalkalivibrio.versutus



Nitrospirillum.amazonense

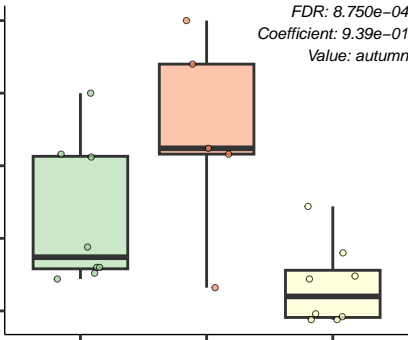
FDR: 8.750e-04
Coefficient: 9.39e-01
Value: autumn

summer (n=8)

autumn (n=5)

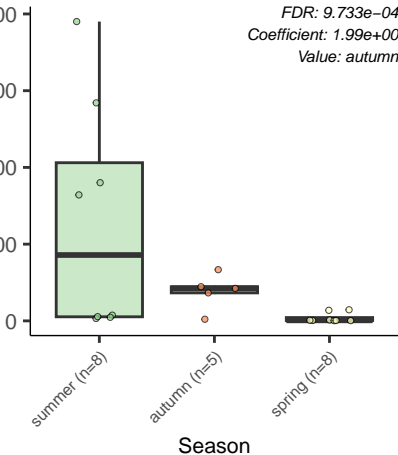
spring (n=8)

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

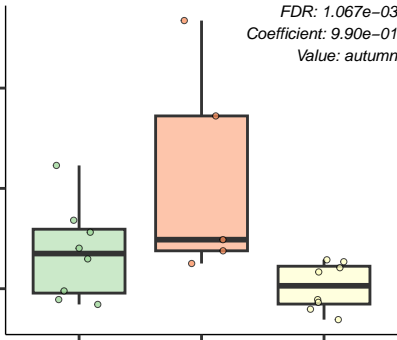
7500
5000
2500

summer (n=8)

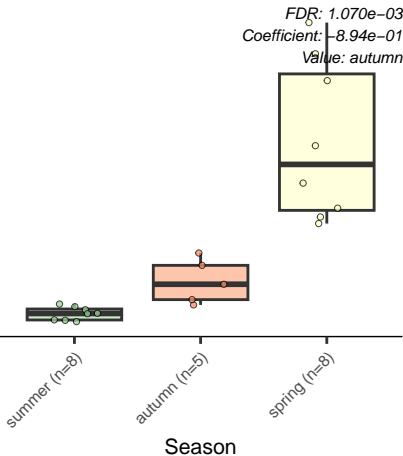
autumn (n=5)

spring (n=8)

Season

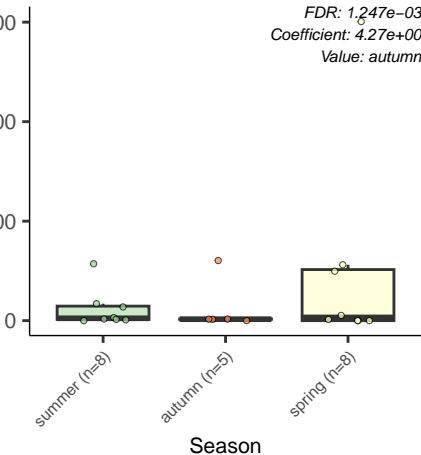


uncultured.eukaryote

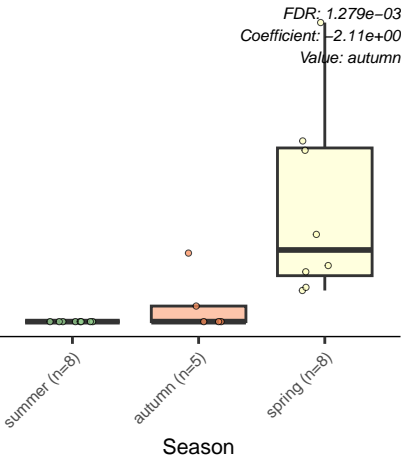


Vibrio.alginolyticus

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



Formosa.agariphila



Pelagibaca.abyssi

1500
1000
500

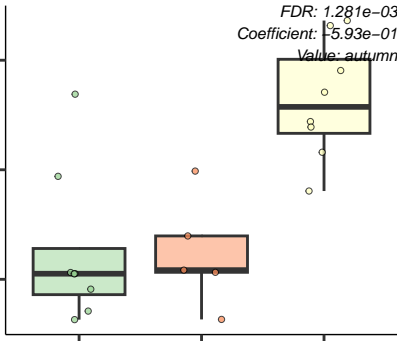
summer (n=8)

autumn (n=5)

spring (n=8)

Season

FDR: 1.281×10^{-3}
Coefficient: -5.93×10^{-1}
Value: autumn



Vibrio.parahaemolyticus

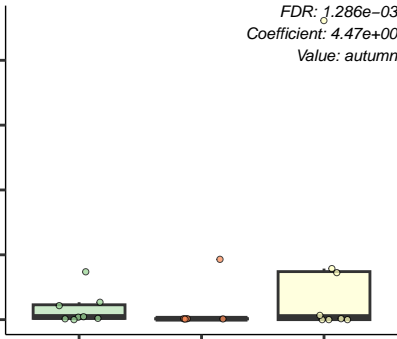
FDR: 1.286×10^{-3}
Coefficient: 4.47×10^0
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Asterionellopsis.glacialis

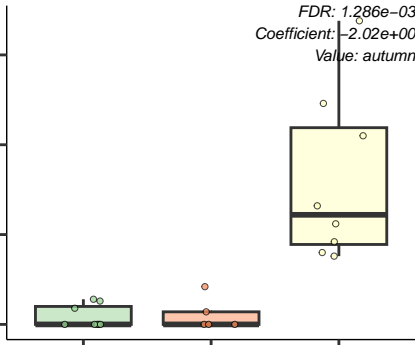
FDR: $1.286e-03$
Coefficient: $-2.02e+00$
Value: autumn

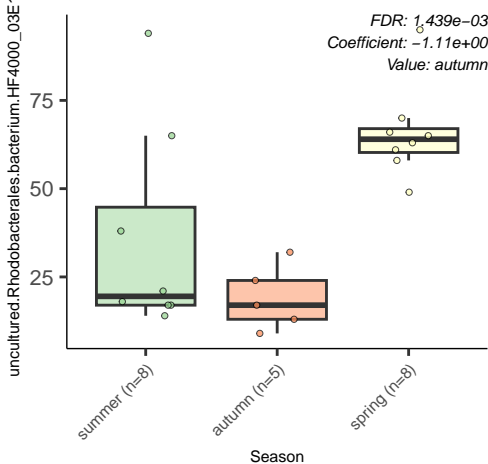
summer (n=8)

autumn (n=5)

spring (n=8)

Season





Methylorubrum.extorquens

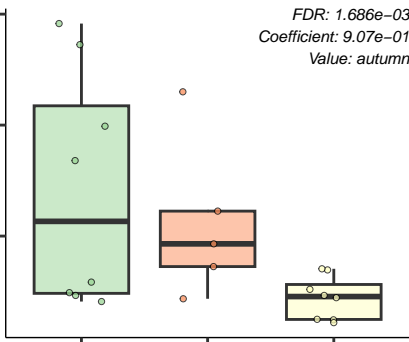
FDR: 1.686e-03
Coefficient: 9.07e-01
Value: autumn

summer (n=8)

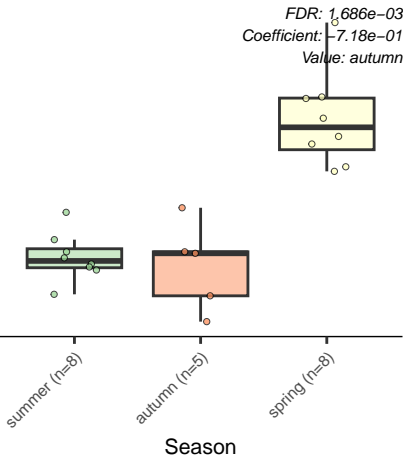
autumn (n=5)

spring (n=8)

Season



uncultured.planctomycete



Salinispira.pacifica

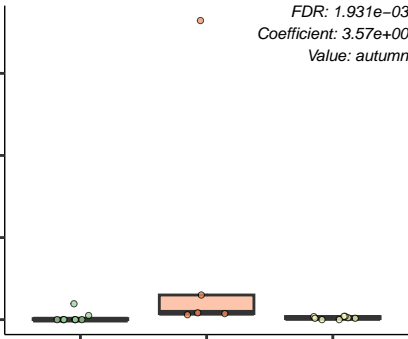
FDR: 1.931e-03
Coefficient: 3.57e+00
Value: autumn

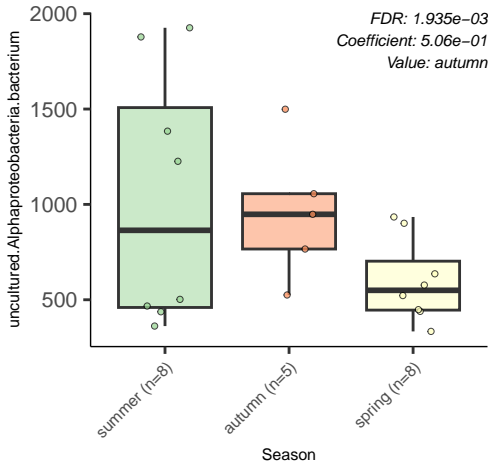
summer (n=8)

autumn (n=5)

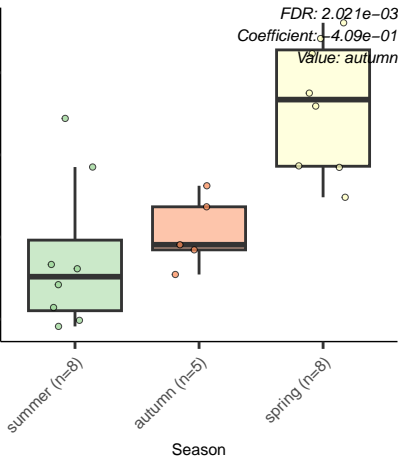
spring (n=8)

Season





Celeribacter.manganoxidans



Syntrophobacter.fumaroxidans

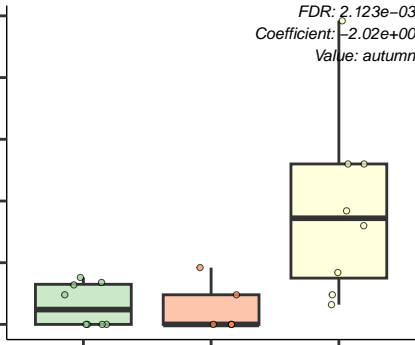
FDR: 2.123e-03
Coefficient: -2.02e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Phaeobacter.gallaeciensis

3000
2000
1000
0

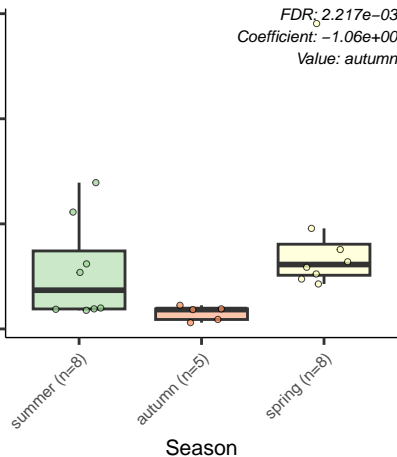
FDR: $2.217e-03$
Coefficient: $-1.06e+00$
Value: autumn

summer (n=8)

autumn (n=5)

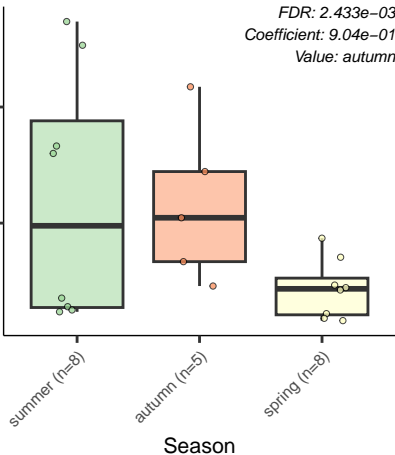
spring (n=8)

