

Holdemania

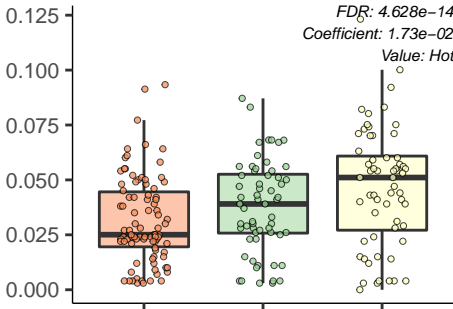
FDR: 4.628e-14
Coefficient: 1.73e-02
Value: Hot

Frozen (n=90)

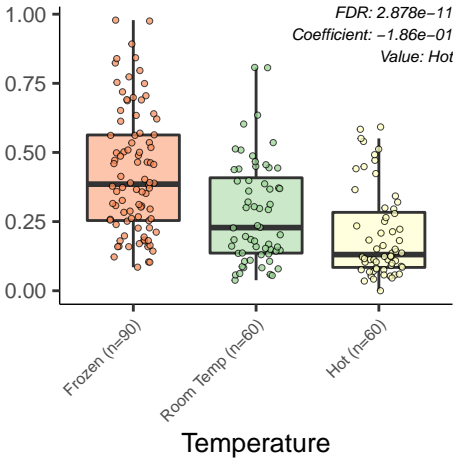
Room Temp (n=60)

Hot (n=60)

Temperature



Anaerobutyricum



Fusicatenibacter

2.0
1.5
1.0
0.5
0.0

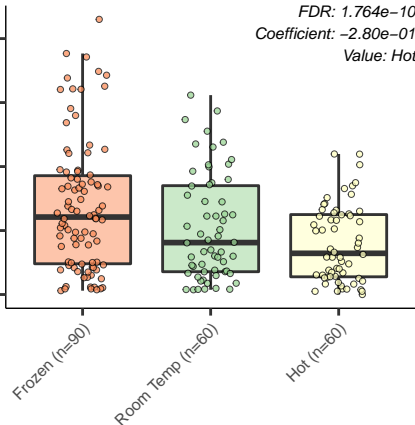
Frozen (n=90)

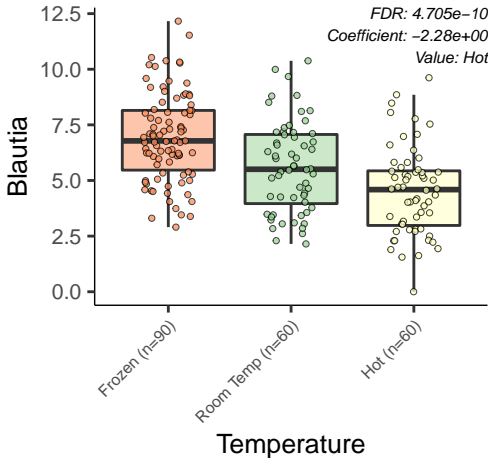
Room Temp (n=60)

Hot (n=60)

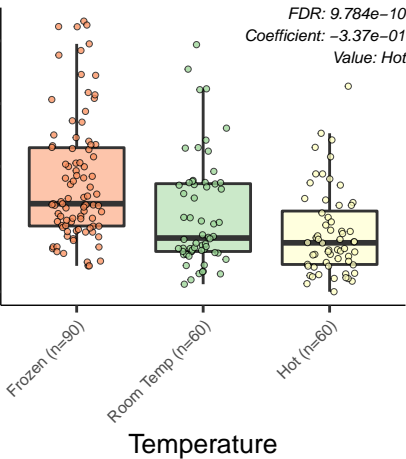
Temperature

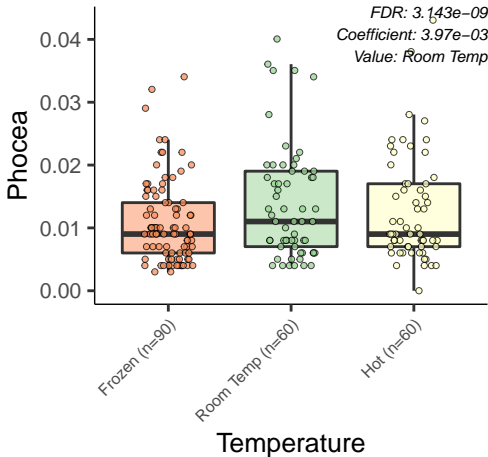
FDR: 1.764×10^{-10}
Coefficient: -2.80×10^{-1}
Value: Hot

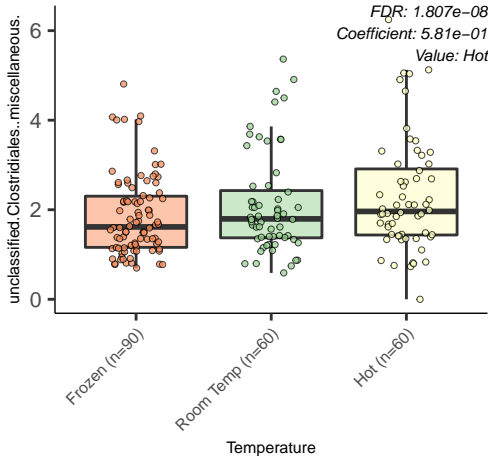


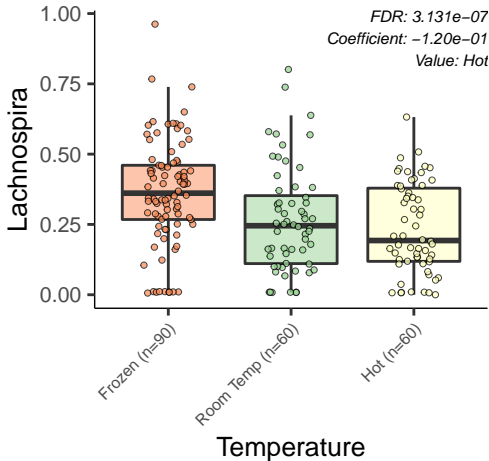


Anaerostipes









Oscillibacter

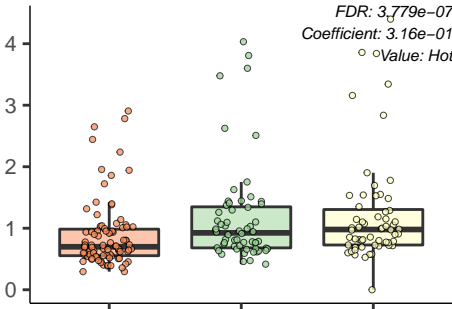
FDR: 3.779e-07
Coefficient: 3.16e-01
○ Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

