

Value: high



uncultured.marine.eukaryote

FDR: 7.222e-09
Coefficient: -5.58e+00
Value: high

200

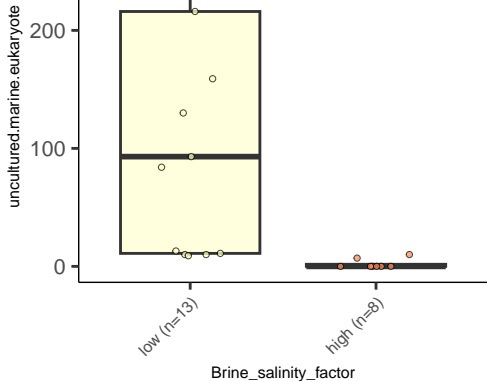
100

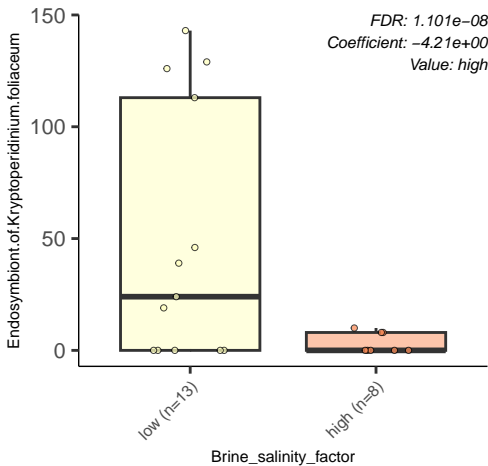
0

low (n=13)

high (n=8)

Brine_salinity_factor





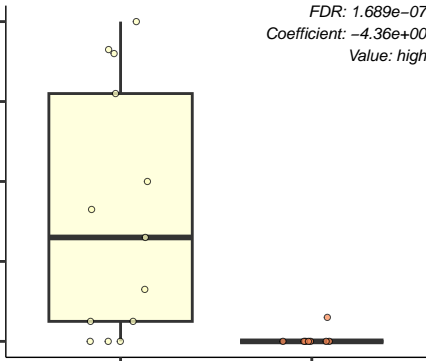
Glaciecola.nitrateducens

FDR: 1.689e-07
Coefficient: -4.36e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



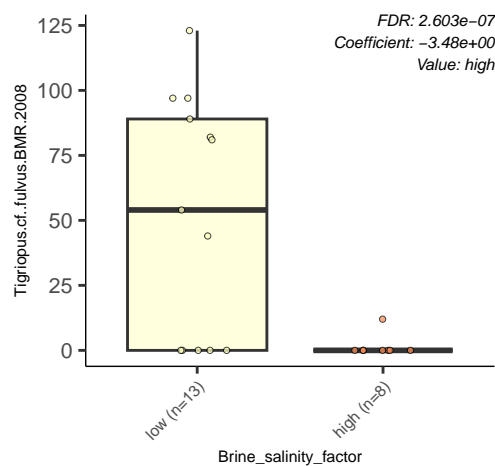
Tigriopus.cf..fulvus.BMR.2008

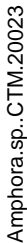
FDR: 2.603e-07
Coefficient: -3.48e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





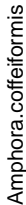
FDR: 3.587e-07

Coefficient: $-2.06e+00$

Value: high



Brine_salinity_factor



FDR: 6.776e-07

Coefficient: $-3.47e+00$

Value: high



Brine_salinity_factor

Harpacticus.sp..France_RJH_2007

FDR: $8.244e-07$
Coefficient: $-2.74e+00$
Value: high

100

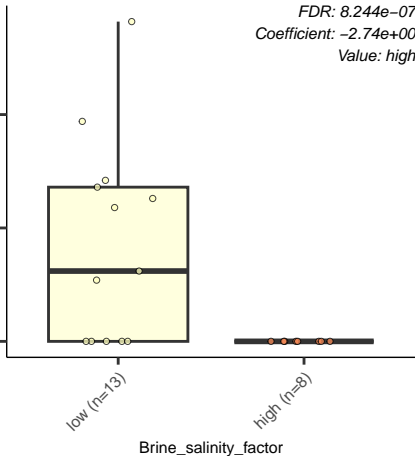
50

0

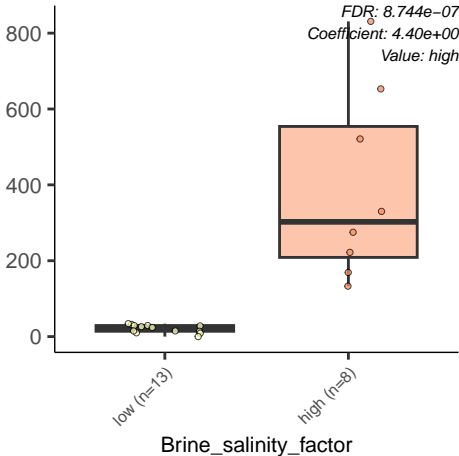
low (n=13)

high (n=8)

Brine_salinity_factor



Spiribacter.curvatus



Polaribacter.sejongensis

FDR: 8.744e-07

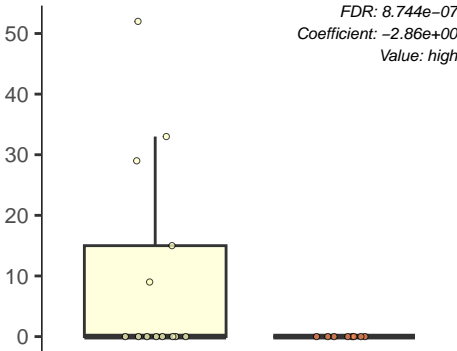
Coefficient: -2.86e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halohasta.litorea

75

50

25

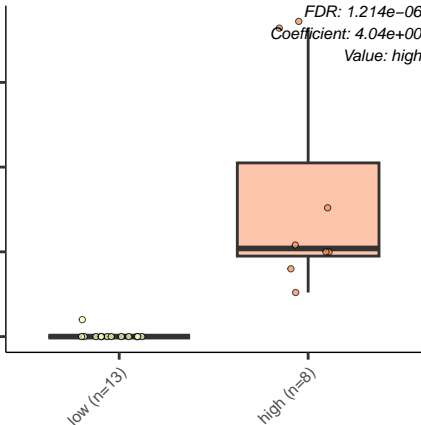
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.214e-06
Coefficient: 4.04e+00
Value: high



Tamlana.sp..UJ94

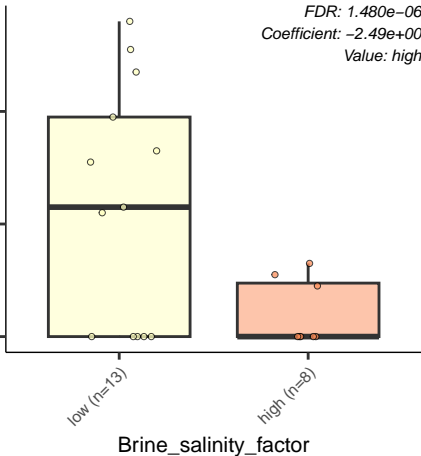
FDR: $1.480e-06$
Coefficient: $-2.49e+00$
Value: high

40
20
0

low (n=13)

high (n=8)

Brine_salinity_factor



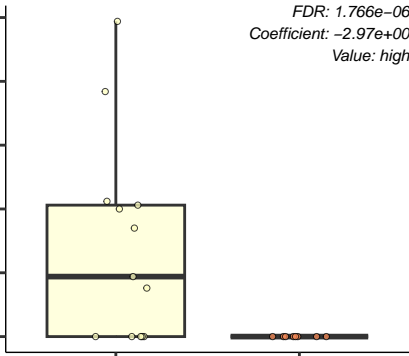
Longipedia.sp..DZMB183

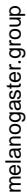
FDR: 1.766e-06
Coefficient: -2.97e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





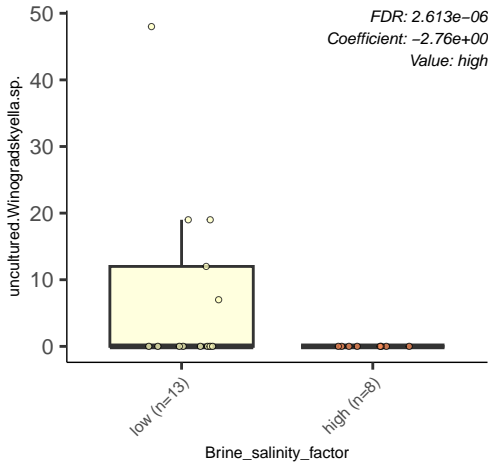
FDR: 2.430e-06

Coefficient: $-2.53e+00$

Value: high



Brine_salinity_factor



Lucayostratiotes.cornuta

FDR: 2.952e-06
Coefficient: -3.05e+00
Value: high

200

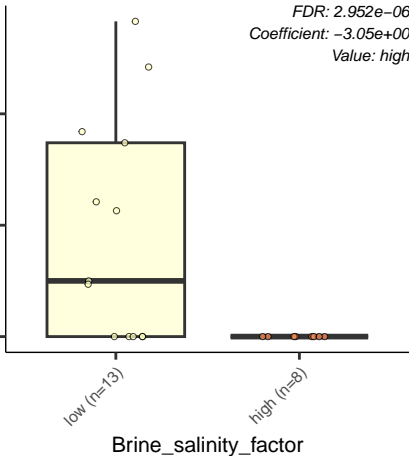
100

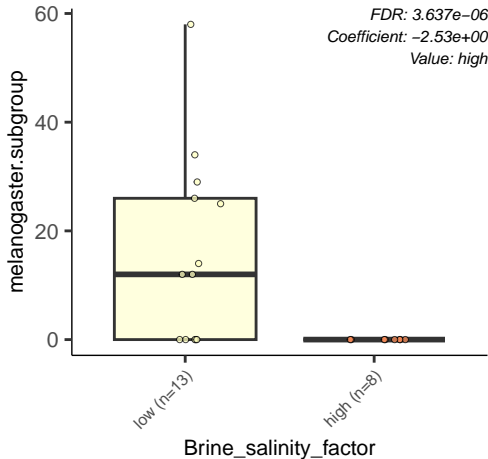
0

low (n=13)

high (n=8)

Brine_salinity_factor





Drosophila.melanogaster

FDR: 3.637e-06

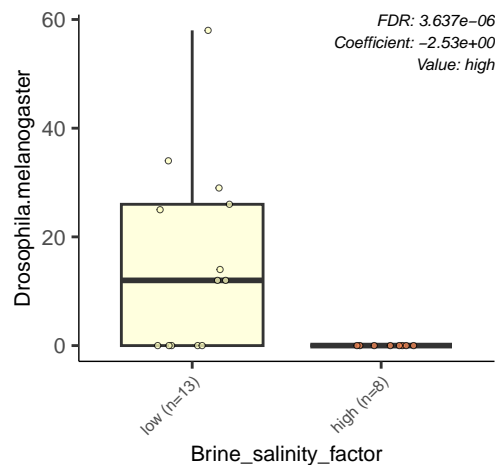
Coefficient: -2.53e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Aplanochytrium.stocchini

FDR: $3.873e-06$

Coefficient: $-2.65e+00$

Value: high

30

20

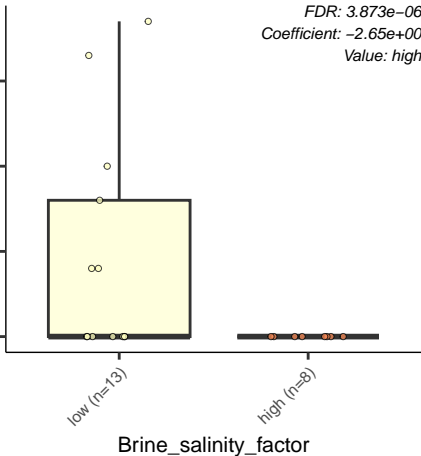
10

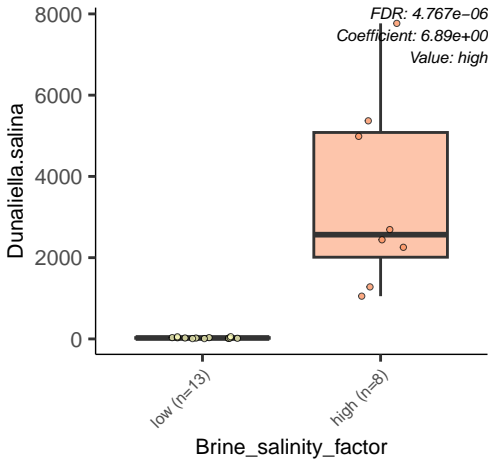
0

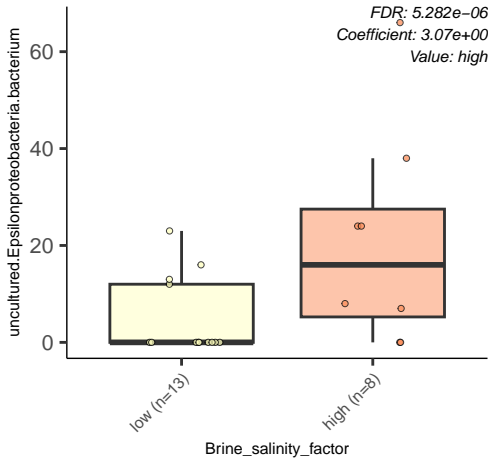
low (n=13)

high (n=8)

Brine_salinity_factor

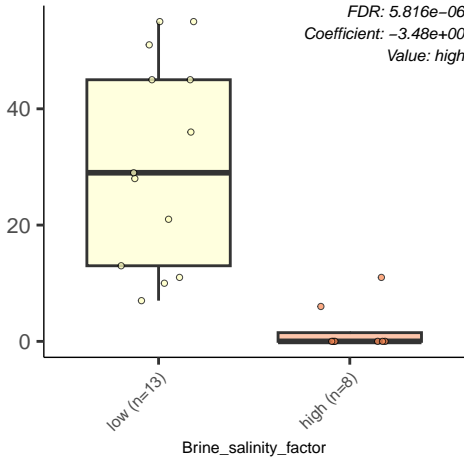




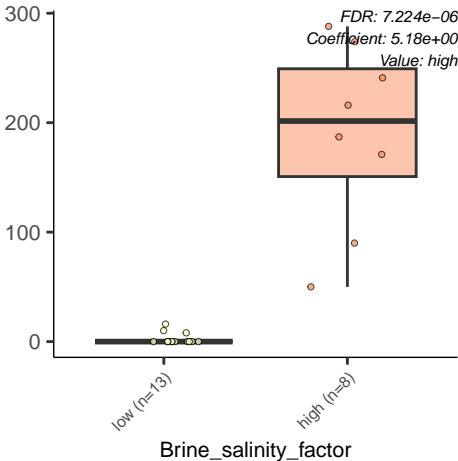


uncultured.Verrucomicrobiales.bacterium.HF0010_05E0

FDR: 5.816×10^{-6}
Coefficient: -3.48×10^0
Value: high



Acholeplasma.brassicae



uncultured.Sulfitobacter.sp.

FDR: 8.766e-06
Coefficient: -1.83e+00
Value: high

10

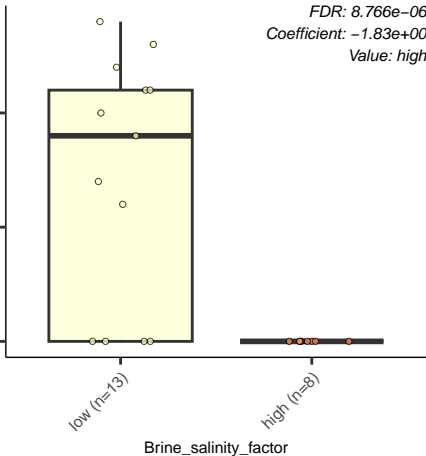
5

0

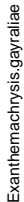
low (n=13)

high (n=8)

Brine_salinity_factor



Value: high



60 -

40 -

20 -

0 -

low ($n=13$)

high (n=8)

Brine_salinity_factor

Isochrysis.sp..SAG.927.2

FDR: 1.318e-05

Coefficient: -2.37e+00

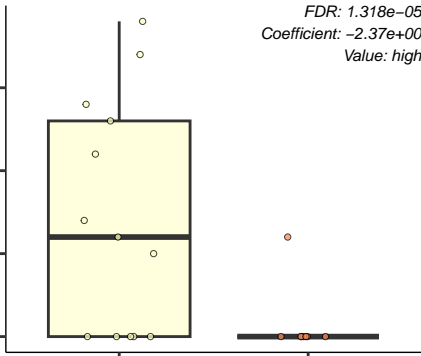
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

15
10
5
0



Halanaerobacter.lacunarum

FDR: $1.486e-05$

Coefficient: $3.94e+00$

Value: high

60

40

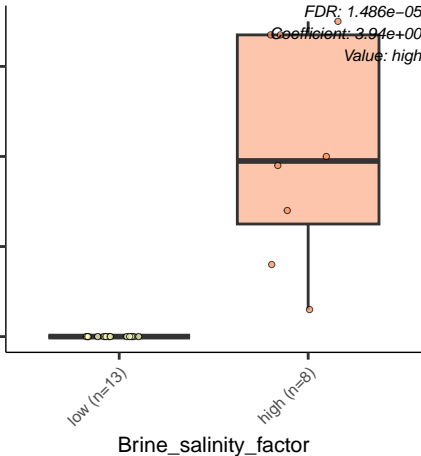
20

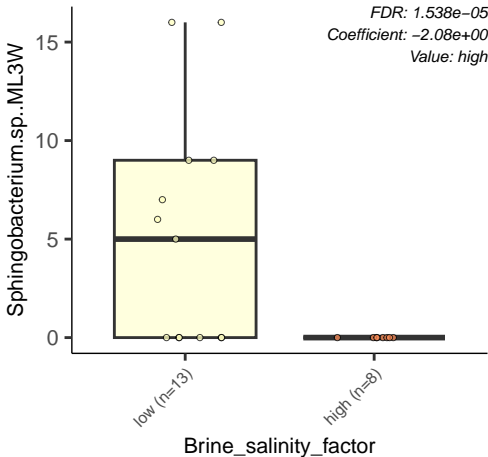
0

low (n=13)

high (n=8)

Brine_salinity_factor





Halobacteriaceae.archaeon.SL.2

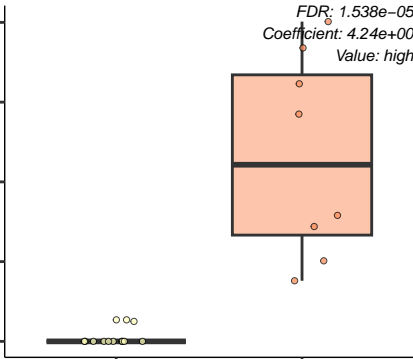
400
300
200
100
0

low (n=13)

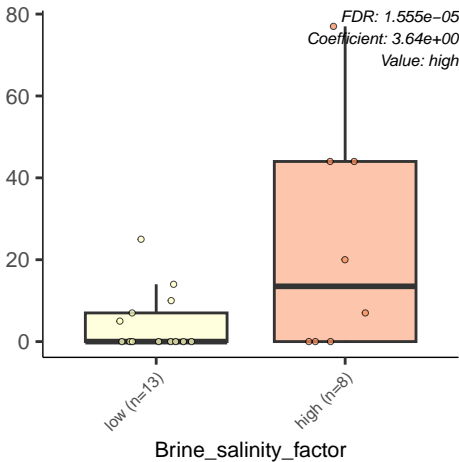
high (n=8)

Brine_salinity_factor

FDR: $1.538e-05$
Coefficient: $4.24e+00$
Value: high



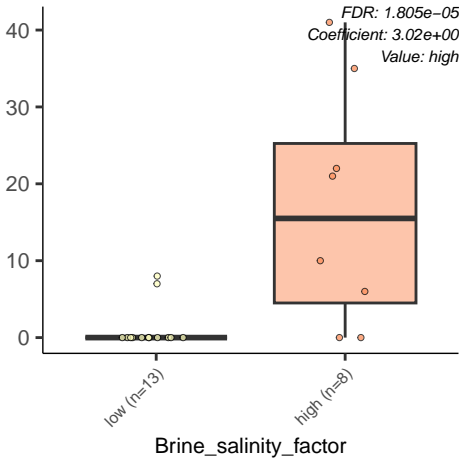
Sulfurimonas.autotrophica

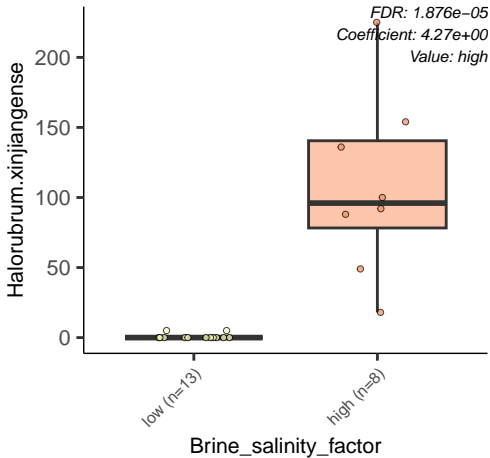


Value: high



Capnocytophaga.stomatis





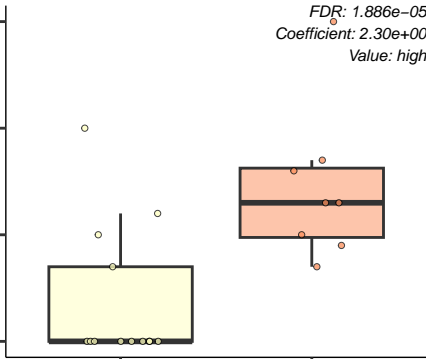
Cyclobacterium.sp..HMD3175

FDR: 1.886e-05
Coefficient: 2.30e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Tigriopus.japonicus

FDR: 2.125e-05

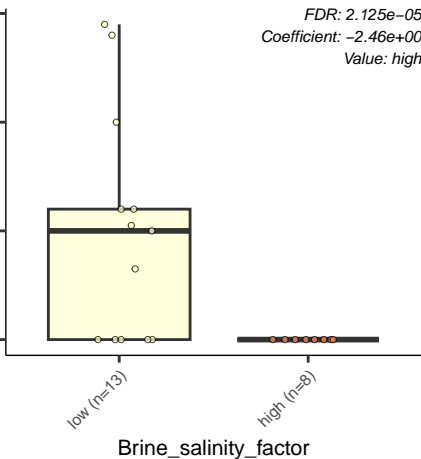
Coefficient: -2.46e+00

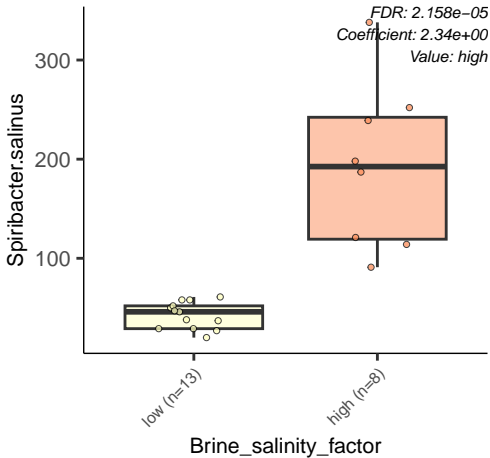
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Lacinutrix.sp..Bg11.31

FDR: $2.374e-05$

Coefficient: $-3.09e+00$

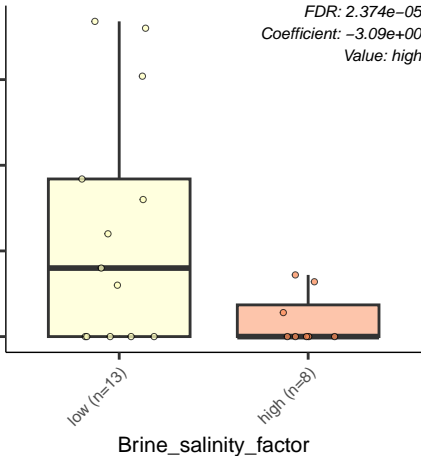
Value: high

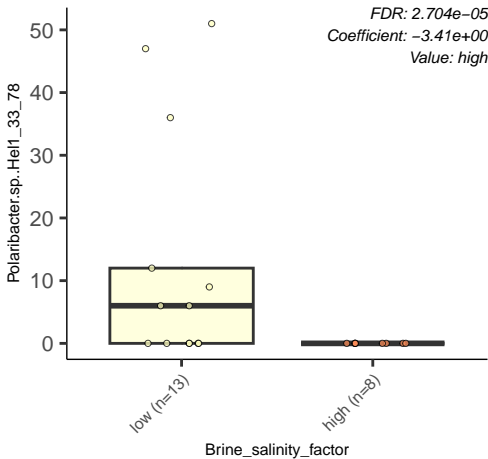
75
50
25
0

low (n=13)

high (n=8)

Brine_salinity_factor





Halanaerobacter.jeridensis

600

400

200

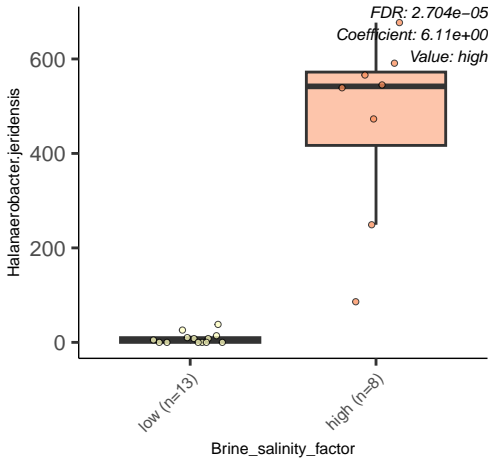
0

low (n=13)

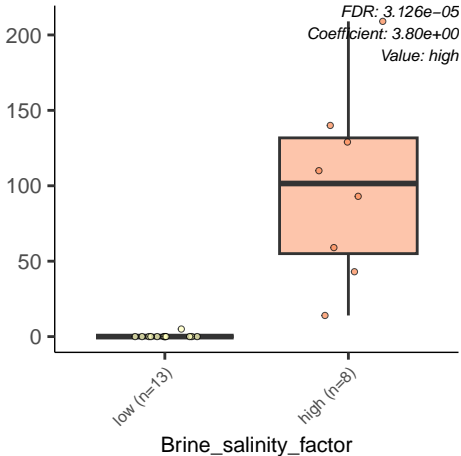
high (n=8)

Brine_salinity_factor

FDR: 2.704e-05
Coefficient: 6.11e+00
Value: high



Halorubrum.sp..TP132



Value: high



Polaribacter.sp..MED152

FDR: 4.359e-05

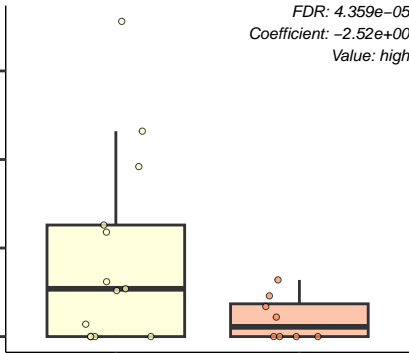
Coefficient: -2.52e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



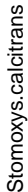
Value: high



low ($n=13$)

high ($n=8$)

Brine_salinity_factor



FDR: 4.759e-05

Coefficient: $-2.21e+00$

Value: high



Brine_salinity_factor

Halorubrum.sp..SP7

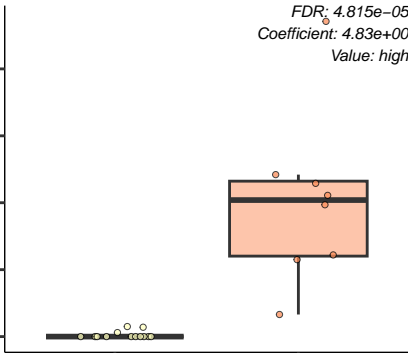
FDR: 4.815e-05
Coefficient: 4.83e+00
Value: high

400
300
200
100
0

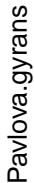
low (n=13)

high (n=8)

Brine_salinity_factor



Value: high



60 -

40 -

20 -

0 -

low ($n=13$)

high ($n=8$)

Brine_salinity_factor

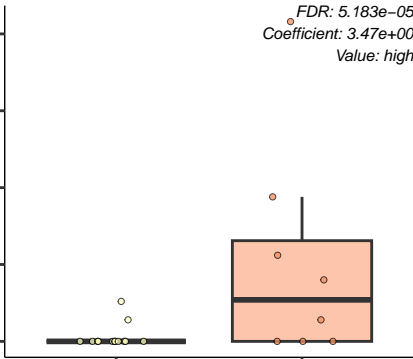
Candidatus.Izimaplasma.sp..HR1

FDR: 5.183e-05
Coefficient: 3.47e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



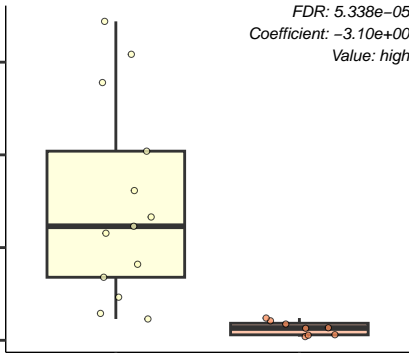
uncultured.eukaryote

FDR: 5.338e-05
Coefficient: -3.10e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



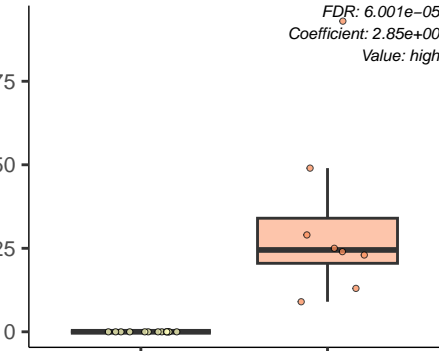
Halohasta.sp.

FDR: $6.001e-05$
Coefficient: $2.85e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



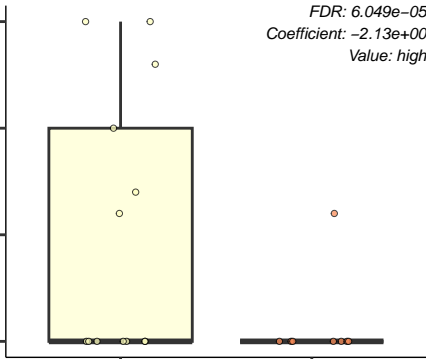
Haptophyta.environmental.samples

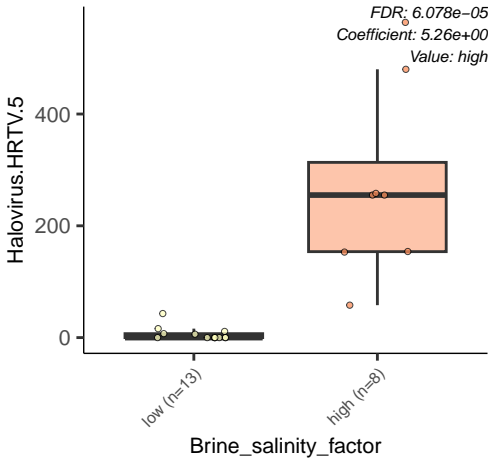
FDR: 6.049e-05
Coefficient: -2.13e+00
Value: high

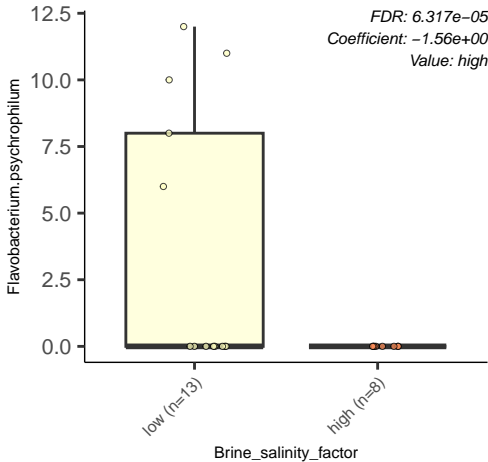
low (n=13)

high (n=8)

Brine_salinity_factor







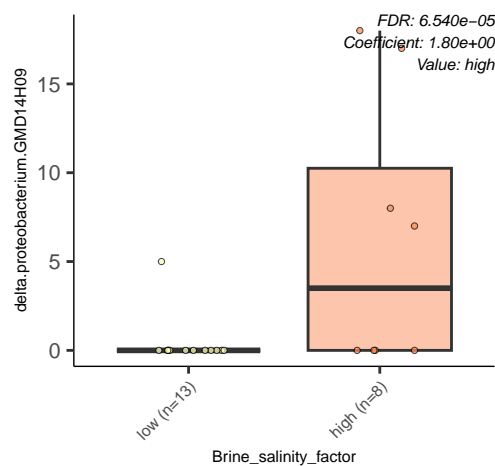
delta.proteobacterium.GMD14H09

FDR: 6.540e-05
Coefficient: 1.80e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Starmarella.bombicola

FDR: 6.576e-05

Coefficient: -1.93e+00

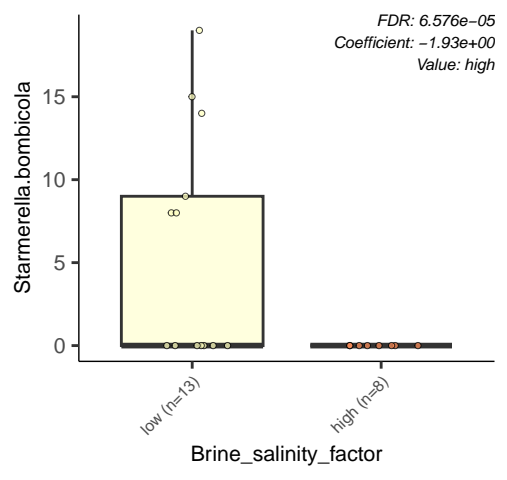
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

15
10
5
0



Halobellus.inordinatus

FDR: 6.995e-05
Coefficient: 3.73e+00
Value: high

90

60

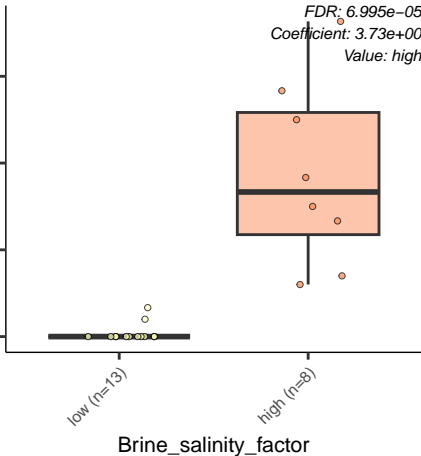
30

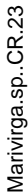
0

low (n=13)

high (n=8)

Brine_salinity_factor





FDR: 7.098e-05

Coefficient: $-2.31e+00$

Value: high



Brine_salinity_factor

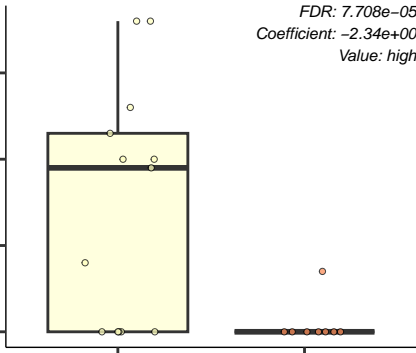
Triparma.laevis

FDR: $7.708e-05$
Coefficient: $-2.34e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



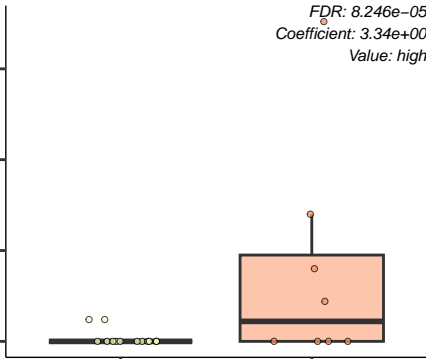
Firmicutes.bacterium.enrichment.culture.clone.fosmid.MGS

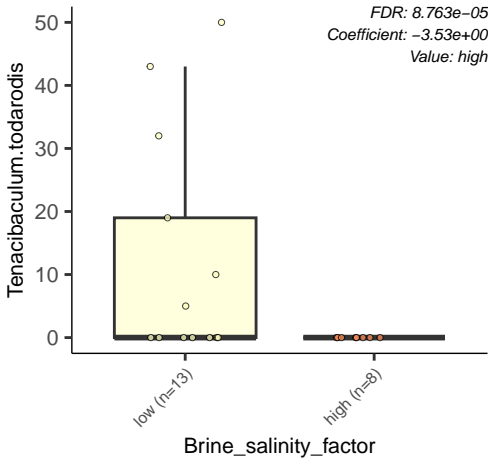
FDR: 8.246e-05
Coefficient: 3.34e+00
Value: high

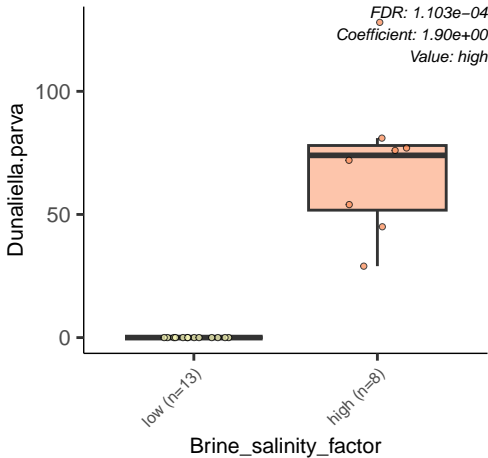
low (n=13)

high (n=8)

Brine_salinity_factor







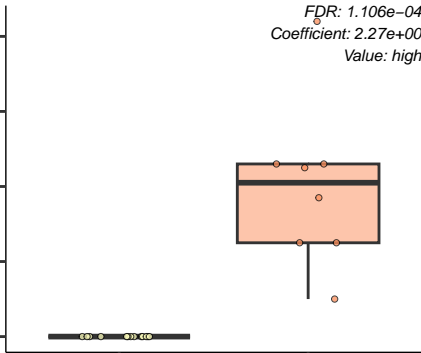
Halorubrum.distributum

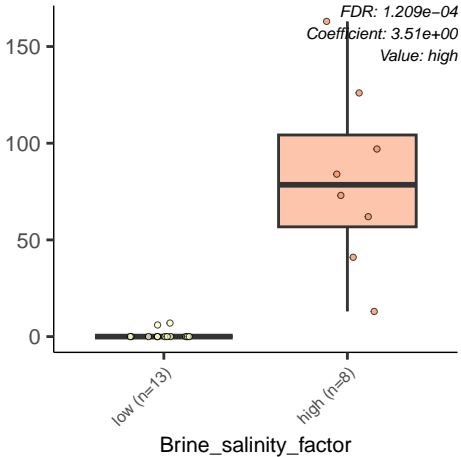
FDR: 1.106e-04
Coefficient: 2.27e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Halorubrum.aquaticum

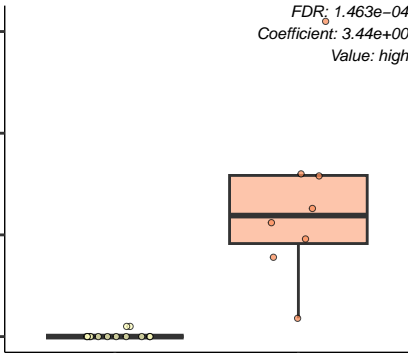
150
100
50
0

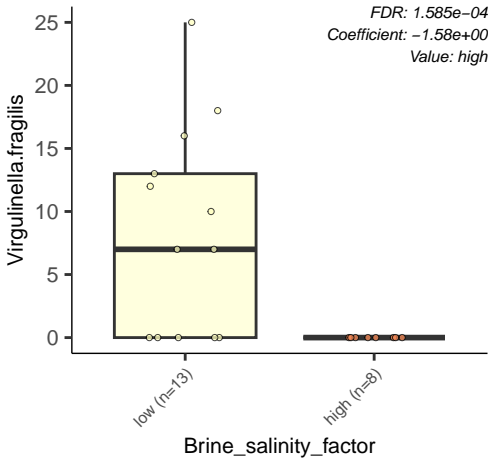
FDR: 1.463e-04
Coefficient: 3.44e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





uncultured.Halanaerobacter.sp.