Season



Tistrella mobilis

FDR: $2.433\text{e-}03$
Coefficient: $9.04\text{e-}01$
Value: autumn



Sphingobacterium.sp..21

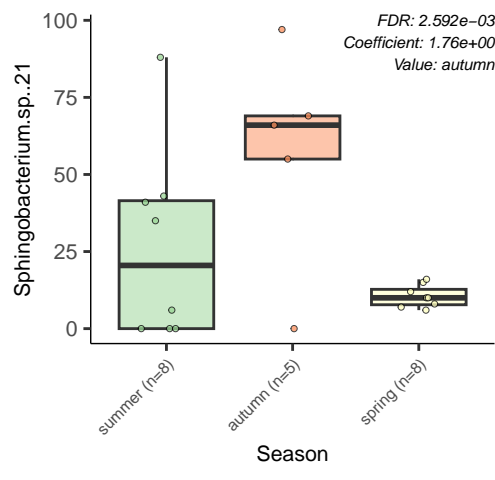
FDR: 2.592e-03
Coefficient: 1.76e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Porphyrrobacter.neustonensis

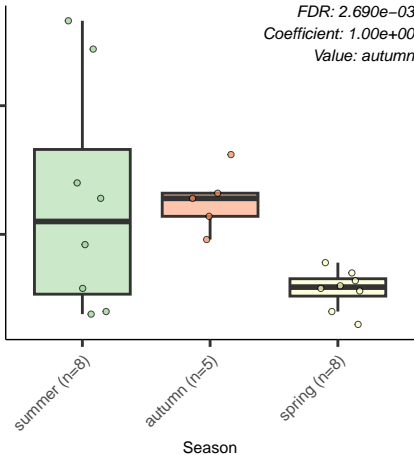
FDR: 2.690e-03
Coefficient: 1.00e+00
Value: autumn

summer (n=8)

autumn (n=5)

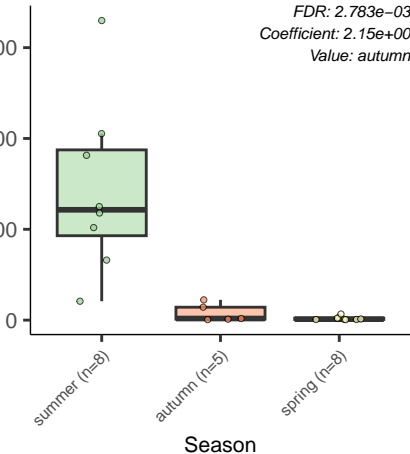
spring (n=8)

Season



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

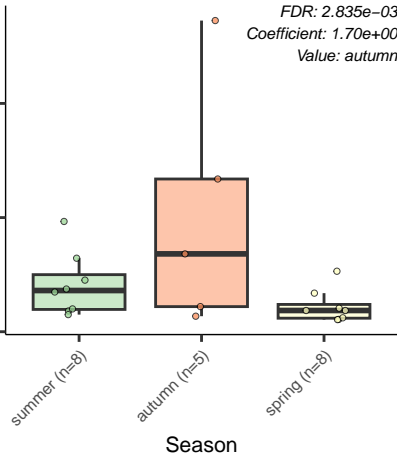
0

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Emticia.oligotrophica

FDR: 2.992e-03

Coefficient: 1.77e+00

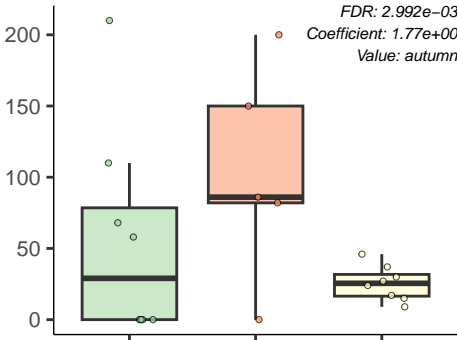
Value: autumn

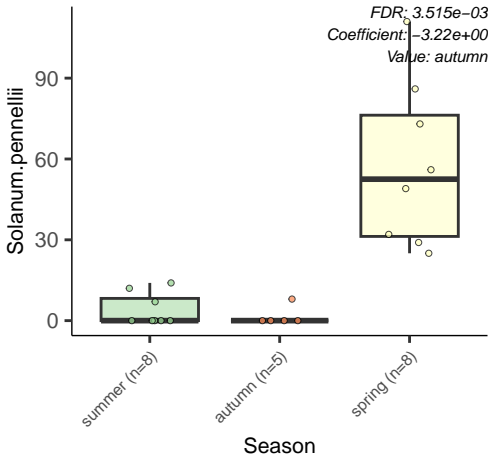
summer (n=8)

autumn (n=5)

spring (n=8)

Season





Amphora.coffeiformis

60
40
20
0

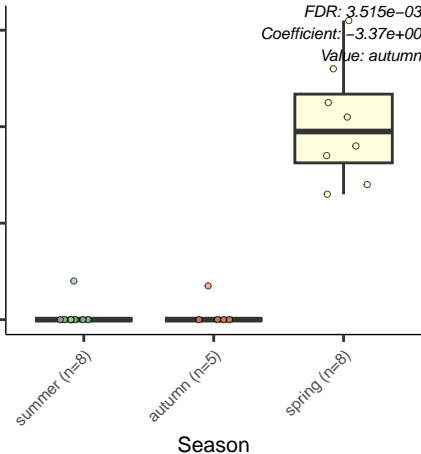
summer (n=8)

autumn (n=5)

spring (n=8)

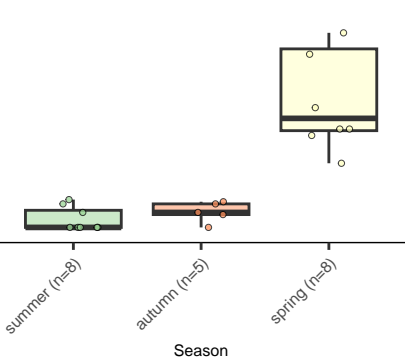
Season

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

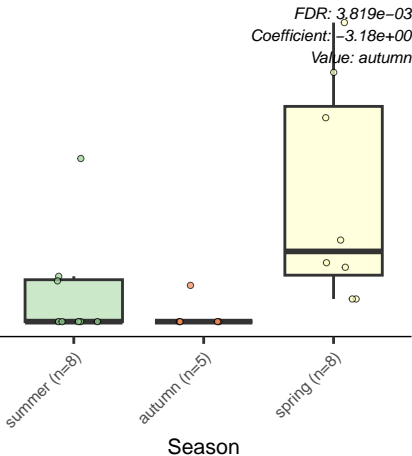


uncultured.phototrophic.eukaryote

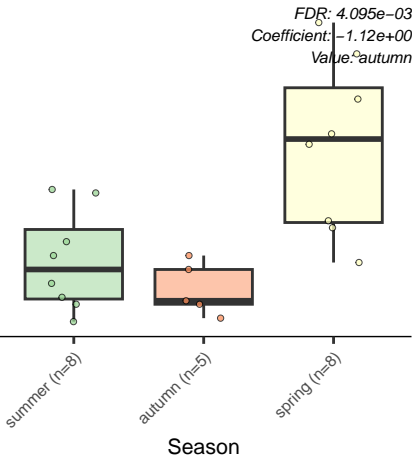
FDR: $3.739e-03$
Coefficient: $-1.60e+00$
Value: autumn



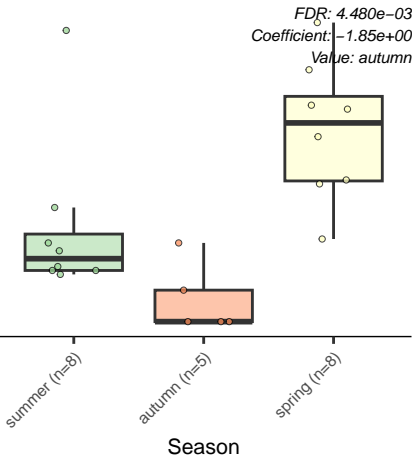
Nonlabens.sp..Hel1_33_55



Belliella.baltica



Leptolyngbya.sp..CCM.4



Algbacter.alginicilyticus

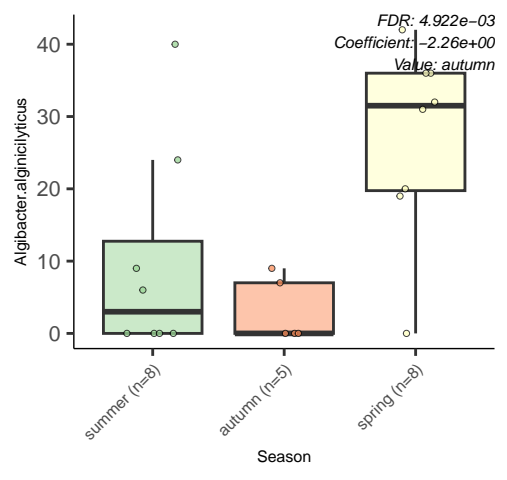
FDR: 4.922e-03
Coefficient: -2.26e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Yangia.sp..CCB.MM3

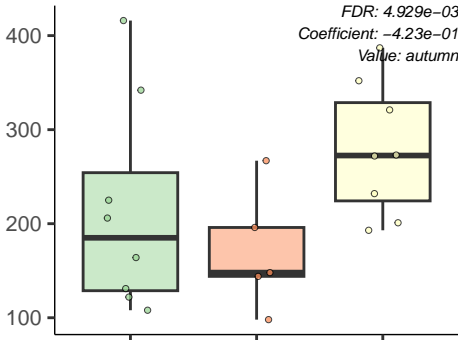
FDR: 4.929e-03
Coefficient: -4.23e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Haematospirillum.jordaniae

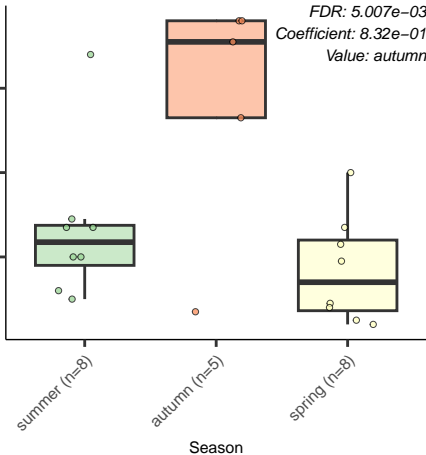
summer (n=8)

autumn (n=5)

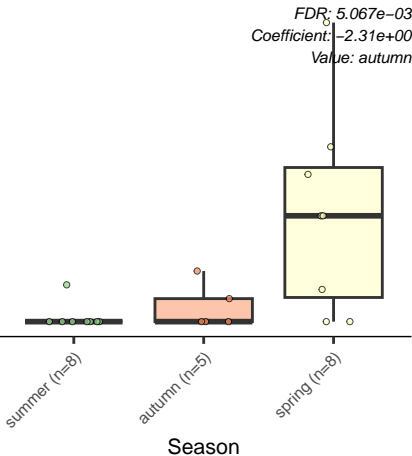
spring (n=8)

Season

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



Isochrysis.galbana



Salegentibacter.salegens

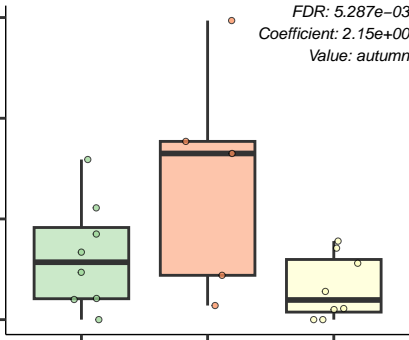
FDR: 5.287e-03
Coefficient: 2.15e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Geitlerinema.sp..PCC.7407

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

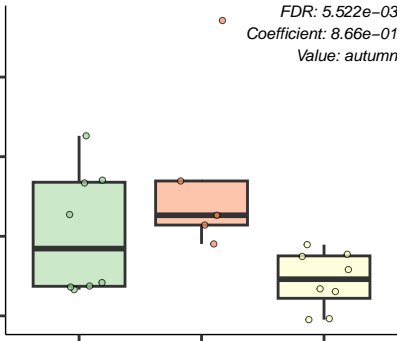
4000
3000
2000
1000

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.Chroococcidiopsis.sp.