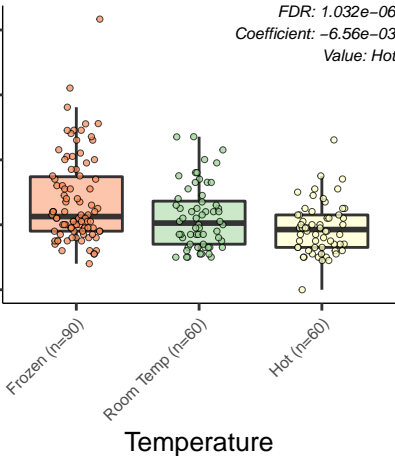


Faecalicatea

FDR: 1.032e-06

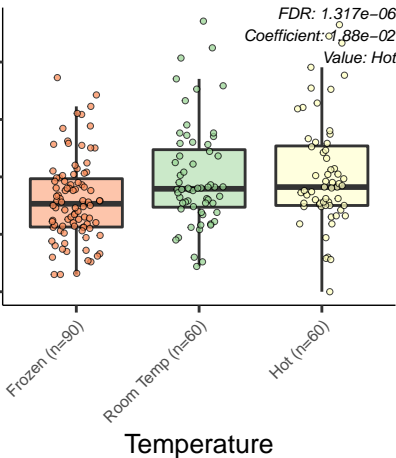
Coefficient: -6.56e-03

Value: Hot



Temperature

Dysosmobacter



crAss.like.viruses

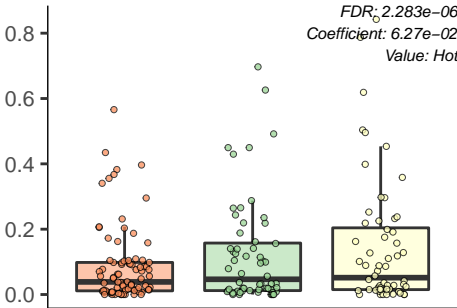
FDR: 2.283e-06
Coefficient: 6.27e-02
Value: Hot

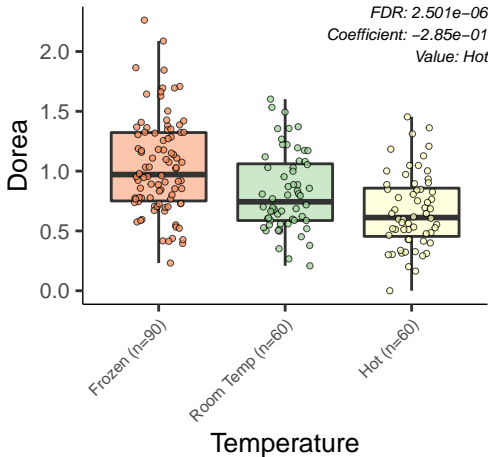
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Romboutsia

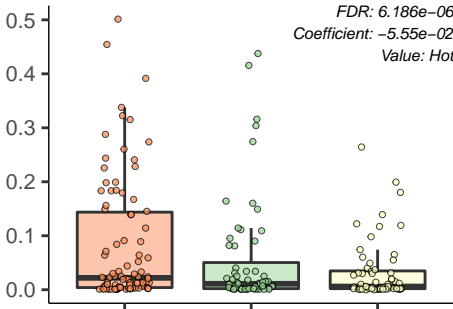
FDR: 6.186e-06
Coefficient: -5.55e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Streptococcus

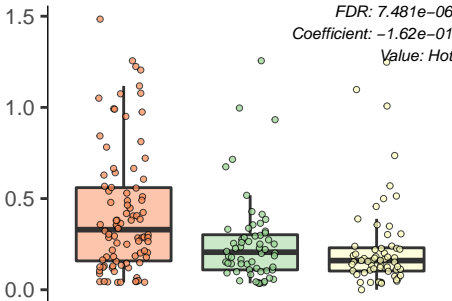
FDR: 7.481e-06
Coefficient: -1.62e-01
Value: Hot

Frozen (n=90)

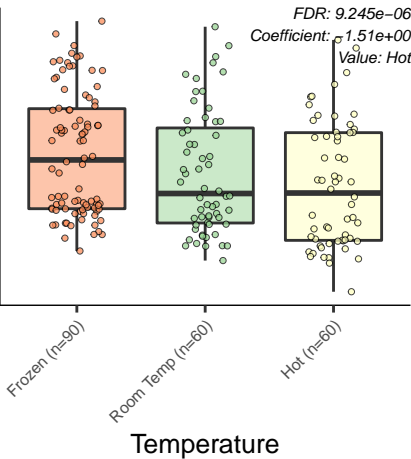
Room Temp (n=60)

Hot (n=60)

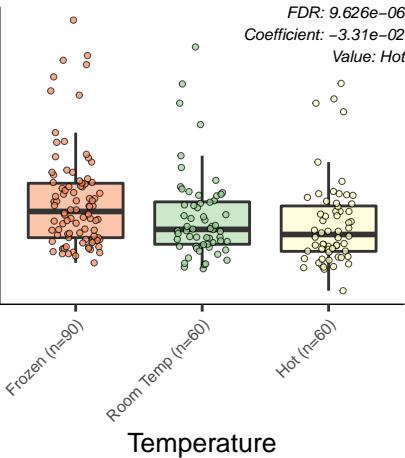
Temperature



Ruminococcus



Clostridioides



Bifidobacterium

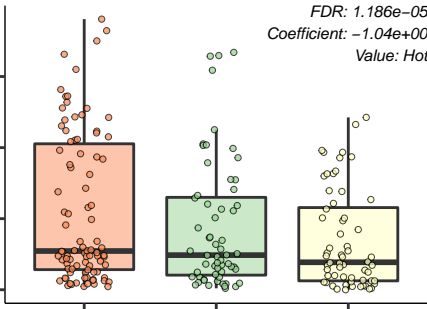
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: $1.186e-05$
Coefficient: $-1.04e+00$
Value: Hot



unclassified.Ruminococcaceae

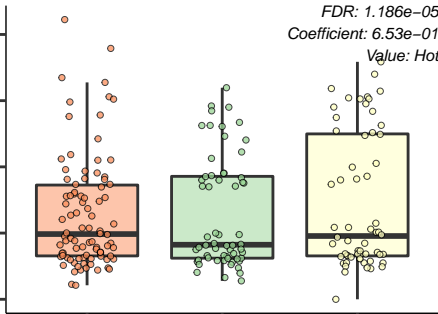
FDR: 1.186e-05
Coefficient: 6.53e-01
Value: Hot