FDR: 1.617e-04
Coefficient: 2.46e+00
Value: high

30

20

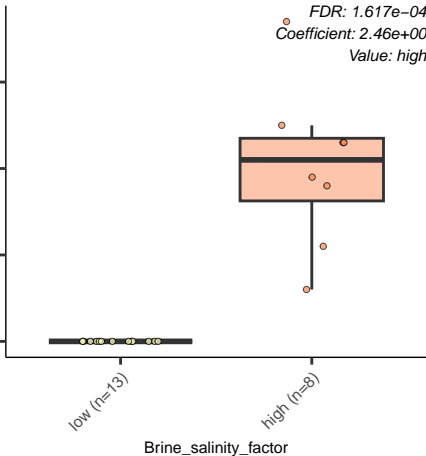
10

0

low (n=13)

high (n=8)

Brine_salinity_factor





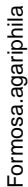
low ($n=13$)

high (n=8)

Brine_salinity_factor

FDR: 1.860e-04
Coefficient: 5.62e+00
Value: high

Value: high



high ($n=8$)

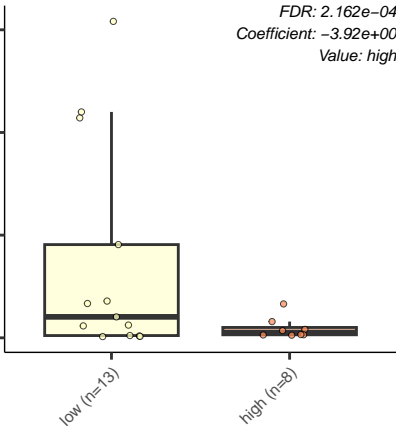
Brine_salinity_factor

Winogradskyella.sp..PG.2

FDR: 2.162e-04

Coefficient: -3.92e+00

Value: high



Brine_salinity_factor

Dokdonia.donghaensis

FDR: 2.219e-04

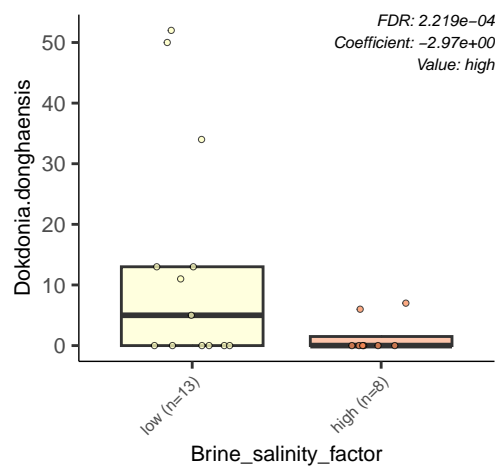
Coefficient: -2.97e+00

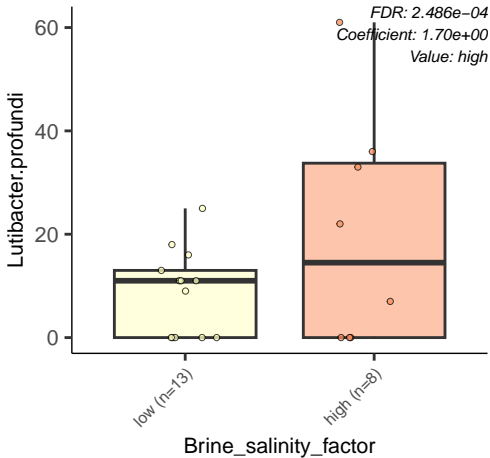
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Halorubrum.coriense

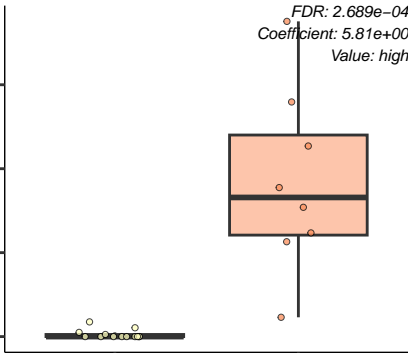
600
400
200
0

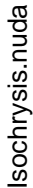
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.689e-04
Coefficient: 5.81e+00
Value: high





FDR: 2.689e-04

Coefficient: $-2.25e+00$

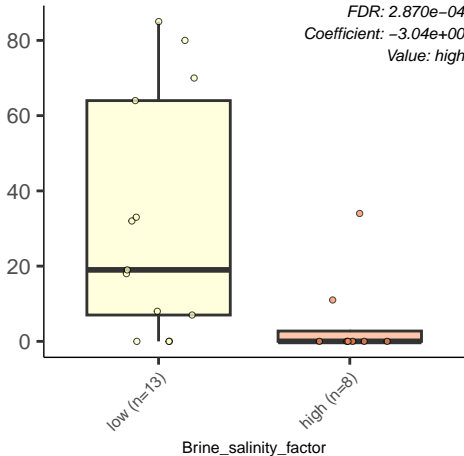
Value: high



Brine_salinity_factor

Polaribacter.reichenbachii

FDR: 2.870e-04
Coefficient: -3.04e+00
Value: high



Halorubrum.saccharovorum

FDR: $2.870e-04$
Coefficient: $3.62e+00$
Value: high

300

200

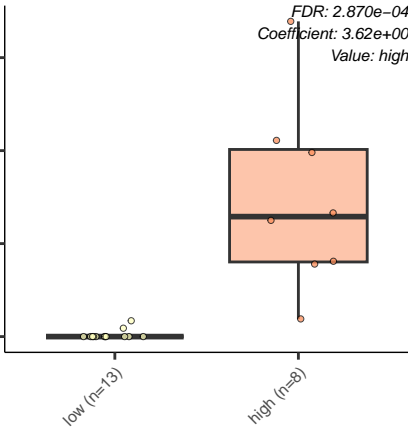
100

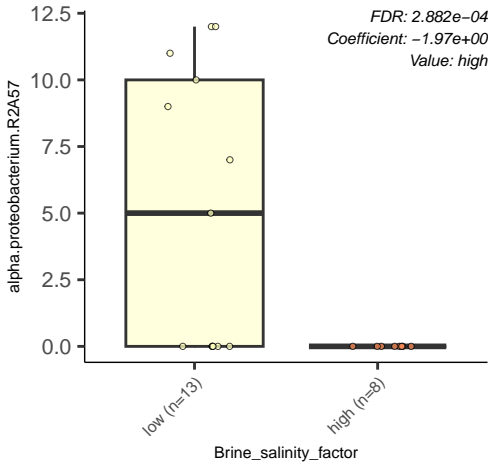
0

low (n=13)

high (n=8)

Brine_salinity_factor





Roseobacter.sp..M1.12

FDR: 2.924e-04
Coefficient: -2.14e+00
Value: high

low (n=13)

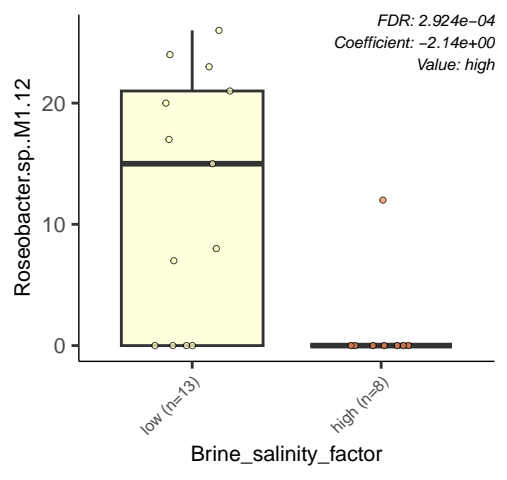
high (n=8)

Brine_salinity_factor

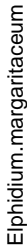
20

10

0



Value: high



low ($n=13$)

high ($n=8$)

Brine_salinity_factor

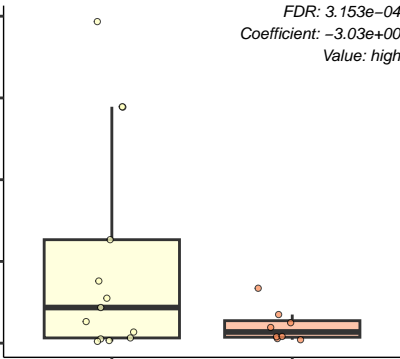
Winogradskyella.sp..RHA_55

FDR: 3.153e-04
Coefficient: -3.03e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halobellus.clavatus

60

40

20

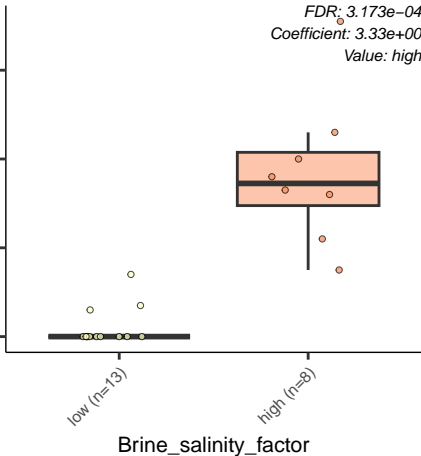
0

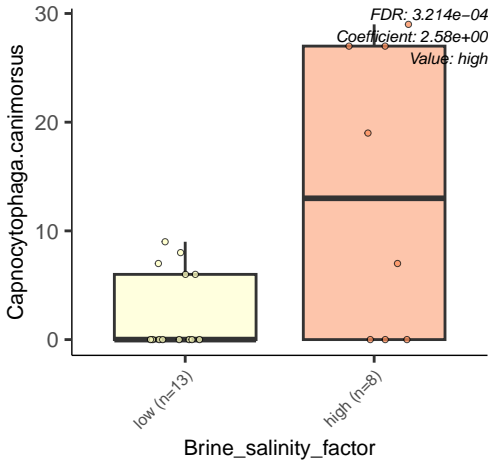
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.173e-04
Coefficient: 3.33e+00
Value: high





Haloferax.praehovense

FDR: 3.463e-04
Coefficient: 1.87e+00
Value: high

150

100

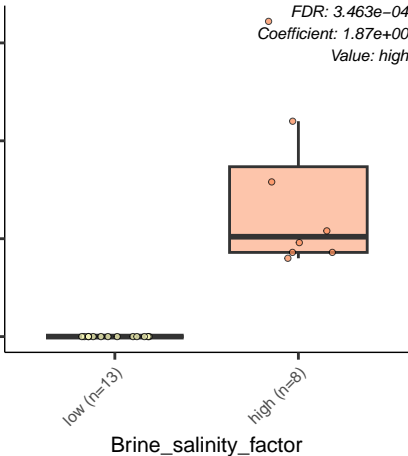
50

0

low (n=13)

high (n=8)

Brine_salinity_factor

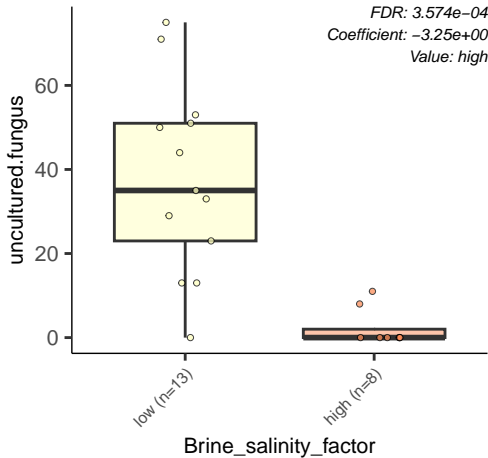


Value: high



high ($n=8$)

Brine_salinity_factor



Kryptoperidinium.foliaceum

FDR: 3.803e-04
Coefficient: -2.45e+00
Value: high

600

400

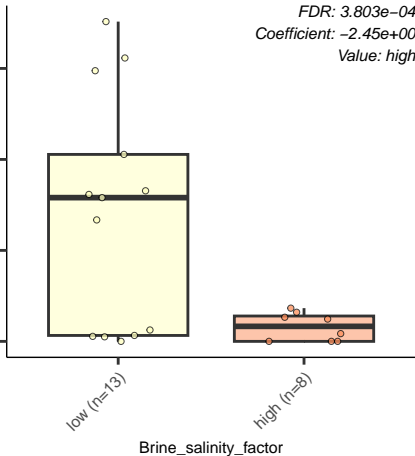
200

0

low (n=13)

high (n=8)

Brine_salinity_factor



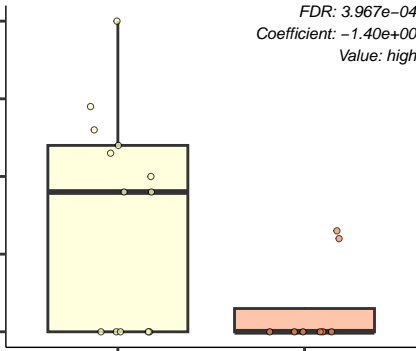
bacterium.FTA50

FDR: 3.967e-04
Coefficient: -1.40e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Polaribacter.sp..ALD11

FDR: $4.457e-04$

Coefficient: $-1.85e+00$

Value: high

10

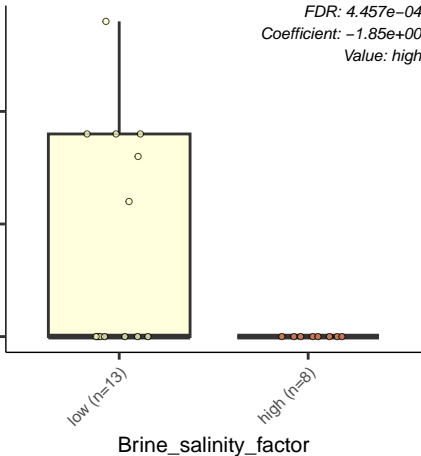
5

0

low (n=13)

high (n=8)

Brine_salinity_factor



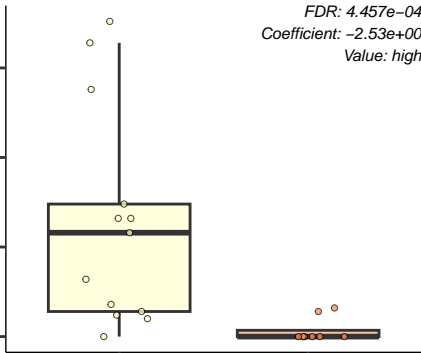
Asterionella.formosa

FDR: $4.457e-04$
Coefficient: $-2.53e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Archaeal.BJ1.virus

200

150

100

50

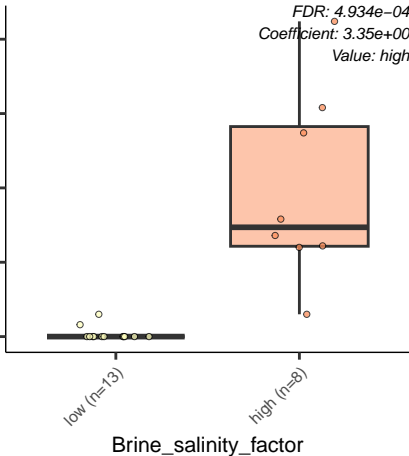
0

low (n=13)

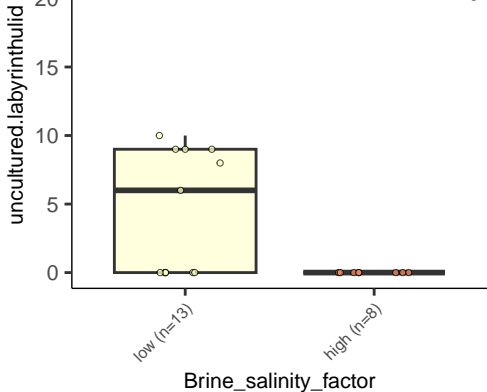
high (n=8)

Brine_salinity_factor

FDR: $4.934e-04$
Coefficient: $3.35e+00$
Value: high



Value: high



Phormidium.sp..LEGE.11384

40

20

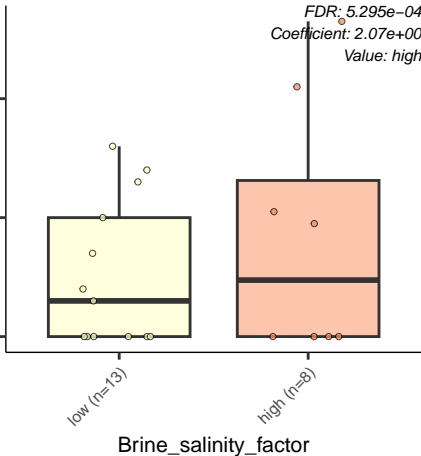
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 5.295e-04
Coefficient: 2.07e+00
Value: high



Halorubrum.terrestre

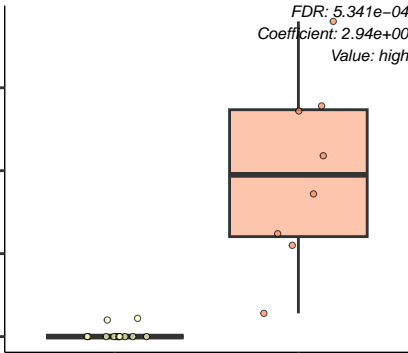
150
100
50
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 5.341e-04
Coefficient: 2.94e+00
Value: high



Cellulophaga.baltica

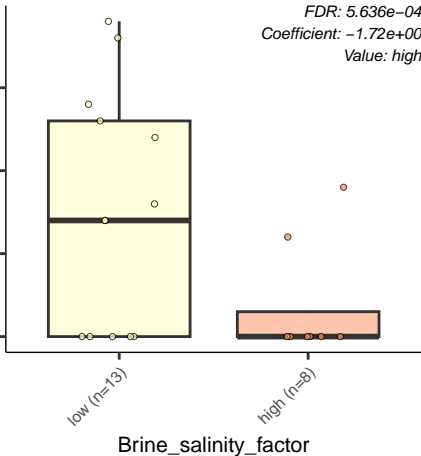
FDR: 5.636e-04
Coefficient: -1.72e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

15
10
5
0



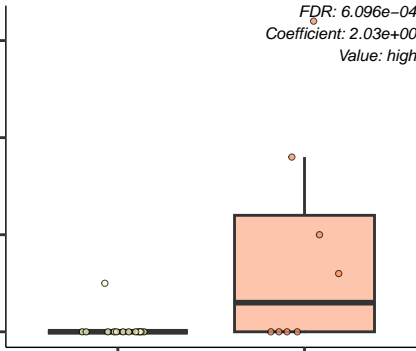
Fabrea.salina

FDR: 6.096e-04
Coefficient: 2.03e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.sp..TP060

100

50

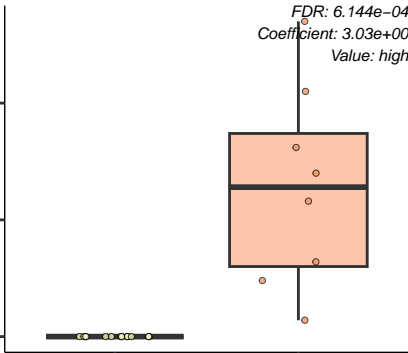
0

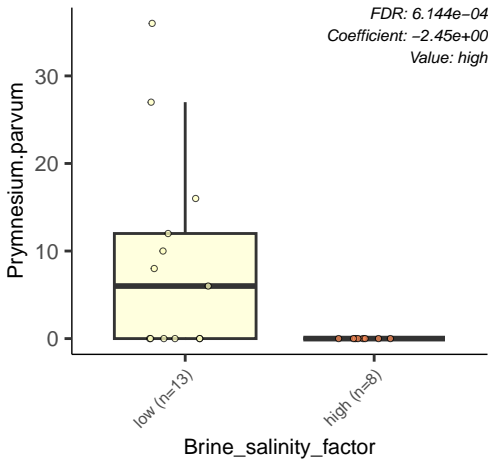
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 6.144e-04
Coefficient: 3.03e+00
Value: high





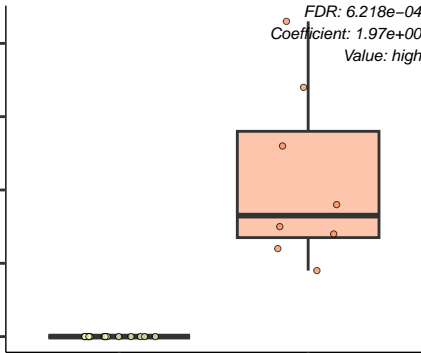
Halogeometricum.limi

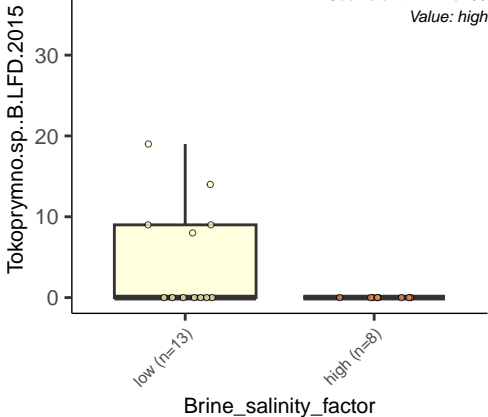
FDR: 6.218e-04
Coefficient: 1.97e+00
Value: high

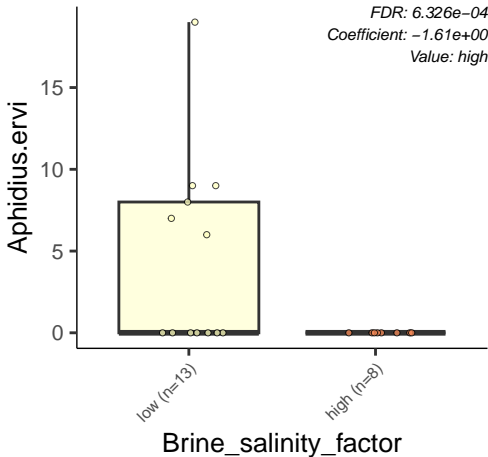
low (n=13)

high (n=8)

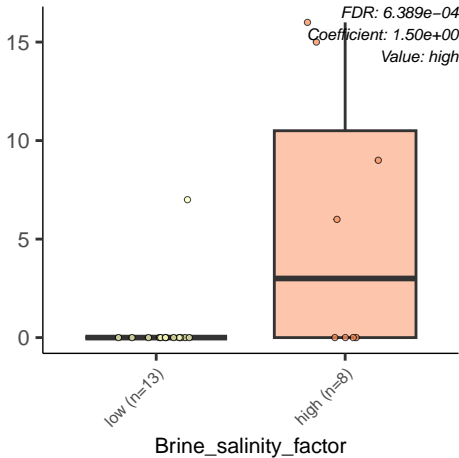
Brine_salinity_factor







Porphyrabacter.sanguineus



Calditerrivibrio.nitroreducens

FDR: 6.563e-04
Coefficient: 2.81e+00
Value: high

30

20

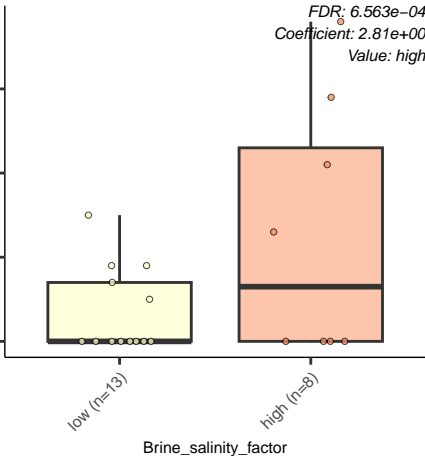
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.lacusprofundi

FDR: 6.993e-04
Coefficient: 6.20e+00
Value: high

60000

40000

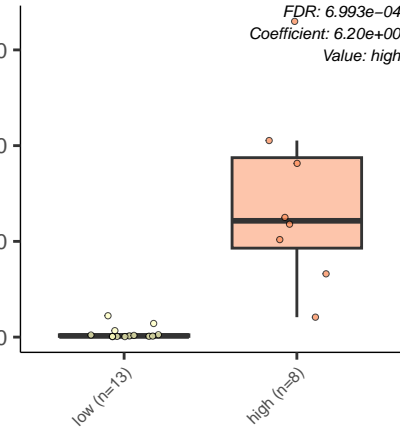
20000

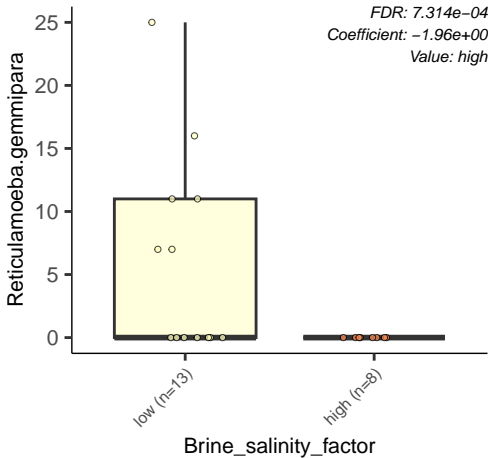
0

low (n=13)

high (n=8)

Brine_salinity_factor





Pseudodesulfobrio.piezophilus

40

20

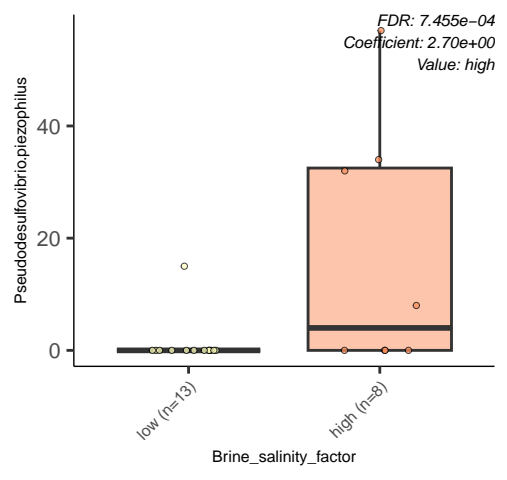
0

low (n=13)

high (n=8)

Brine_salinity_factor

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



uncultured.Halobacteria.archaeon

FDR: $7.509e-04$
Coefficient: $5.12e+00$
Value: high

400

300

200

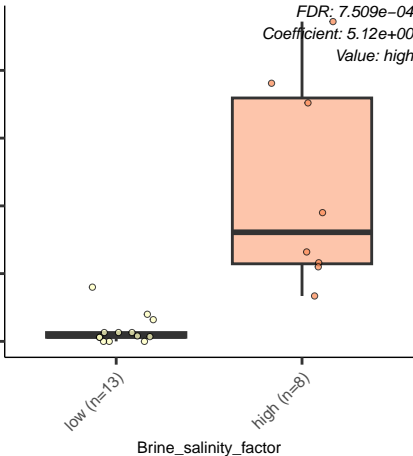
100

0

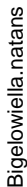
low (n=13)

high (n=8)

Brine_salinity_factor



Value: high



low ($n=13$)

high ($n=8$)

Brine_salinity_factor

Isochrysis.galbana

FDR: 8.006e-04

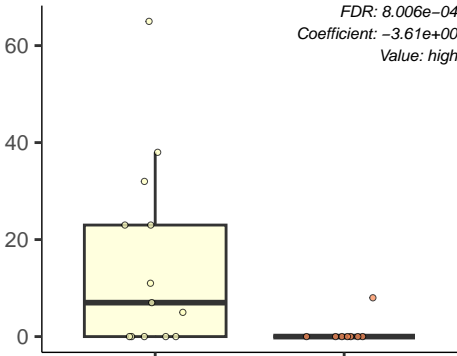
Coefficient: -3.61e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Phormidium.sp..IFBC.Pho05

40

20

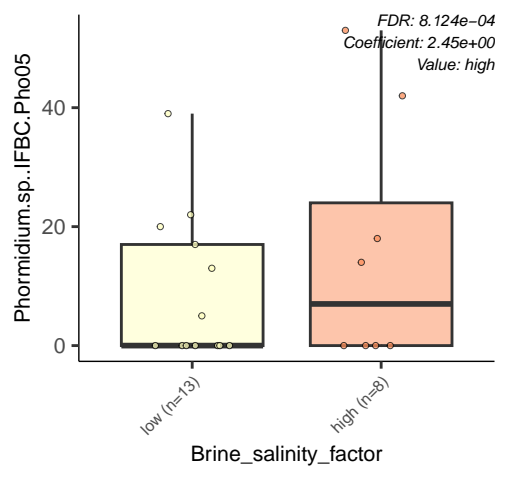
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $8.124e-04$
Coefficient: $2.45e+00$
Value: high



Haemonchus.placei

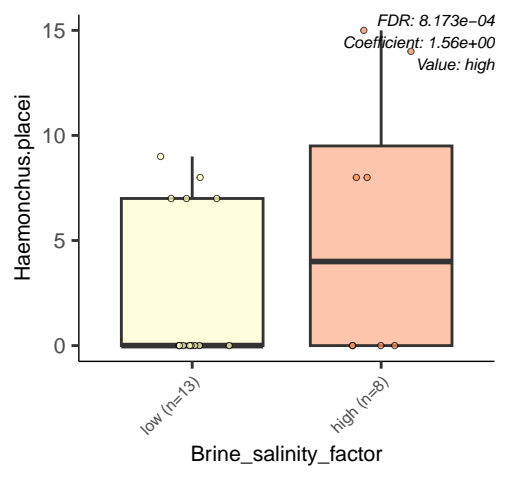
15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $8.173e-04$
Coefficient: $1.56e+00$
Value: high



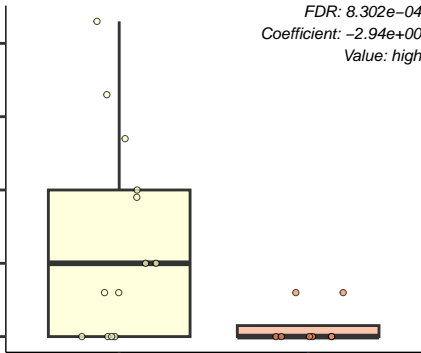
Lacinutrix.venerupis

FDR: 8.302e-04
Coefficient: -2.94e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



uncultured.marine.bacterium

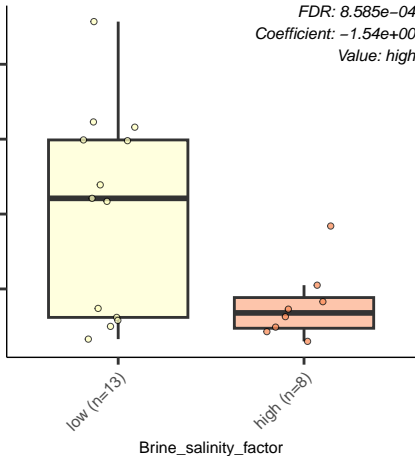
FDR: 8.585e-04
Coefficient: -1.54e+00
Value: high

400
300
200
100

low (n=13)

high (n=8)

Brine_salinity_factor



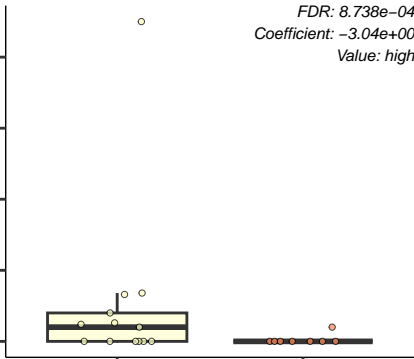
unidentified.marine.bacterioplankton

FDR: 8.738e-04
Coefficient: -3.04e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.sp..TP0009

1500

1000

500

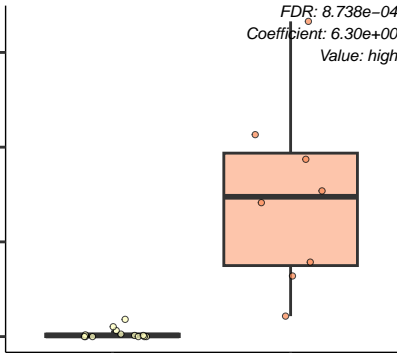
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $8.738e-04$
Coefficient: $6.30e+00$
Value: high



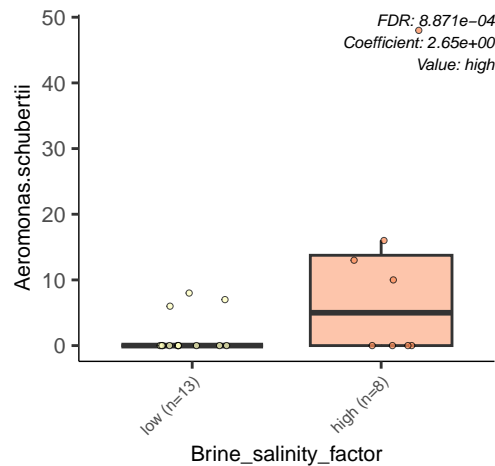
Aeromonas.schubertii

FDR: 8.871e-04
Coefficient: 2.65e+00
Value: high

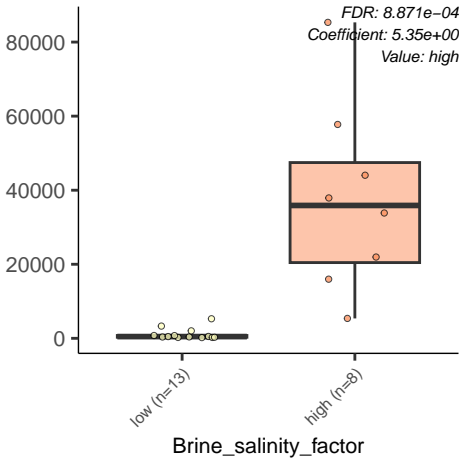
low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.trapanicum