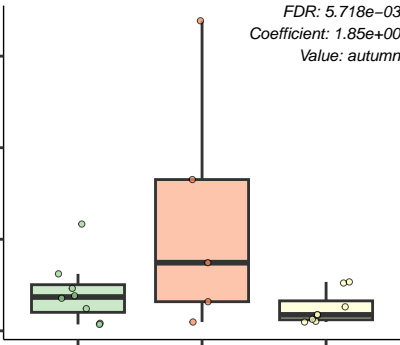
FDR: 5.718e-03
Coefficient: 1.85e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



sulfur.oxidizing.bacterium.OB115

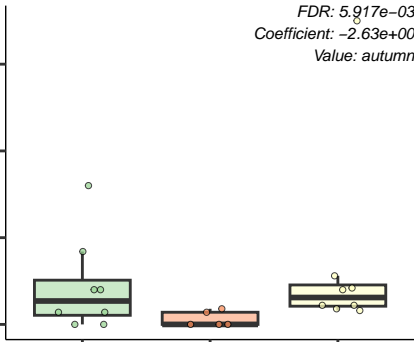
FDR: $5.917e-03$
Coefficient: $-2.63e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Roseovarius.tolerans

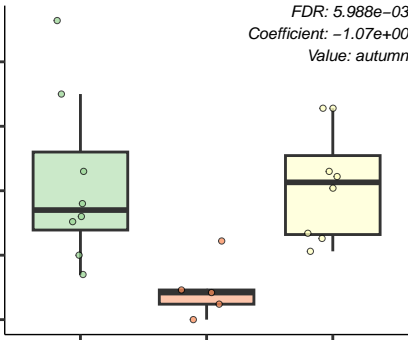
FDR: 5.988e-03
Coefficient: -1.07e+00
Value: autumn

summer (n=8)

autumn (n=5)

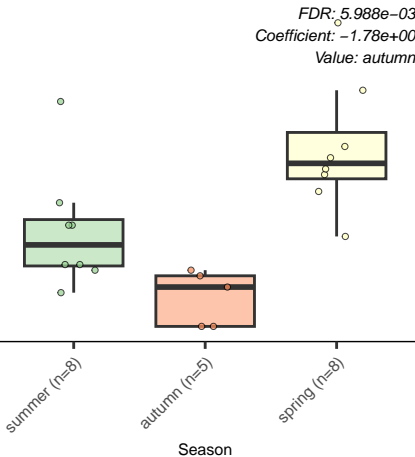
spring (n=8)

Season



uncultured.bacterium.ARCTIC31_D_06

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



Maribacter.sp..MAR_2009_60

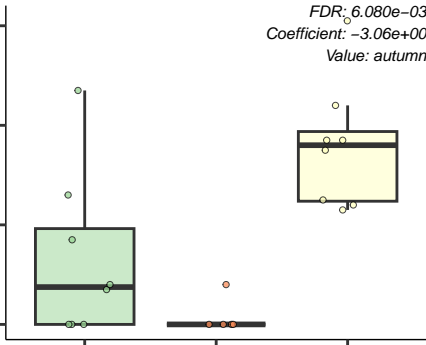
FDR: $6.080e-03$
Coefficient: $-3.06e+00$
Value: autumn

summer (n=8)

autumn (n=5)

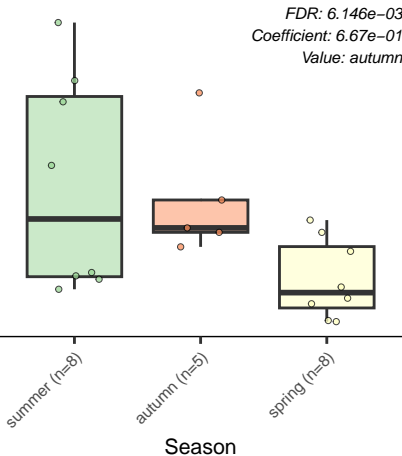
spring (n=8)

Season



Azospirillum.lipoferum

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



Porphyrrobacter.sp..CACIAM.03H1

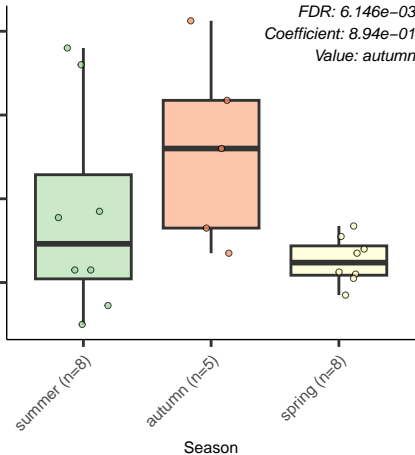
FDR: 6.146e-03
Coefficient: 8.94e-01
Value: autumn

summer (n=8)

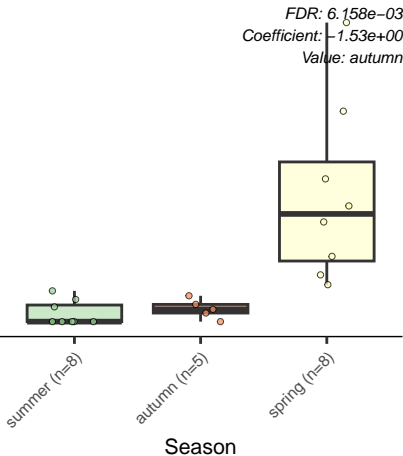
autumn (n=5)

spring (n=8)

Season



Gomphoneis.minuta



Dokdonella.koreensis

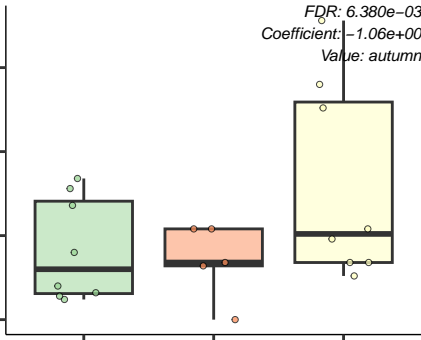
FDR: $6.380e-03$
Coefficient: $-1.06e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Scytonema.sp..NIES.4073

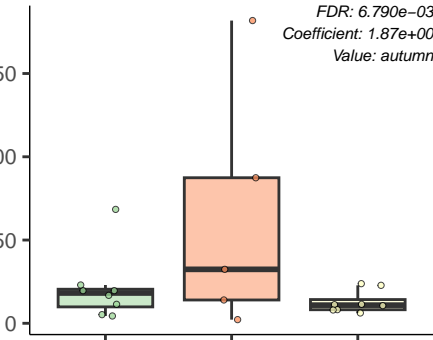
FDR: 6.790e-03
Coefficient: 1.87e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Caulobacter.vibrioides

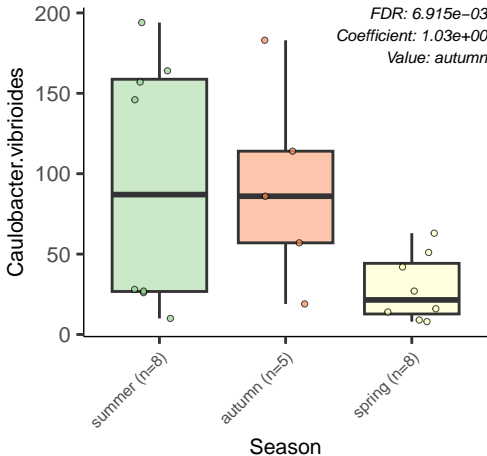
FDR: 6.915e-03
Coefficient: 1.03e+00
Value: autumn

summer (n=8)

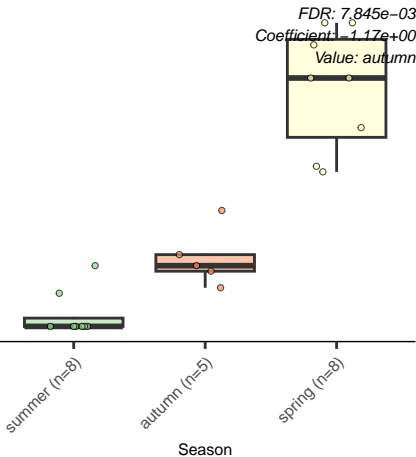
autumn (n=5)

spring (n=8)

Season

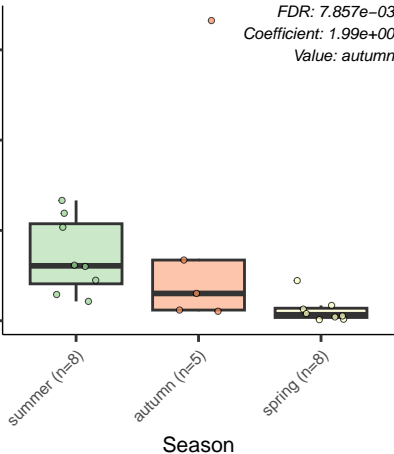


uncultured.Verrucomicrobiales.bacterium.HF0010_05E

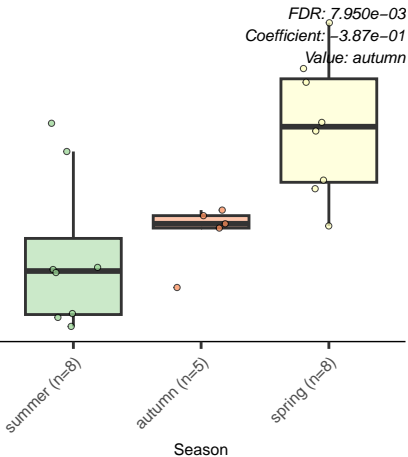


Halanaerobium.praevalens

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



Leisingera.methylolaldivorans



Rhodovibrio.sodomensis

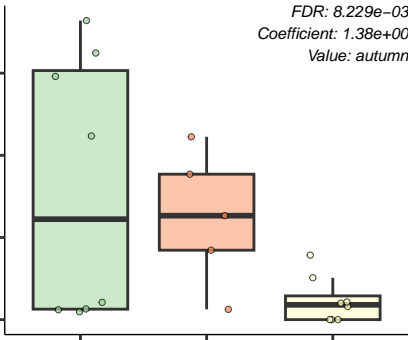
FDR: 8.229e-03
Coefficient: 1.38e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Muricauda.lutaonensis

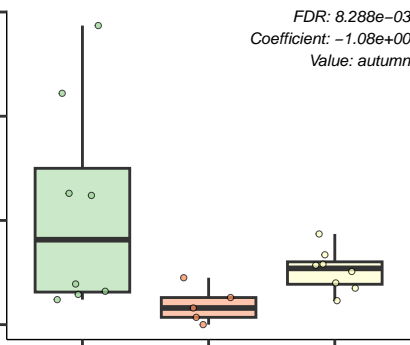
FDR: $8.288e-03$
Coefficient: $-1.08e+00$
Value: autumn

summer (n=8)

autumn (n=5)

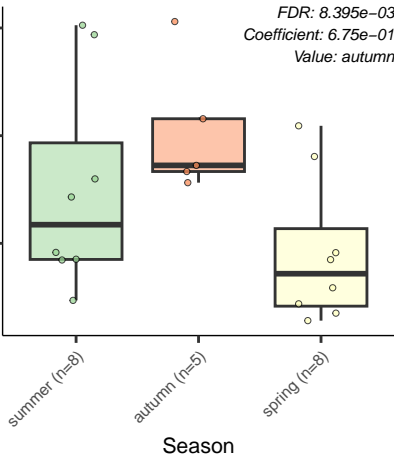
spring (n=8)

Season



Erythrobacter.litoralis

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



Roseomonas.sp..FDAARGOS_362

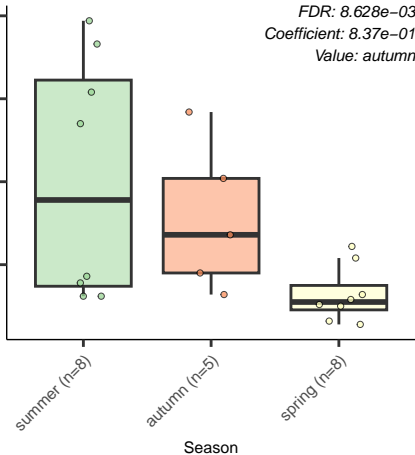
FDR: 8.628e-03
Coefficient: 8.37e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Woeseia.oceani

750

500

250

0

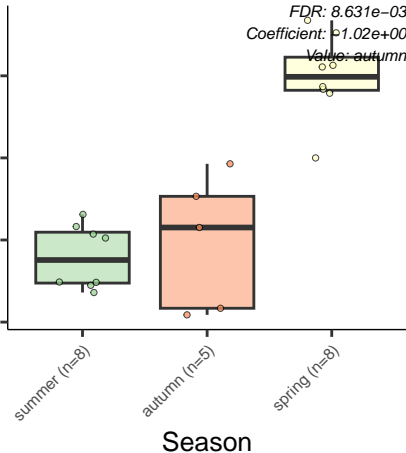
summer (n=8)