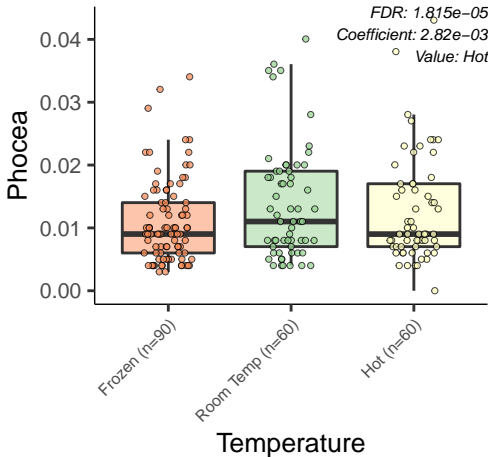
Frozen (n=90)

Room Temp (n=60)

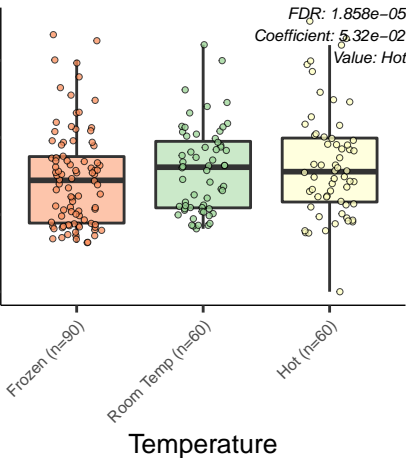
Hot (n=60)

Temperature





Flavonifractor



Oscillibacter

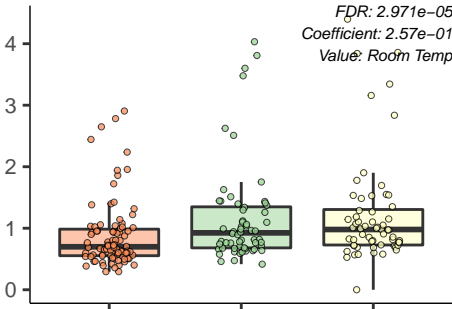
FDR: 2.971e-05
Coefficient: 2.57e-01
Value: Room Temp

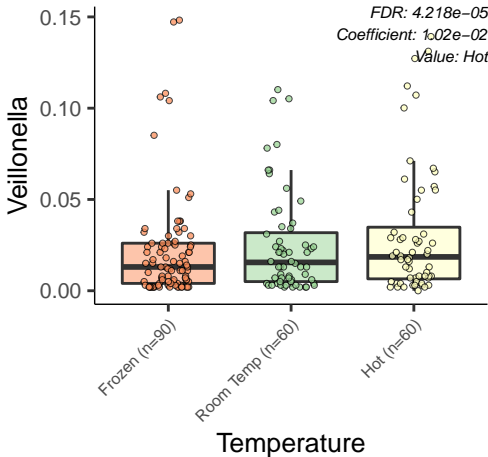
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Dysosmobacter

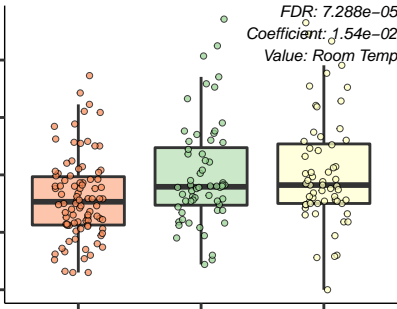
FDR: 7.288e-05
Coefficient: 1.54e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

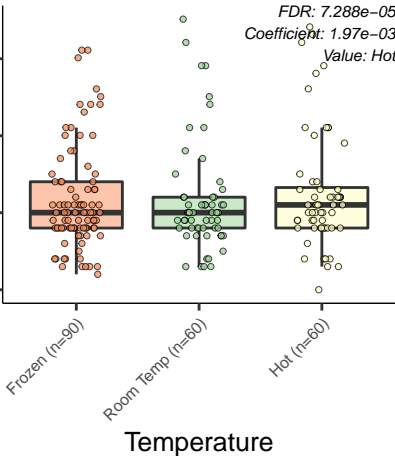
Hot (n=60)

Temperature



Catabacter

FDR: 7.288e-05
Coefficient: 1.97e-03
Value: Hot



Agathobaculum

FDR: 8.021e-05

Coefficient: -3.02e-03

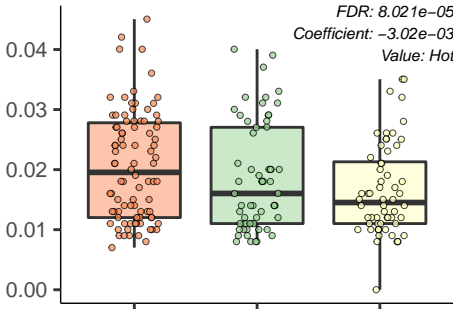
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Gordonibacter

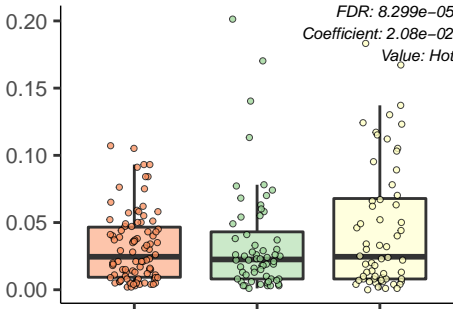
FDR: $8.299\text{e-}05$
Coefficient: $2.08\text{e-}02$
Value: Hot

Frozen (n=90)

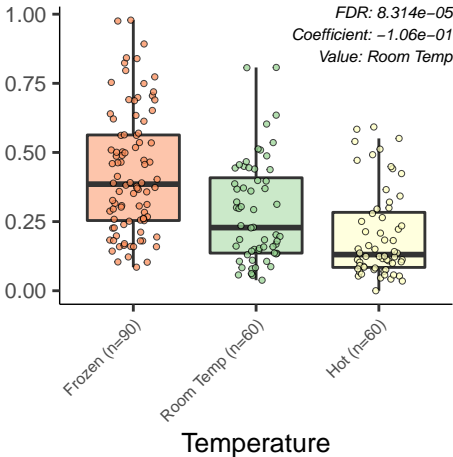
Room Temp (n=60)

Hot (n=60)