Bacteroidales.bacterium.CF

30

20

10

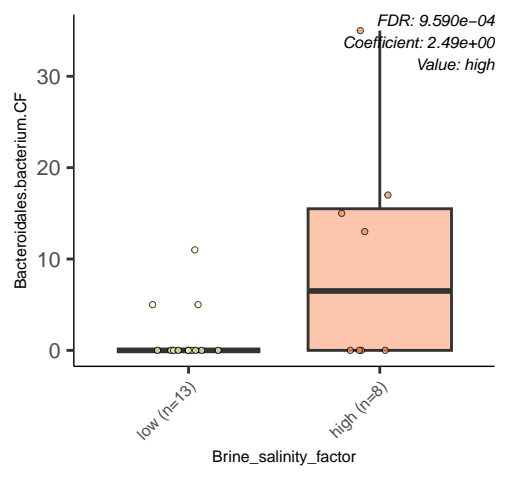
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $9.590e-04$
Coefficient: $2.49e+00$
Value: high



Halorubrum.sodomense

60

40

20

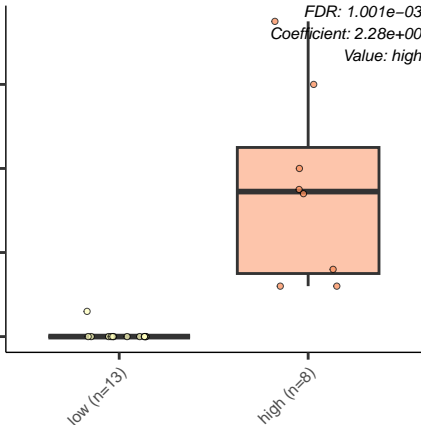
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.001e-03
Coefficient: 2.28e+00
Value: high



Dokdonia.sp..MED134

FDR: 1.033e-03

Coefficient: -2.12e+00

Value: high

60

40

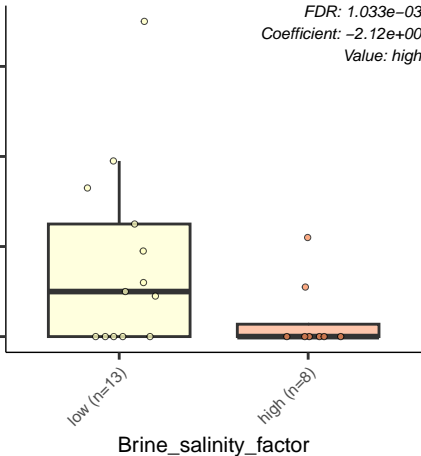
20

0

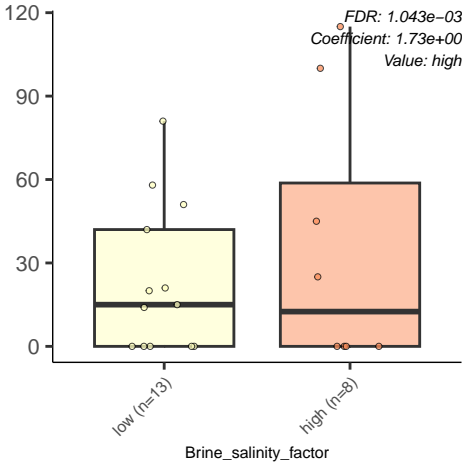
low (n=13)

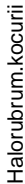
high (n=8)

Brine_salinity_factor



Pseudanabaena.sp..PCC.9015





low ($n=13$)

high (n=8)

Brine_salinity_factor

FDR: 1.051e-03
Coefficient: 3.37e+00
Value: high

Lutibacter.sp..LPB0138

200

150

100

50

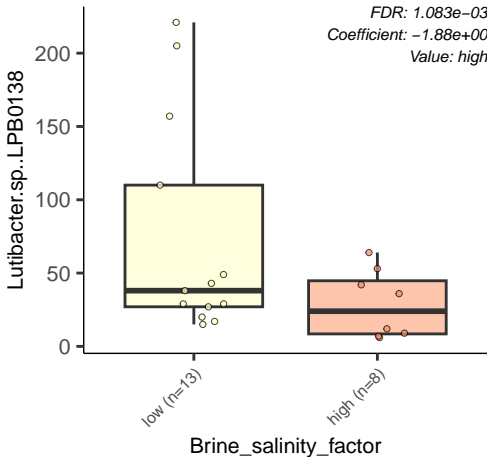
0

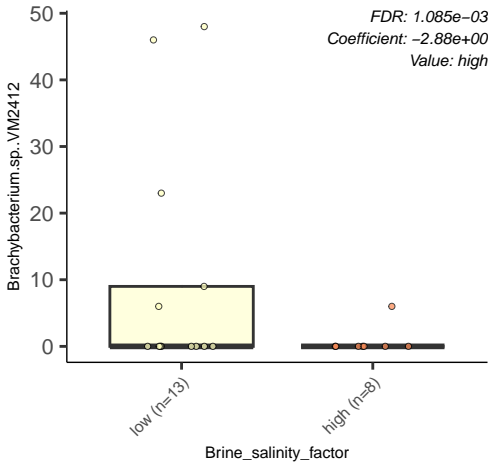
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $1.083e-03$
Coefficient: $-1.88e+00$
Value: high





Phytophthora.sojae

FDR: 1.085e-03

Coefficient: -1.50e+00

Value: high

15

10

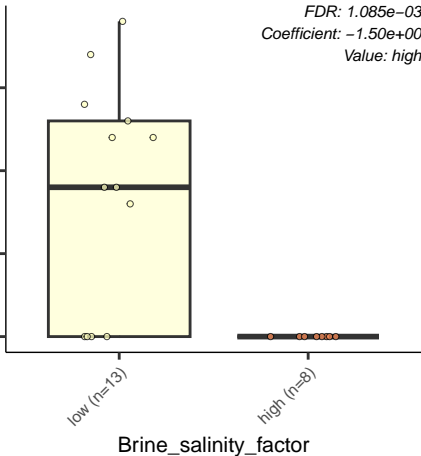
5

0

low (n=13)

high (n=8)

Brine_salinity_factor



Berkeleya.fennica

FDR: 1.188e-03

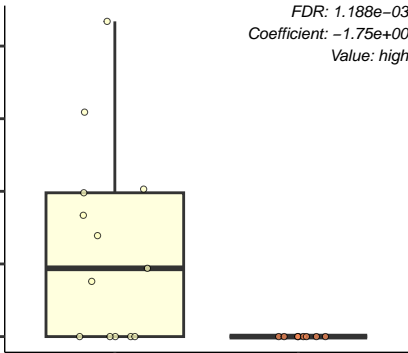
Coefficient: -1.75e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



uncultured.phototrophic.eukaryote

FDR: 1.271e-03
Coefficient: -2.70e+00
Value: high

100

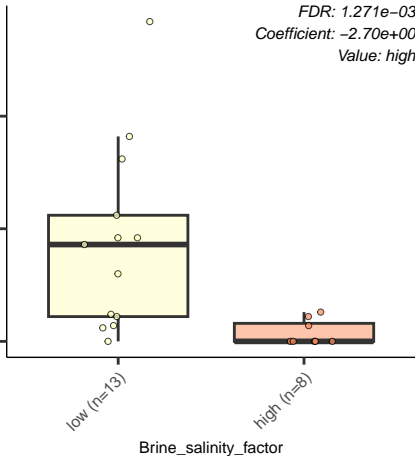
50

0

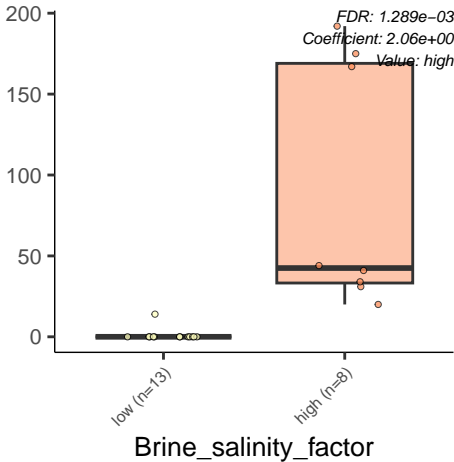
low (n=13)

high (n=8)

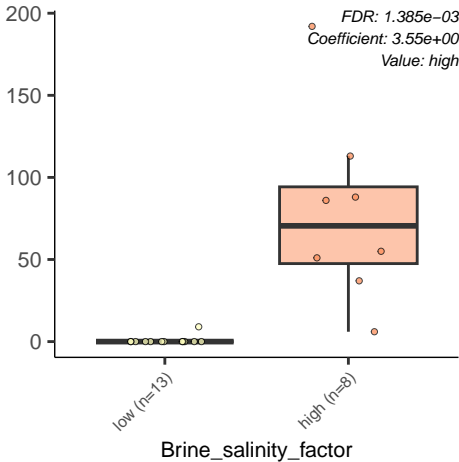
Brine_salinity_factor



Halapricum.sp.



Halorubrum.sp..SP9



Candidatus.Paracaedimonas.acanthamoebae

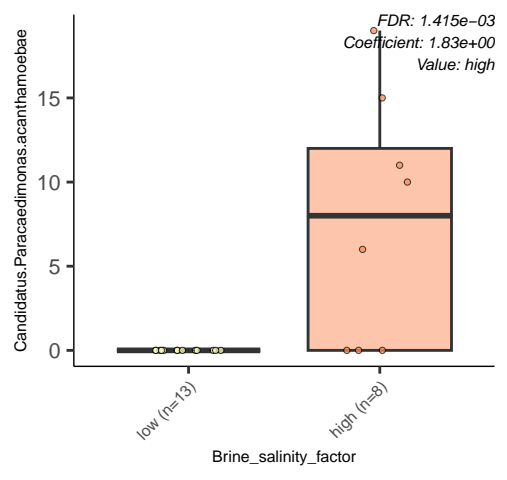
15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.415×10^{-3}
Coefficient: 1.83×10^0
Value: high



Rhizosolenia.setigera

FDR: 1.473e-03

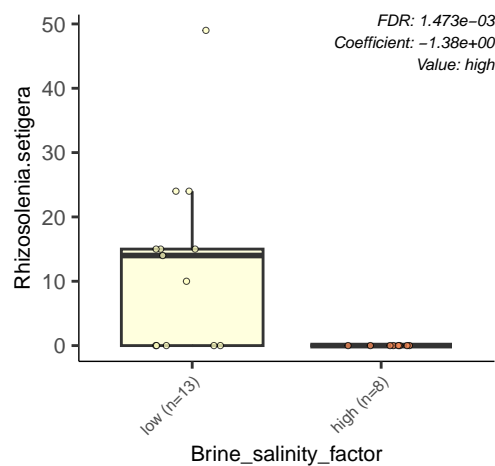
Coefficient: -1.38e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Desulfuromonas.acetoxidans

60

40

20

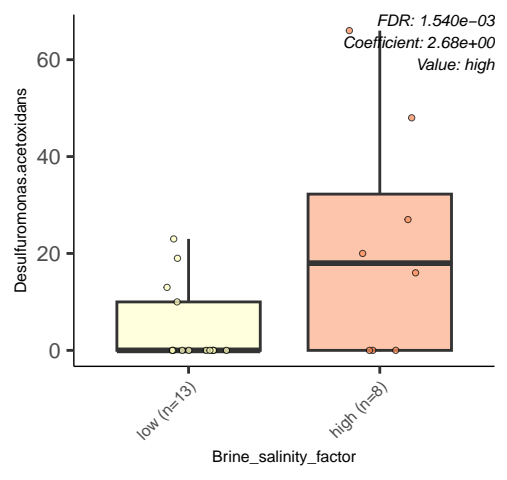
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.540e-03
Coefficient: 2.68e+00
Value: high



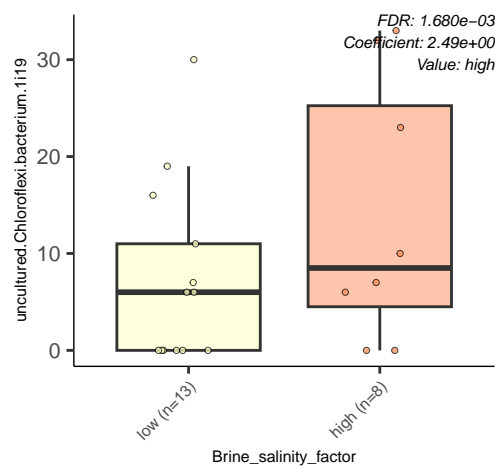
uncultured.Chloroflexi.bacterium.1i19

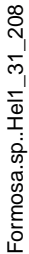
FDR: 1.680e-03
Coefficient: 2.49e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





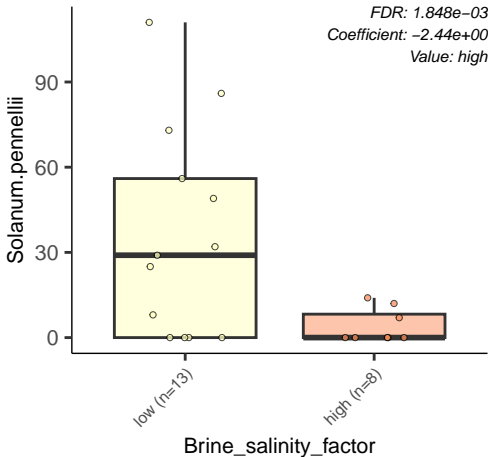
FDR: 1.698e-03

Coefficient: $-2.97e+00$

Value: high

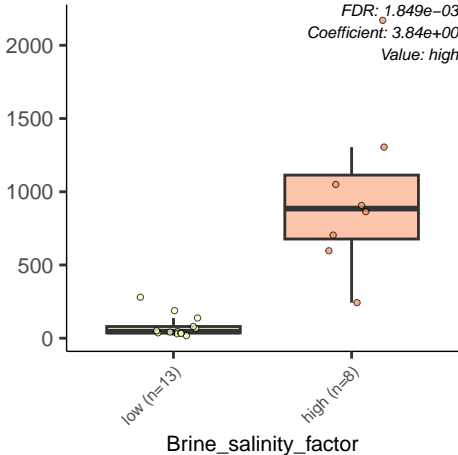


Brine_salinity_factor



Haloferax.gibbonsii

FDR: 1.849e-03
Coefficient: 3.84e+00
Value: high



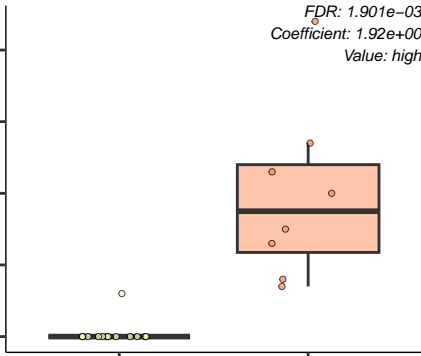
Halorubrum.orientale

FDR: 1.901e-03
Coefficient: 1.92e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Pseudo.nitzschia.arctica

FDR: 2.001e-03

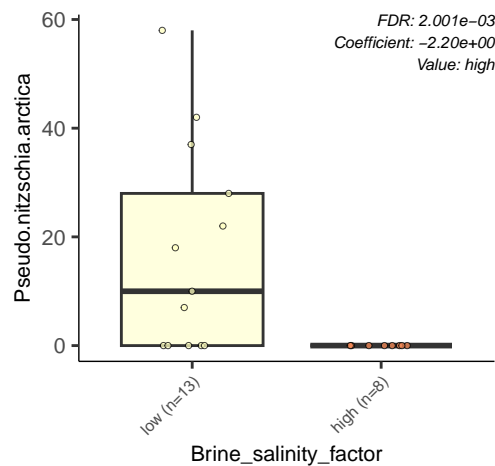
Coefficient: -2.20e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



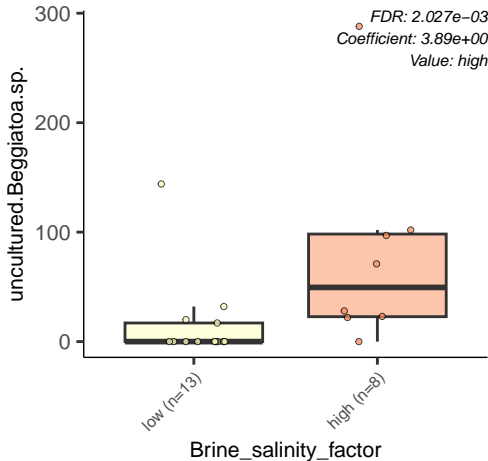
uncultured.Beggiatoa.sp.

FDR: 2.027e-03
Coefficient: 3.89e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



uncultured.alga

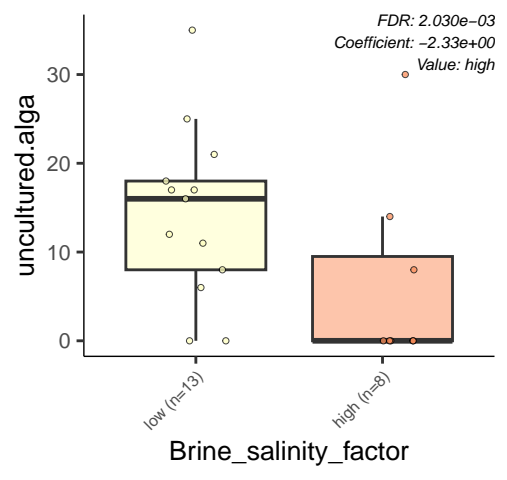
FDR: 2.030e-03
Coefficient: -2.33e+00
Value: high

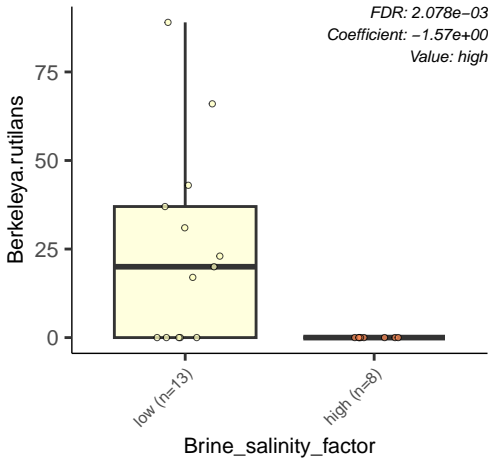
low (n=13)

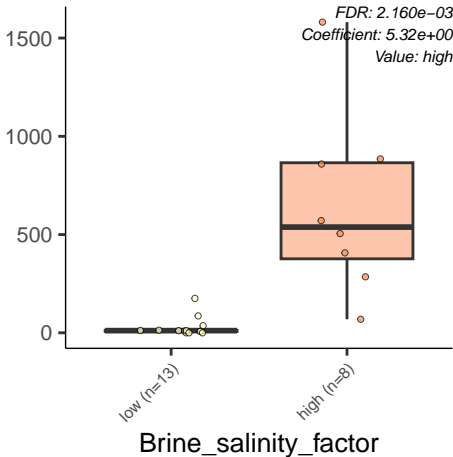
high (n=8)

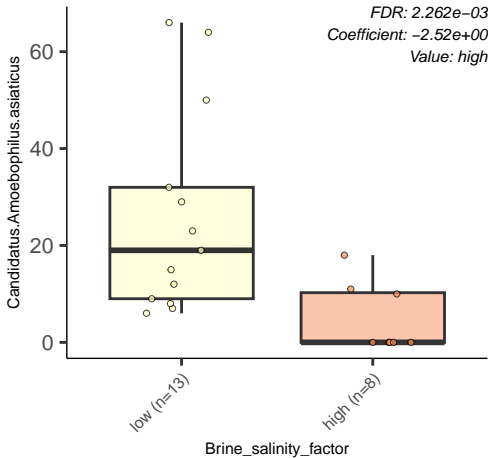
Brine_salinity_factor

30
20
10
0









Dunaliella.tertiolecta

100

50

0

low (n=13)

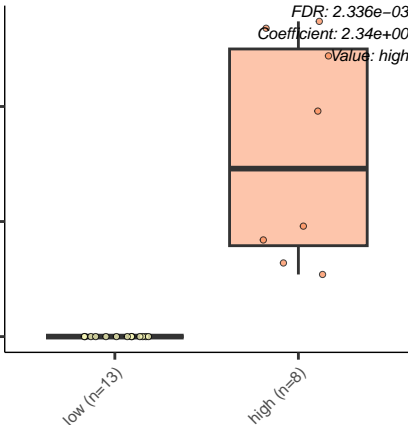
high (n=8)

Brine_salinity_factor

FDR: 2.336e-03

Coefficient: 2.34e+00

Value: high



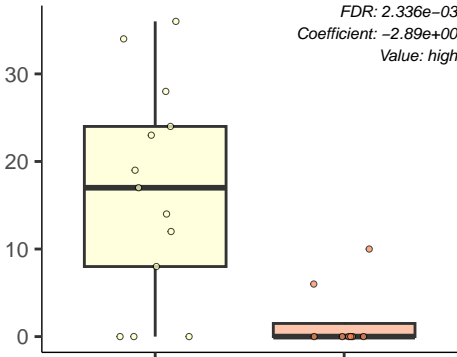
uncultured.stramenopile

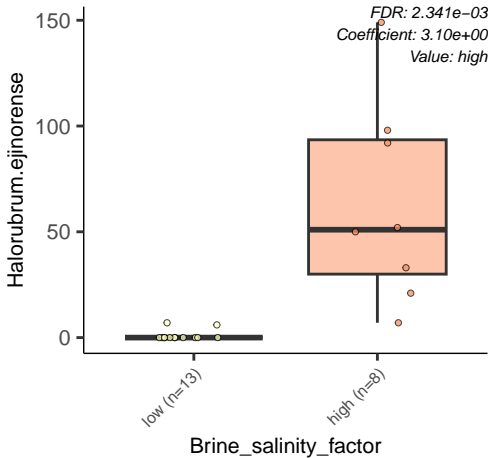
FDR: 2.336e-03
Coefficient: -2.89e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Rhodovulum.sp..WDS2C4

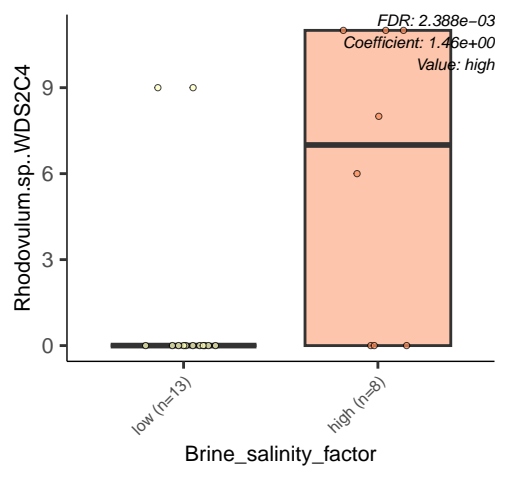
9
6
3
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.388e-03
Coefficient: 1.46e+00
Value: high



Value: high



low ($n=13$)

high (n=8)

Brine_salinity_factor

uncultured.Pelobacter.sp.

FDR: 2.528e-03
Coefficient: 2.22e+00
Value: high

20

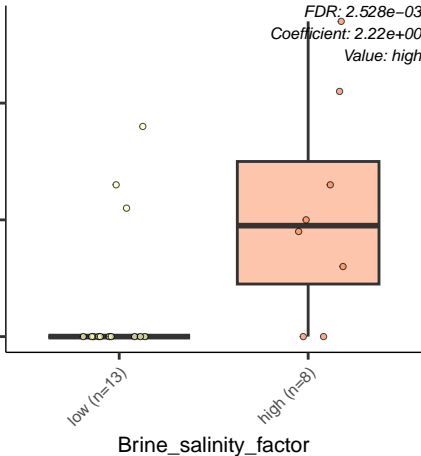
10

0

low (n=13)

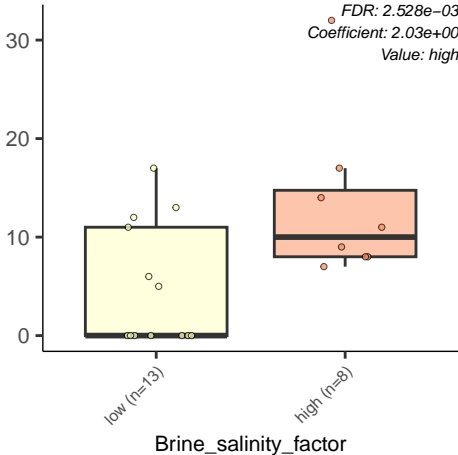
high (n=8)

Brine_salinity_factor



Frankia.casuarinae

FDR: 2.528e-03
Coefficient: 2.03e+00
Value: high



Prosthecochloris.sp..HL.130.GSB

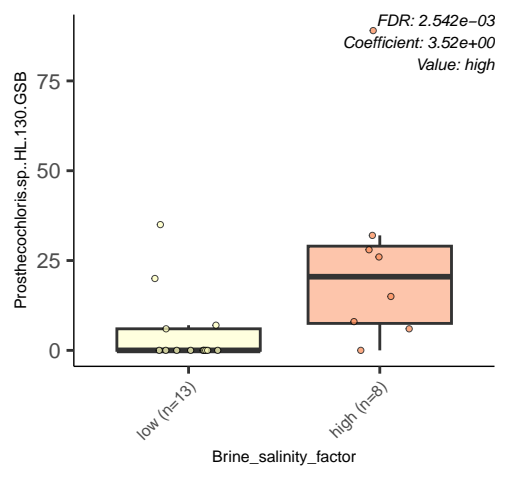
FDR: 2.542e-03
Coefficient: 3.52e+00
Value: high

75
50
25
0

low (n=13)

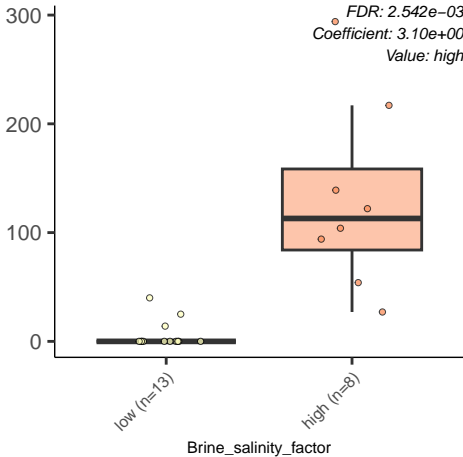
high (n=8)

Brine_salinity_factor



uncultured.Halobacteriales.archaeon

FDR: 2.542e-03
Coefficient: 3.10e+00
Value: high



Porphyrobacter.neustonensis

100

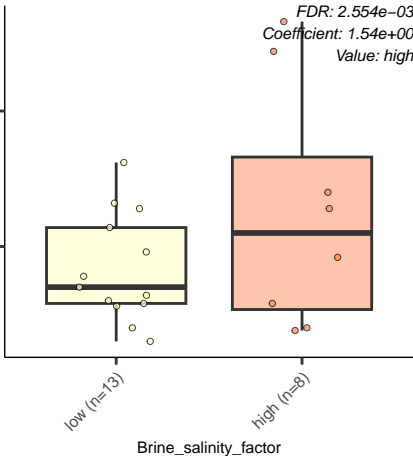
50

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.554e-03
Coefficient: 1.54e+00
Value: high



Polaribacter.sp..KT.15

FDR: 2.587e-03

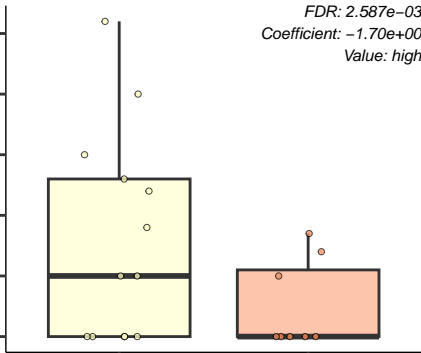
Coefficient: -1.70e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halobacteriaceae.archaeon.SY.39

150

100

50

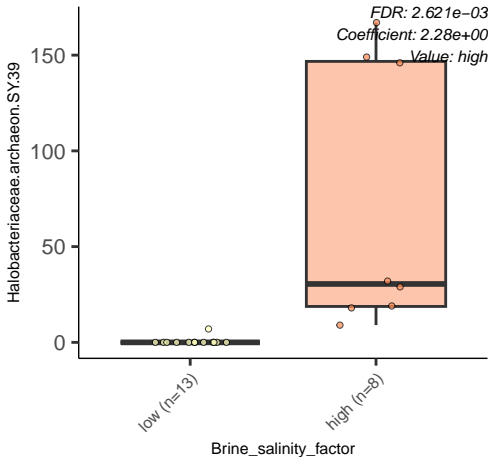
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.621e-03
Coefficient: 2.28e+00
Value: high



Sulfitobacter.sp..AM1.D1

FDR: 2.695e-03

Coefficient: -1.23e+00

Value: high

1500

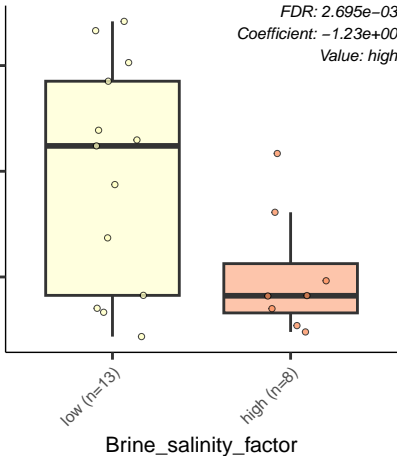
1000

500

low (n=13)

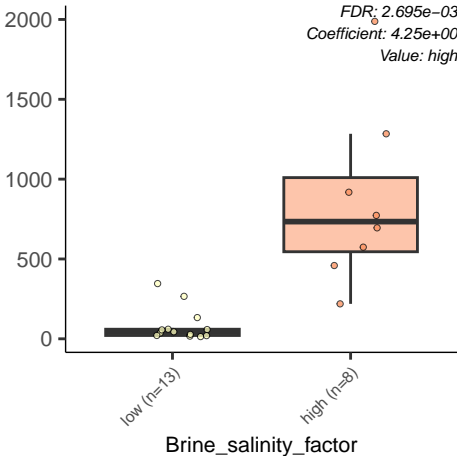
high (n=8)

Brine_salinity_factor



Halomicrobium.mukohataei

FDR: 2.695e-03
Coefficient: 4.25e+00
Value: high



Lithodesmium.undulatum

FDR: 2.704e-03

Coefficient: -2.05e+00

Value: high

90

60

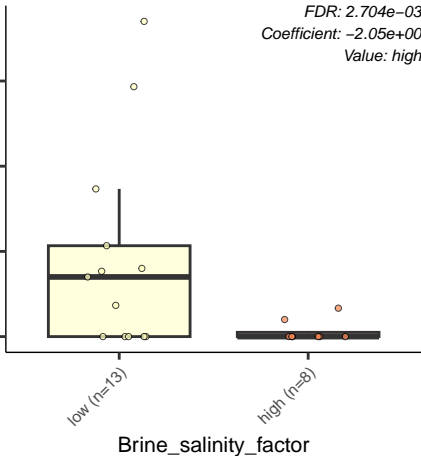
30

0

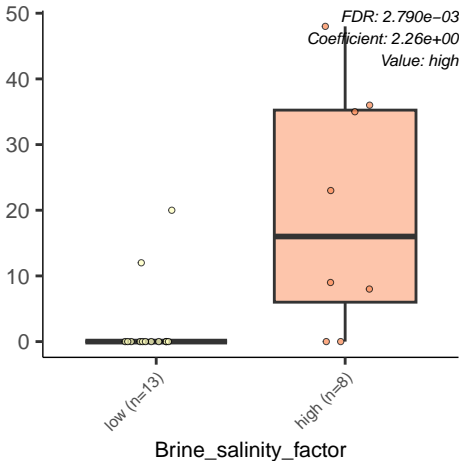
low (n=13)

high (n=8)

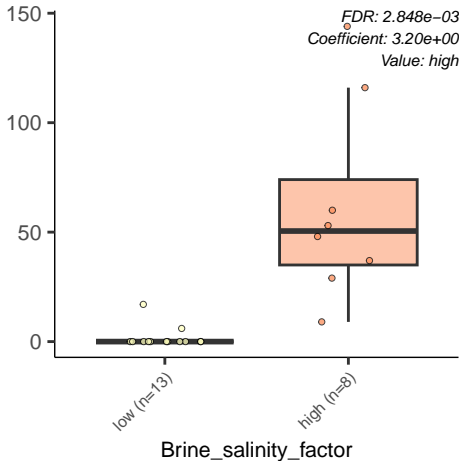
Brine_salinity_factor



Gracilimonas.sp..HME9591



Halorubrum.aidingense



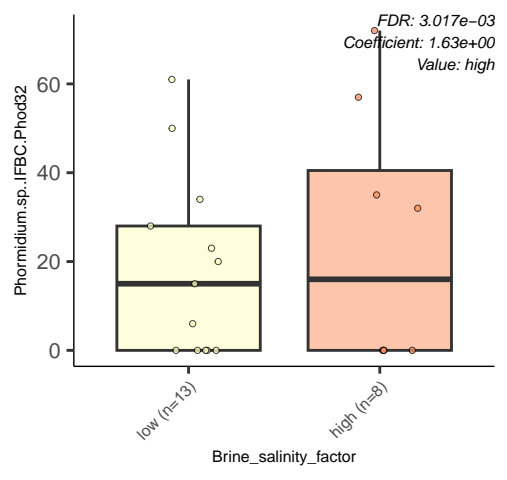
Phormidium.sp..IFBC.Phod32

FDR: 3.017e-03
Coefficient: 1.63e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



uncultured.prymnesiophyte.C5574

FDR: 3.104e-03
Coefficient: -1.69e+00
Value: high

10

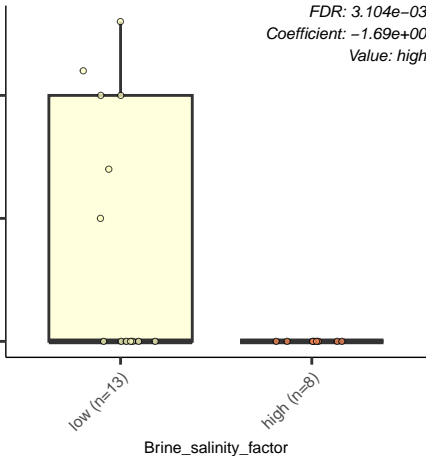
5

0

low (n=13)

high (n=8)

Brine_salinity_factor



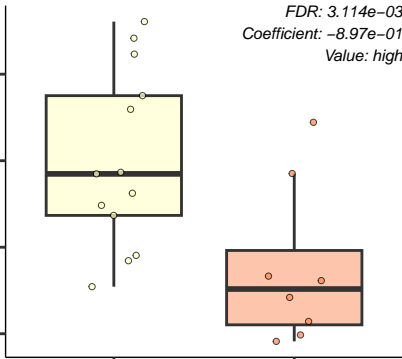
Celeribacter.manganoxidans

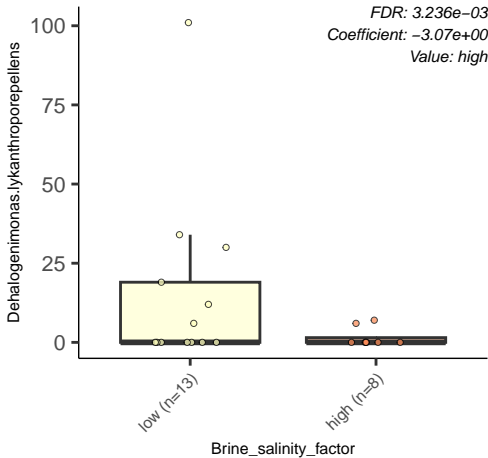
FDR: 3.114e-03
Coefficient: -8.97e-01
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Cricotopus.sp..1.SRM.2010

FDR: 3.246e-03

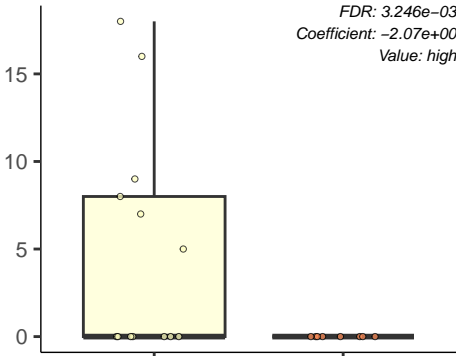
Coefficient: -2.07e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Polaribacter.sp..BM10