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

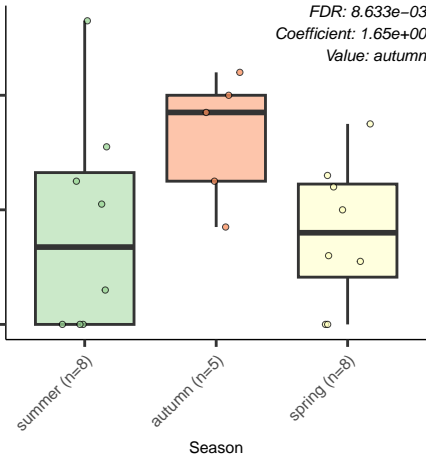
summer (n=8)

autumn (n=5)

spring (n=8)

Season

40
20
0



Candidatus.Atelocyanobacterium.thalassa

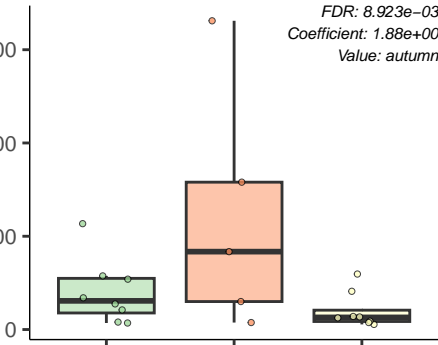
FDR: 8.923e-03
Coefficient: 1.88e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Thioalkalivibrio.sulfidiphilus

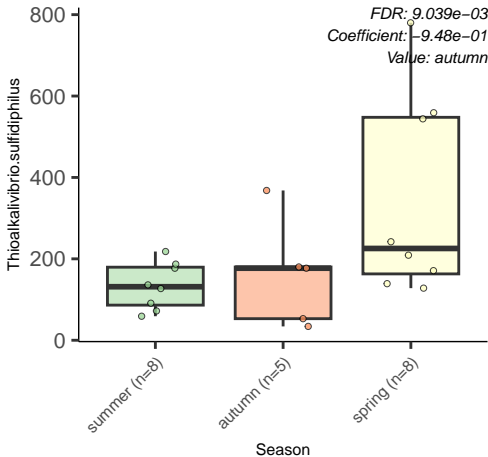
FDR: 9.039e-03
Coefficient: -9.48e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Muricauda.ruestringensis

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

20000

10000

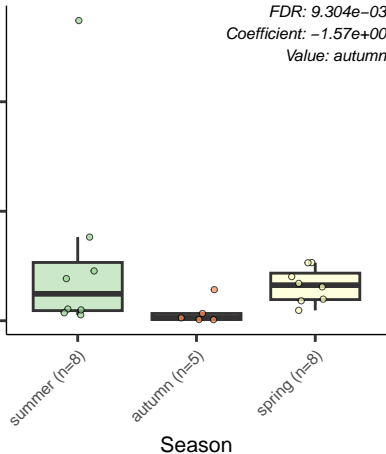
0

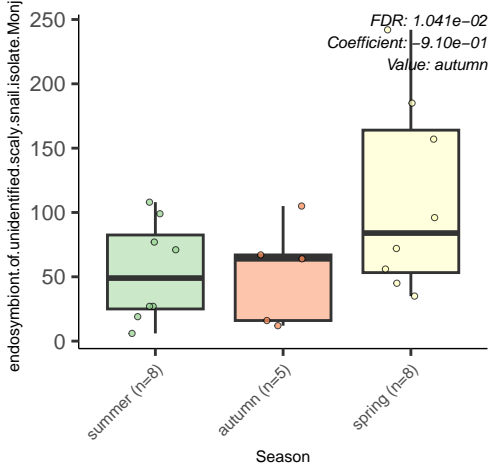
summer (n=8)

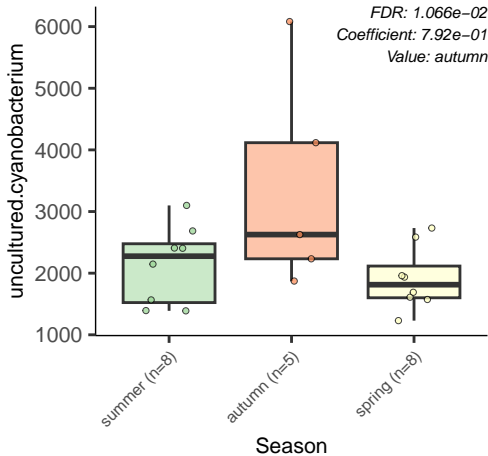
autumn (n=5)

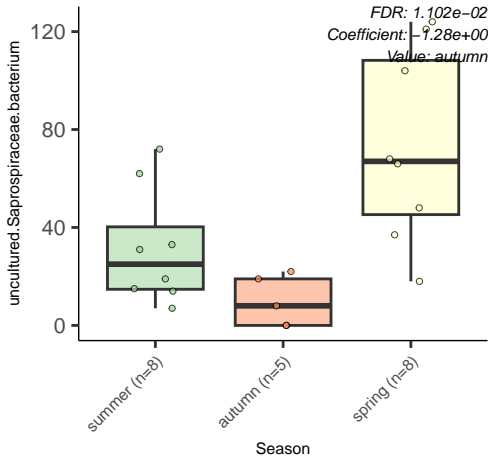
spring (n=8)

Season

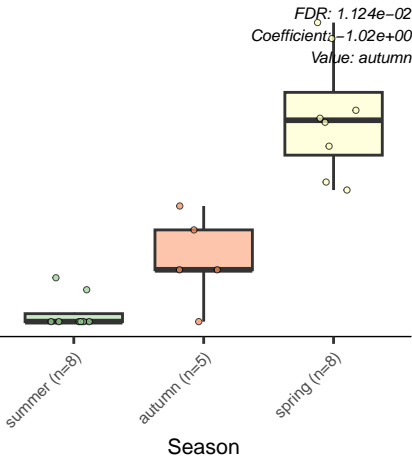








uncultured.fungus



Paracoccus.koreensis

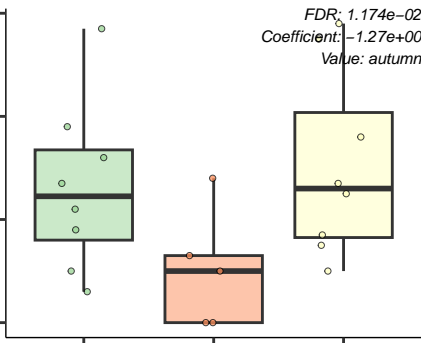
FDR: $1.174e-02$
Coefficient: $-1.27e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Pleurocapsa.minor

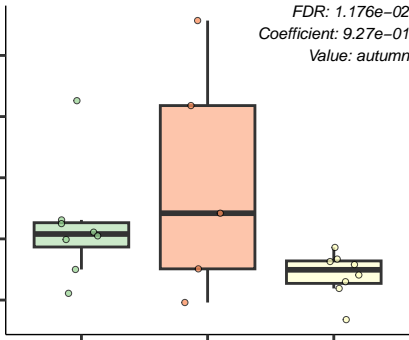
FDR: 1.176e-02
Coefficient: 9.27e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Moorea.producens

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

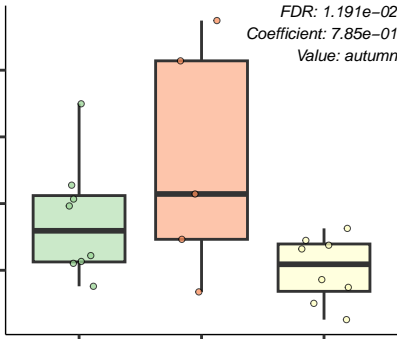
1250
1000
750
500

summer (n=8)

autumn (n=5)

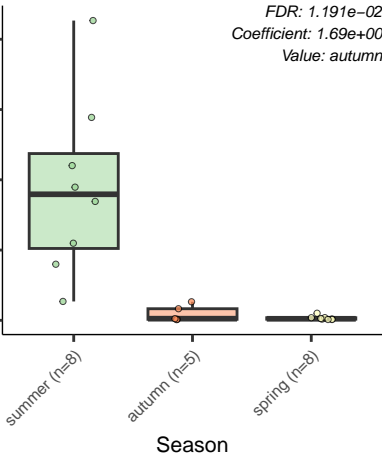
spring (n=8)

Season



Halorubrum.trapanicum

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



Microcoleus.sp..DAI

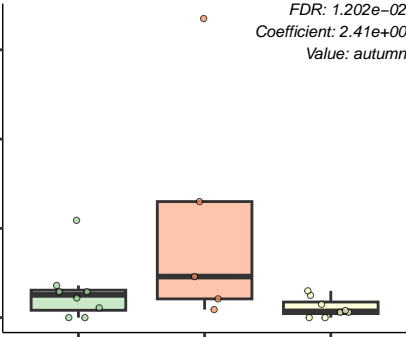
FDR: 1.202e-02
Coefficient: 2.41e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



bacterium.RC13

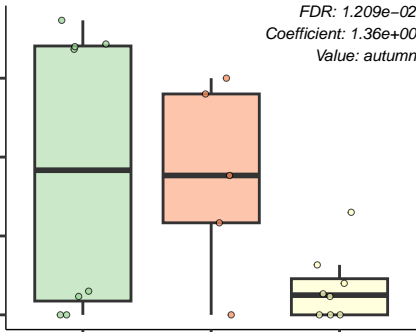
FDR: 1.209e-02
Coefficient: 1.36e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Microvirga.ossetica

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

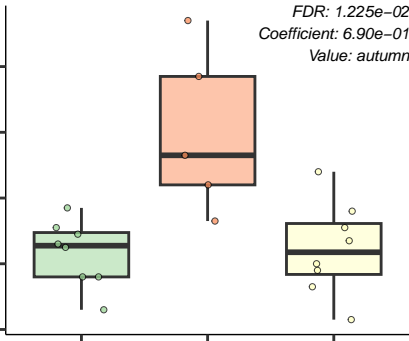
summer (n=8)

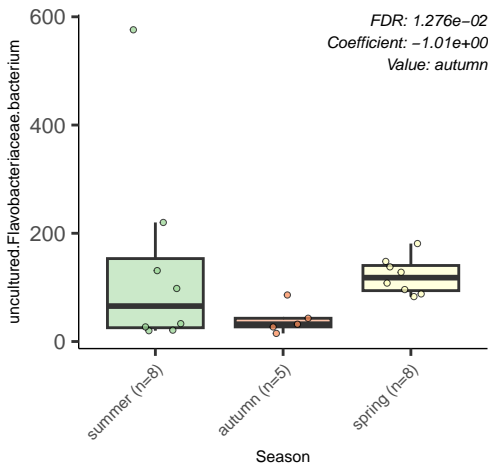
autumn (n=5)

spring (n=8)

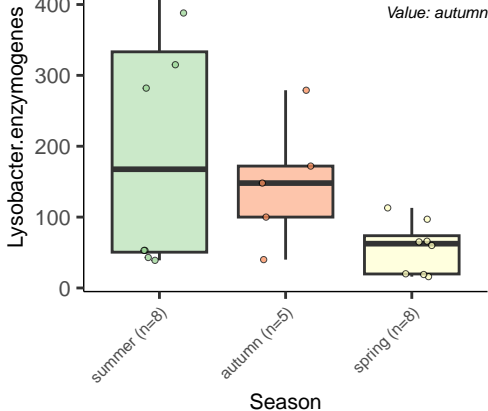
Season

100
80
60
40
20



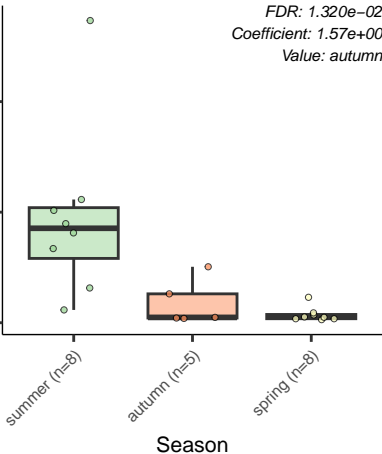


Value: autumn



Salinigranum.rubrum

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



Alteromonas.sp..RW2A1

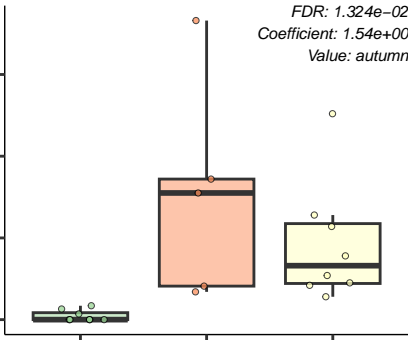
FDR: 1.324e-02
Coefficient: 1.54e+00
Value: autumn

summer (n=8)