Temperature



Anaerobutyricum



Lachnospira

1.00
0.75
0.50
0.25
0.00

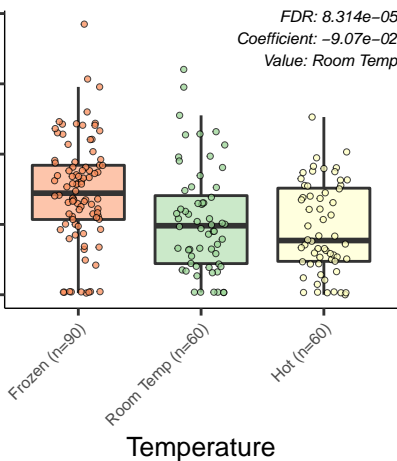
FDR: 8.314e-05
Coefficient: -9.07e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Anaeromassilibacillus

FDR: 8.678e-05
Coefficient: 5.33e-03
Value: Hot

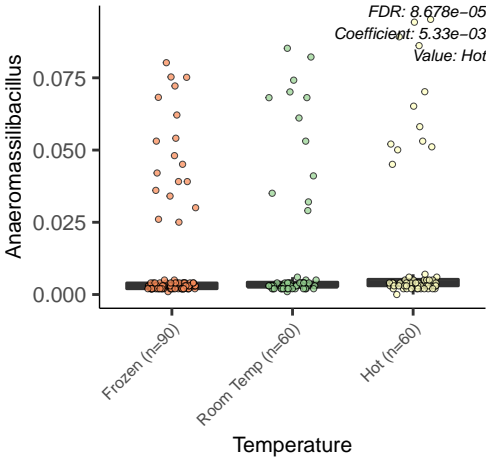
0.075
0.050
0.025
0.000

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



unclassified.Clostridiales..miscellaneous.

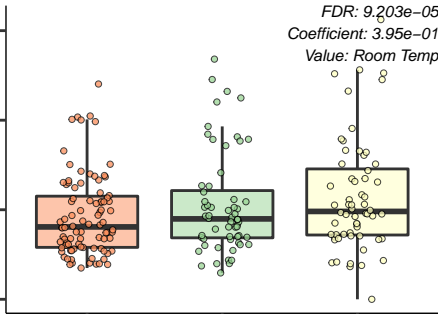
FDR: 9.203e-05
Coefficient: 3.95e-01
Value: Room Temp

Frozen (n=90)

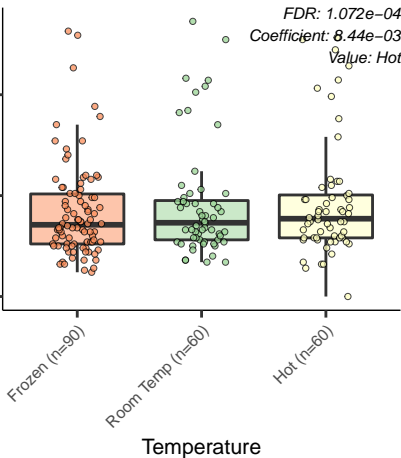
Room Temp (n=60)

Hot (n=60)

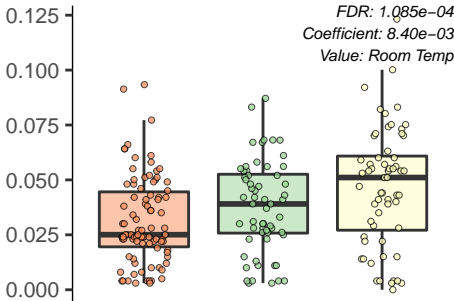
Temperature



Pseudoflavonifractor



Holdemania



FDR: 1.085e-04

Coefficient: 8.40e-03

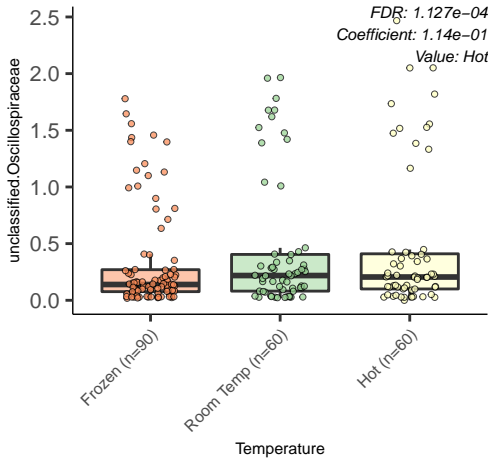
Value: Room Temp

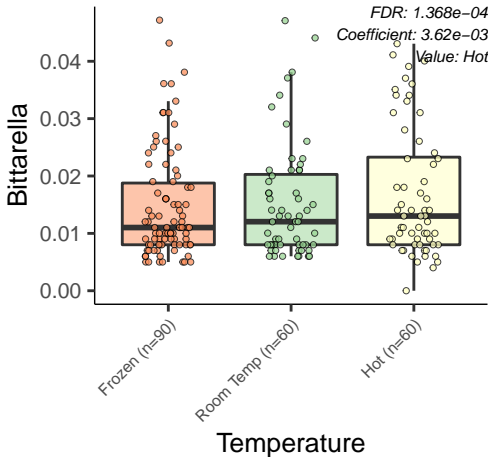
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Streptococcus

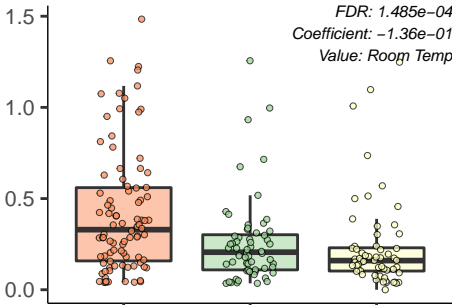
FDR: 1.485e-04
Coefficient: -1.36e-01
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Christensenella

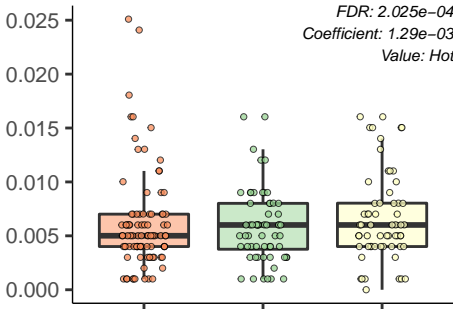
FDR: 2.025e-04
Coefficient: 1.29e-03
Value: Hot

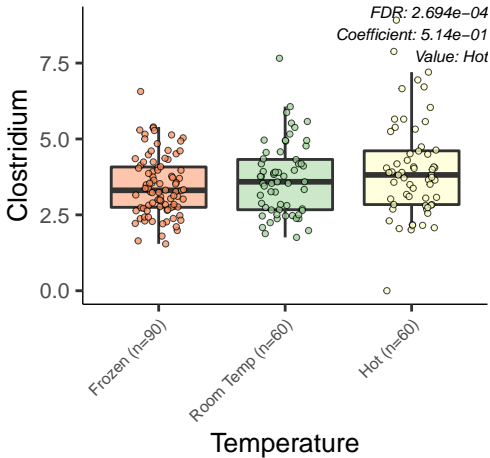
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Fusicatenibacter