FDR: 3.249e-03

Coefficient: -1.24e+00

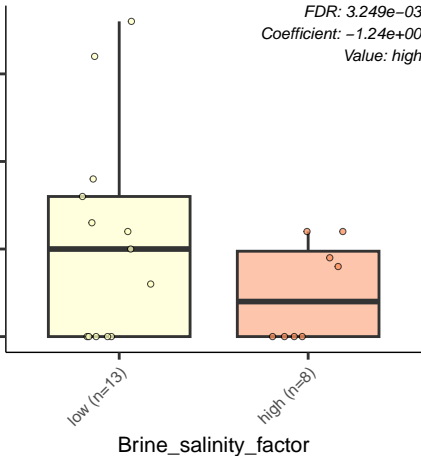
Value: high

30
20
10
0

low (n=13)

high (n=8)

Brine_salinity_factor



Olleya.sp..Bg11.27

FDR: 3.271e-03

Coefficient: -2.52e+00

Value: high

90

60

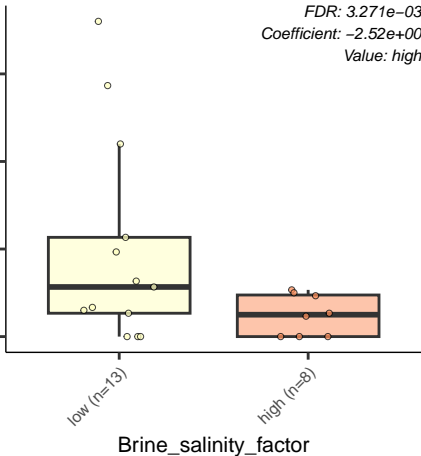
30

0

low (n=13)

high (n=8)

Brine_salinity_factor



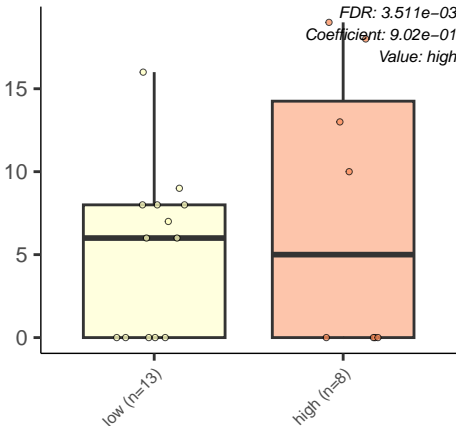
Rufibacter.sp..DG31D

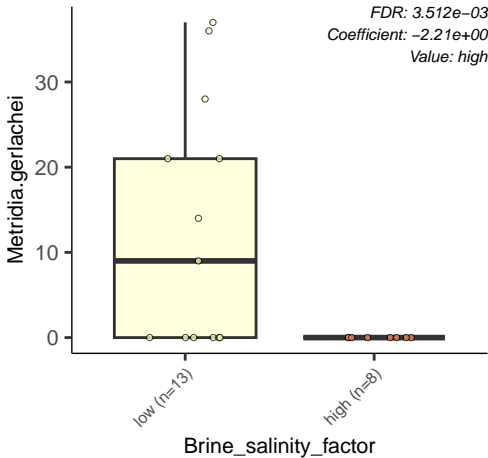
FDR: $3.511e-03$
Coefficient: $9.02e-01$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Acricotopus.lucens

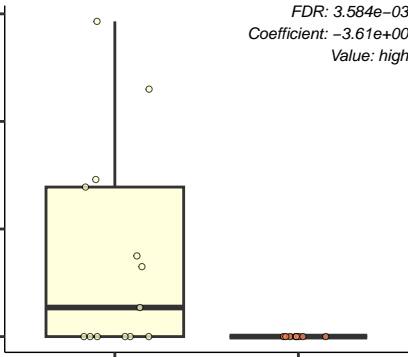
300
200
100
0

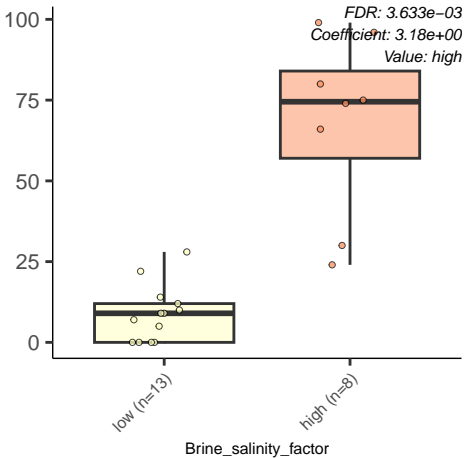
FDR: 3.584e-03
Coefficient: -3.61e+00
Value: high

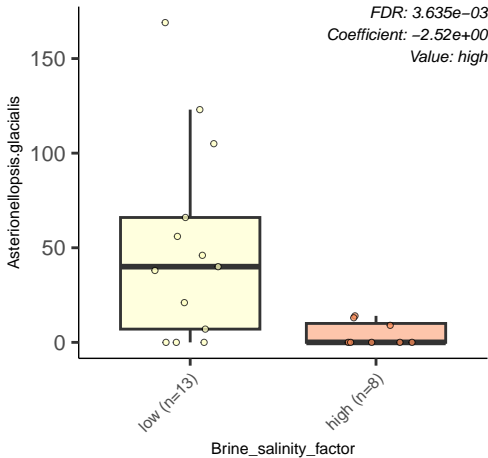
low (n=13)

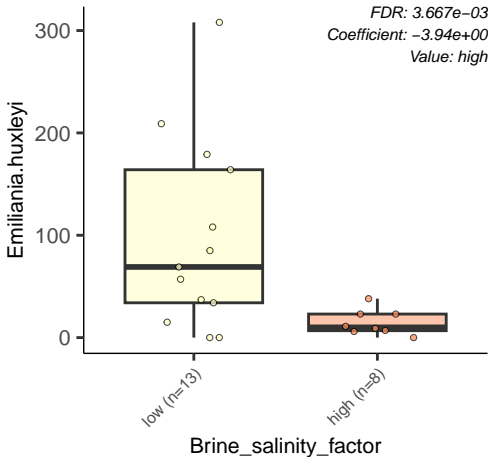
high (n=8)

Brine_salinity_factor









Value: high



Halobacterium.hubeiense

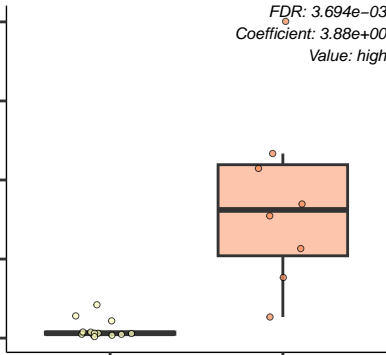
10000
7500
5000
2500
0

FDR: 3.694e-03
Coefficient: 3.88e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



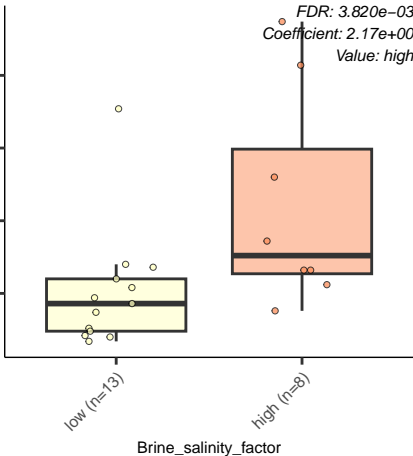
Spingopyxis.macrogoltabida

FDR: 3.820e-03
Coefficient: 2.17e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halomicroarcula.pellucida

FDR: 3.950e-03
Coefficient: 3.83e+00
Value: high

200

150

100

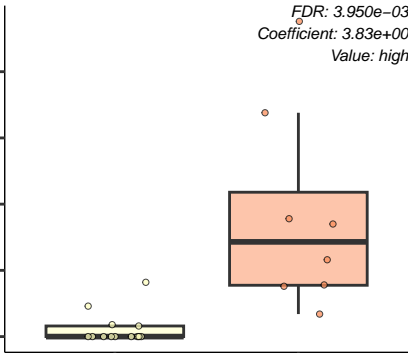
50

0

low (n=13)

high (n=8)

Brine_salinity_factor



Pelobacter.carbinolicus

60

40

20

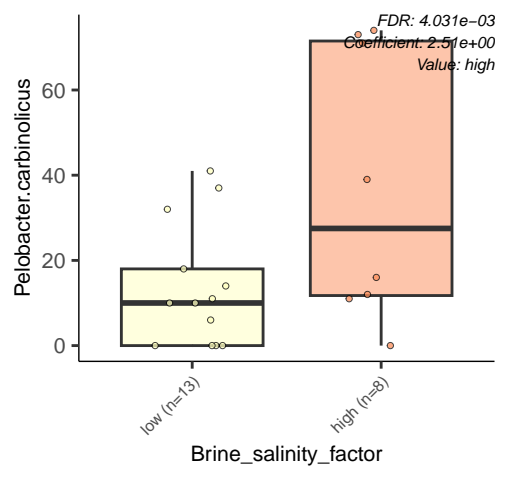
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $4.031e-03$
Coefficient: $2.51e+00$
Value: high



bacterium.YC.ZSS.LKJ42

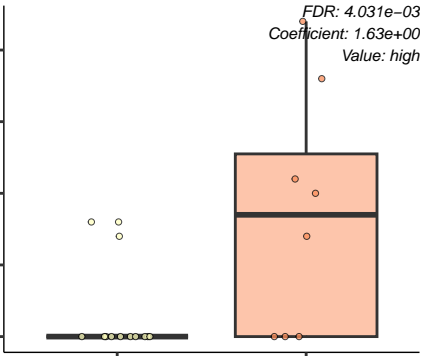
20
15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 4.031e-03
Coefficient: 1.63e+00
Value: high



Value: high



high (n=8)

Brine_salinity_factor

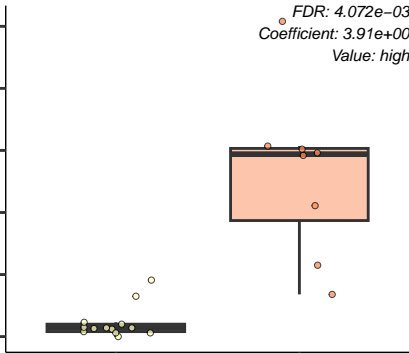
Halalkalicoccus.jeotgali

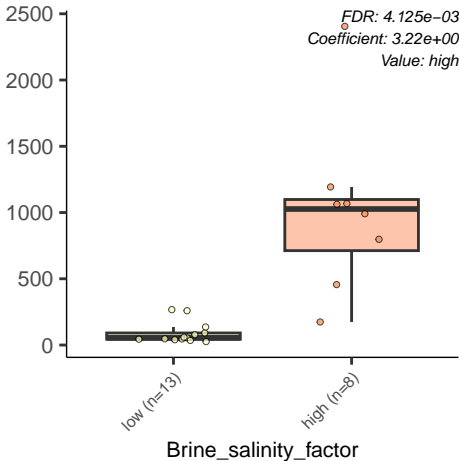
FDR: 4.072e-03
Coefficient: 3.91e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Ruegeria.sp..PR1b

FDR: $4.147e-03$

Coefficient: $-1.79e+00$

Value: high

600

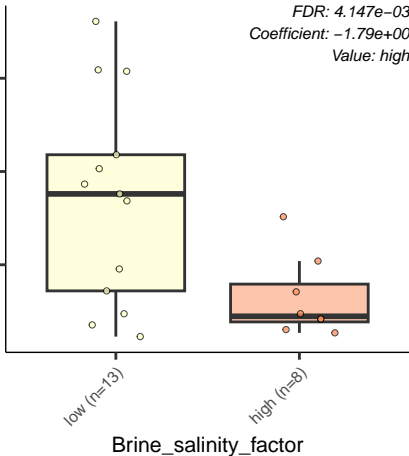
400

200

low (n=13)

high (n=8)

Brine_salinity_factor

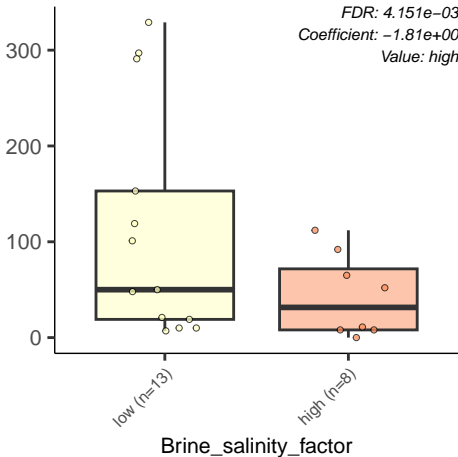


Winogradskyella.sp..PC.19

FDR: 4.151e-03

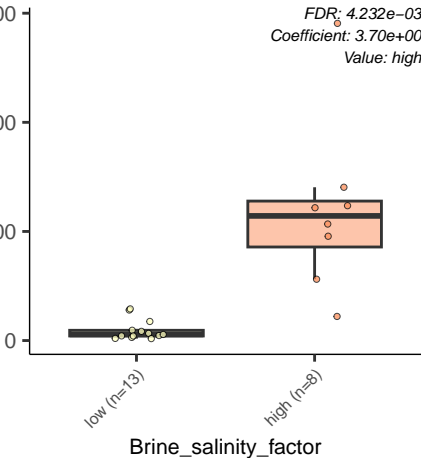
Coefficient: -1.81e+00

Value: high



Halopenitus.persicus

FDR: 4.232e-03
Coefficient: 3.70e+00
Value: high



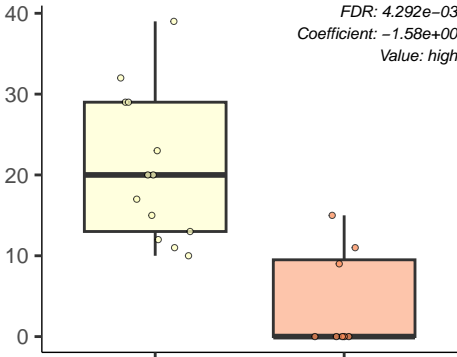
Rufibacter.sp..DG15C

FDR: 4.292e-03
Coefficient: -1.58e+00
Value: high

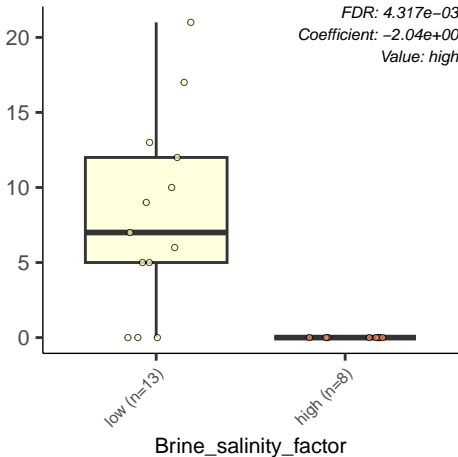
low (n=13)

high (n=8)

Brine_salinity_factor



Jannaschia.sp..BB23



Alteromonas.sp..MB.3u.76

FDR: 4.326e-03

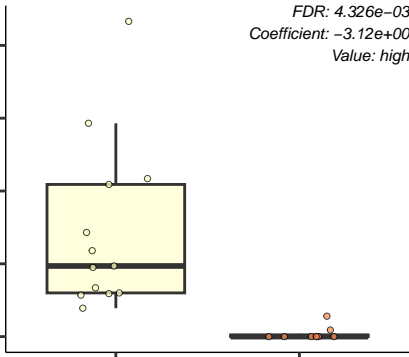
Coefficient: -3.12e+00

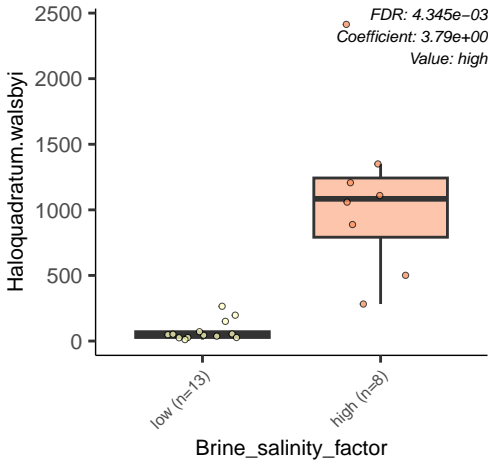
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Halogeometricum.borinquense

FDR: 4.530e-03
Coefficient: 3.29e+00
Value: high

3000

2000

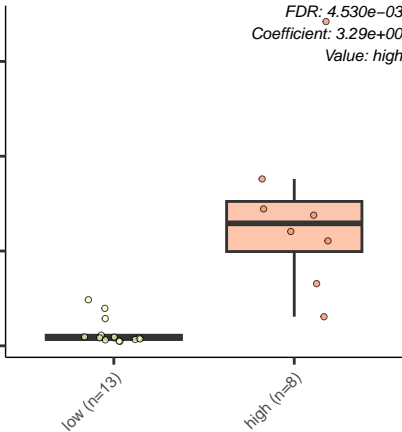
1000

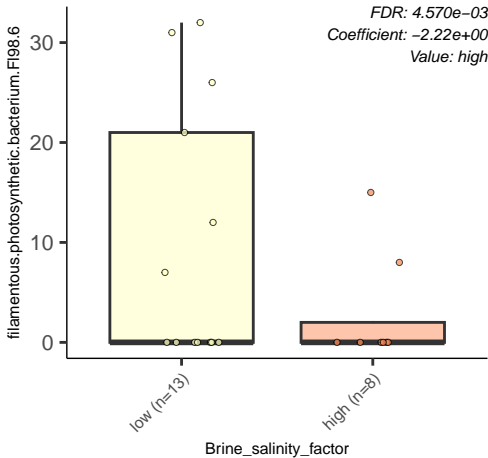
0

low (n=13)

high (n=8)

Brine_salinity_factor





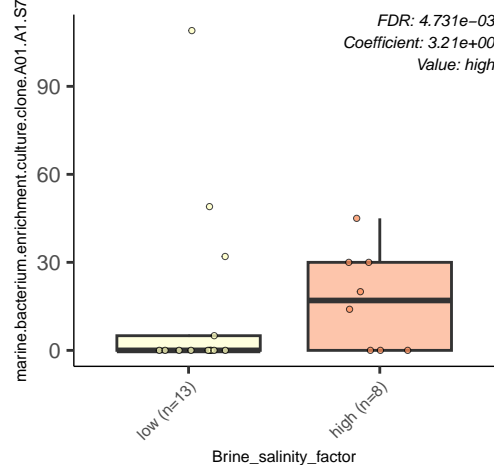
marine.bacterium.enrichment.culture.clone.A01.A1.S7

FDR: $4.731e-03$
Coefficient: $3.21e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



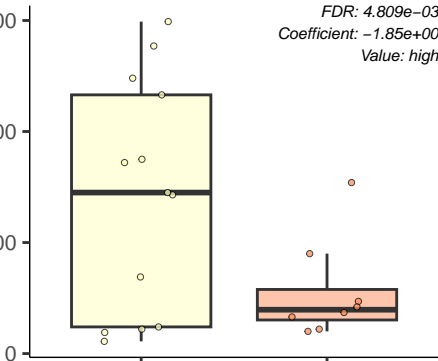
Halocynthiaibacter.arcticus

FDR: $4.809e-03$
Coefficient: $-1.85e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halomicroarcula.limicola

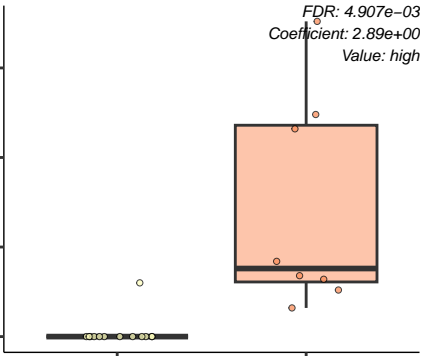
75
50
25
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 4.907e-03
Coefficient: 2.89e+00
Value: high



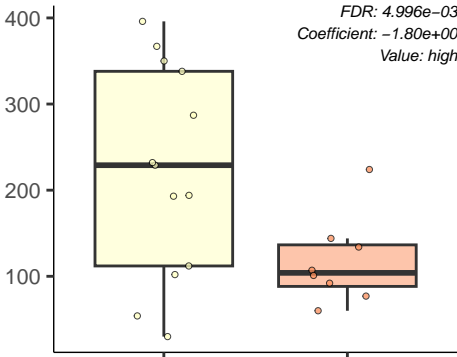
Rhodopirellula.baltica

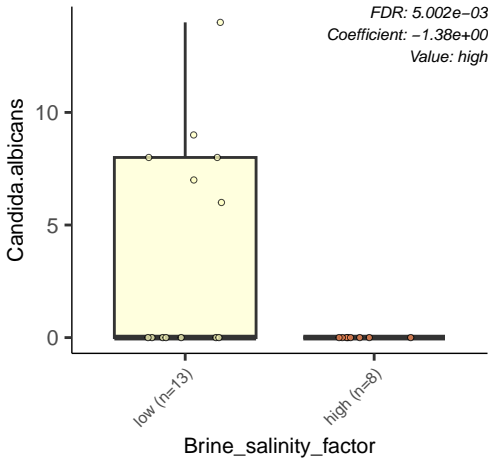
FDR: $4.996e-03$
Coefficient: $-1.80e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Phormidium.lucidum

150

100

50

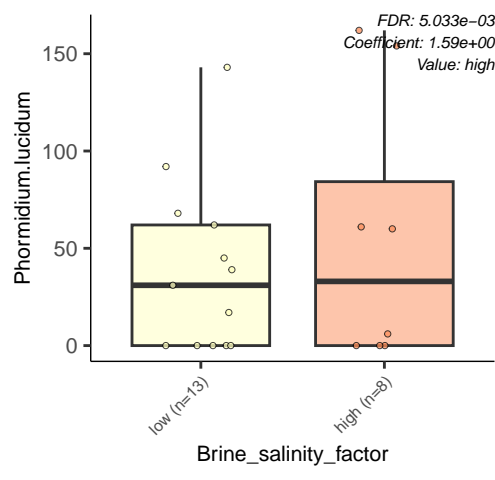
0

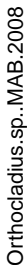
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 5.033e-03
Coefficient: 1.59e+00
Value: high





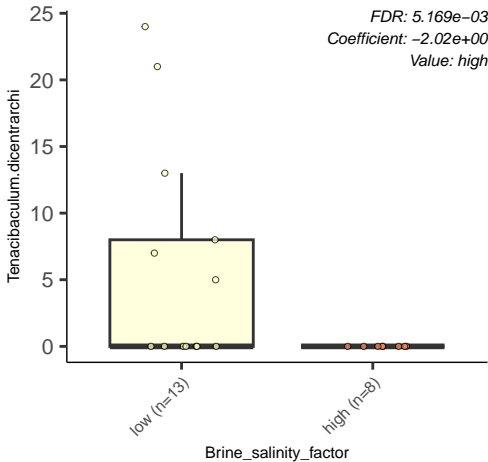
FDR: 5.033e-03

Coefficient: $-1.87e+00$

Value: high



Brine_salinity_factor



Halorubrum.lipolyticum

200

100

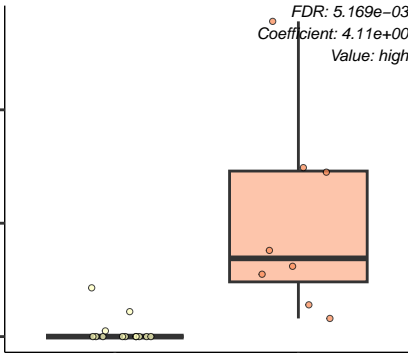
0

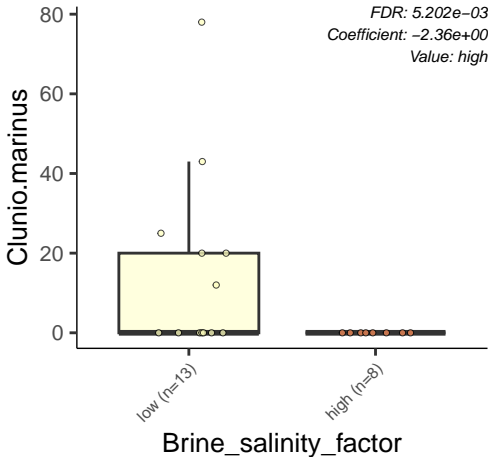
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 5.169e-03
Coefficient: 4.11e+00
Value: high





Thioclava.nitrateducens

FDR: 5.714e-03

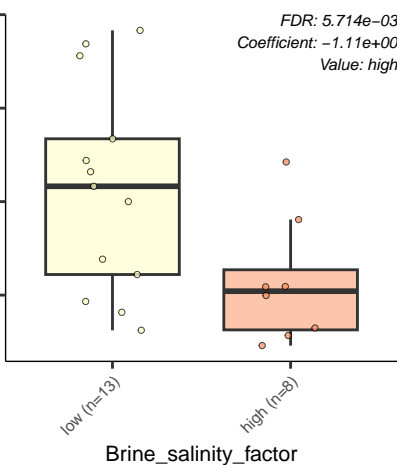
Coefficient: -1.11e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Prosthecochloris.sp..CIB.2401

FDR: 5.734e-03
Coefficient: 4.11e+00
Value: high

200

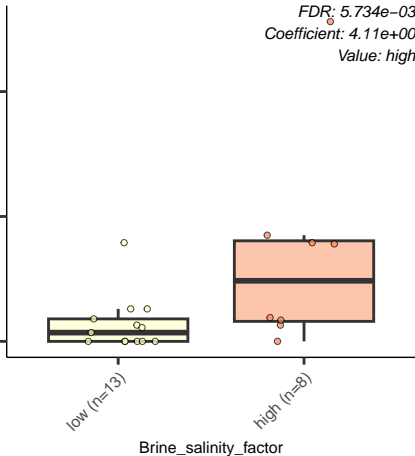
100

0

low (n=13)

high (n=8)

Brine_salinity_factor



Nitzschia.cf..pusilla

FDR: 5.936e-03

Coefficient: -1.46e+00

Value: high

150

100

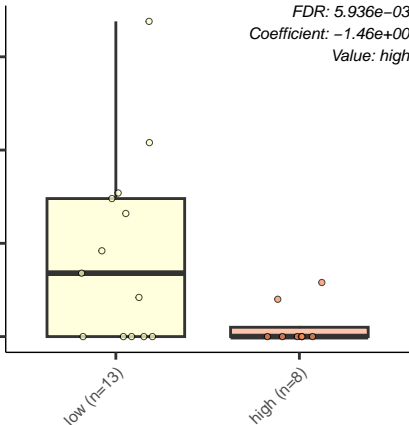
50

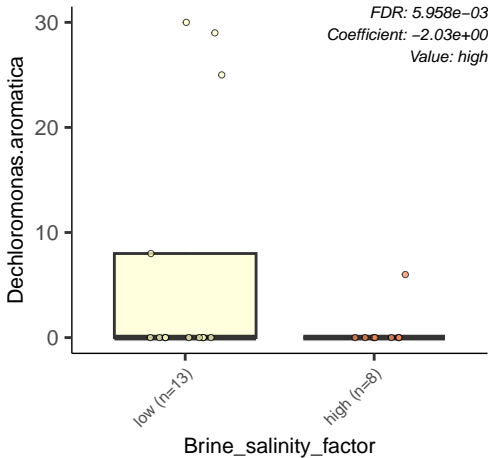
0

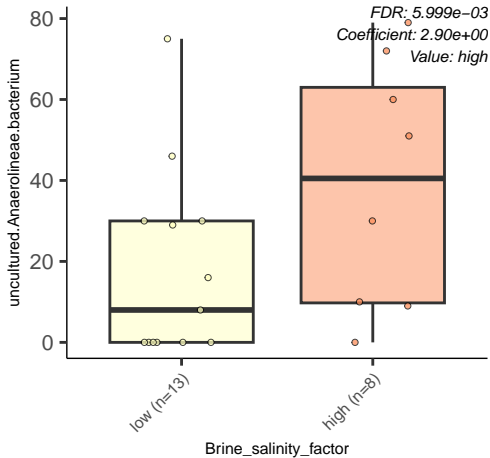
low (n=13)

high (n=8)

Brine_salinity_factor







Vibrio.harveyi.group

FDR: 6.041e-03

Coefficient: 7.53e+00

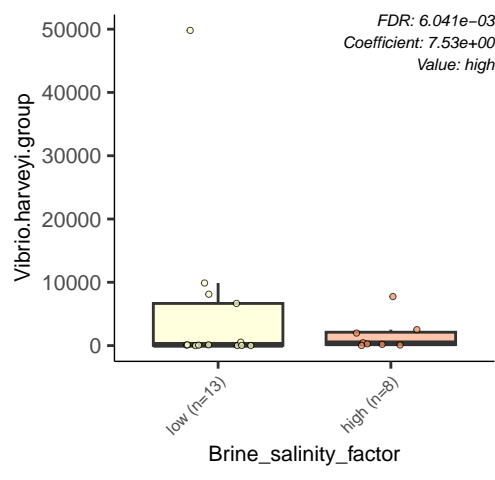
Value: high

50000
40000
30000
20000
10000
0

low (n=13)

high (n=8)

Brine_salinity_factor



Pelobacter.sp..SFB93

200

150

100

50

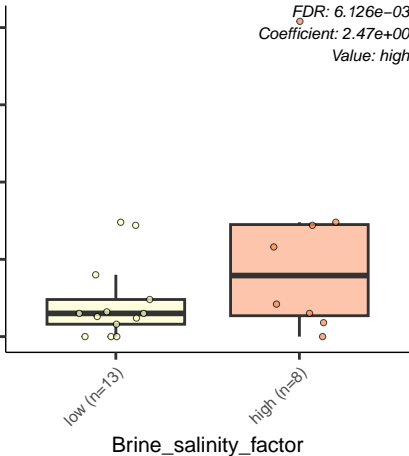
0

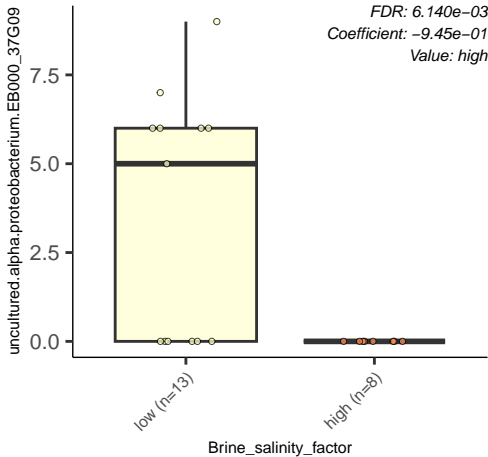
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 6.126e-03
Coefficient: 2.47e+00
Value: high



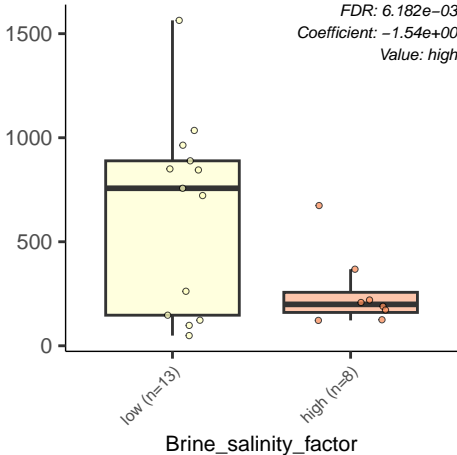


Epibacterium.mobile

FDR: 6.182e-03

Coefficient: -1.54e+00

Value: high



Haloarcula.taiwanensis

FDR: $6.509e-03$
Coefficient: $4.35e+00$
Value: high

2000

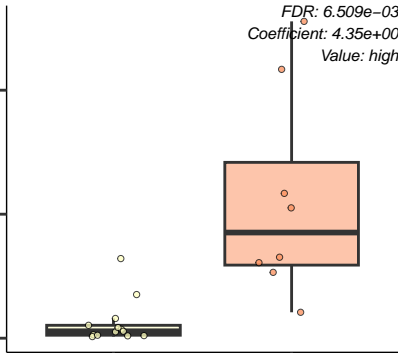
1000

0

low (n=13)

high (n=8)

Brine_salinity_factor



Cyclotella.sp..L04_2

FDR: 6.553e-03

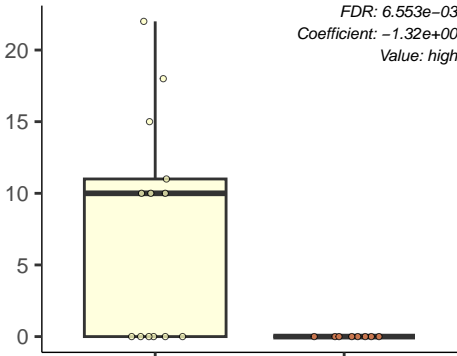
Coefficient: -1.32e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



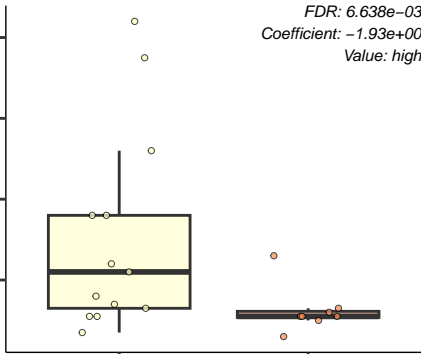
Xanthomonas.translucens

FDR: 6.638e-03
Coefficient: -1.93e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

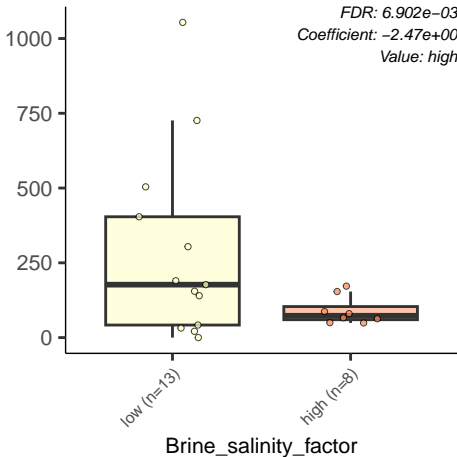


Planktomarina.temperata

FDR: 6.902e-03

Coefficient: -2.47e+00

Value: high



Haloarcula.hispanica

3000

2000

1000

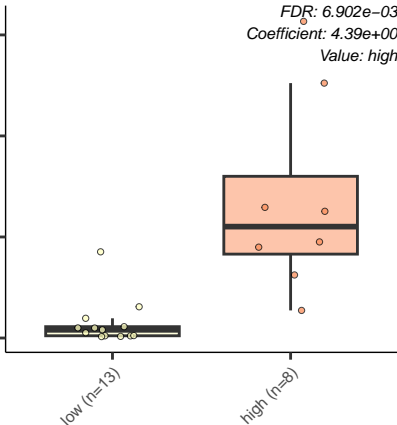
0

low (n=13)

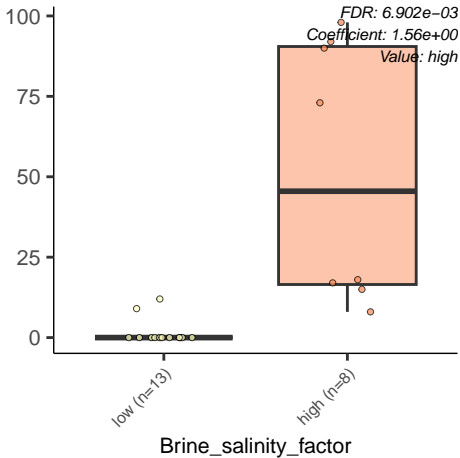
high (n=8)

Brine_salinity_factor

FDR: $6.902e-03$
Coefficient: $4.39e+00$
Value: high



Halococcus.morruhae



Flammeovirga.sp..MY04

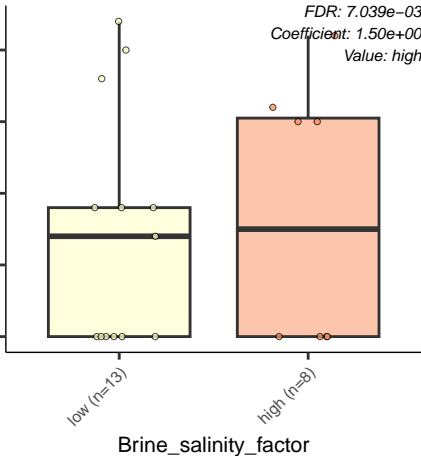
20
15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 7.039e-03
Coefficient: 1.50e+00
Value: high



Natronomonas.pharaonis

FDR: 7.292e-03
Coefficient: 3.64e+00
Value: high

1000

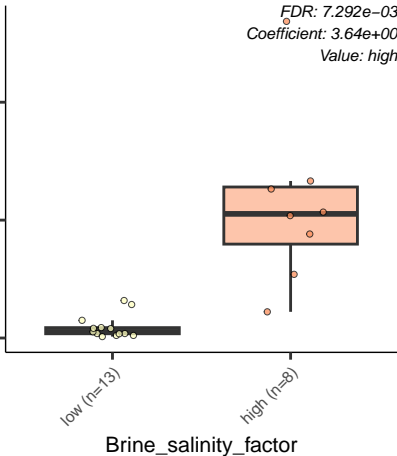
500

0

low (n=13)

high (n=8)

Brine_salinity_factor



Ichthyobacterium.seriolicida

FDR: 7.442e-03

Coefficient: 1.66e+00

Value: high

60

40

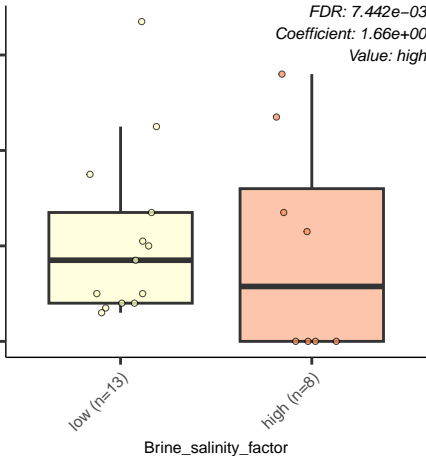
20

0

low (n=13)

high (n=8)

Brine_salinity_factor



Pelobacter.acetylenicus

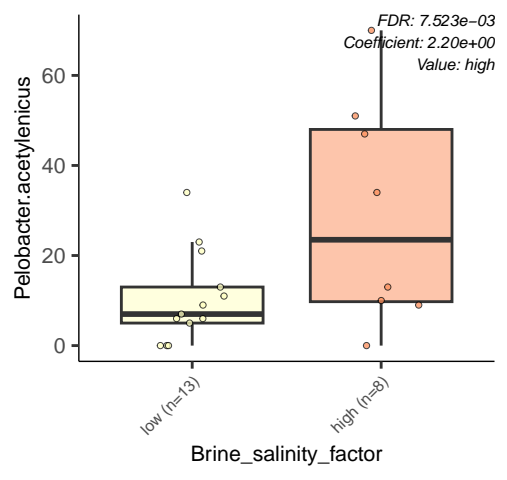
FDR: $7.523e-03$
Coefficient: $2.20e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

60
40
20
0



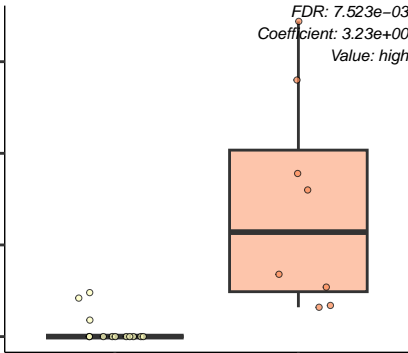
uncultured.Haloarcula.sp.