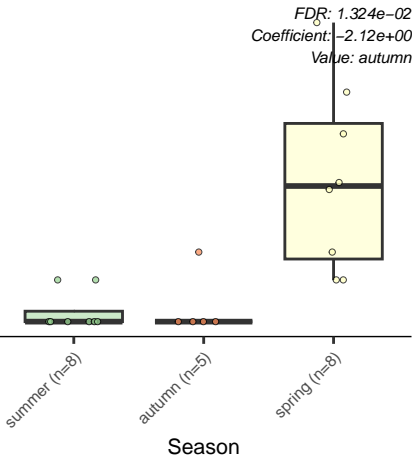
autumn (n=5)

spring (n=8)

Season



Lacinutrix.venerupis



Polaribacter.sp..Hel1_33_78

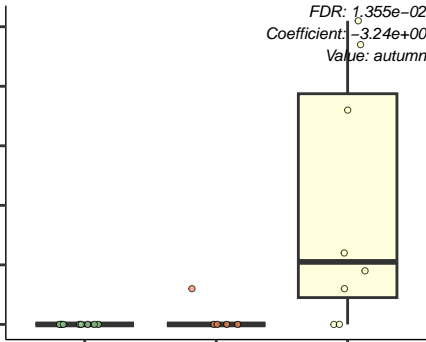
FDR: $1.355e-02$
Coefficient: $-3.24e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.nitrogen.fixing.bacterium

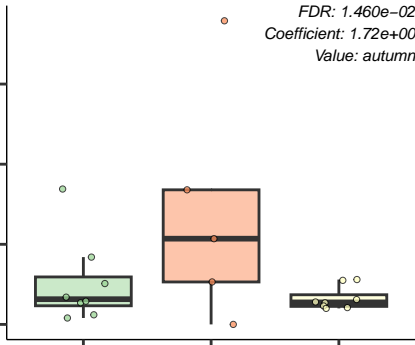
FDR: 1.460e-02
Coefficient: 1.72e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Cryptomonas.paramecium

60
40
20
0

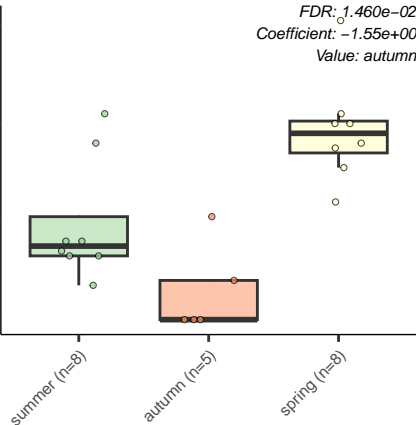
summer (n=8)

autumn (n=5)

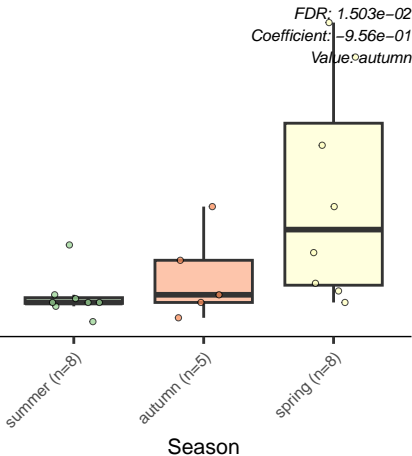
spring (n=8)

Season

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



Xanthomonas.translucens



Maribacter.sp..HTCC2170

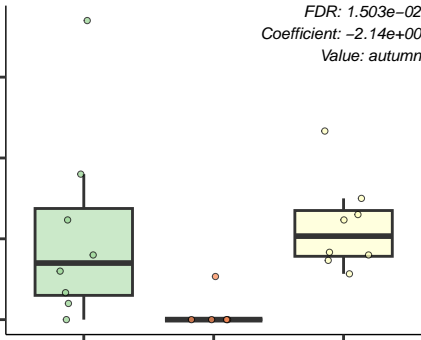
FDR: 1.503e-02
Coefficient: -2.14e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Crinalium.epipsammum

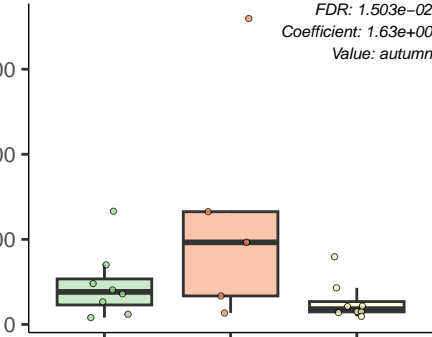
FDR: 1.503e-02
Coefficient: 1.63e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Synechocystis.sp..PCC.6803

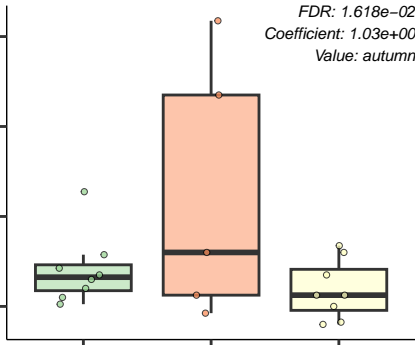
FDR: 1.618e-02
Coefficient: 1.03e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Candidatus.Thiosymbion.oneisti

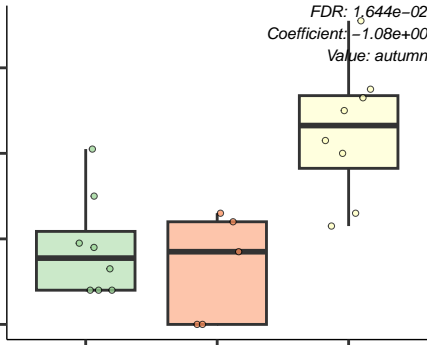
FDR: $1.644e-02$
Coefficient: $-1.08e+00$
Value: autumn

summer (n=8)

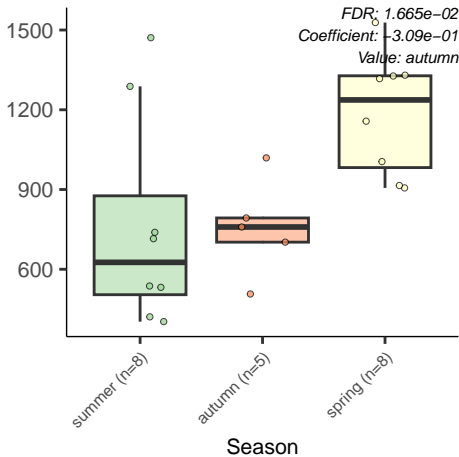
autumn (n=5)

spring (n=8)

Season



Salipiger.profundus



Maribacter.cobaltilidurans

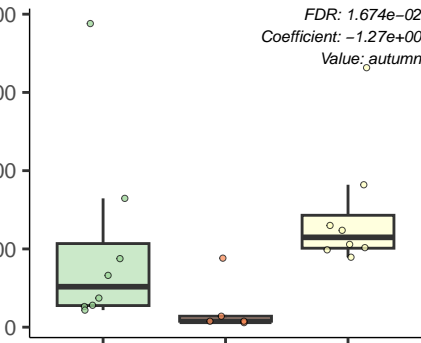
FDR: $1.674e-02$
Coefficient: $-1.27e+00$
Value: autumn

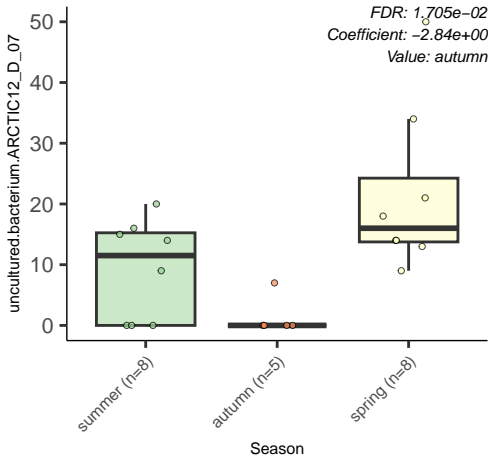
summer (n=8)

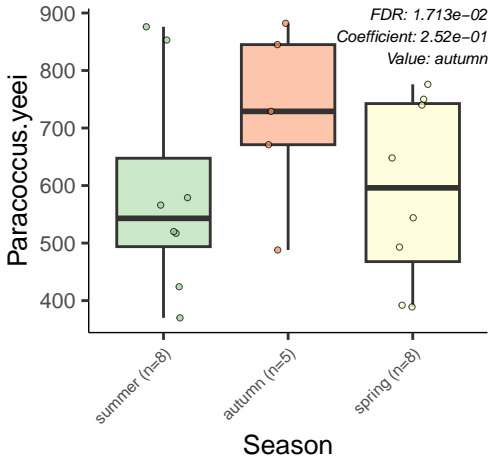
autumn (n=5)

spring (n=8)

Season

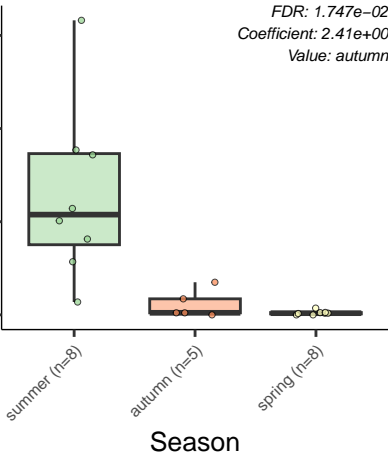




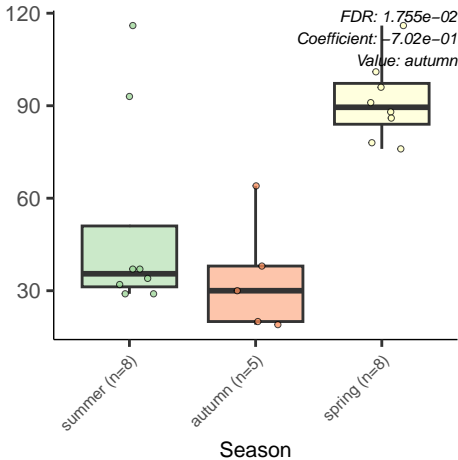


Halorubrum.sp.

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

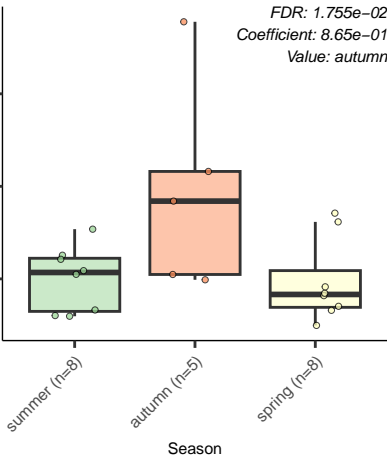


Paracoccus.sp..BM15



Coleofasciculus.chthonoplastes

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



Nostoc.flagelliforme

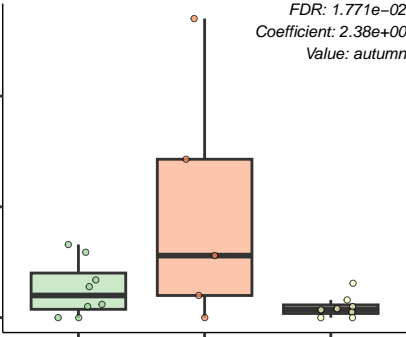
FDR: 1.771e-02
Coefficient: 2.38e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Ornithobacterium.rhinotracheale

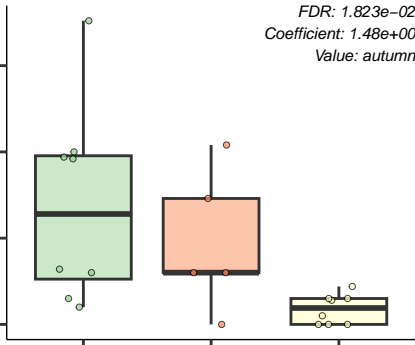
FDR: 1.823e-02
Coefficient: 1.48e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Dehalogenimonas.lykanthroporepellens

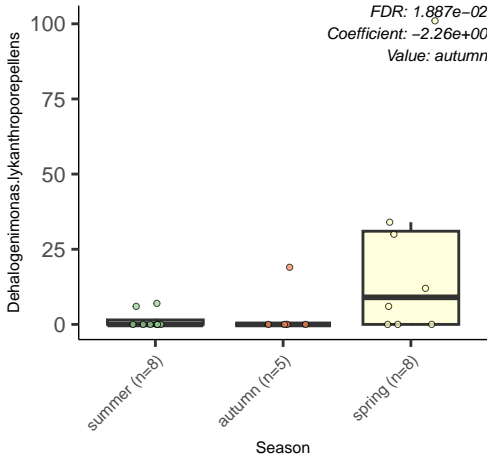
FDR: $1.887e-02$
Coefficient: $-2.26e+00$
Value: autumn

summer (n=8)