2.0
1.5
1.0
0.5
0.0

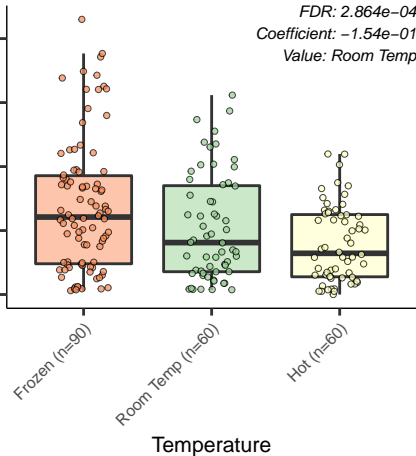
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 2.864e-04
Coefficient: -1.54e-01
Value: Room Temp



unclassified.Lachnospiraceae

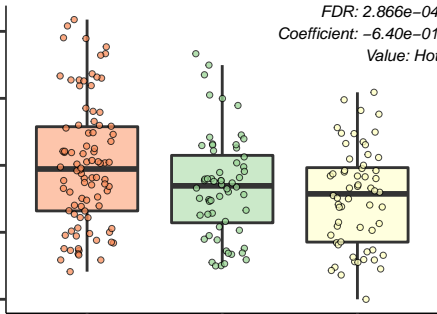
FDR: 2.866e-04
Coefficient: -6.40e-01
Value: Hot

Frozen (n=90)

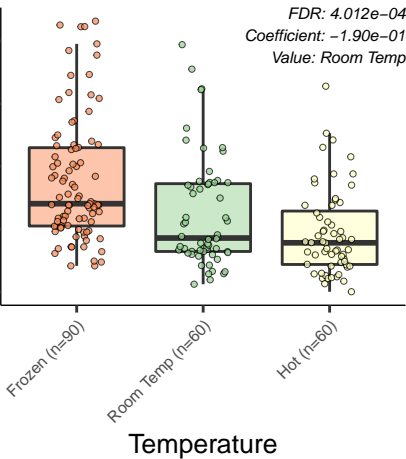
Room Temp (n=60)

Hot (n=60)

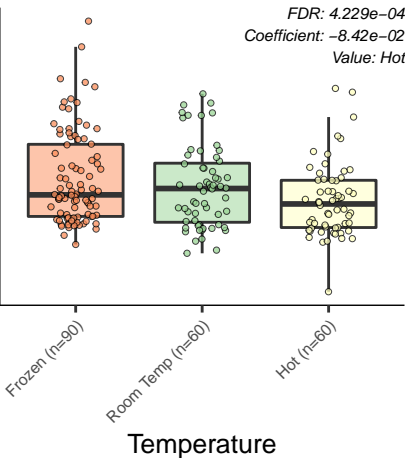
Temperature



Anaerostipes



Butyricoccus



Pseudoflavonifractor

FDR: $4.254e-04$
Coefficient: $7.67e-03$
Value: Room Temp

0.10

0.05

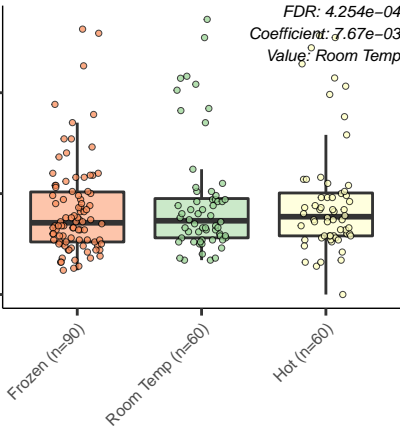
0.00

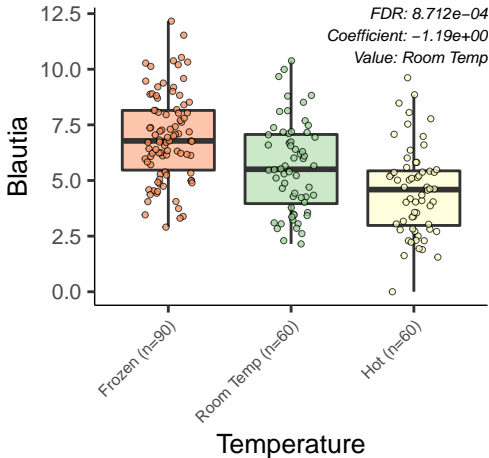
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





unclassified.Firmicutes.sensu.stricto..miscellaneous

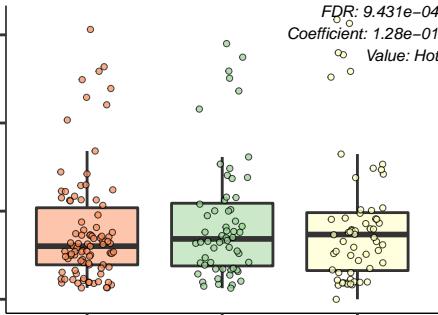
Frozen (n=90)

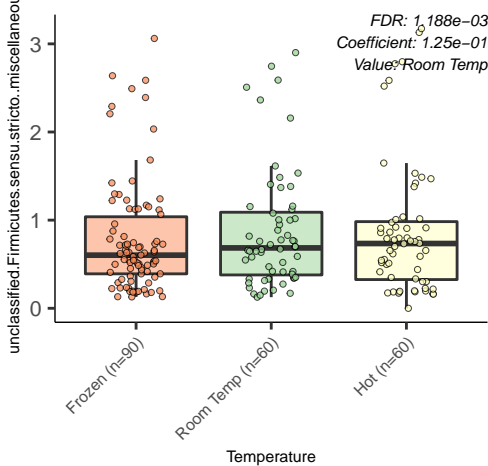
Room Temp (n=60)

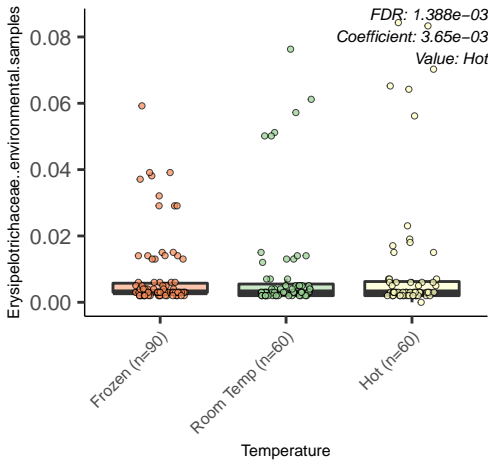
Hot (n=60)