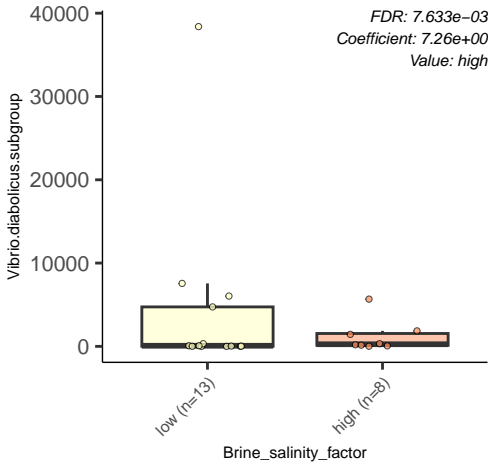
FDR: 7.523e-03
Coefficient: 3.23e+00
Value: high

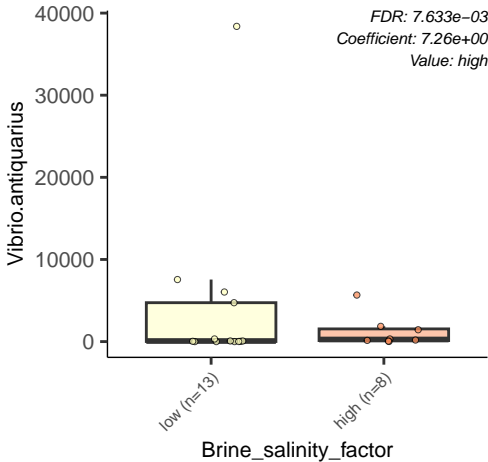
low (n=13)

high (n=8)

Brine_salinity_factor







Pseudo.nitzschia.multiseriis

FDR: 7.771e-03
Coefficient: -2.44e+00
Value: high

600

400

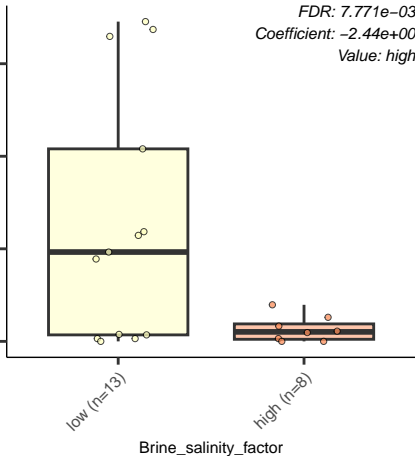
200

0

low (n=13)

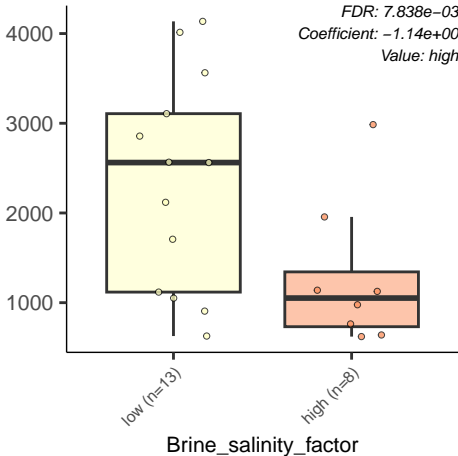
high (n=8)

Brine_salinity_factor



Dinoroseobacter.shibae

FDR: 7.838e-03
Coefficient: -1.14e+00
Value: high



Value: high



Maribacter.sp..1_2014MBL_MicDiv

FDR: $7.942e-03$
Coefficient: $-2.32e+00$
Value: high

600

400

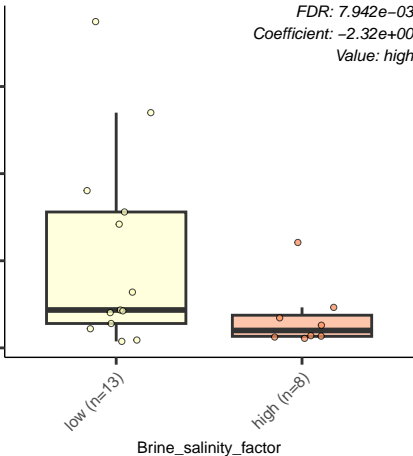
200

0

low (n=13)

high (n=8)

Brine_salinity_factor



Dolichomastix.tenuilepis

FDR: 8.379e-03

Coefficient: -2.56e+00

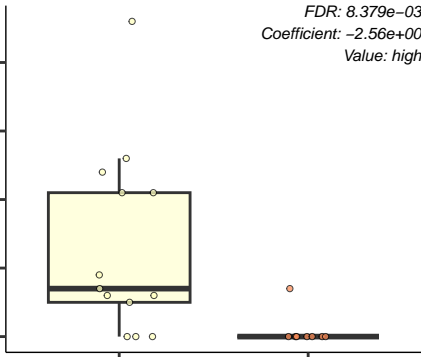
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

40
30
20
10
0



uncultured.Caldilineaceae.bacterium

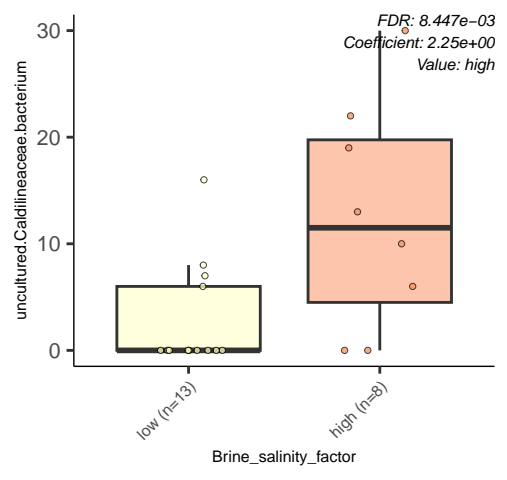
30
20
10
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $8.447e-03$
Coefficient: $2.25e+00$
Value: high



Halobacterium.sp.:GN101

FDR: 8.452e-03
Coefficient: 2.96e+00
Value: high

1500

1000

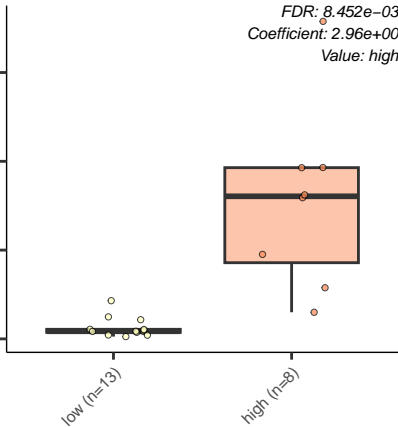
500

0

low (n=13)

high (n=8)

Brine_salinity_factor



Litorilinea.aerophila

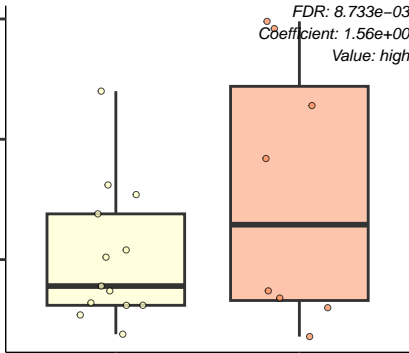
150
100
50

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 8.733e-03
Coefficient: 1.56e+00
Value: high



Rhodovulum.sp..P5

3000

2000

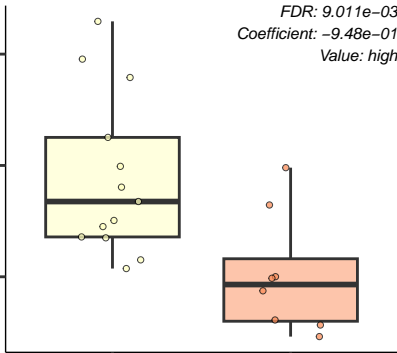
1000

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 9.011e-03
Coefficient: -9.48e-01
Value: high



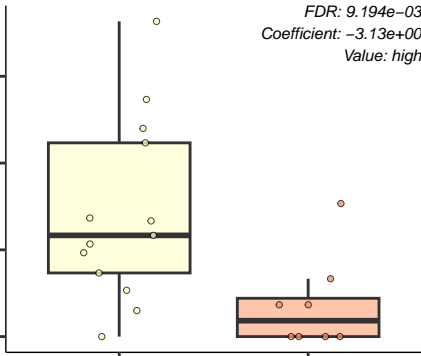
Lotharella.oceanica

FDR: $9.194e-03$
Coefficient: $-3.13e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



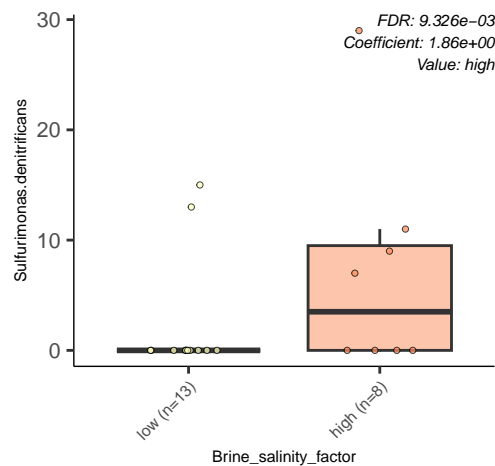
Sulfurimonas.denitrificans

FDR: 9.326e-03
Coefficient: 1.86e+00
Value: high

low (n=13)

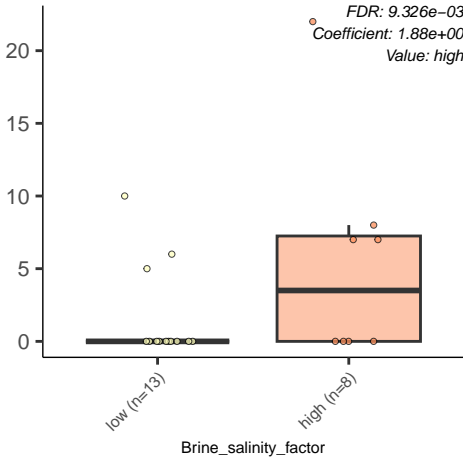
high (n=8)

Brine_salinity_factor



uncultured.forest.soil.bacterium

FDR: 9.326e-03
Coefficient: 1.88e+00
Value: high



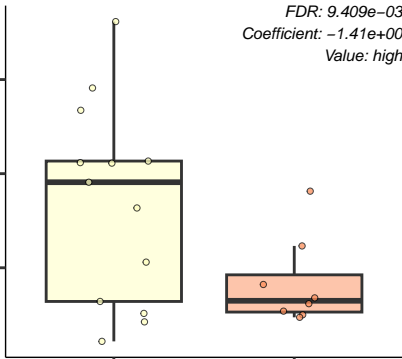
Confluentimicrobium.sp..EMB200.NS6

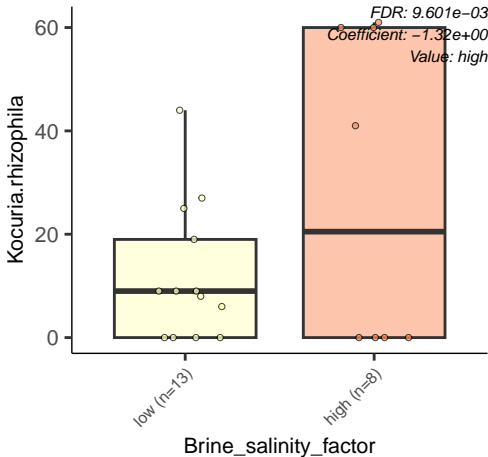
FDR: 9.409e-03
Coefficient: -1.41e+00
Value: high

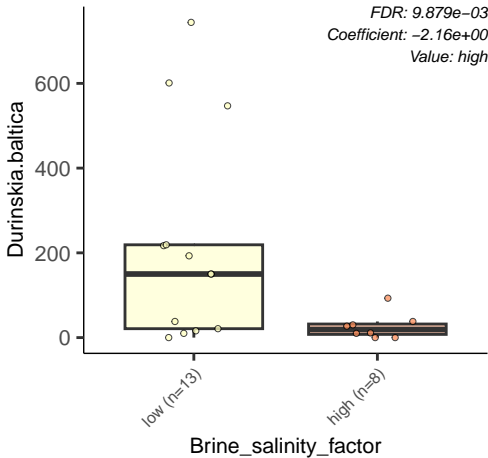
low (n=13)

high (n=8)

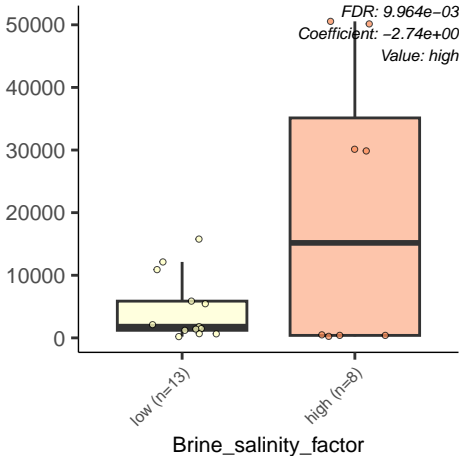
Brine_salinity_factor







Halothece.sp..PCC.7418



Phaeobacter.inhibens

6000

4000

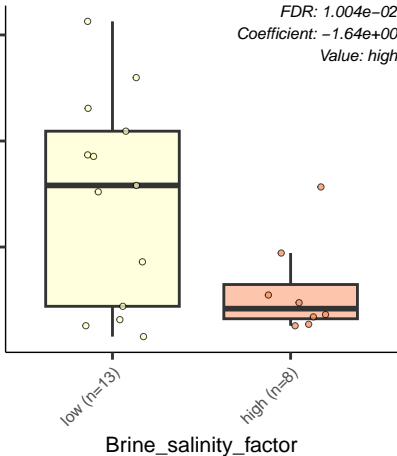
2000

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $1.004e-02$
Coefficient: $-1.64e+00$
Value: high



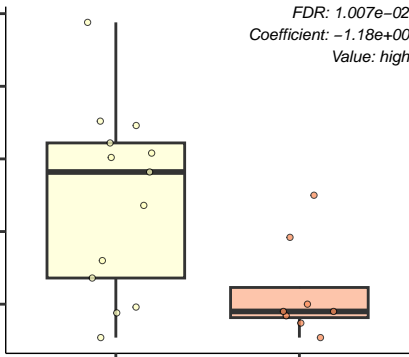
Ruegeria.sp..TM1040

FDR: 1.007e-02
Coefficient: -1.18e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Methylorubrum.populi

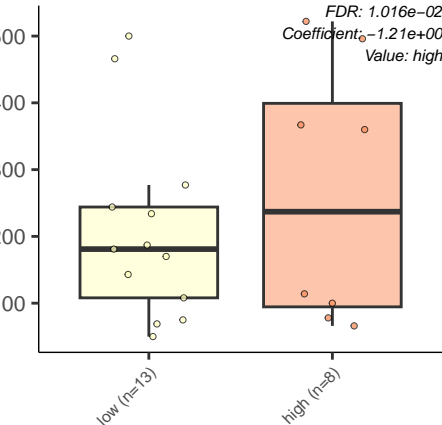
500
400
300
200
100

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.016e-02
Coefficient: -1.21e+00
Value: high



Haloarcula.marismortui

15000

10000

5000

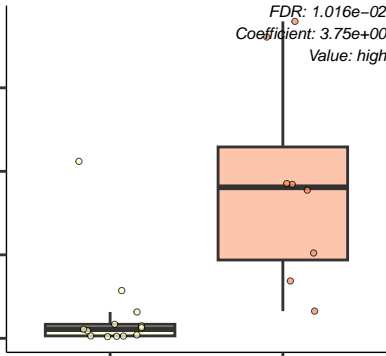
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.016e-02
Coefficient: 3.75e+00
Value: high



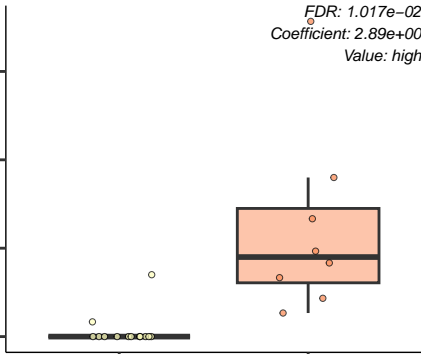
Halorubrum.sp..SD645R

FDR: 1.017e-02
Coefficient: 2.89e+00
Value: high

low (n=13)

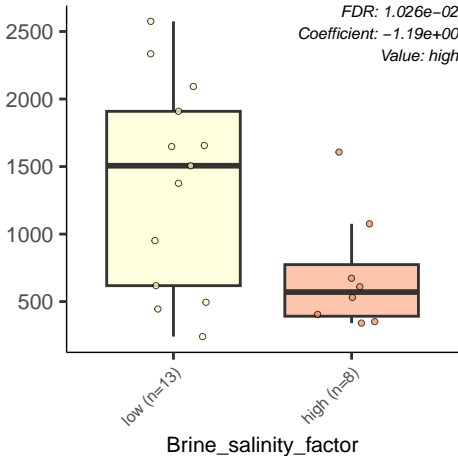
high (n=8)

Brine_salinity_factor



Marinovum.algicola

FDR: 1.026e-02
Coefficient: -1.19e+00
Value: high



Halomonas.ventosae

20

10

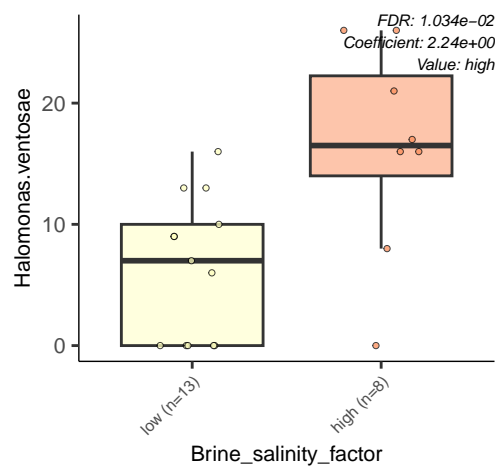
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.034e-02
Coefficient: 2.24e+00
Value: high



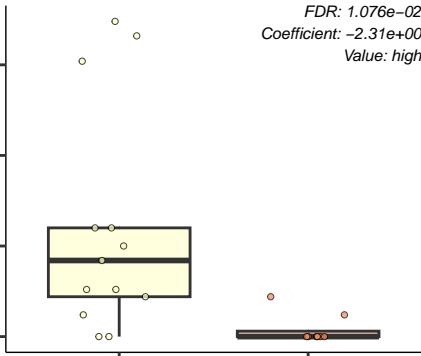
uncultured.prasinophyte

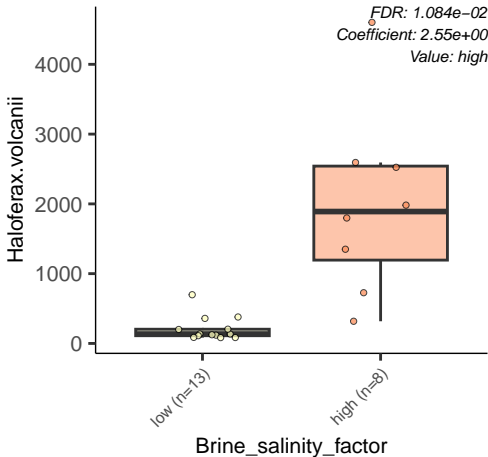
FDR: 1.076e-02
Coefficient: -2.31e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Natronomonas.moolapensis

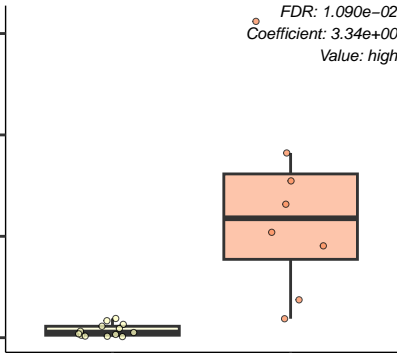
FDR: 1.090e-02
Coefficient: 3.34e+00
Value: high

6000
4000
2000
0

low (n=13)

high (n=8)

Brine_salinity_factor



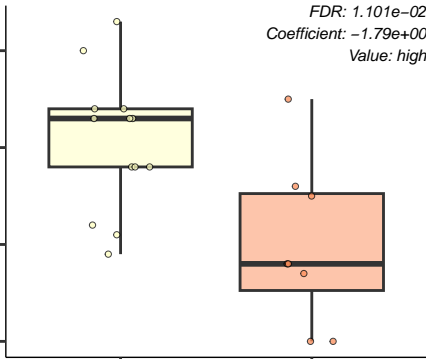
Magnetospirillum.magneticum

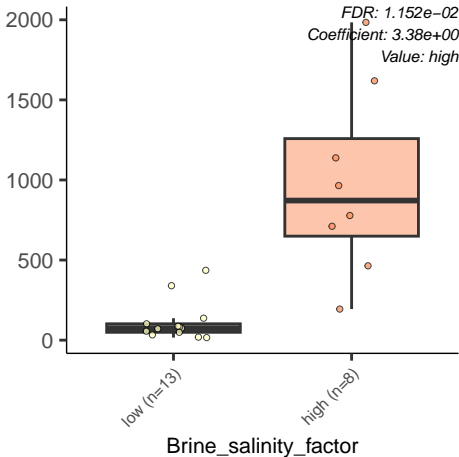
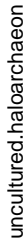
FDR: 1.101e-02
Coefficient: -1.79e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





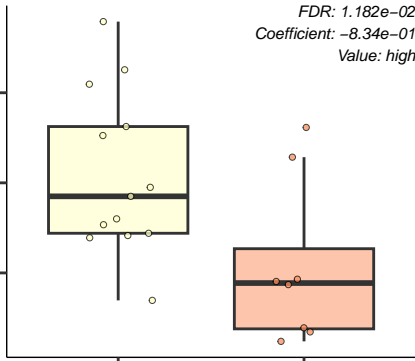
Leisingera.methylohalidivorans

FDR: $1.182e-02$
Coefficient: $-8.34e-01$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Rhodovulum.sp..SMB1

FDR: 1.186e-02

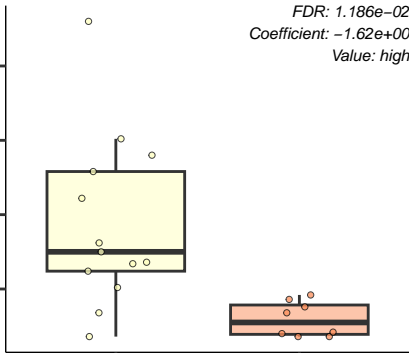
Coefficient: -1.62e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Natrinema.pellirubrum

FDR: 1.196e-02
Coefficient: 2.95e+00
Value: high

4000

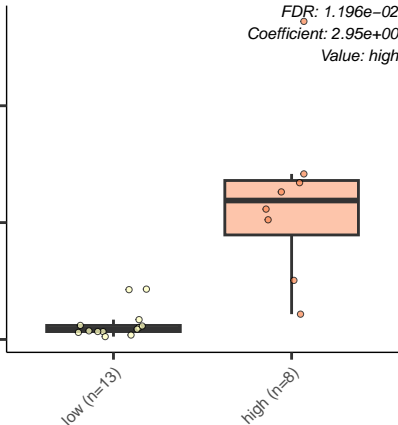
2000

0

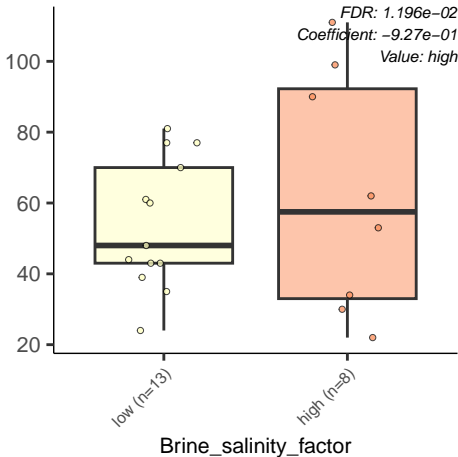
low (n=13)

high (n=8)

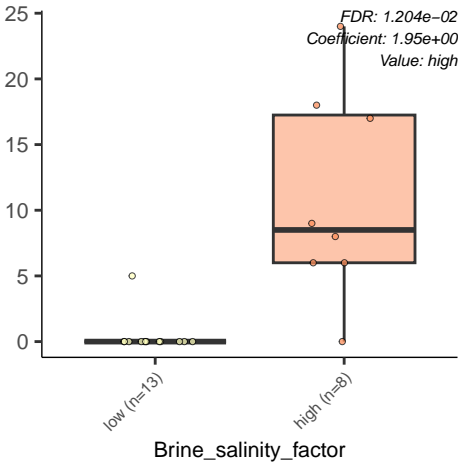
Brine_salinity_factor



Bosea.vaviloviae



Guyparkeria.halophila



Pseudo.nitzschia.multistriata

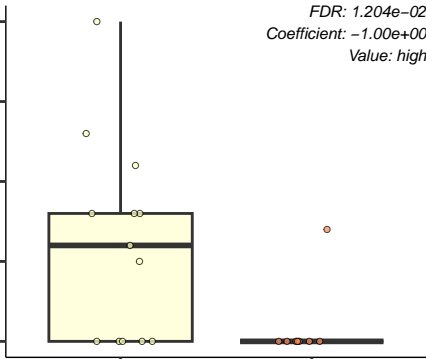
20
15
10
5
0

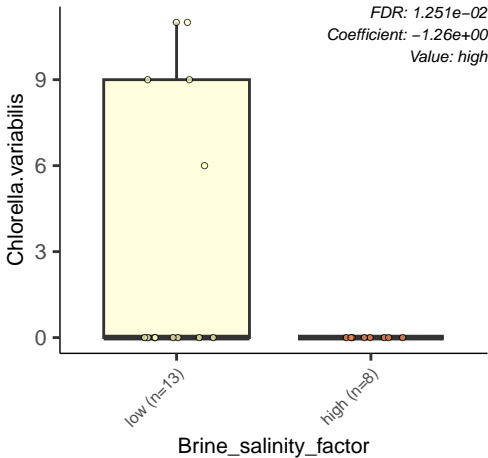
low (n=13)

high (n=8)

Brine_salinity_factor

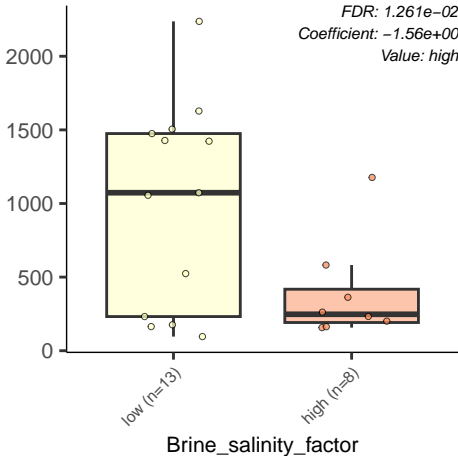
FDR: 1.204e-02
Coefficient: -1.00e+00
Value: high





Tateyamaria.omphalii

FDR: 1.261e-02
Coefficient: -1.56e+00
Value: high



Robiginitalea.biformata

1500

1000

500

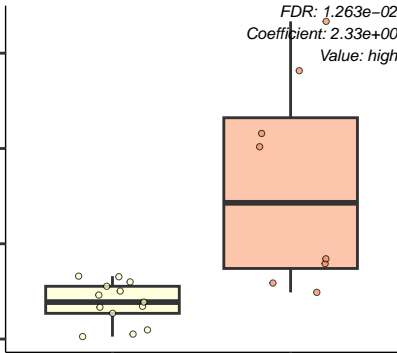
0

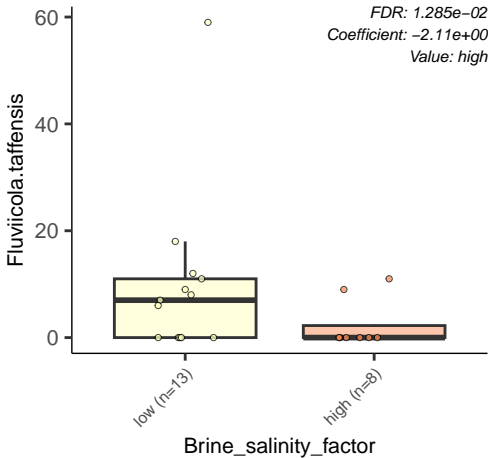
FDR: 1.263e-02
Coefficient: 2.33e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Thiohalorhabdus.denitrificans

FDR: 1.295e-02
Coefficient: 1.91e+00
Value: high

20

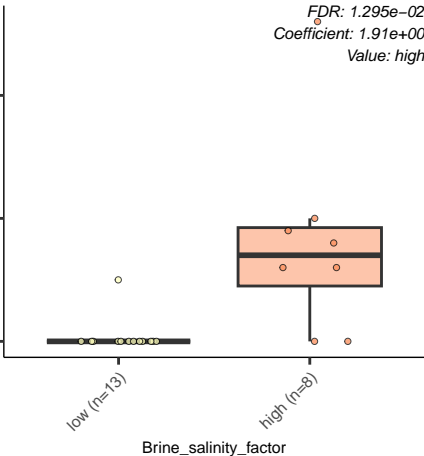
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.sp..lb25

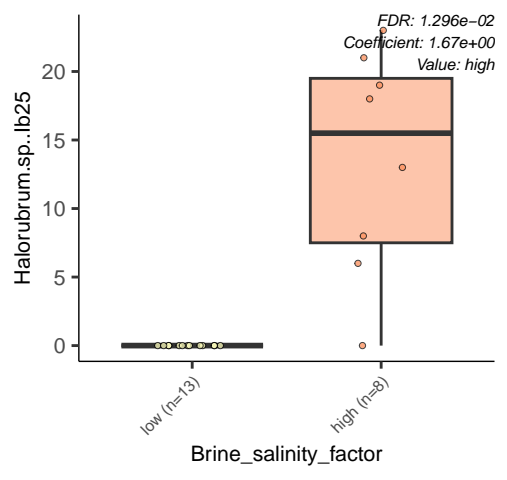
20
15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.296e-02
Coefficient: 1.67e+00
Value: high



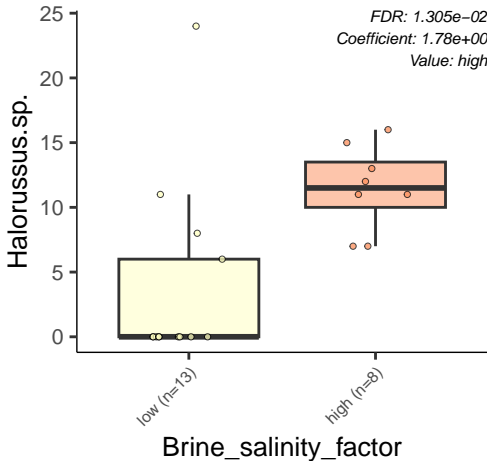
Halorussus.sp.