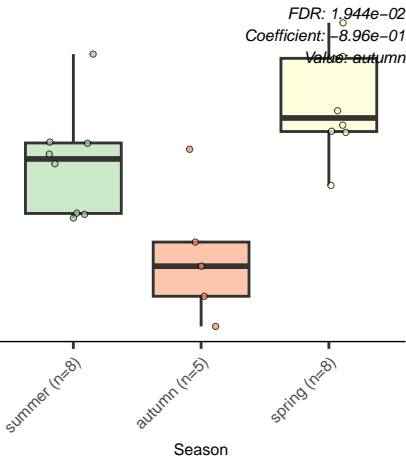
autumn (n=5)

spring (n=8)

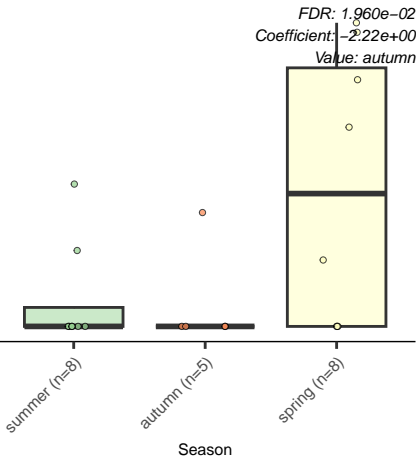
Season



uncultured.actinobacterium



filamentous.photosynthetic.bacterium.FI98.6



Ilumatobacter.coccineus

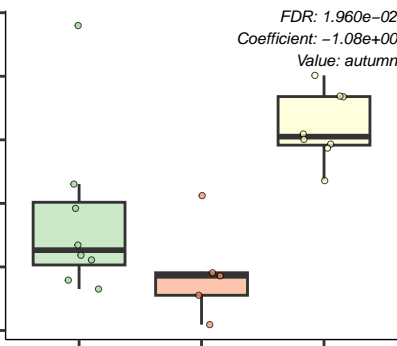
FDR: 1.960e-02
Coefficient: -1.08e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Acidihalobacter.ferrooxidans

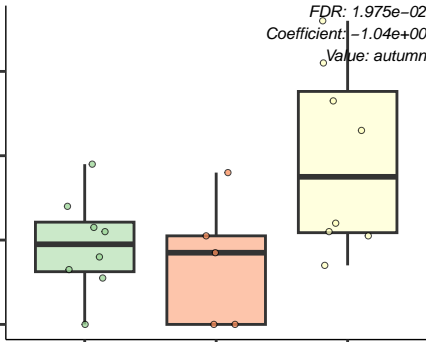
FDR: $1.975e-02$
Coefficient: $-1.04e+00$
Value: autumn

summer (n=8)

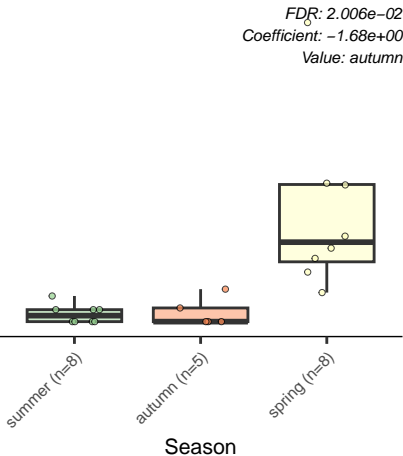
autumn (n=5)

spring (n=8)

Season



Thalassiosira.oceanica



Maribacter.sp..T28

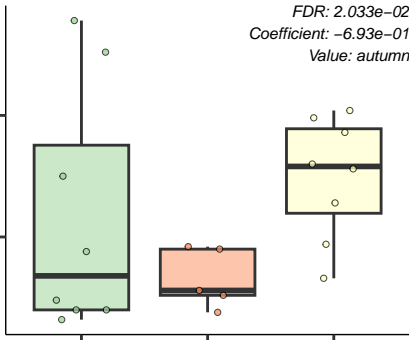
FDR: 2.033e-02
Coefficient: -6.93e-01
Value: autumn

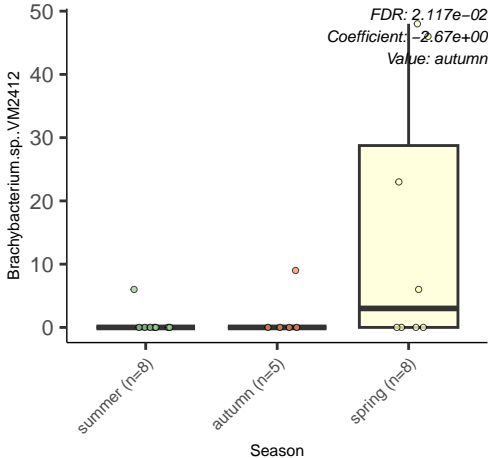
summer (n=8)

autumn (n=5)

spring (n=8)

Season





Steroidobacter.denitrificans

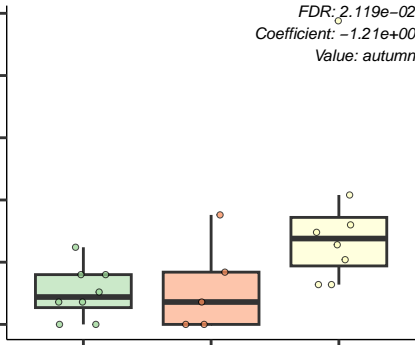
FDR: 2.119×10^{-2}
Coefficient: -1.21×10^0
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Alteromonas.sp..MB.3u.76

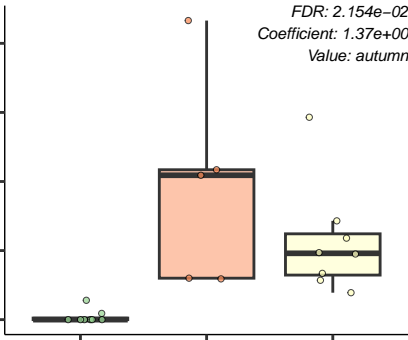
FDR: 2.154e-02
Coefficient: 1.37e+00
Value: autumn

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)

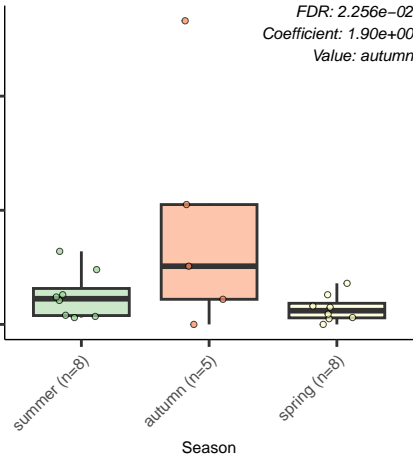
spring (n=8)

Season

200

100

0



Nitrosococcus.halophilus

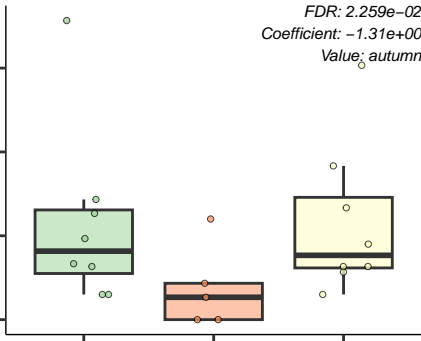
FDR: 2.259e-02
Coefficient: -1.31e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Caulobacter.mirabilis

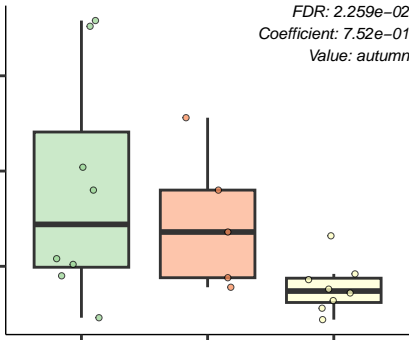
FDR: 2.259e-02
Coefficient: 7.52e-01
Value: autumn

summer (n=8)

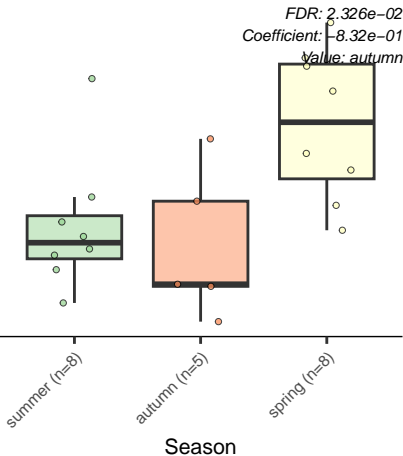
autumn (n=5)

spring (n=8)

Season

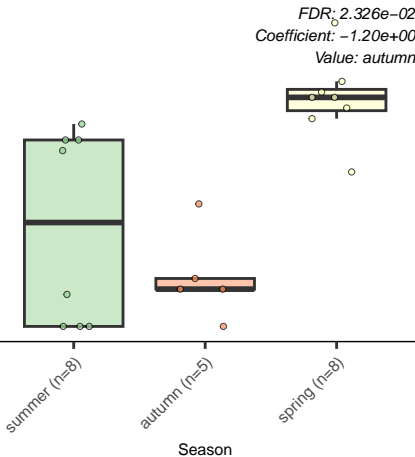


planctomycete.str..139



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

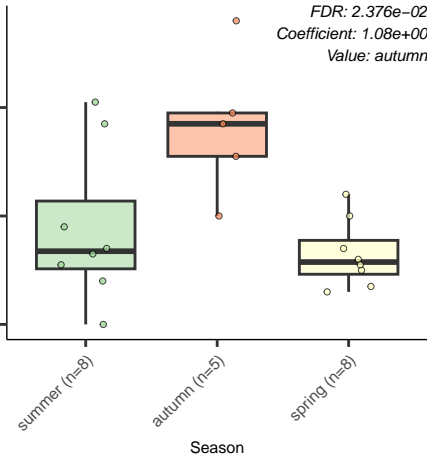
summer (n=8)

autumn (n=5)

spring (n=8)

Season

40
20
0



Trichormus.variabilis

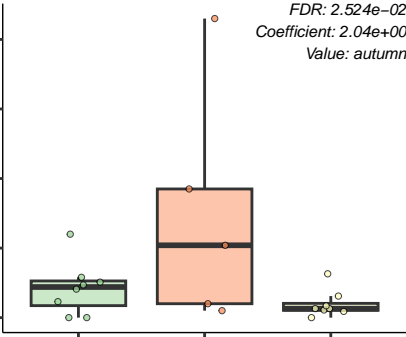
FDR: 2.524e-02
Coefficient: 2.04e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.Flexibacter.sp.