Temperature

FDR: $9.431e-04$
Coefficient: $1.28e-01$
Value: Hot







crAss.like.viruses

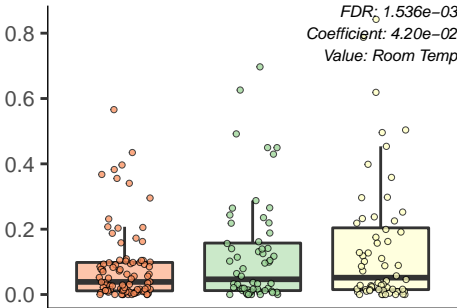
FDR: 1.536e-03
Coefficient: 4.20e-02
Value: Room Temp

Frozen (n=90)

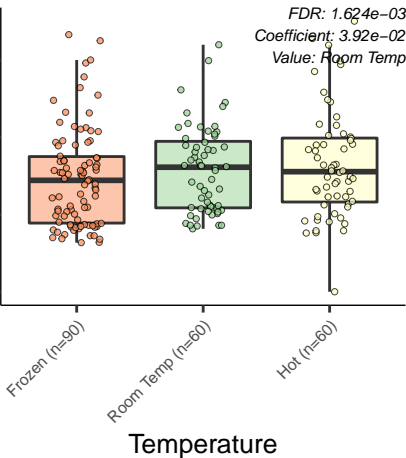
Room Temp (n=60)

Hot (n=60)

Temperature



Flavonifractor



unclassified.Sutterellaceae

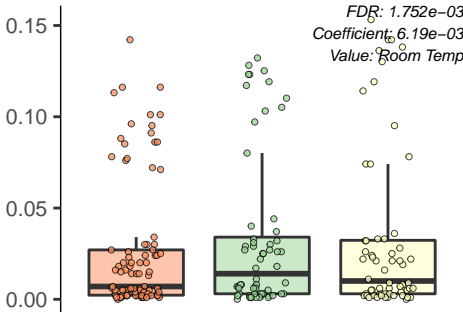
FDR: 1.752e-03
Coefficient: 6.19e-03
Value: Room Temp

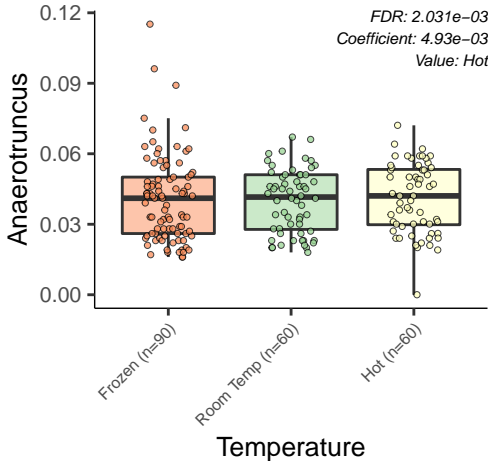
Frozen (n=90)

Room Temp (n=60)

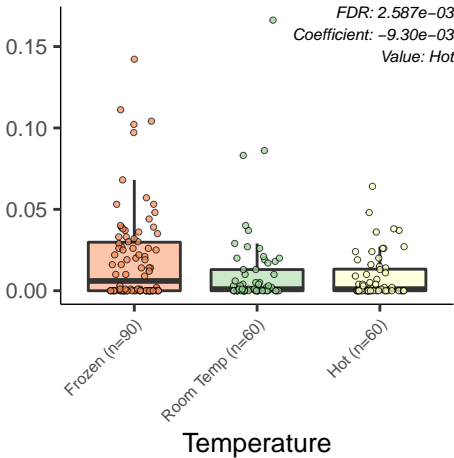
Hot (n=60)

Temperature





Intestinibacter



Guerin_crAss_Delta

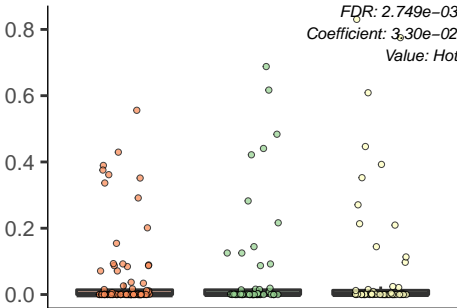
FDR: $2.749e-03$
Coefficient: $3.30e-02$
Value: Hot

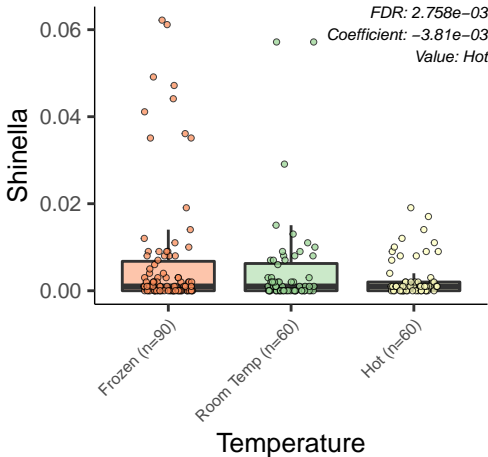
Frozen (n=90)

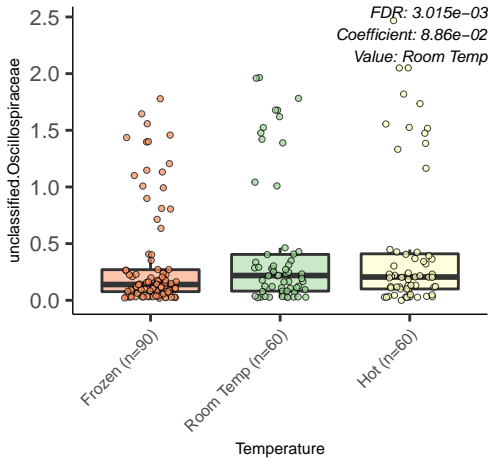
Room Temp (n=60)

Hot (n=60)