FDR: 1.305e-02
Coefficient: 1.78e+00
Value: high

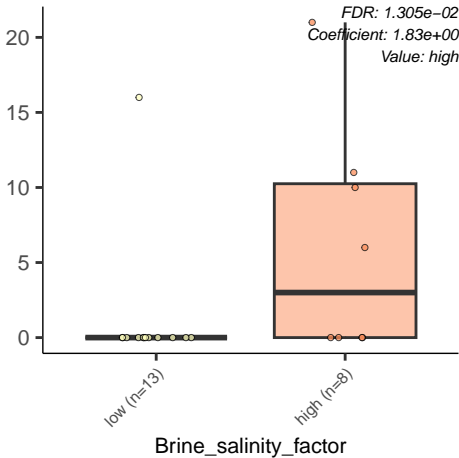
low (n=13)

high (n=8)

Brine_salinity_factor



cyanobacterium.WH7B



Halomicrobium.zhouii

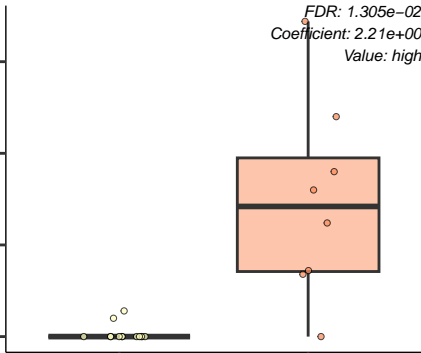
FDR: 1.305e-02
Coefficient: 2.21e+00
Value: high

75
50
25
0

low (n=13)

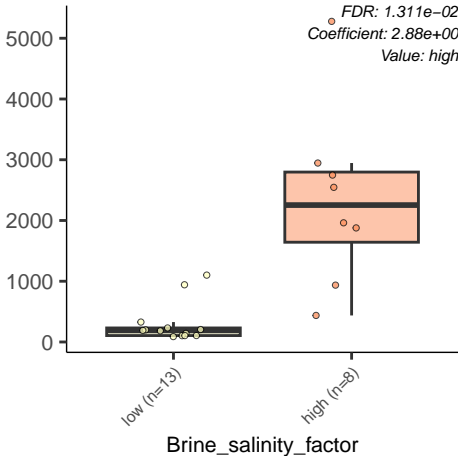
high (n=8)

Brine_salinity_factor



Haloarcula.sp.:CBA1115

FDR: 1.311e-02
Coefficient: 2.88e+00
Value: high



uncultured.Acidimicrobiales.bacterium

FDR: 1.316e-02
Coefficient: -2.28e+00
Value: high

20

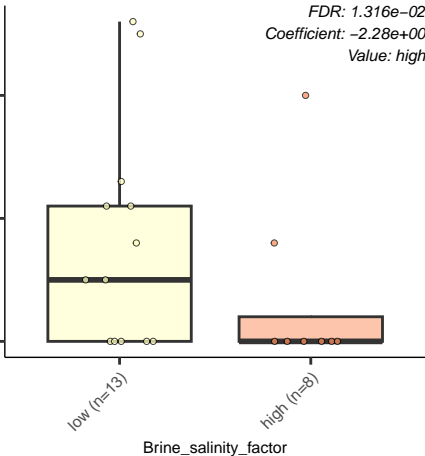
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



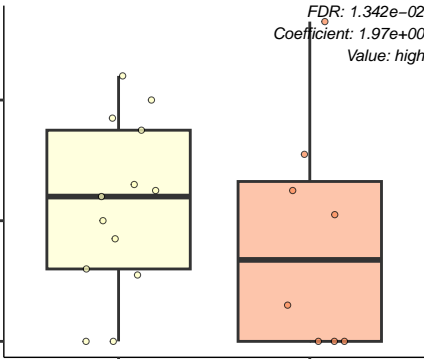
uncultured.bacterium.W5.47b

FDR: 1.342e-02
Coefficient: 1.97e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Gomphoneis.minuta

FDR: 1.355e-02

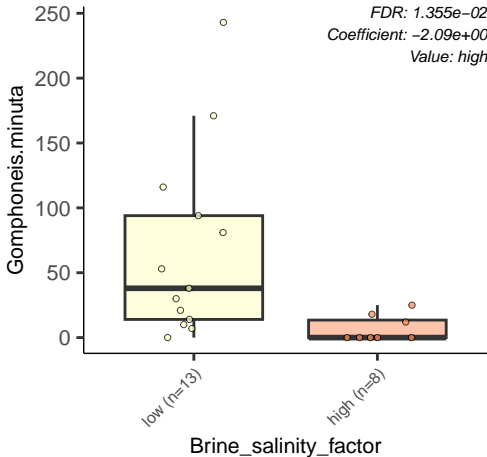
Coefficient: -2.09e+00

Value: high

low (n=13)

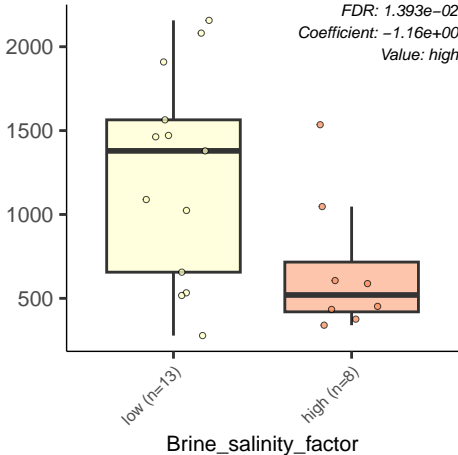
high (n=8)

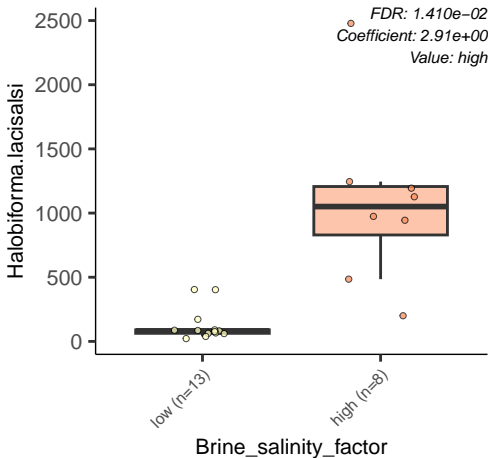
Brine_salinity_factor



Celeribacter.indicus

FDR: 1.393e-02
Coefficient: -1.16e+00
Value: high





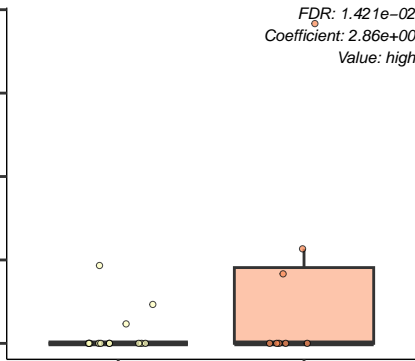
Candidatus.Symbiobacter.mobilis

FDR: 1.421e-02
Coefficient: 2.86e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



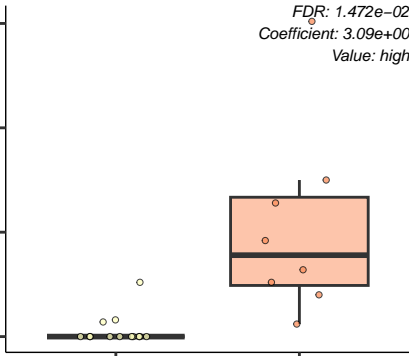
Halorubrum.vacuolatum

FDR: 1.472e-02
Coefficient: 3.09e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



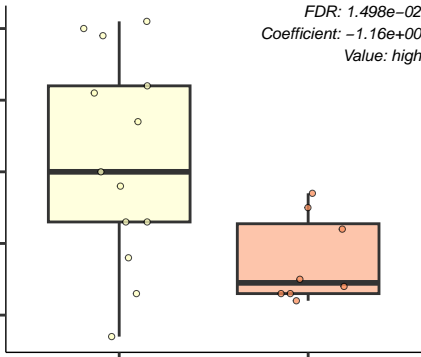
Sinorhizobium.americanum

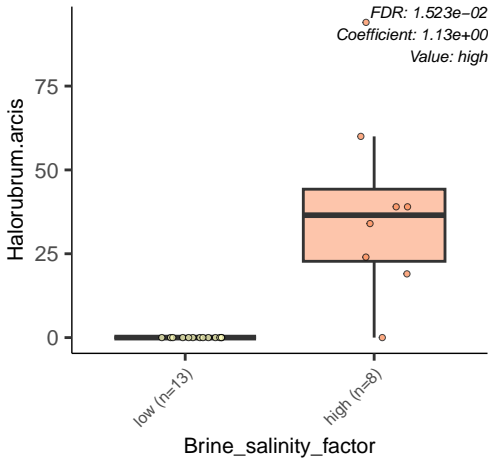
FDR: $1.498e-02$
Coefficient: $-1.16e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Cerataulina.daemon

FDR: $1.523e-02$
Coefficient: $-1.77e+00$
Value: high

40

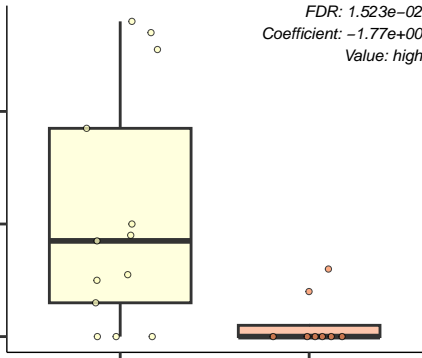
20

0

low (n=13)

high (n=8)

Brine_salinity_factor



Tenacibaculum.sp..SZ.18

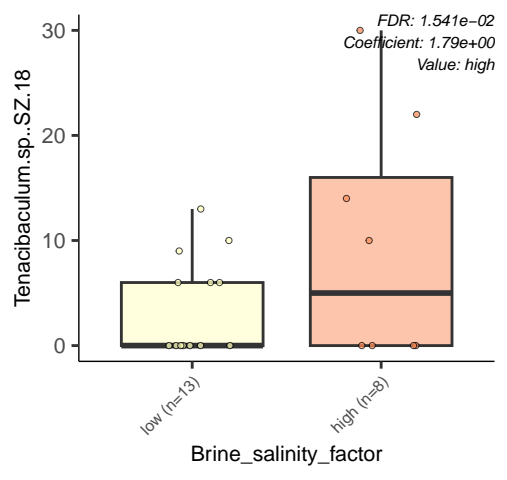
30
20
10
0

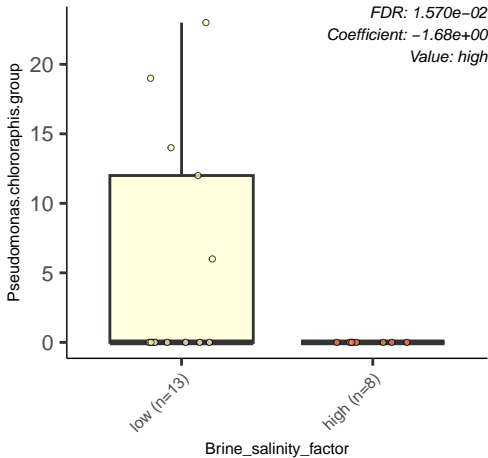
low (n=13)

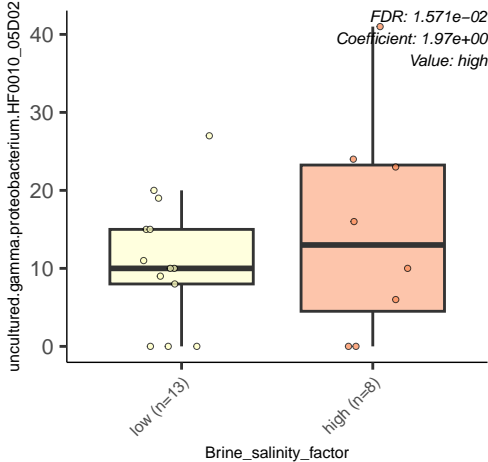
high (n=8)

Brine_salinity_factor

FDR: 1.541e-02
Coefficient: 1.79e+00
Value: high







Halobacteroides.halobius

900

600

300

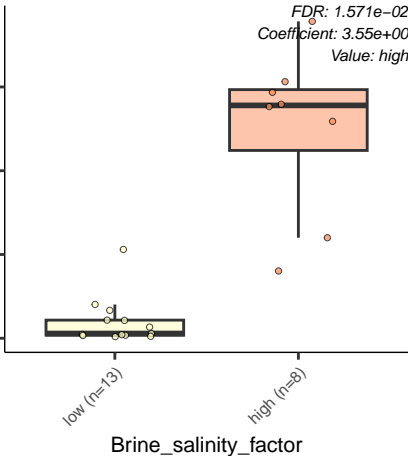
0

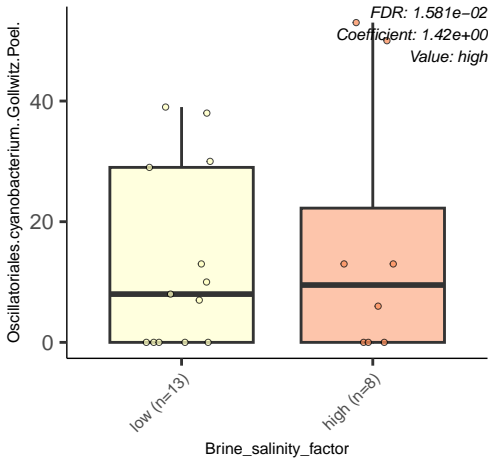
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.571e-02
Coefficient: 3.55e+00
Value: high





Pseudomonas.chlororaphis

FDR: 1.583e-02

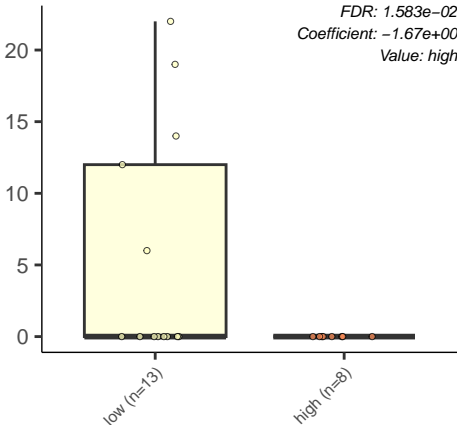
Coefficient: -1.67e+00

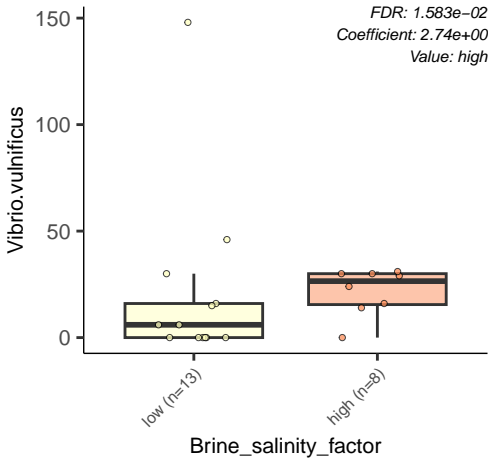
Value: high

low (n=13)

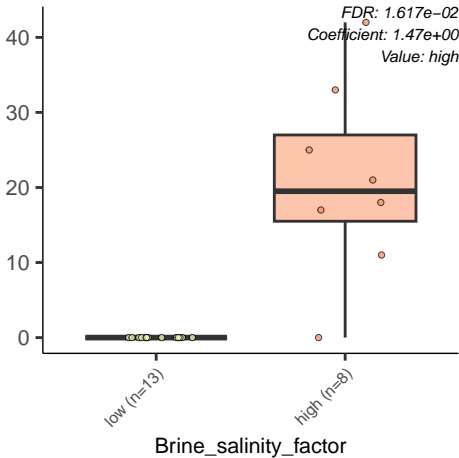
high (n=8)

Brine_salinity_factor





Halorubrum.tibetense



Halobacterium.sp..AUS.2

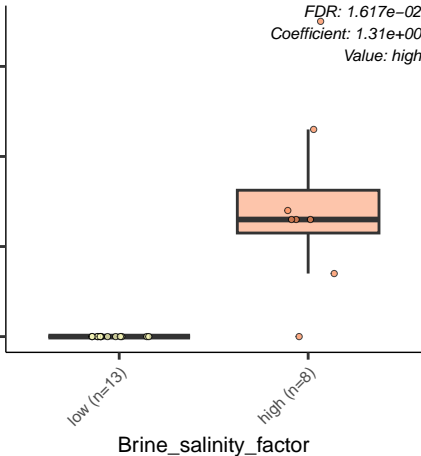
FDR: 1.617e-02
Coefficient: 1.31e+00
Value: high

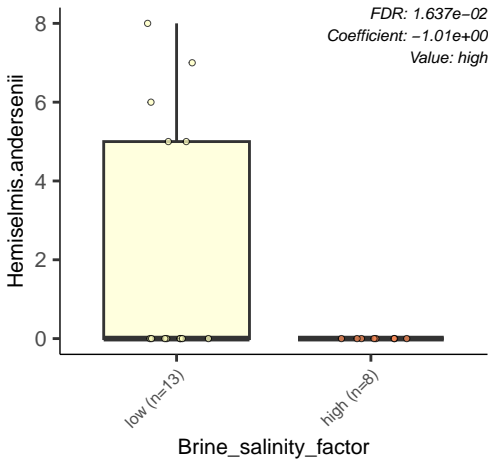
30
20
10
0

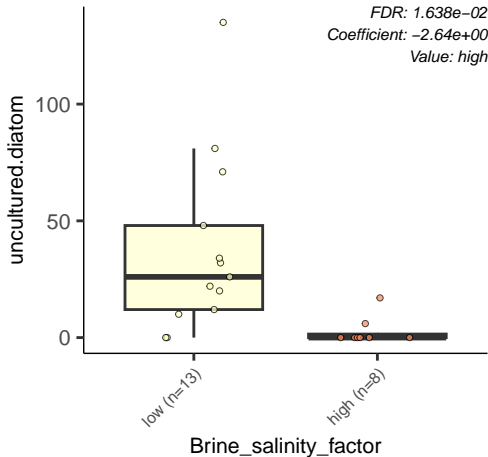
low (n=13)

high (n=8)

Brine_salinity_factor







Halobacterium.salinarum

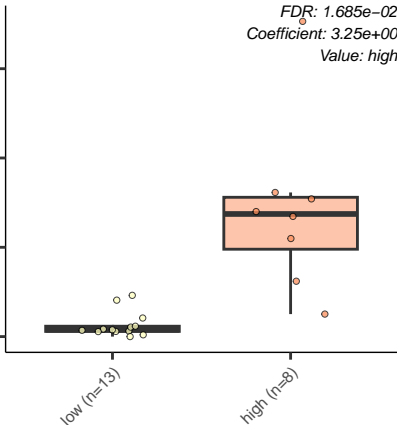
FDR: 1.685e-02
Coefficient: 3.25e+00
Value: high

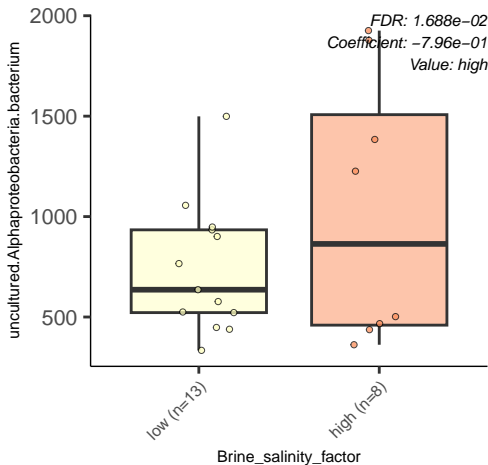
1500
1000
500
0

low (n=13)

high (n=8)

Brine_salinity_factor





Halobacterium.sp..DL1

FDR: 1.744e-02
Coefficient: 2.73e+00
Value: high

3000

2000

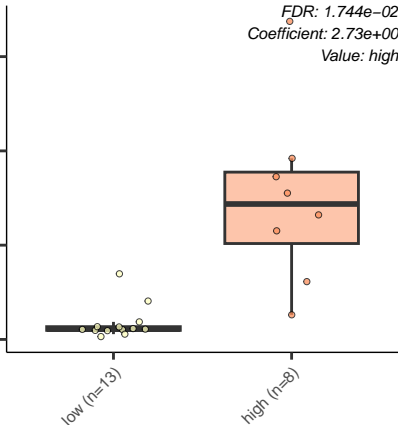
1000

0

low (n=13)

high (n=8)

Brine_salinity_factor



Croceicoccus.marinus

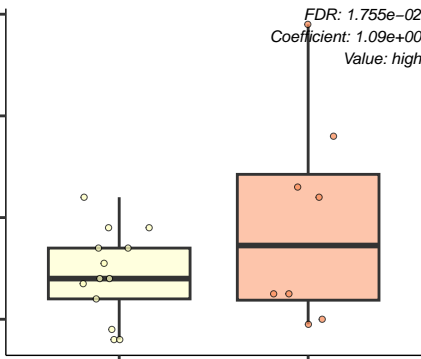
80
60
40
20

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.755e-02
Coefficient: 1.09e+00
Value: high



Salinigranum.rubrum

FDR: 1.755e-02
Coefficient: 3.14e+00
Value: high

20000

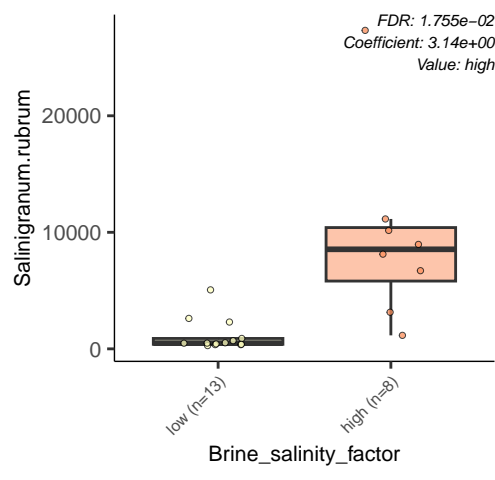
10000

0

low (n=13)

high (n=8)

Brine_salinity_factor



Aureimonas.sp..AU22

60

40

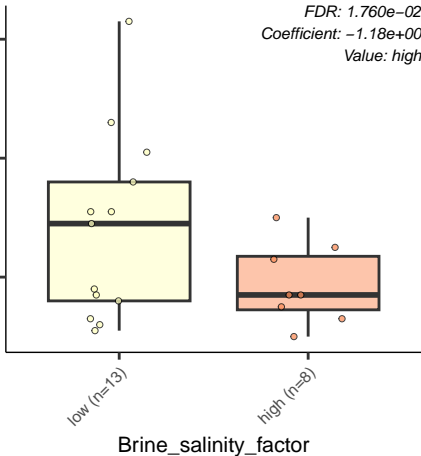
20

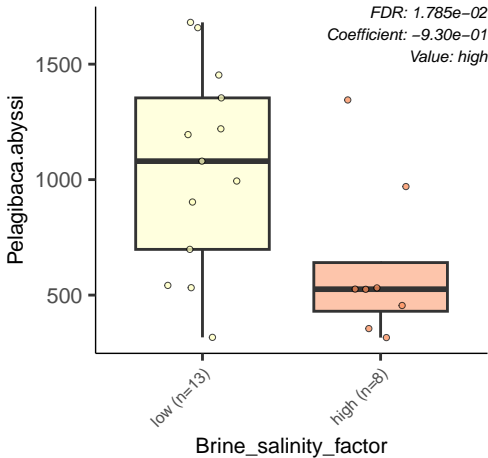
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 1.760e-02
Coefficient: -1.18e+00
Value: high





Thalassiosira.oceanica

FDR: 1.790e-02

Coefficient: -2.35e+00

Value: high

150

100

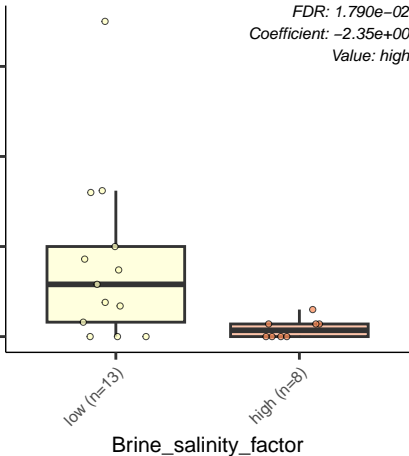
50

0

low (n=13)

high (n=8)

Brine_salinity_factor



Marivirga.tractuosa

FDR: 1.791e-02

Coefficient: -2.66e+00

Value: high

30000

20000

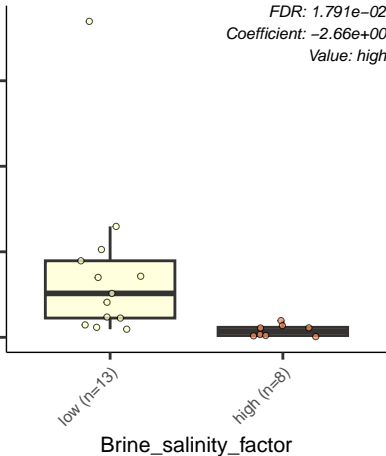
10000

0

low (n=13)

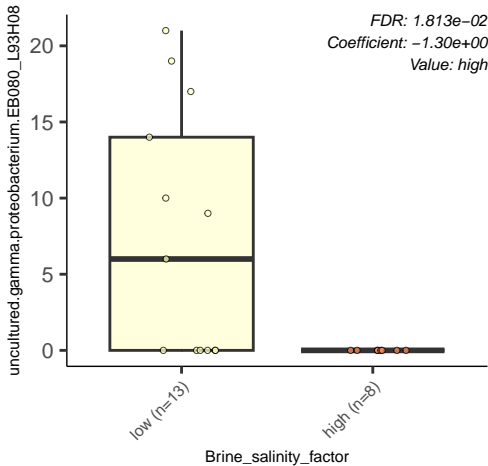
high (n=8)

Brine_salinity_factor

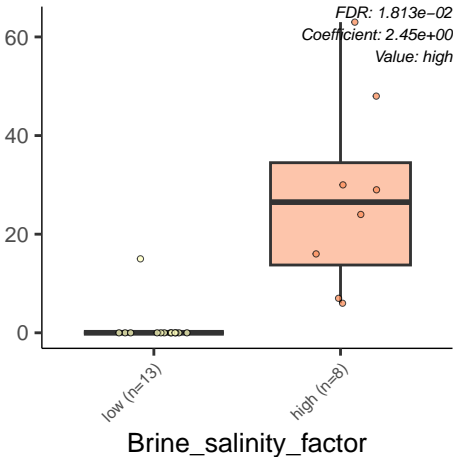


Value: high





Halobaculum.sp.



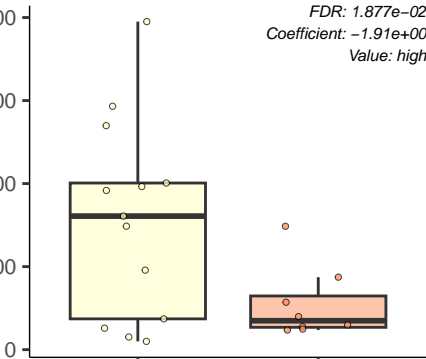
Sulfitobacter.pseudonitzschiae

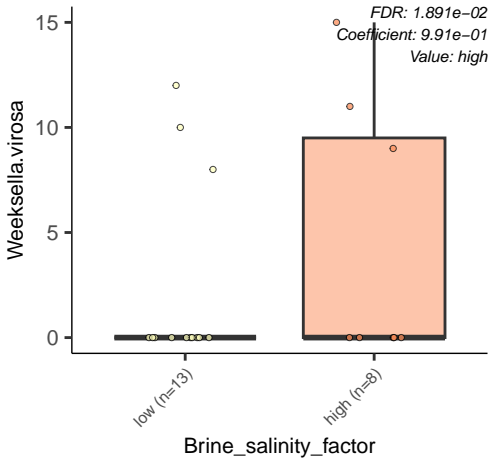
FDR: 1.877e-02
Coefficient: -1.91e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Halorubrum.sp..TP121

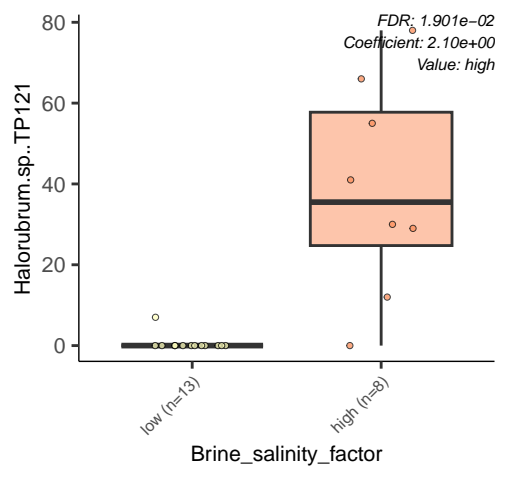
80
60
40
20
0

low (n=13)

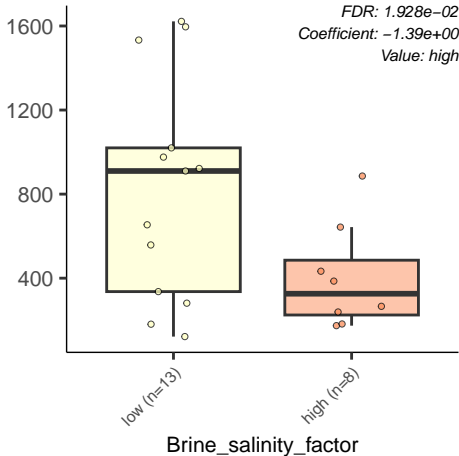
high (n=8)

Brine_salinity_factor

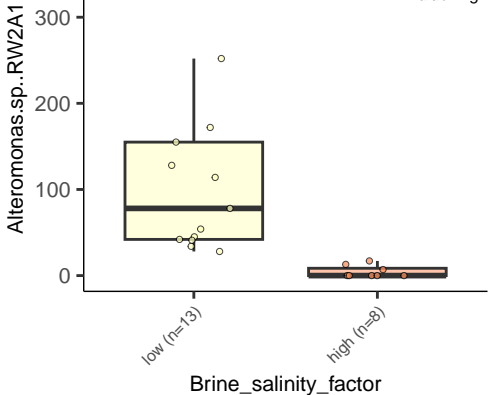
FDR: $1.901e-02$
Coefficient: $2.10e+00$
Value: high



Phaeobacter.porticola



Value: high



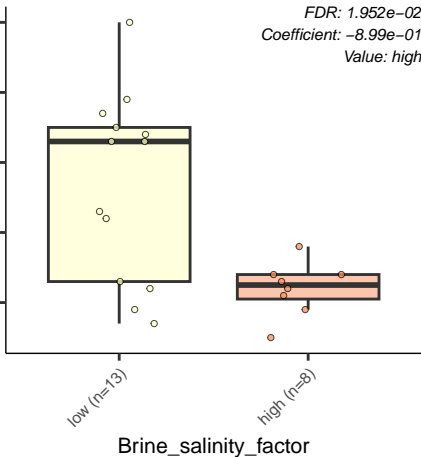
Magnetospira.sp..QH.2

FDR: $1.952e-02$
Coefficient: $-8.99e-01$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

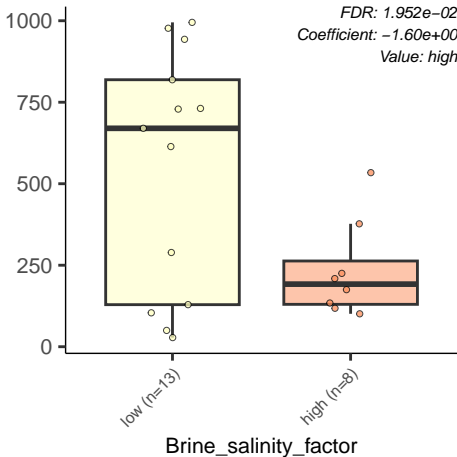


Roseobacter.denitrificans

FDR: 1.952e-02

Coefficient: -1.60e+00

Value: high



Rhodobacteraceae.bacterium

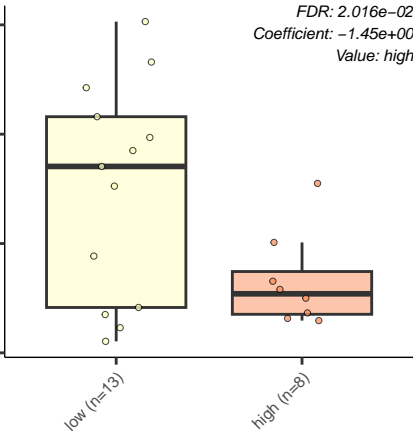
600
400
200
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.016e-02
Coefficient: -1.45e+00
Value: high



Oceanicella.actignis

FDR: 2.030e-02

Coefficient: -1.51e+00

Value: high

10

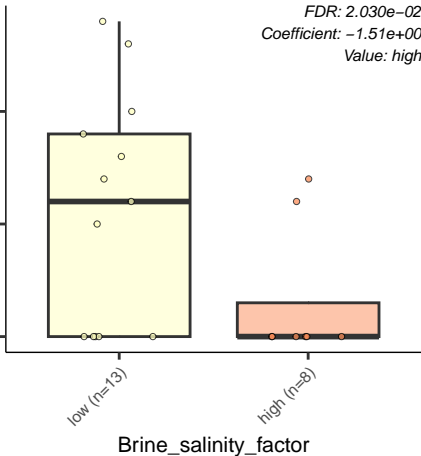
5

0

low (n=13)

high (n=8)

Brine_salinity_factor



Halobacteriaceae.archaeon.ZS.5

FDR: 2.041e-02
Coefficient: 3.74e+00
Value: high

200

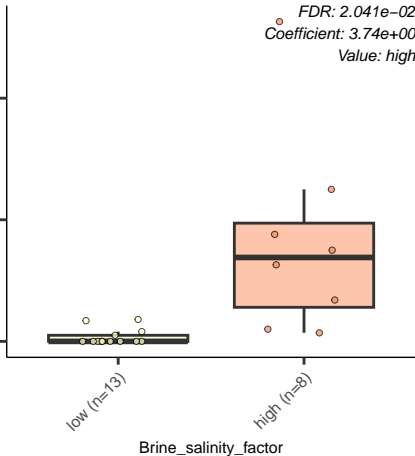
100

0

low (n=13)

high (n=8)

Brine_salinity_factor



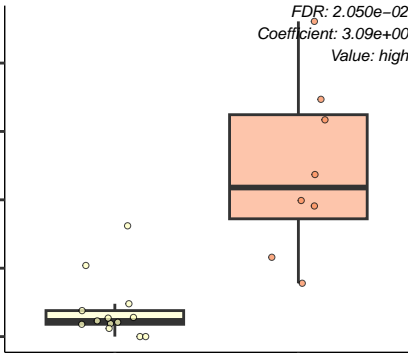
Natronobacterium.gregoryi

FDR: 2.050e-02
Coefficient: 3.09e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



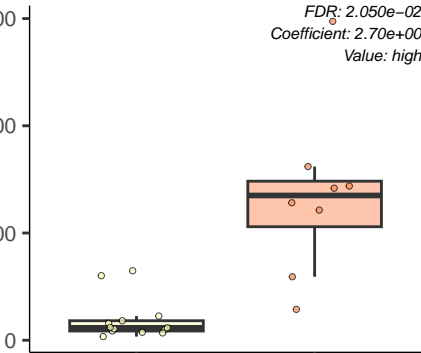
Natrinema.sp..J7.2

FDR: 2.050e-02
Coefficient: 2.70e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Nitzschia.frustulum

FDR: 2.057e-02

Coefficient: -1.96e+00

Value: high

800

600

400

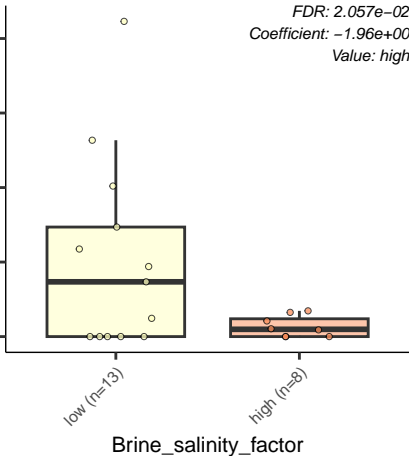
200

0

low (n=13)

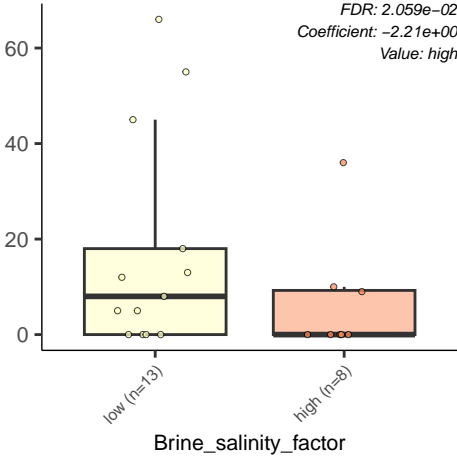
high (n=8)

Brine_salinity_factor



Nonlabens.sp..Hel1_33_55

FDR: 2.059e-02
Coefficient: -2.21e+00
Value: high



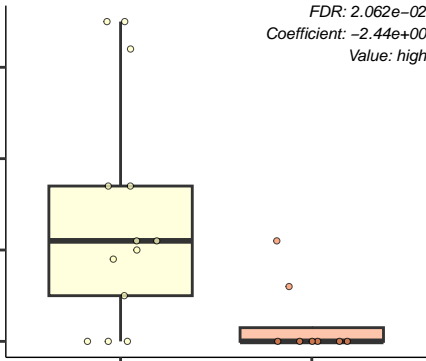
Paraburkholderia.xenovorans

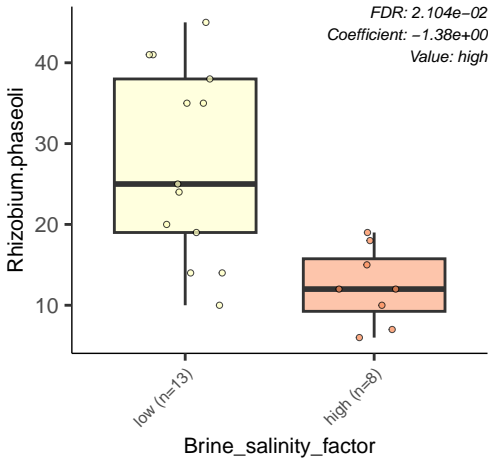
FDR: 2.062e-02
Coefficient: -2.44e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





uncultured.archaeon

FDR: 2.104×10^{-2}
Coefficient: 2.12×10^0
Value: high

3000

2000

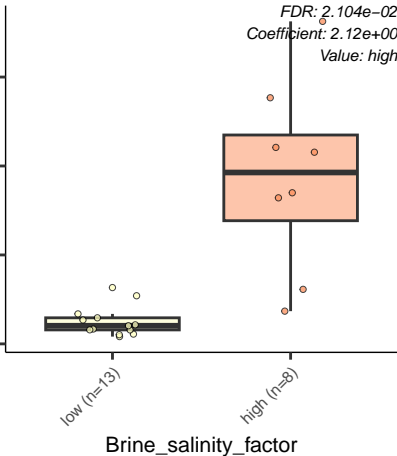
1000

0

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.yunnanense

75

50

25

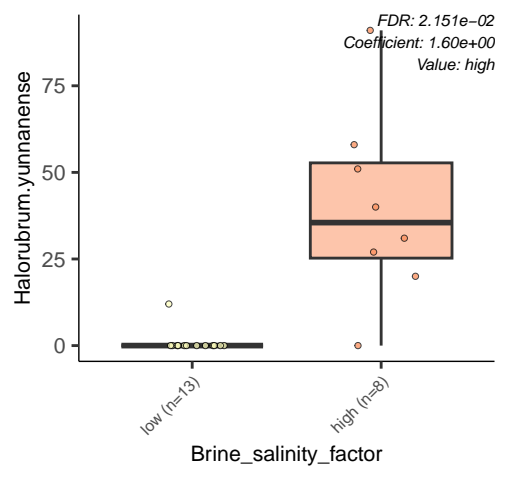
0

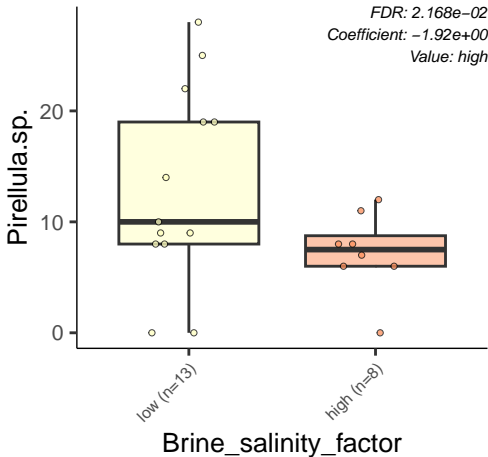
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $2.151e-02$
Coefficient: $1.60e+00$
Value: high