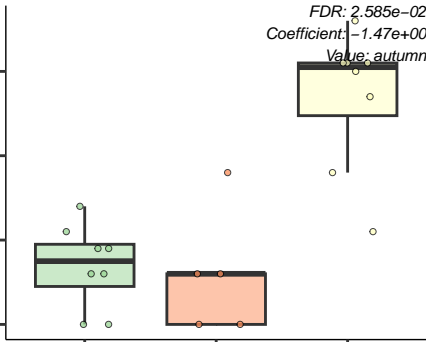
FDR: 2.585e-02
Coefficient: -1.47e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Calothrix.brevissima

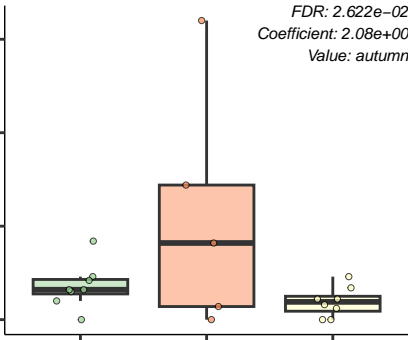
FDR: 2.622e-02
Coefficient: 2.08e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Rhizobiales.bacterium.NRL2

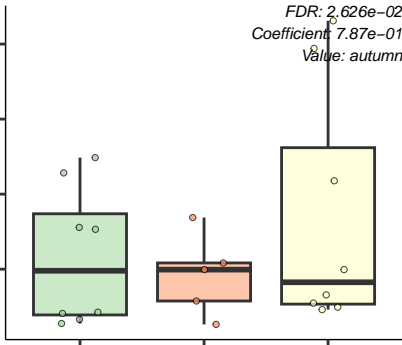
FDR: 2.626e-02
Coefficient: 7.87e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Leptolyngbya.sp..CCAP.1442.1

500
400
300
200
100
0

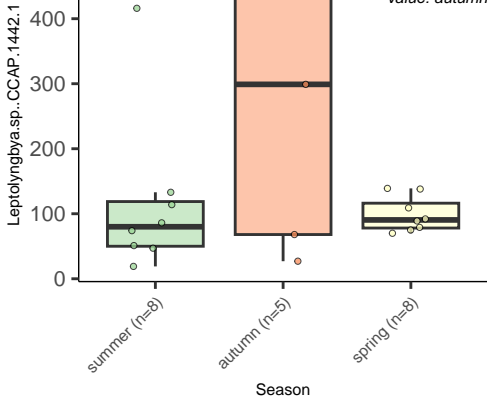
summer (n=8)

autumn (n=5)

spring (n=8)

Season

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



Psychroflexus.torquis

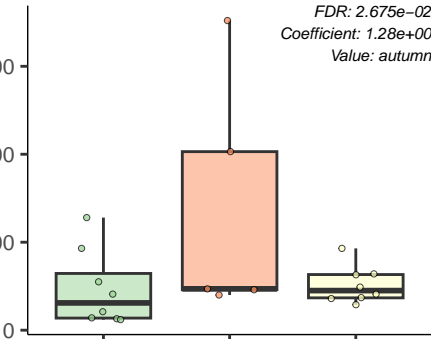
FDR: 2.675e-02
Coefficient: 1.28e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Oscillatoria.nigro.viridis

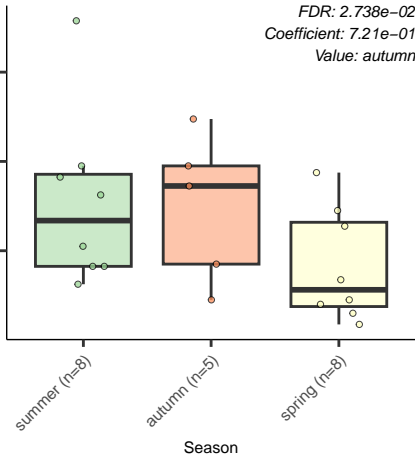
FDR: 2.738e-02
Coefficient: 7.21e-01
Value: autumn

summer (n=8)

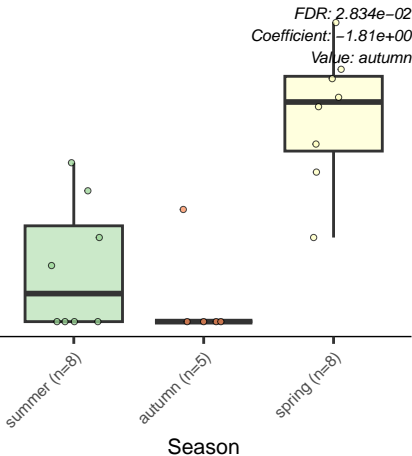
autumn (n=5)

spring (n=8)

Season



Polaribacter.sp..KT25b



Pyropia.haitanensis

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

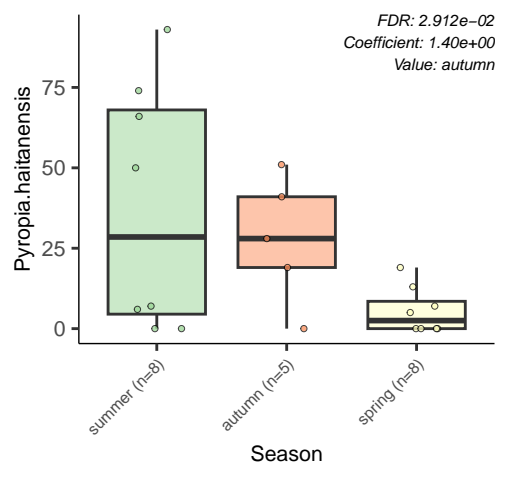
summer (n=8)

autumn (n=5)

spring (n=8)

Season

75
50
25
0



Candidatus.Amoebophilus.asiaticus

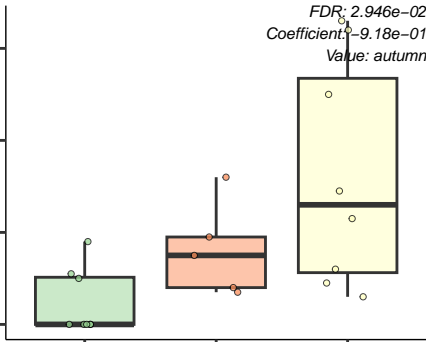
FDR: 2.946e-02
Coefficient: -9.18e-01
Value: autumn

summer (n=8)

autumn (n=5)

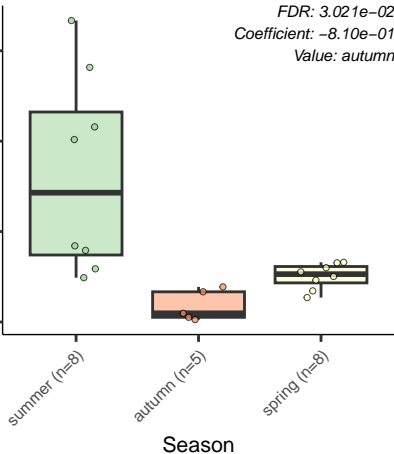
spring (n=8)

Season



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)

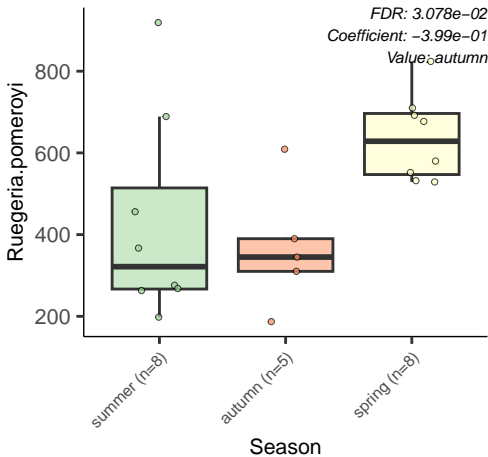
autumn (n=5)

spring (n=8)

Season

200

100



Leptolyngbya.sp..O.77

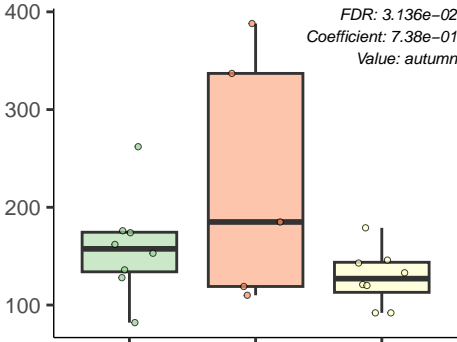
FDR: 3.136e-02
Coefficient: 7.38e-01
Value: autumn

summer (n=8)

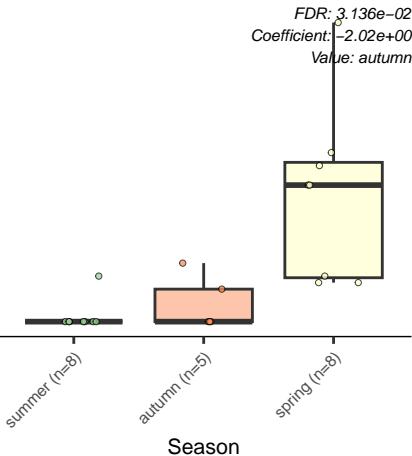
autumn (n=5)

spring (n=8)

Season



Dolichomastix.tenuilepis



Geobacter.sp..M18

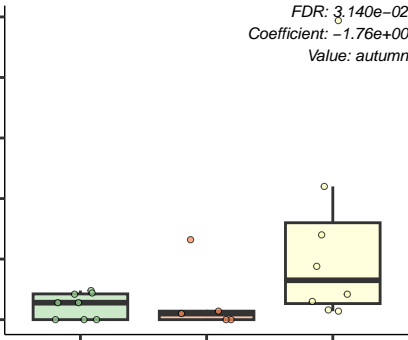
FDR: $3.140e-02$
Coefficient: $-1.76e+00$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Microcystis.aeruginosa

10000

5000

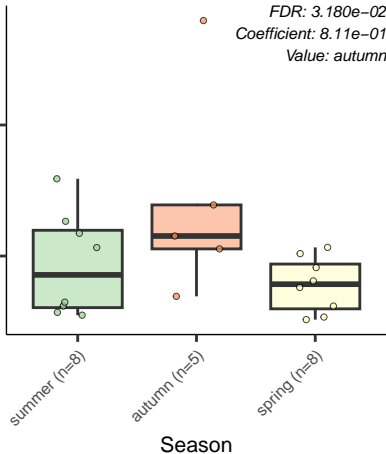
summer (n=8)

autumn (n=5)

spring (n=8)

Season

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



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

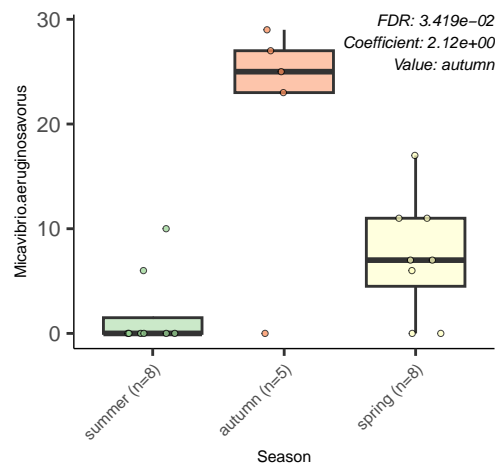
FDR: 3.419e-02
Coefficient: 2.12e+00
Value: autumn

summer (n=8)

autumn (n=5)

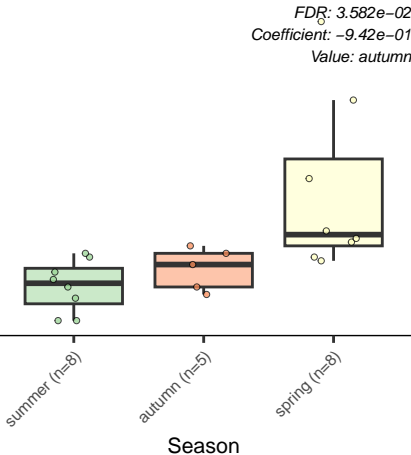
spring (n=8)

Season



Endozoicomonas.montiporae

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



Cyanobacterium.aponinum

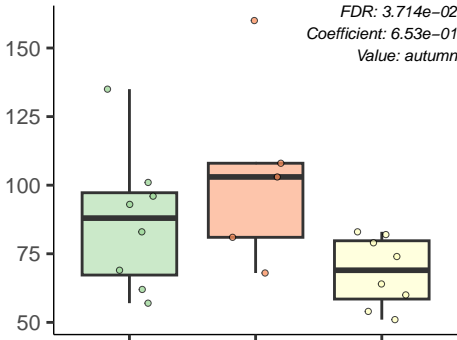
FDR: 3.714e-02
Coefficient: 6.53e-01
Value: autumn

summer (n=8)

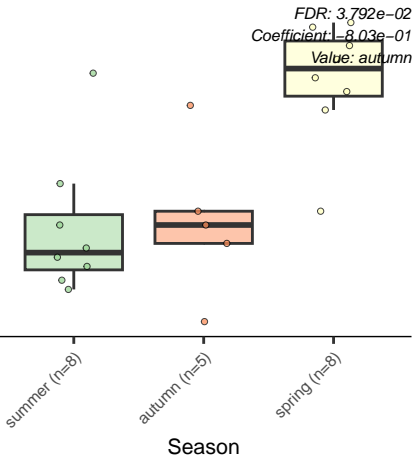
autumn (n=5)

spring (n=8)