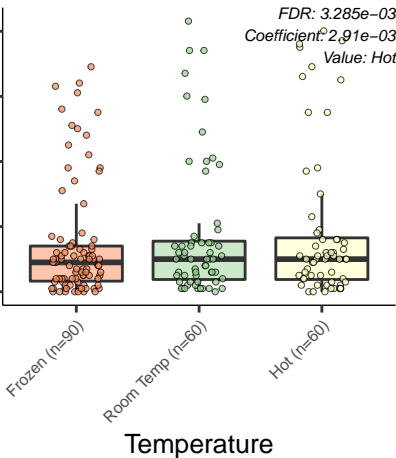
Temperature





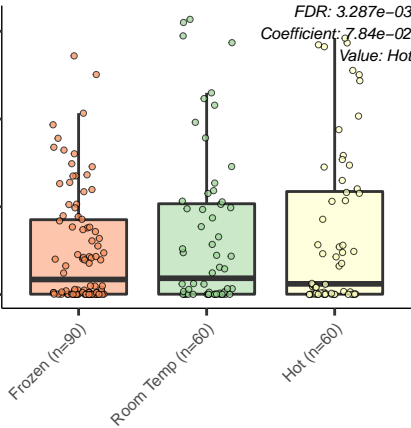


Porphyrromonas



Phascolarctobacterium

FDR: 3.287e-03
Coefficient: 7.84e-02
Value: Hot



Temperature

Enterorhabdus

0.075
0.050
0.025
0.000

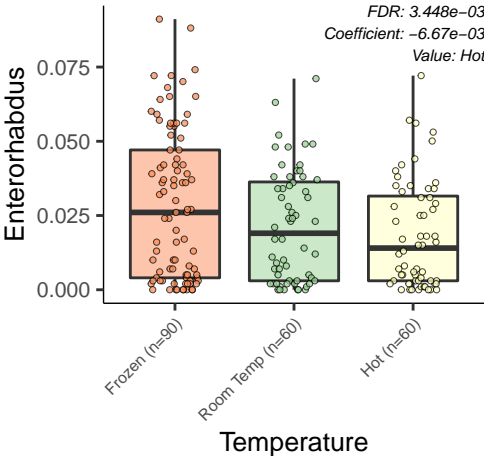
Frozen (n=90)

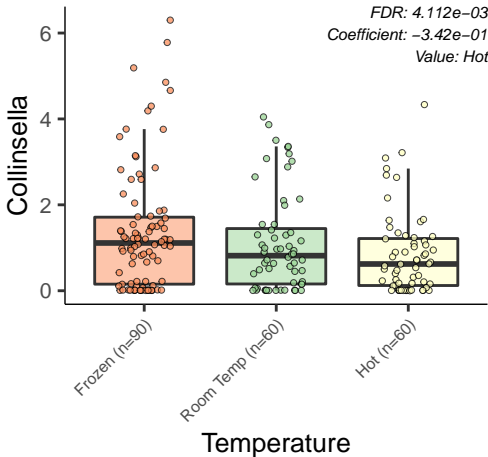
Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 3.448e-03
Coefficient: -6.67e-03
Value: Hot





unclassified.Christensenellaceae

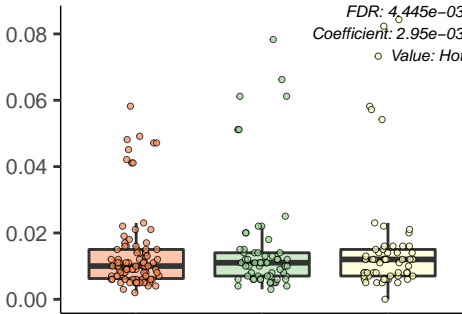
FDR: $4.445e-03$
Coefficient: $2.95e-03$
○ Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Guerin_crAss_Alpha

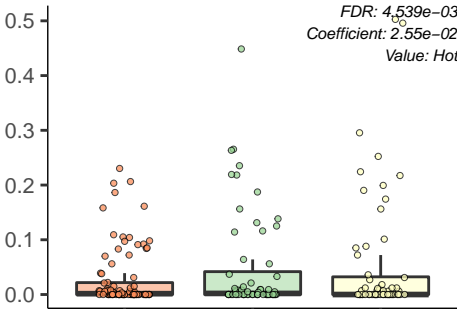
FDR: 4.539e-03
Coefficient: 2.55e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Eubacterium

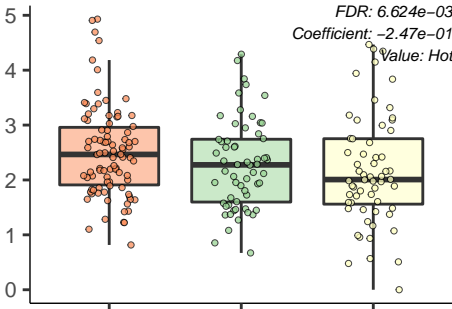
Frozen (n=90)

Room Temp (n=60)

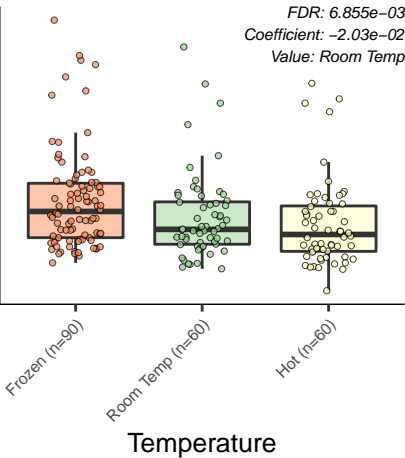
Hot (n=60)

Temperature

FDR: $6.624e-03$
Coefficient: $-2.47e-01$
Value: Hot



Clostridioides



unclassified.Coriobacteriaceae

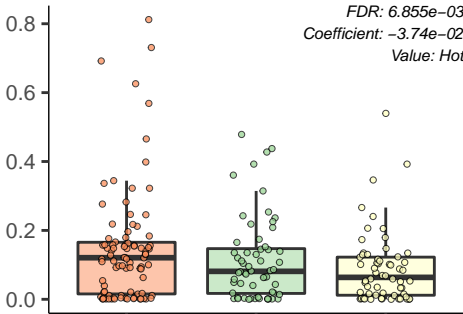
FDR: 6.855e-03
Coefficient: -3.74e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Intestinimonas

FDR: 6.855e-03
Coefficient: 3.76e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

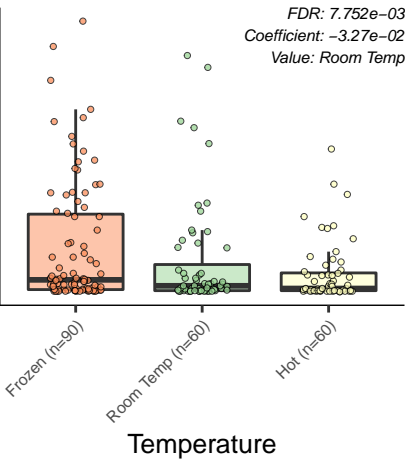
0.75

0.50

0.25

0.00

Romboutsia



unclassified.Sutterellaceae

FDR: 7.752e-03
Coefficient: 5.29e-03
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