Value: high



30

20

10

0

low ($n=13$)

high ($n=8$)

Brine_salinity_factor

Halopiger.xanaduensis

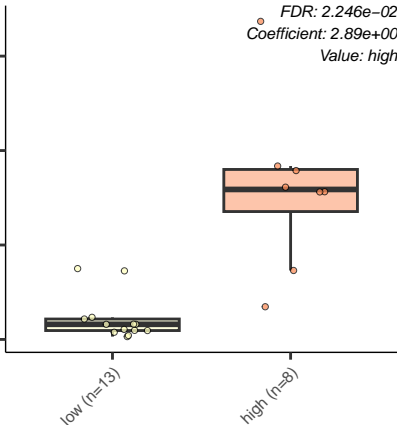
FDR: 2.246e-02
Coefficient: 2.89e+00
Value: high

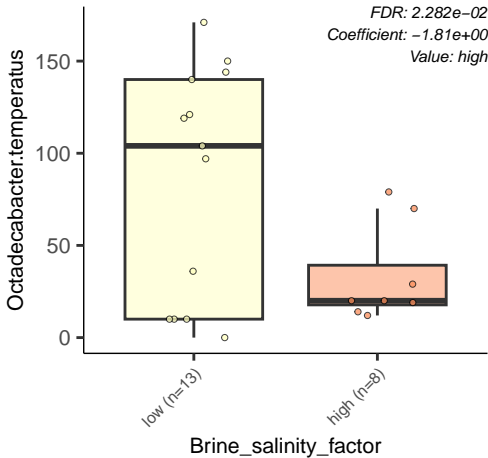
low (n=13)

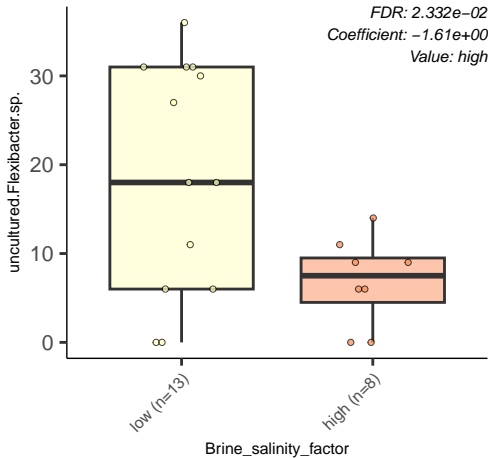
high (n=8)

Brine_salinity_factor

1500
1000
500
0









FDR: 2.349e-02

Coefficient: $-8.98e-01$

Value: high



Brine_salinity_factor

Haloarcula.sp..enrichment.culture

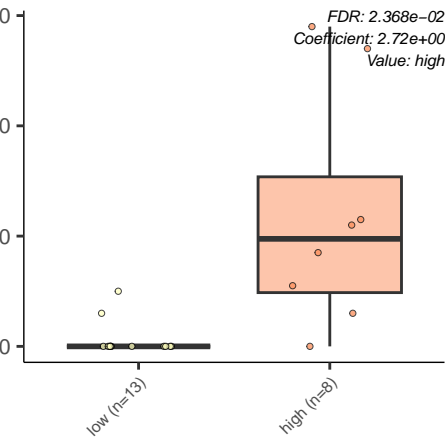
60
40
20
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.368e-02
Coefficient: 2.72e+00
Value: high



Halomicrobium.katesii

20

10

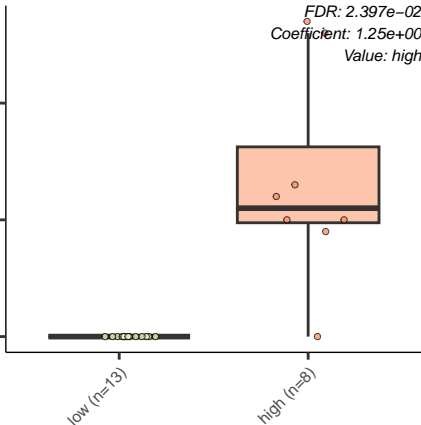
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $2.397e-02$
Coefficient: $1.25e+00$
Value: high



Nanohaloarchaea.archaeon.SG9

200

100

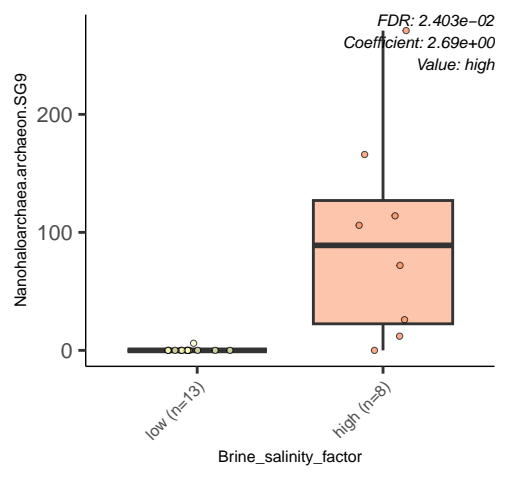
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.403e-02
Coefficient: 2.69e+00
Value: high



Halorubrum.halodurans

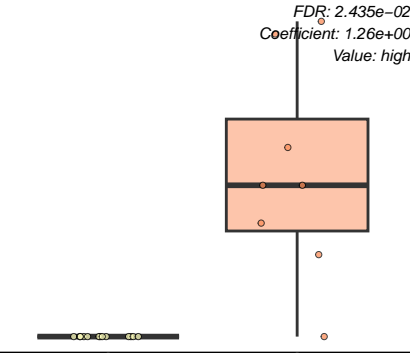
50
40
30
20
10
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 2.435e-02
Coefficient: 1.26e+00
Value: high



Pseudodesulfovibrio.profundus

FDR: $2.437e-02$
Coefficient: $4.51e+00$
Value: high

8000

6000

4000

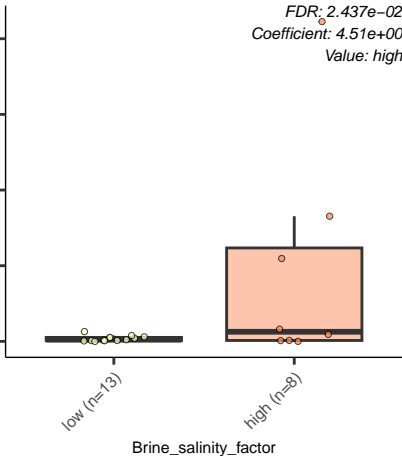
2000

0

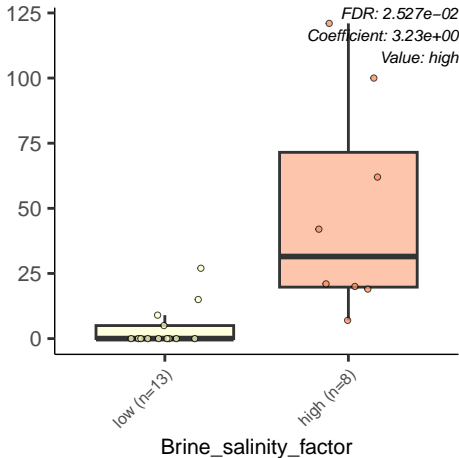
low (n=13)

high (n=8)

Brine_salinity_factor



Halomicroarcula.sp.



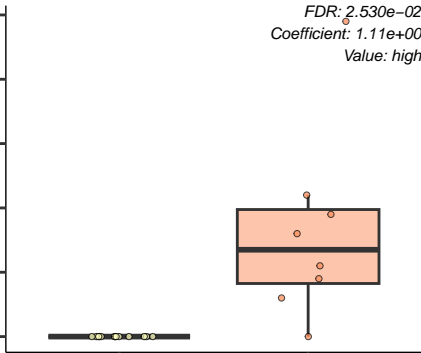
Halorubrum.sp..SP3

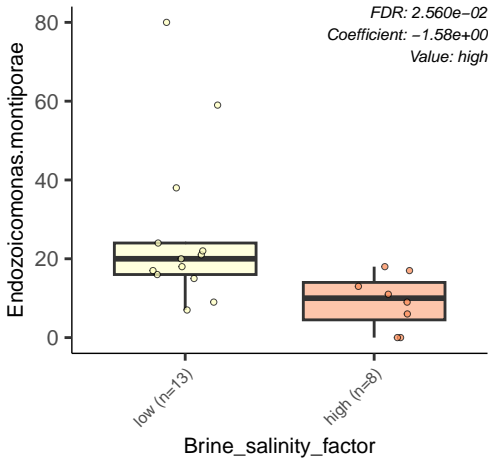
FDR: 2.530e-02
Coefficient: 1.11e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Methylocystis.sp..SC2

FDR: 2.560e-02

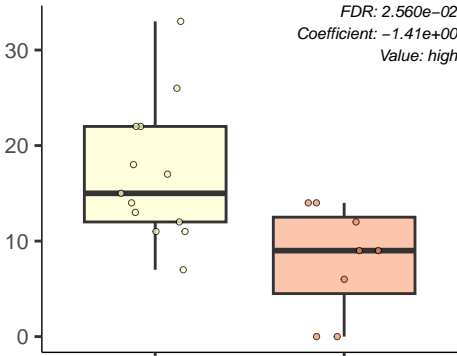
Coefficient: -1.41e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Spingobacterium.mizutaii

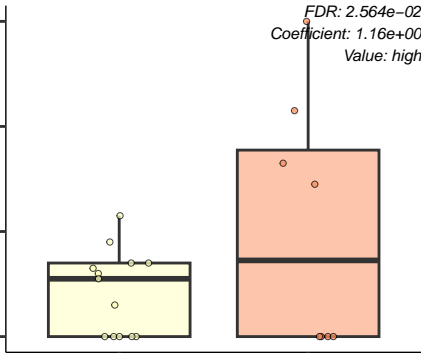
60
40
20
0

low (n=13)

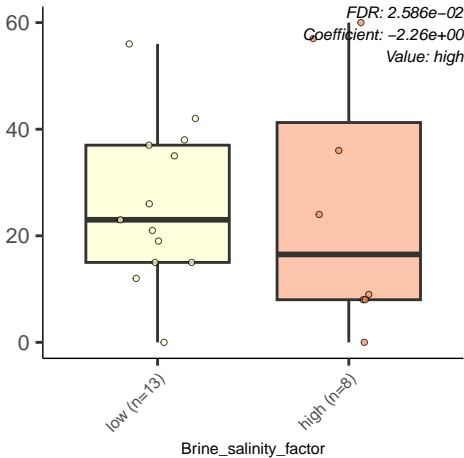
high (n=8)

Brine_salinity_factor

FDR: $2.564e-02$
Coefficient: $1.16e+00$
Value: high



Granulibacter.bethesdensis



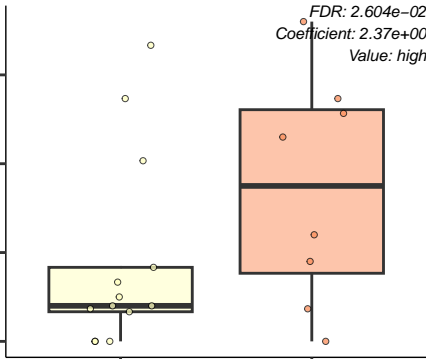
Desulfuromonas.soudanensis

FDR: 2.604e-02
Coefficient: 2.37e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Phycisphaera.mikurensis

FDR: 2.604e-02

Coefficient: -1.34e+00

Value: high

60

40

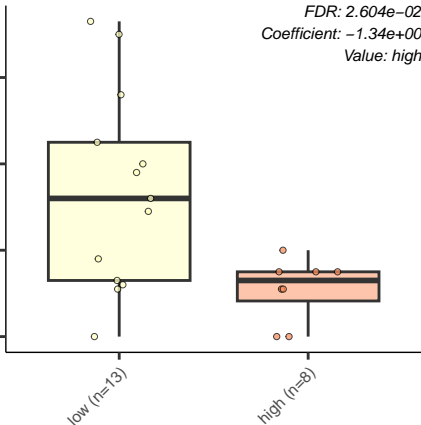
20

0

low (n=13)

high (n=8)

Brine_salinity_factor



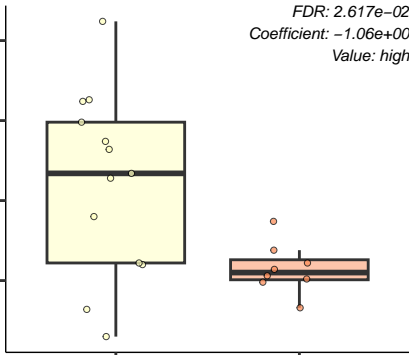
uncultured.planctomycete

FDR: 2.617e-02
Coefficient: -1.06e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



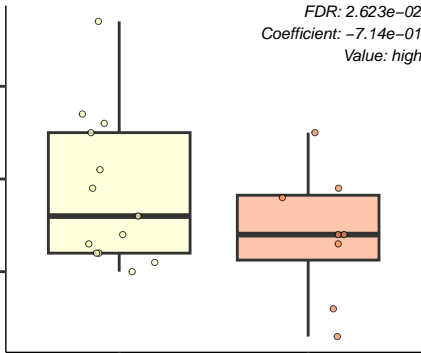
Sinorhizobium.meliloti

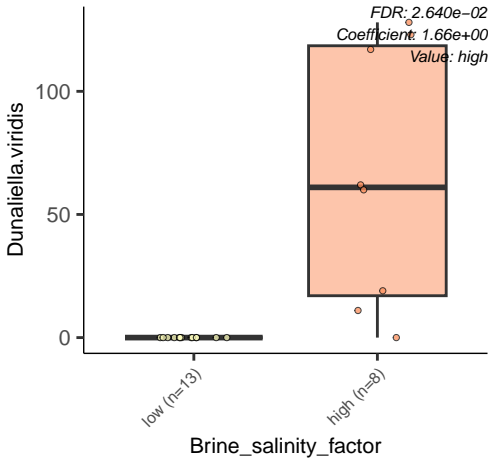
FDR: 2.623e-02
Coefficient: -7.14e-01
Value: high

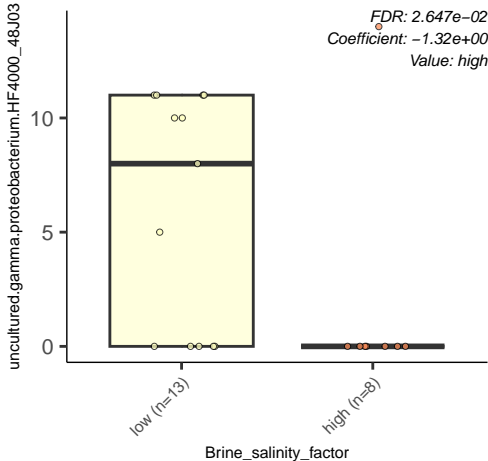
low (n=13)

high (n=8)

Brine_salinity_factor







Aeromonas.hydrophila

FDR: 2.656e-02

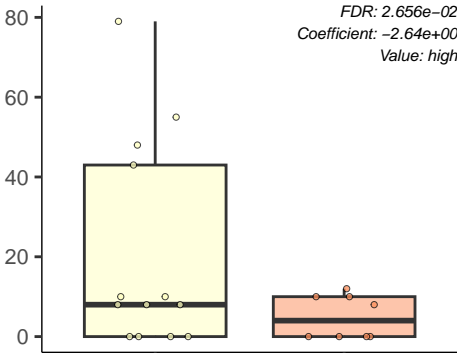
Coefficient: -2.64e+00

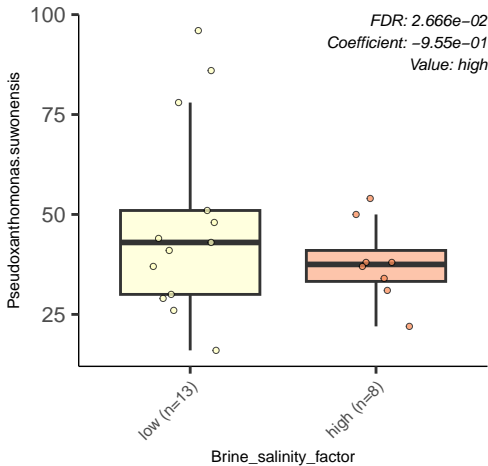
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Polymorphum.gilvum

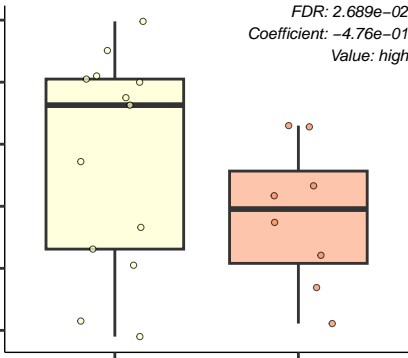
800
700
600
500
400
300

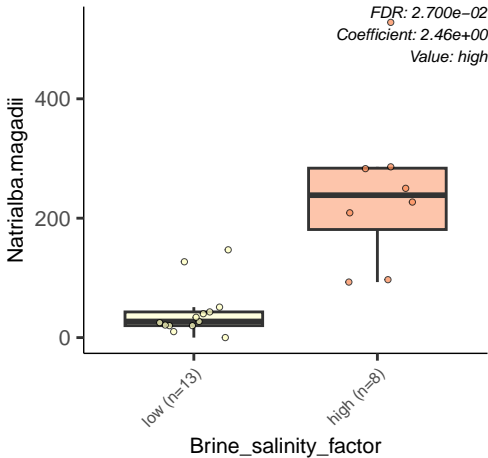
FDR: 2.689e-02
Coefficient: -4.76e-01
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





FDR: 2.706e-02
Coefficient: 3.33e+00
Value: high



low ($n=13$)

high ($n=8$)

Brine_salinity_factor

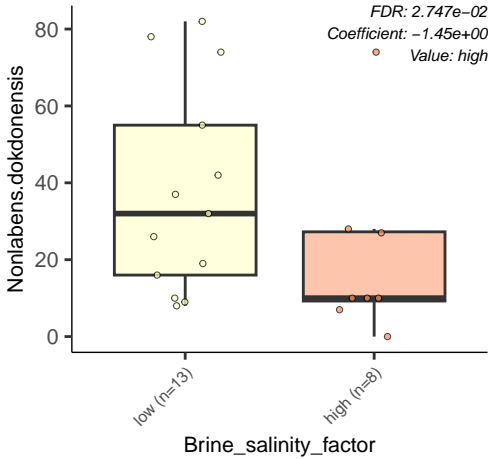
Nonlabens.dokdonensis

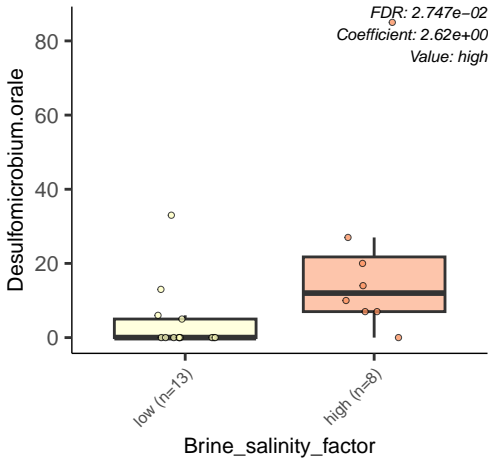
FDR: 2.747e-02
Coefficient: -1.45e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





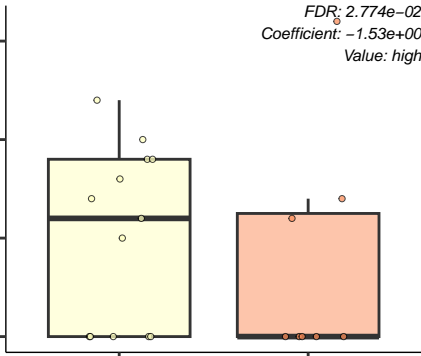
Aeromicrobium.choanae

FDR: 2.774e-02
Coefficient: -1.53e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Leptocylindrus.danicus

FDR: 2.799e-02

Coefficient: -1.19e+00

Value: high

60

40

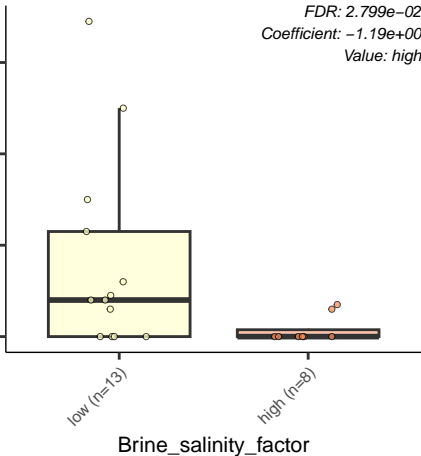
20

0

low (n=13)

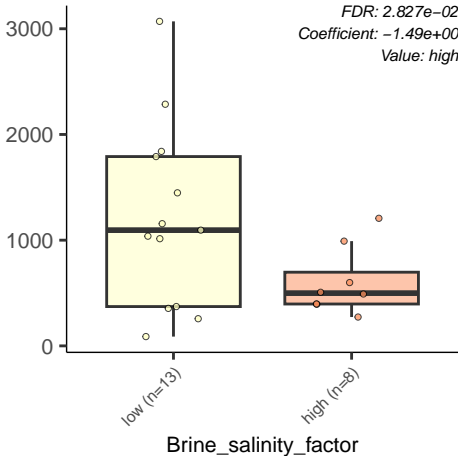
high (n=8)

Brine_salinity_factor



Yoonia.vestfoldensis

FDR: $2.827e-02$
Coefficient: $-1.49e+00$
Value: high



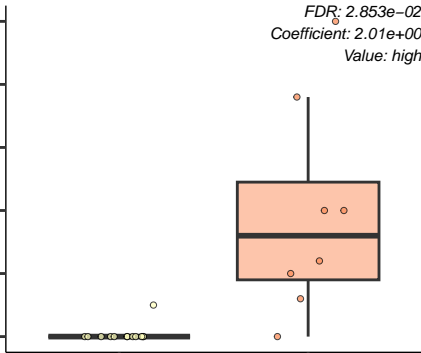
Halorubrum.laminariae

FDR: 2.853e-02
Coefficient: 2.01e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Pseudophaeobacter.leonis

FDR: 2.857e-02
Coefficient: -2.25e+00
Value: high

20

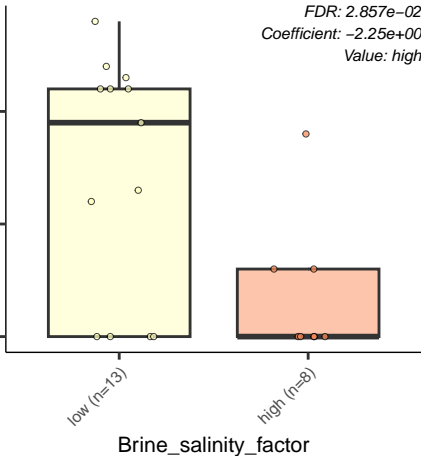
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



Pontibacter.korlensis

FDR: 2.857e-02
Coefficient: 1.75e+00
Value: high

20

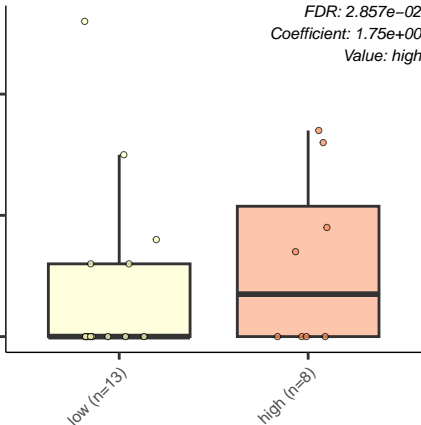
10

0

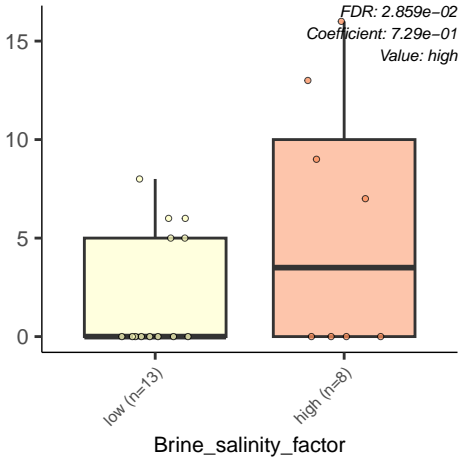
low (n=13)

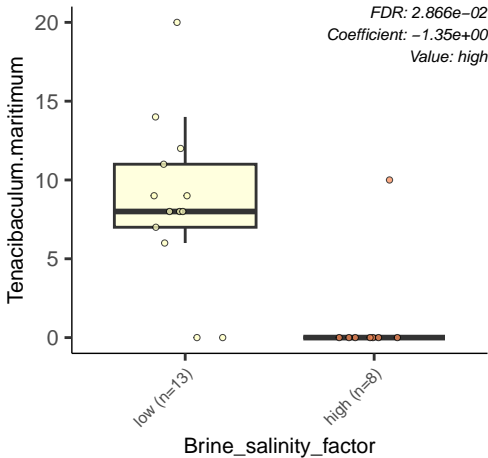
high (n=8)

Brine_salinity_factor



Pelosinus.fermentans





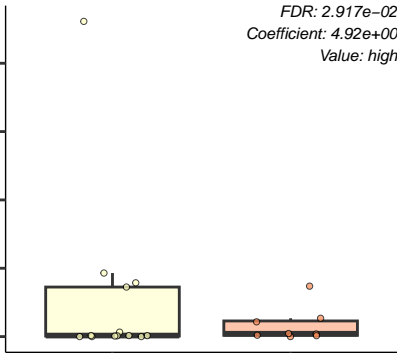
Vibrio.parahaemolyticus

FDR: 2.917e-02
Coefficient: 4.92e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Roseobacter.litoralis

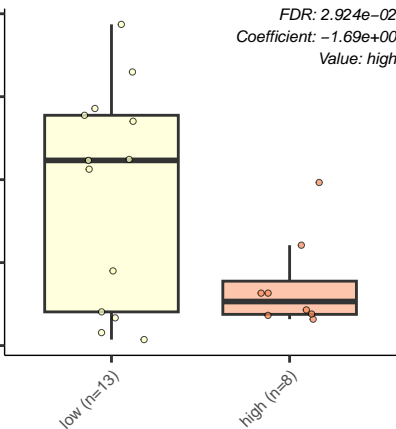
2000
1500
1000
500
0

FDR: 2.924e-02
Coefficient: -1.69e+00
Value: high

low (n=13)

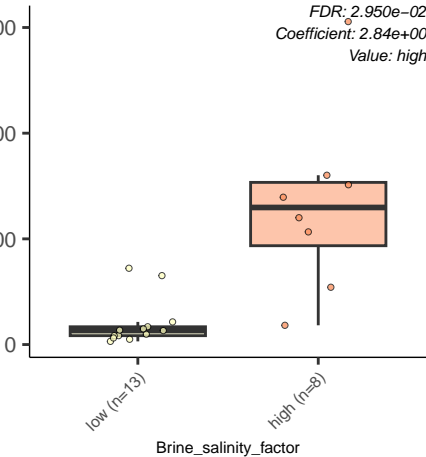
high (n=8)

Brine_salinity_factor



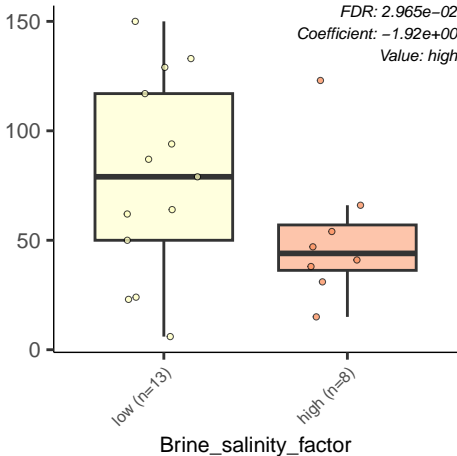
Salinarchaeum.sp..Harcht.Bsk1

FDR: 2.950e-02
Coefficient: 2.84e+00
Value: high



planctomycete.str..139

FDR: 2.965e-02
Coefficient: -1.92e+00
Value: high



Syntrophothermus.lipocalidus

FDR: 2.983e-02
Coefficient: -1.51e+00
Value: high

10

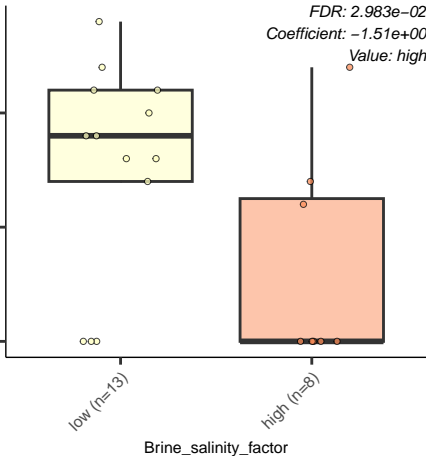
5

0

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.californiense

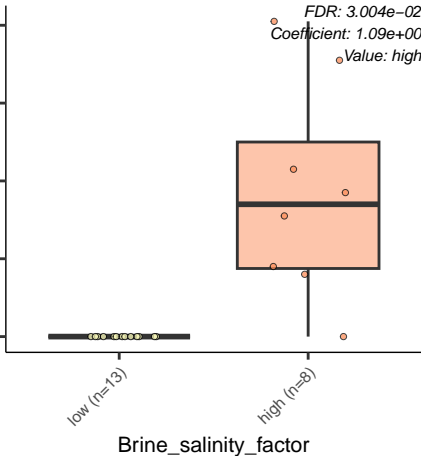
80
60
40
20
0

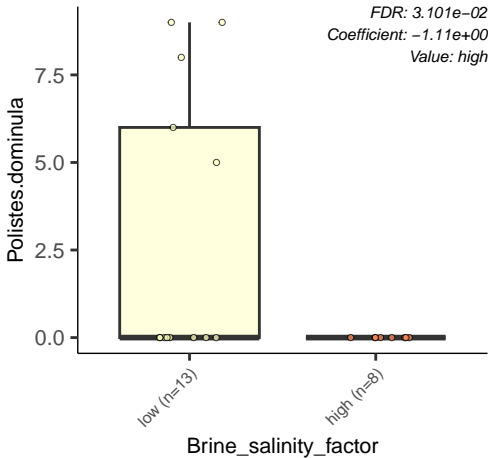
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.004e-02
Coefficient: 1.09e+00
Value: high





Fistulifera.sp..BAPS.52.5

FDR: 3.122e-02

Coefficient: -1.45e+00

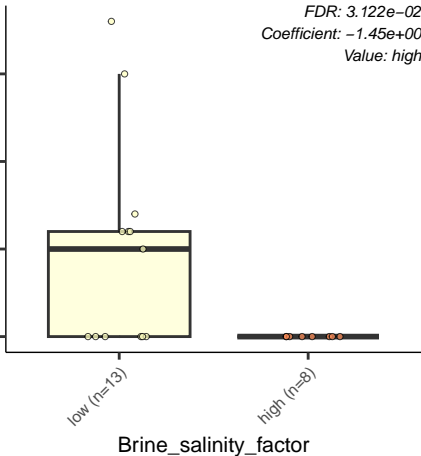
Value: high

15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor



Vibrio.alginolyticus

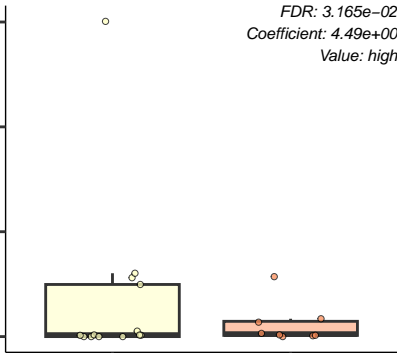
6000
4000
2000
0

FDR: 3.165e-02
Coefficient: 4.49e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Candidatus.Fluvicola.riflensis

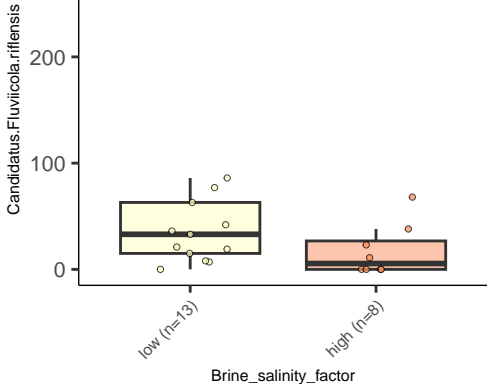
300
200
100
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.167e-02
Coefficient: -1.96e+00
Value: high



Roseovarius.sp..HLSB76

FDR: 3.171e-02

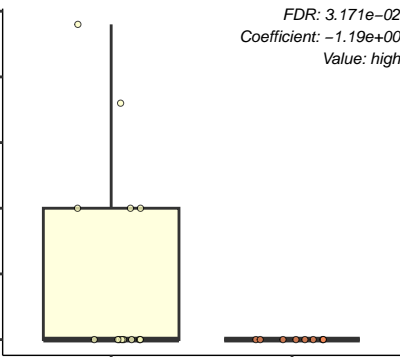
Coefficient: -1.19e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Haloplanus.salinus

FDR: 3.203e-02
Coefficient: 2.98e+00
Value: high

600

400

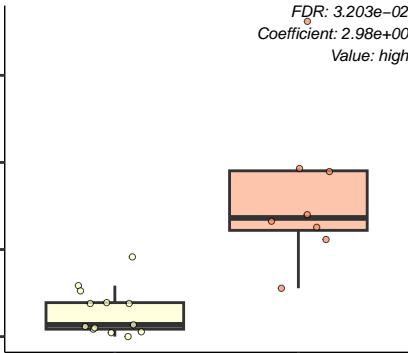
200

0

low (n=13)

high (n=8)

Brine_salinity_factor



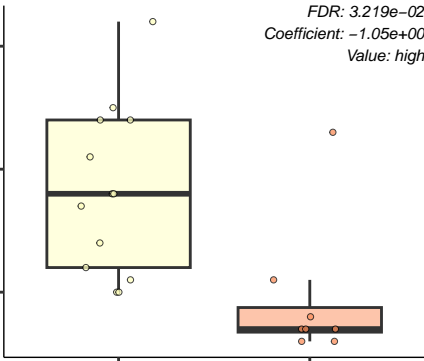
Novosphingobium.resinovorum

FDR: 3.219e-02
Coefficient: -1.05e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.halophilum

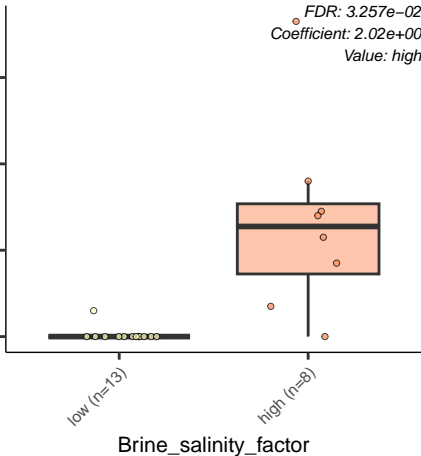
FDR: 3.257e-02
Coefficient: 2.02e+00
Value: high

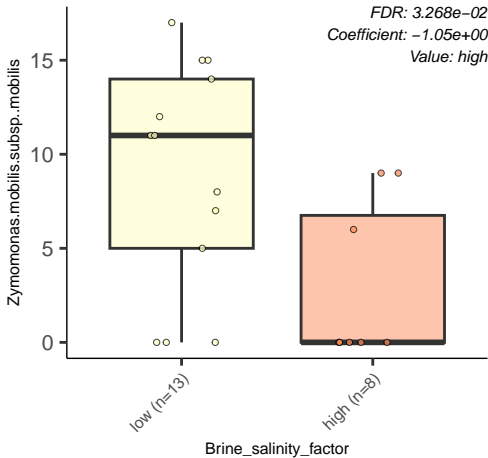
60
40
20
0

low (n=13)

high (n=8)

Brine_salinity_factor





Halobellus.rufus

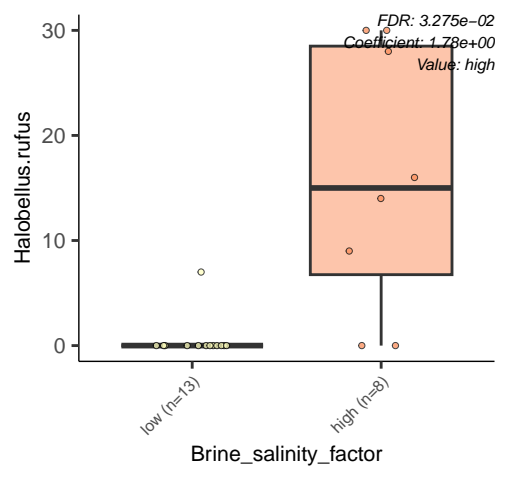
30
20
10
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.275e-02
Coefficient: 1.78e+00
Value: high



uncultured.Halorubrum.sp.