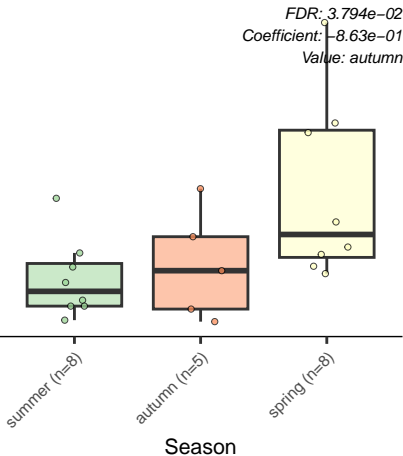
Season

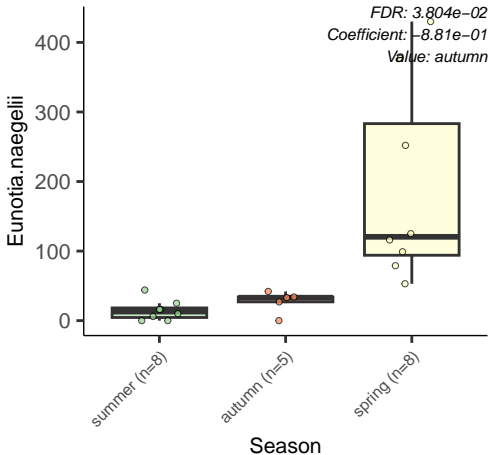


Martelella.mediterranea



Acidihalobacter.prosperus





Rhodovibrio.sp..R504

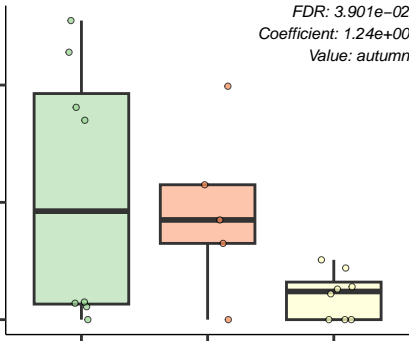
FDR: 3.901e-02
Coefficient: 1.24e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Fischerella.sp..NIES.3754

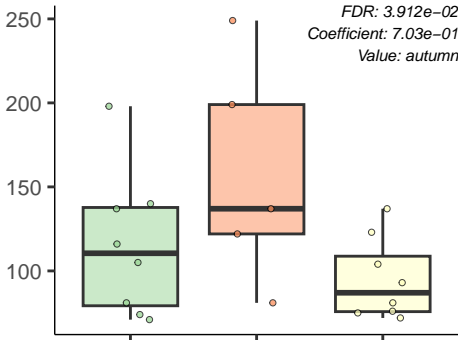
FDR: 3.912e-02
Coefficient: 7.03e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Cyanothece.sp..ATCC.51142

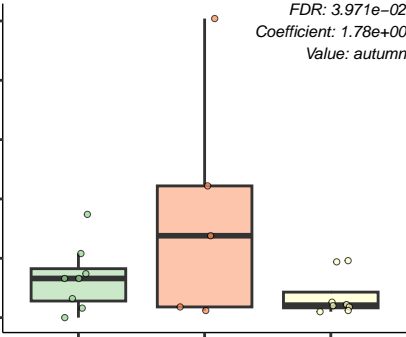
FDR: 3.971e-02
Coefficient: 1.78e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Bernardetia.litoralis

FDR: 4.022e-02

Coefficient: -1.64e+00

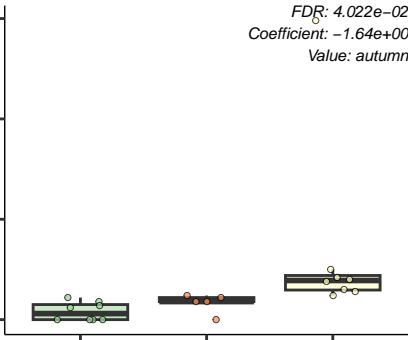
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.bacterium

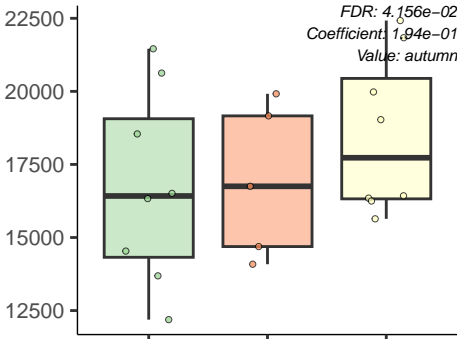
FDR: $4.156e-02$
Coefficient: $1.94e-01$
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Bradyrhizobium.jicamae

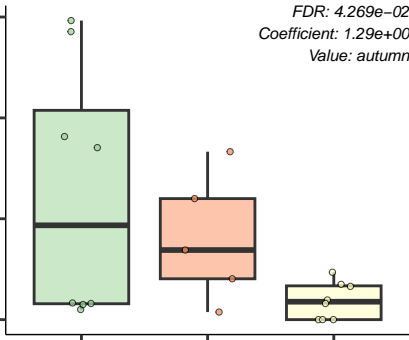
FDR: 4.269e-02
Coefficient: 1.29e+00
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



Sulfurifustis.variabilis

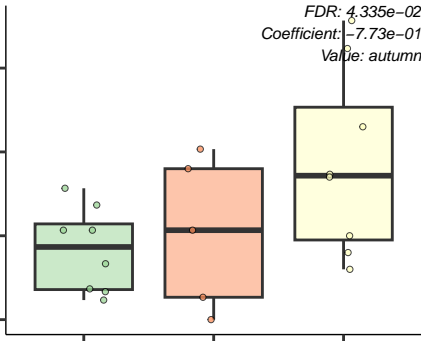
FDR: $4.335e-02$
Coefficient: $-7.73e-01$
Value: autumn

summer (n=8)

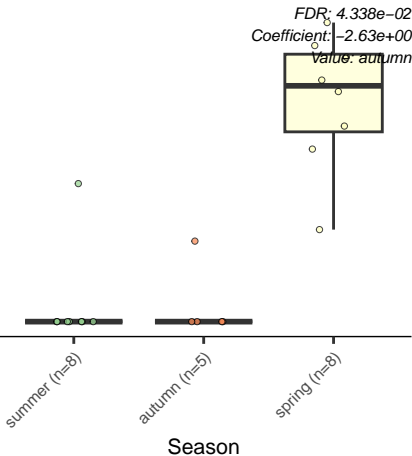
autumn (n=5)

spring (n=8)

Season



Roseobacter.sp..M1.12



Rhodopseudomonas.palustris

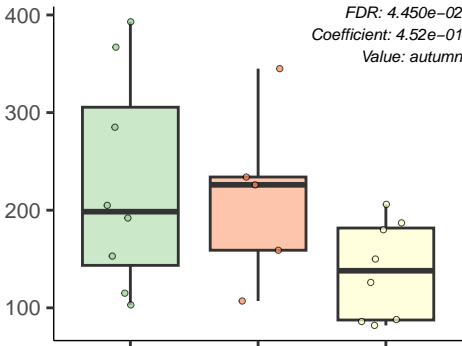
FDR: 4.450e-02
Coefficient: 4.52e-01
Value: autumn

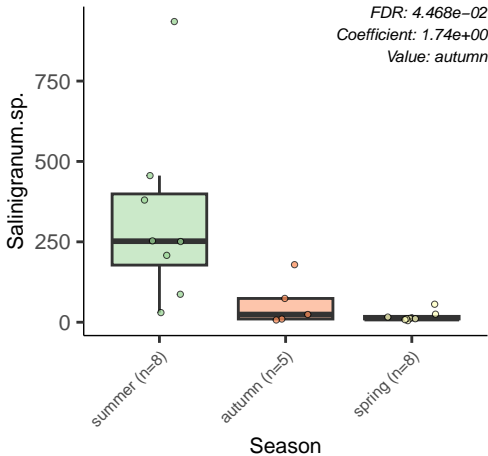
summer (n=8)

autumn (n=5)

spring (n=8)

Season





Pseudomonas.mendocina

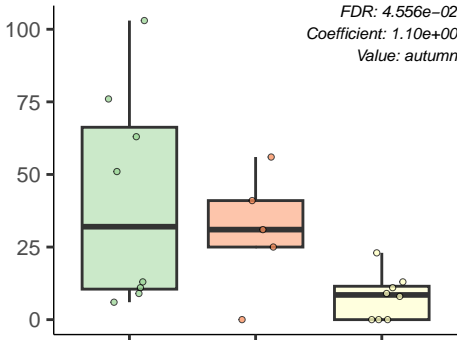
FDR: 4.556e-02
Coefficient: 1.10e+00
Value: autumn

summer (n=8)

autumn (n=5)

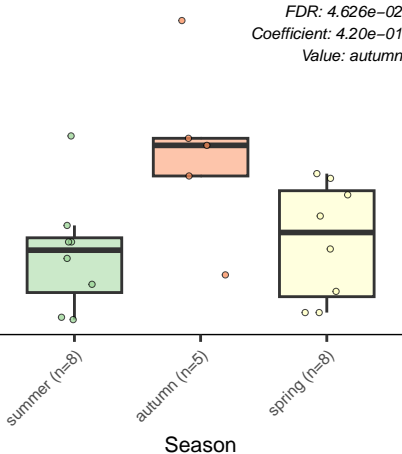
spring (n=8)

Season

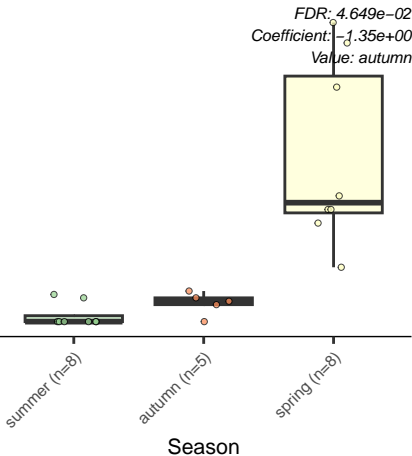


Blastochloris viridis

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



Asterionella.formosa



Spirulina.major

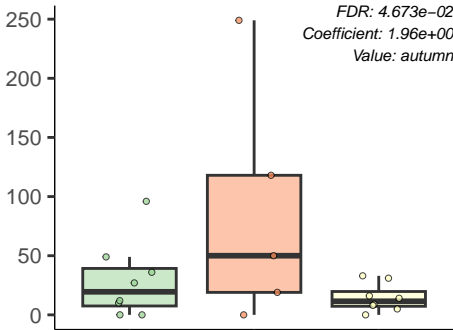
FDR: 4.673e-02
Coefficient: 1.96e+00
Value: autumn

summer (n=8)

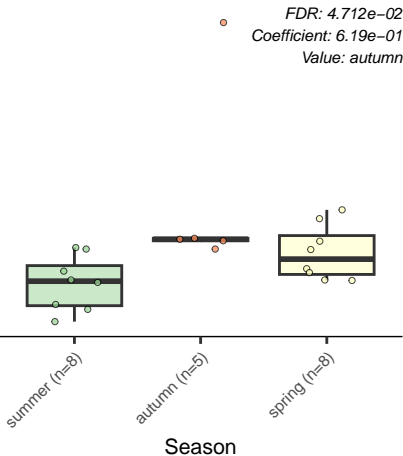
autumn (n=5)

spring (n=8)

Season

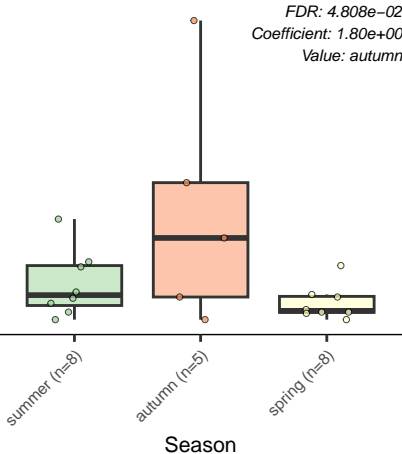


Parvularcula.bermudensis

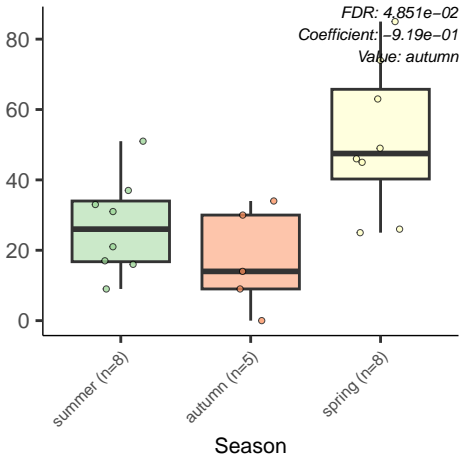


Stanieria.cyanosphaera

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



planctomycete.str..140



Synechocystis.sp..PCC.6714

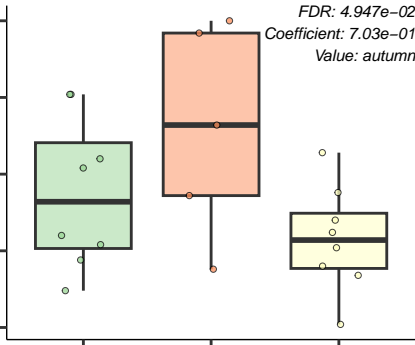
FDR: 4.947e-02
Coefficient: 7.03e-01
Value: autumn

summer (n=8)

autumn (n=5)

spring (n=8)

Season



uncultured.stramenopile