FDR: 3.309e-02
Coefficient: 1.59e+00
Value: high

low (n=13)

high (n=8)

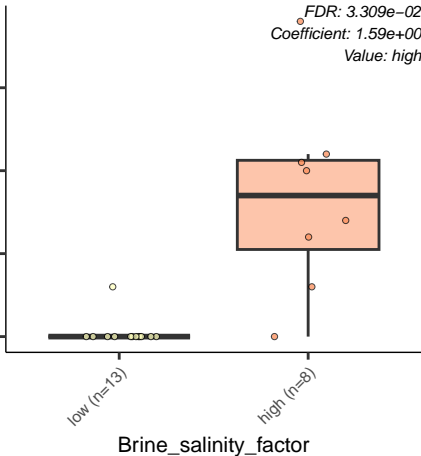
Brine_salinity_factor

30

20

10

0



Celeribacter.marinus

FDR: 3.325e-02

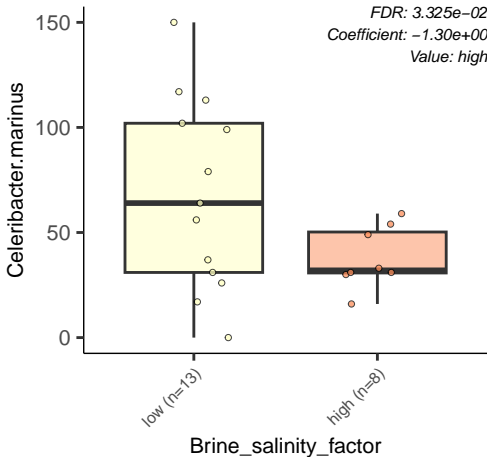
Coefficient: -1.30e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Jannaschia.sp..CCS1

600

400

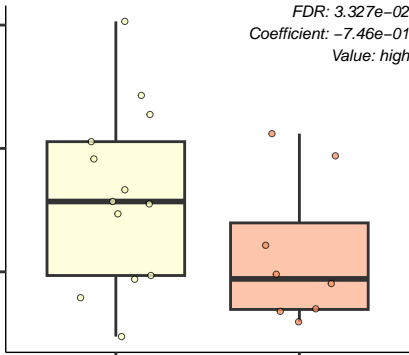
200

low (n=13)

FDR: 3.327e-02
Coefficient: -7.46e-01
Value: high

high (n=8)

Brine_salinity_factor



uncultured.euryarchaeote

FDR: 3.329e-02
Coefficient: 2.23e+00
Value: high

400

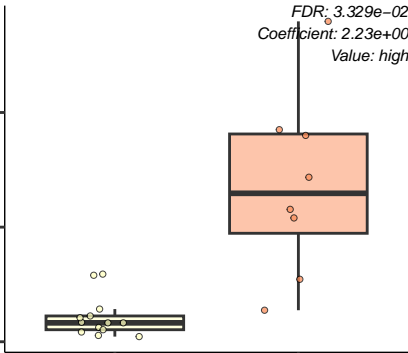
200

0

low (n=13)

high (n=8)

Brine_salinity_factor

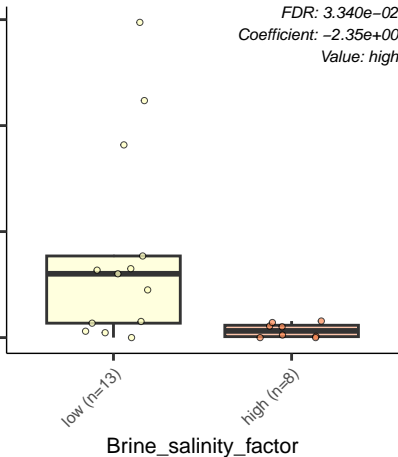


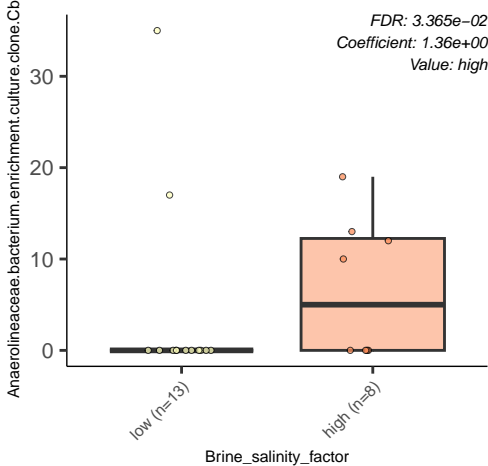
Cylindrotheca.closterium

FDR: 3.340e-02

Coefficient: -2.35e+00

Value: high







FDR: 3.415e-02

Coefficient: $-1.40e+00$

Value: high



Brine_salinity_factor

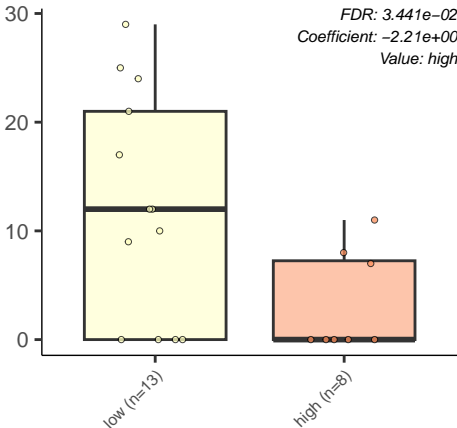
Lotharella.vacuolata

FDR: $3.441e-02$
Coefficient: $-2.21e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Rhodovulum.sp..JZ3A21

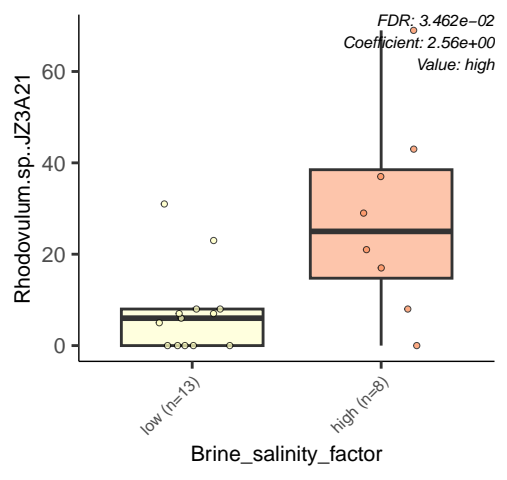
FDR: $3.462e-02$
Coefficient: $2.56e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

60
40
20
0



Thiomicrospira.aerophila

FDR: 3.484e-02
Coefficient: 2.25e+00
Value: high

30

20

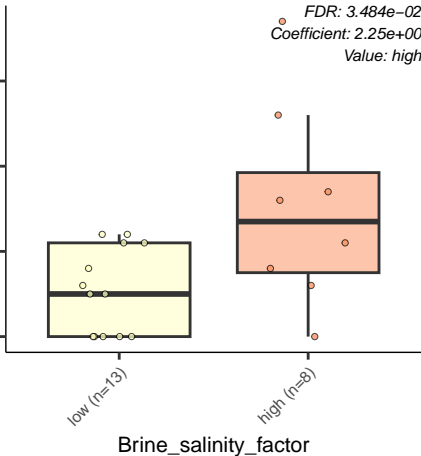
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



Pseudomonas.koreensis

10

5

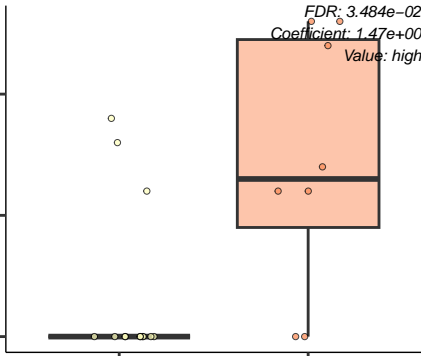
0

low (n=13)

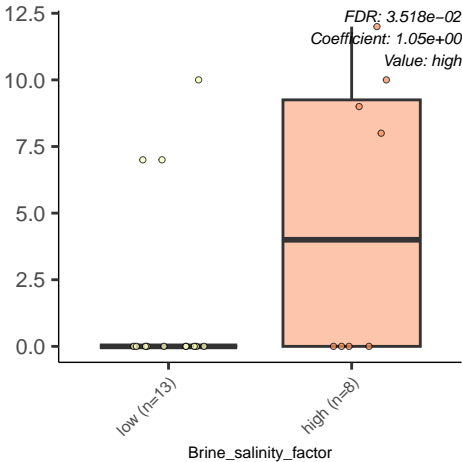
high (n=8)

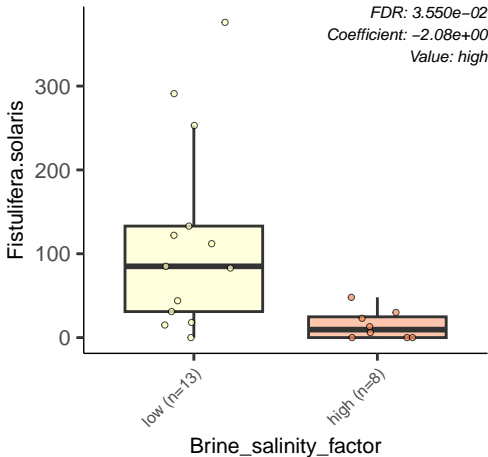
Brine_salinity_factor

FDR: 3.484e-02
Coefficient: 1.47e+00
Value: high



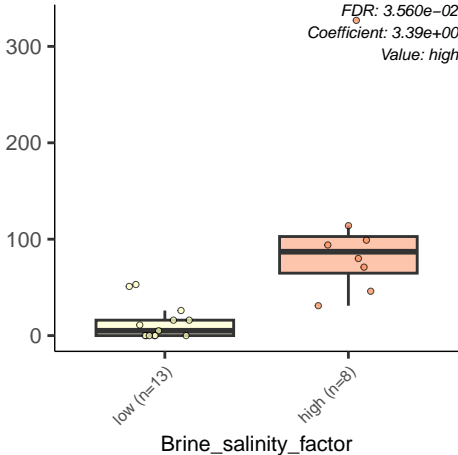
Pseudorhodobacter.ferrugineus





Haloplanus.natans

FDR: 3.560e-02
Coefficient: 3.39e+00
Value: high





low ($n=13$)

high ($n=8$)

Brine_salinity_factor

FDR: 3.630e-02
Coefficient: 3.54e+00
Value: high

Acetohalobium.arabaticum

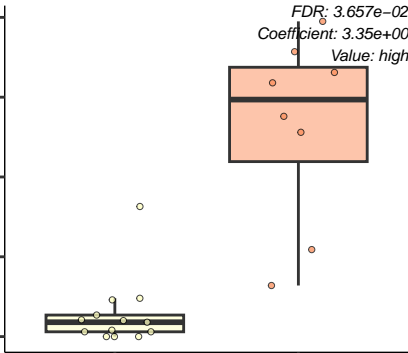
400
300
200
100
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.657e-02
Coefficient: 3.35e+00
Value: high



gamma.proteobacterium.endosymbiont.of.Solemya.velu

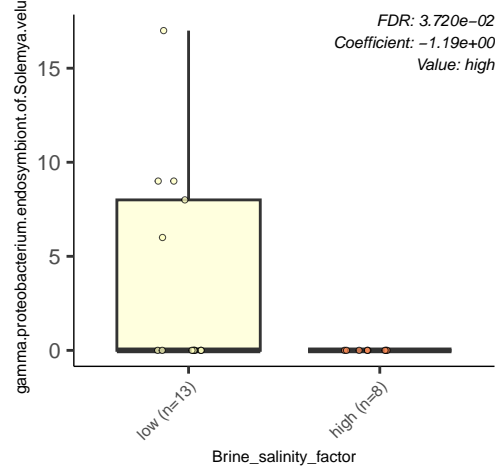
FDR: 3.720e-02
Coefficient: -1.19e+00
Value: high

15
10
5
0

low (n=13)

high (n=8)

Brine_salinity_factor



Newhousia.imbricata

FDR: $3.738e-02$

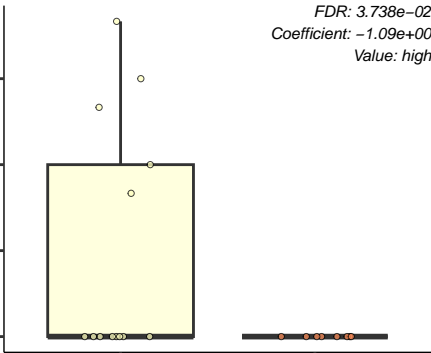
Coefficient: $-1.09e+00$

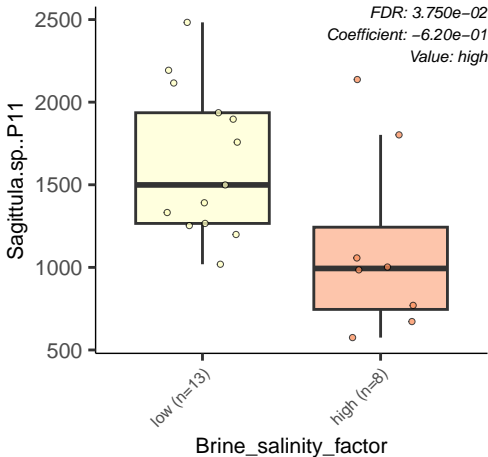
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Bernardetia.litoralis

FDR: 3.751e-02

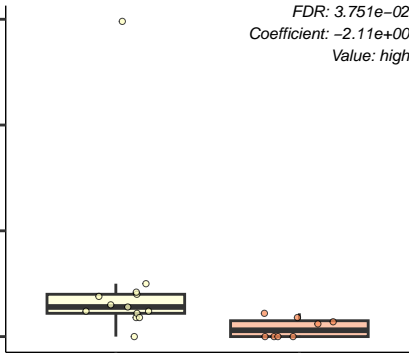
Coefficient: -2.11e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Nonlabens.sediminis

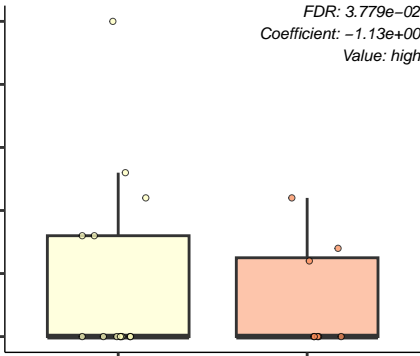
25
20
15
10
5
0

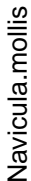
low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 3.779e-02
Coefficient: -1.13e+00
Value: high





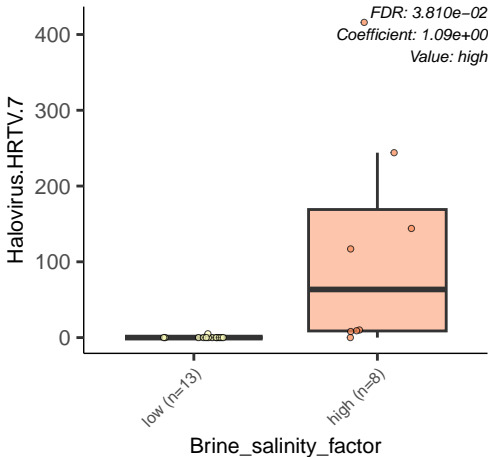
FDR: 3.779e-02

Coefficient: $-1.67e+00$

Value: high



Brine_salinity_factor



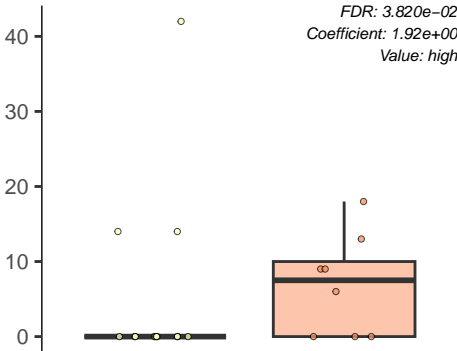
Sulfurovum.sp..NBC37.1

FDR: 3.820e-02
Coefficient: 1.92e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



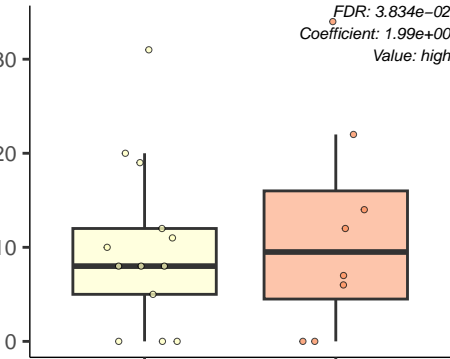
gamma.proteobacterium.HdN1

FDR: $3.834e-02$
Coefficient: $1.99e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



uncultured.bacterium.GRIST08

FDR: 3.853e-02
Coefficient: -1.45e+00
Value: high

40

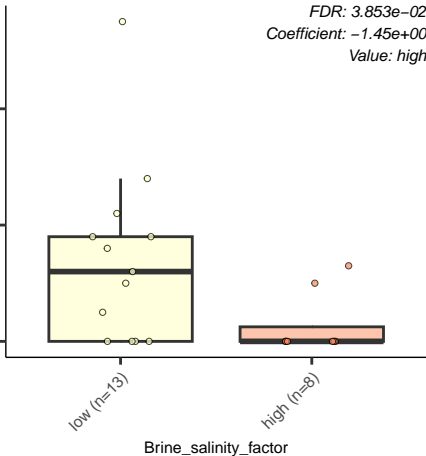
20

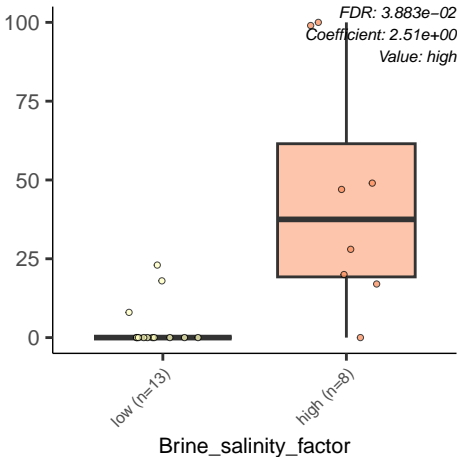
0

low (n=13)

high (n=8)

Brine_salinity_factor





Halobacteriaceae.archaeon.SHR3

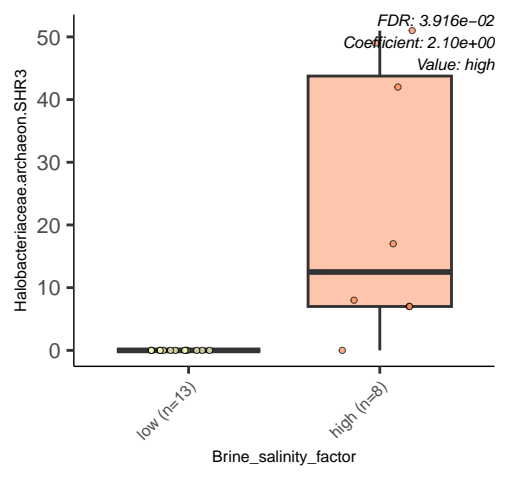
50
40
30
20
10
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $3.916e-02$
Coefficient: $2.10e+00$
Value: high



Burkholderia.cepacia.complex

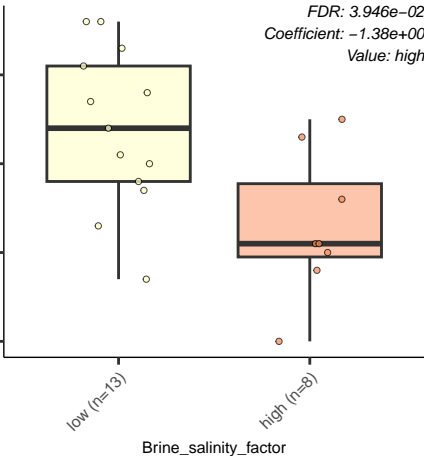
FDR: 3.946e-02
Coefficient: -1.38e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor

30
20
10
0



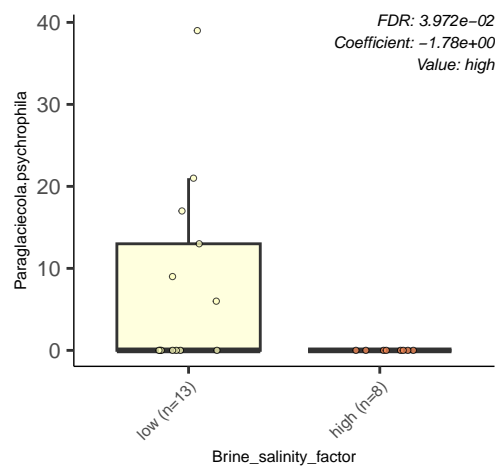
Paraglaecicola.psychrophila

FDR: 3.972e-02
Coefficient: -1.78e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Halorubrum.tebenquichense

40

20

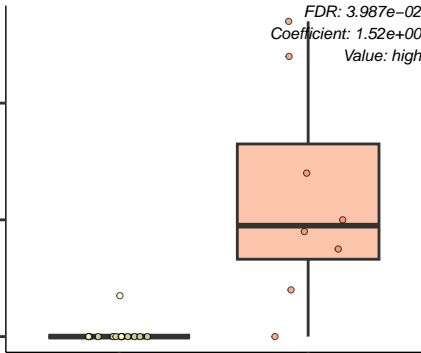
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $3.987e-02$
Coefficient: $1.52e+00$
Value: high



Haloterrigena.turkmenica

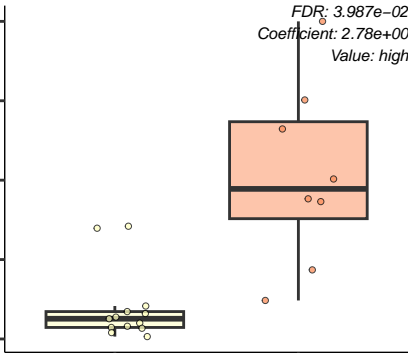
800
600
400
200
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: $3.987e-02$
Coefficient: $2.78e+00$
Value: high



Paracoccus.zhejiangensis

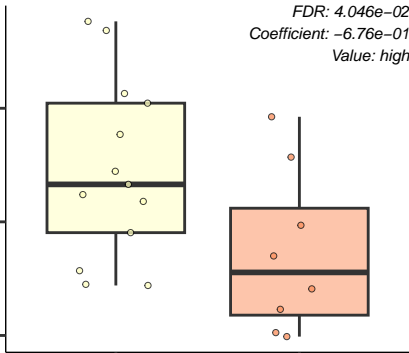
FDR: $4.046e-02$
Coefficient: $-6.76e-01$
Value: high

600
400
200

low (n=13)

high (n=8)

Brine_salinity_factor



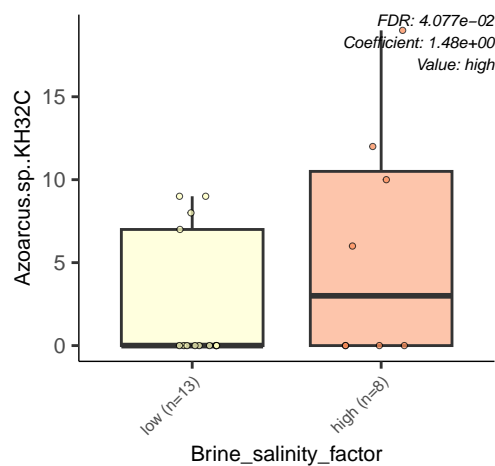
Azoarcus.sp..KH32C

FDR: $4.077e-02$
Coefficient: $1.48e+00$
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Archangium.gephyra

FDR: $4.173e-02$

Coefficient: $-1.18e+00$

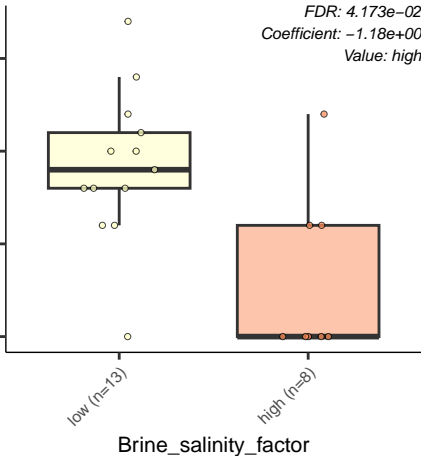
Value: high

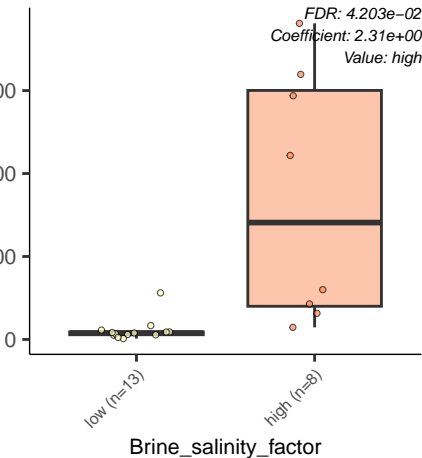
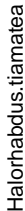
low (n=13)

high (n=8)

Brine_salinity_factor

15
10
5
0





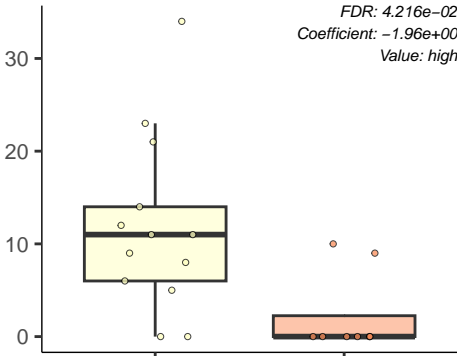
Formosa.sp..Hel1_33_131

FDR: 4.216e-02
Coefficient: -1.96e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Erythrobacter.seohaensis

FDR: 4.271e-02
Coefficient: 1.13e+00
Value: high

75

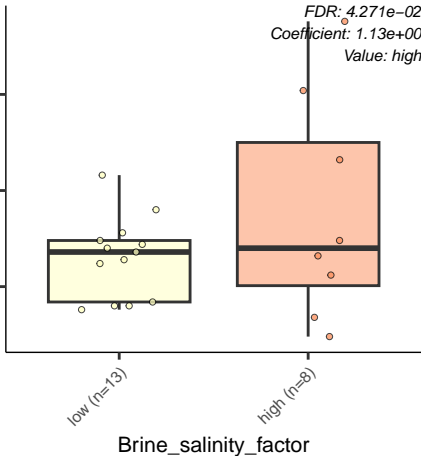
50

25

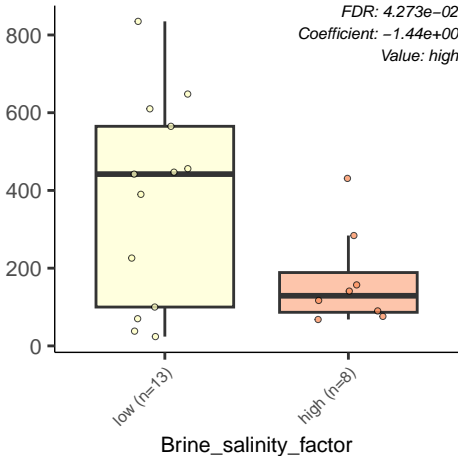
low (n=13)

high (n=8)

Brine_salinity_factor



Phaeobacter.piscinae



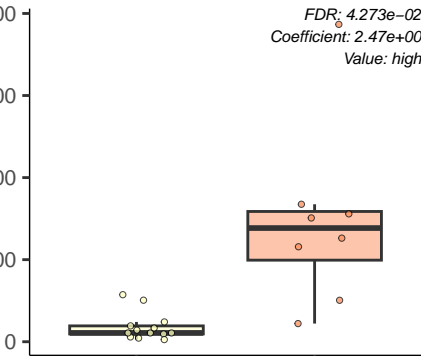
Halorientalis.sp..IM1011

FDR: 4.273e-02
Coefficient: 2.47e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Nonlabens.spongiae

FDR: 4.303e-02

Coefficient: -1.79e+00

Value: high

200

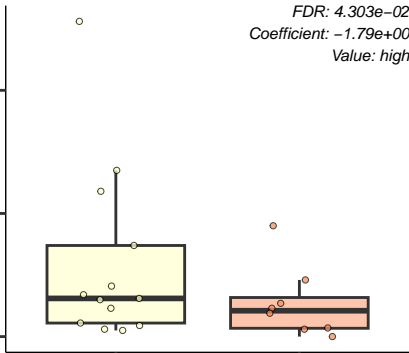
100

0

low (n=13)

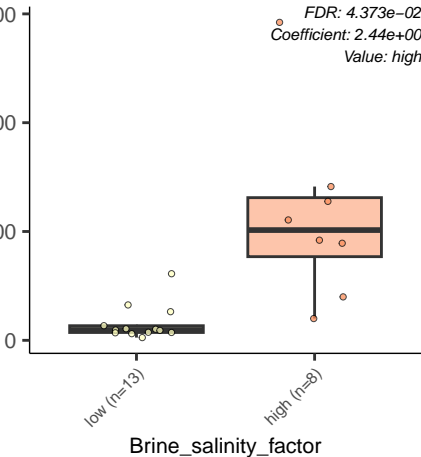
high (n=8)

Brine_salinity_factor



Haloferax.mediterranei

FDR: 4.373e-02
Coefficient: 2.44e+00
Value: high



Desulfuromonas.sp..DDH964

100

50

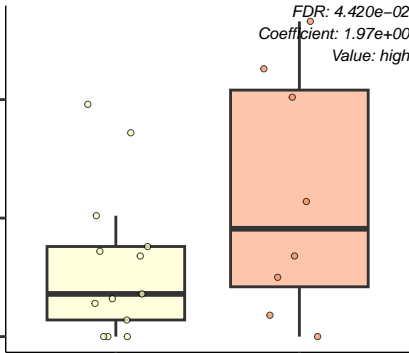
0

low (n=13)

high (n=8)

Brine_salinity_factor

FDR: 4.420e-02
Coefficient: 1.97e+00
Value: high



Value: high



uncultured.Desulfotignum.sp.

FDR: 4.520e-02
Coefficient: 2.34e+00
Value: high

20

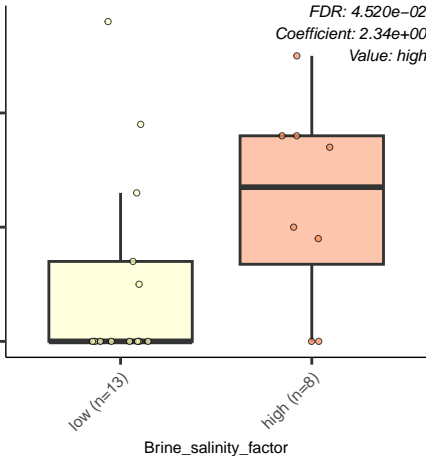
10

0

low (n=13)

high (n=8)

Brine_salinity_factor



Lacinutrix.sp..5H.3.7.4

FDR: 4.591e-02

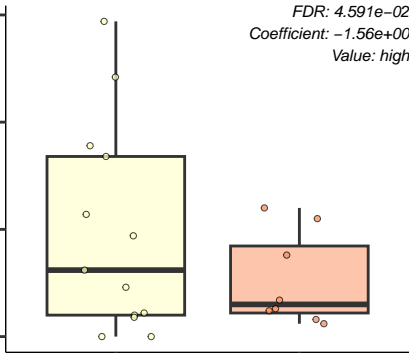
Coefficient: -1.56e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Spingopyxis.sp..113P3

FDR: 4.618e-02

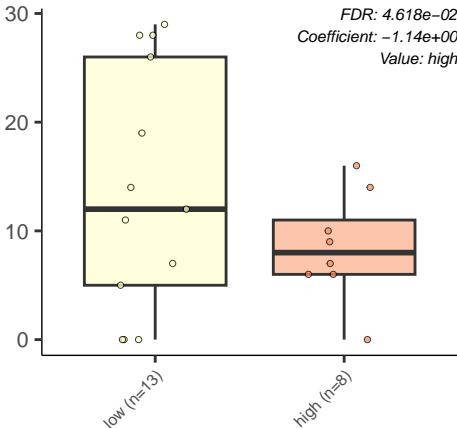
Coefficient: -1.14e+00

Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Xanthomonas.fragariae

FDR: 4.713e-02

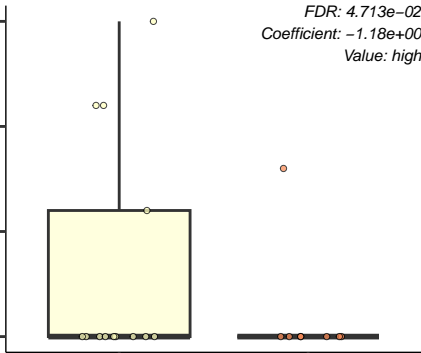
Coefficient: -1.18e+00

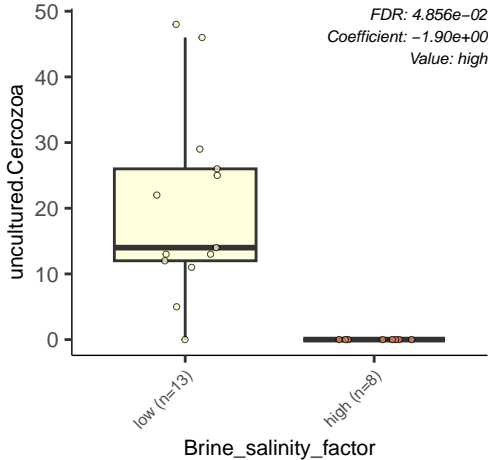
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor





Value: high



low (n=13)

high ($n=8$)

Brine_salinity_factor

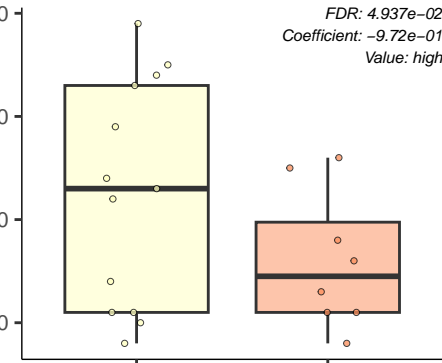
Spingomonas.asaccharolytica

FDR: 4.937e-02
Coefficient: -9.72e-01
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



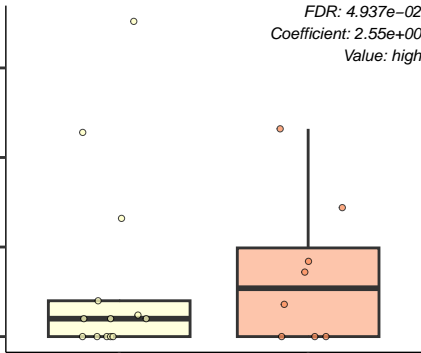
Sulfurovum.lithotrophicum

FDR: 4.937e-02
Coefficient: 2.55e+00
Value: high

low (n=13)

high (n=8)

Brine_salinity_factor



Formosa.sp..Hel3_A1_48

FDR: 4.975e-02

Coefficient: -1.33e+00

Value: high

20

10

0

low (n=13)

high (n=8)

Brine_salinity_factor