0.15
0.10
0.05
0.00

unclassified.Eubacteriaceae

FDR: 9.103e-03
Coefficient: -8.64e-03
Value: Hot

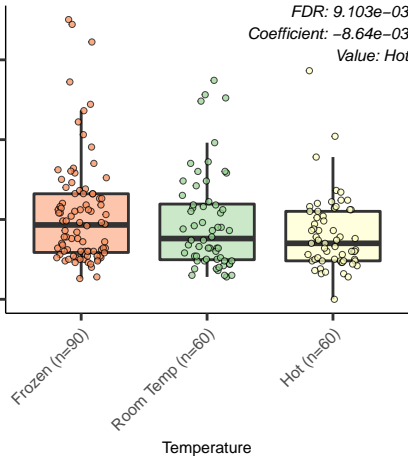
Frozen (n=90)

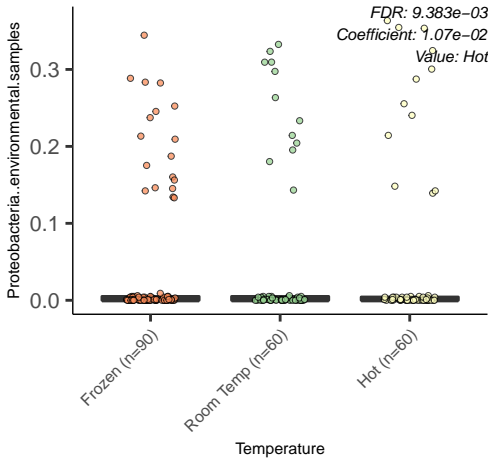
Room Temp (n=60)

Hot (n=60)

Temperature

0.15
0.10
0.05
0.00





Ruminococcus

10
5
0

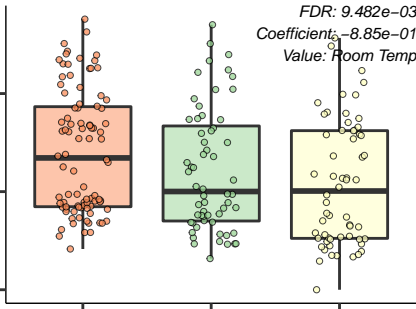
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 9.482e-03
Coefficient: -8.85e-01
Value: Room Temp



Intestinimonas

FDR: 1.028e-02
Coefficient: 3.57e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

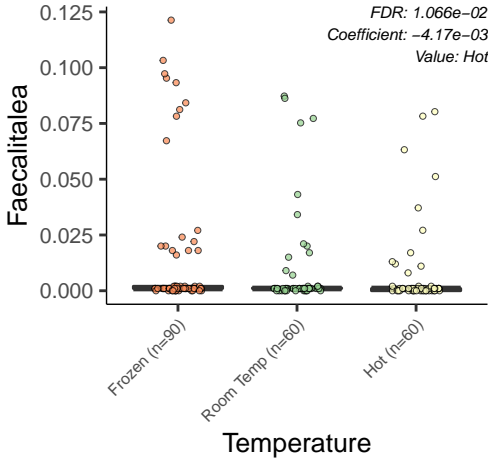
Temperature

0.75

0.50

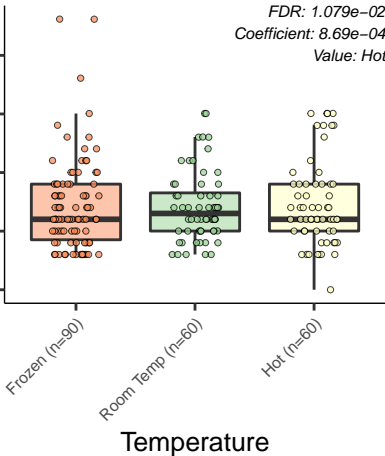
0.25

0.00



Harryflintia

FDR: 1.079e-02
Coefficient: 8.69e-04
Value: Hot



Temperature

Parasutterella

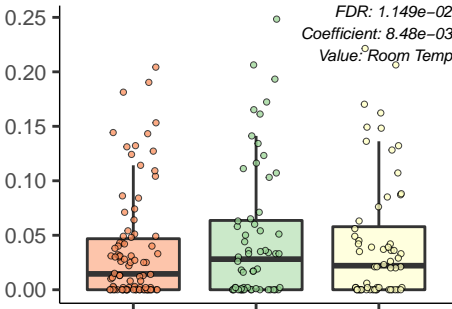
FDR: 1.149×10^{-2}
Coefficient: 8.48×10^{-3}
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Turcibacter

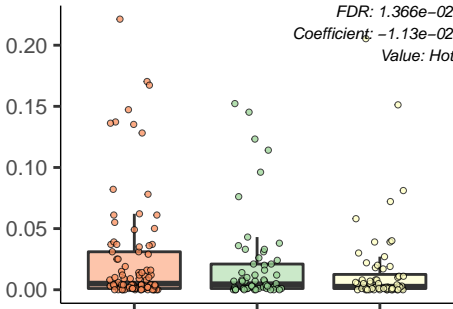
FDR: $1.366\text{e-}02$
Coefficient: $-1.13\text{e-}02$
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Enterobacter

FDR: $1.385e-02$
Coefficient: $2.07e-03$
Value: Hot

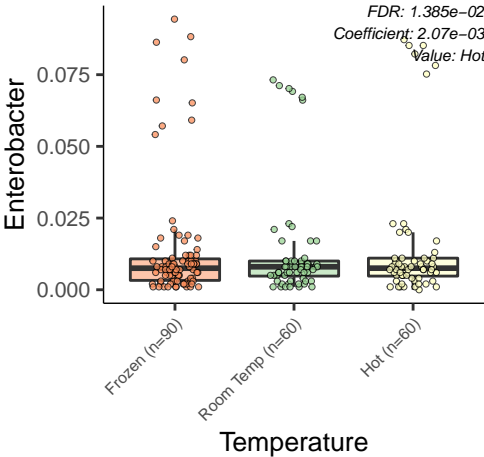
0.075
0.050
0.025
0.000

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



unclassified.Erysipelotrichaceae

FDR: 1.455e-02
Coefficient: -7.18e-02
Value: Hot

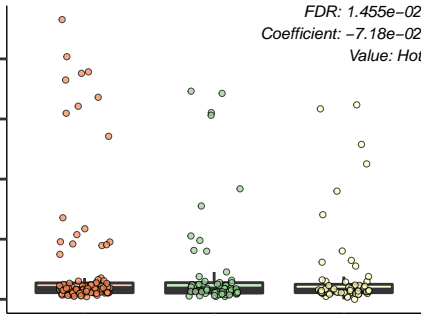
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

2.0
1.5
1.0
0.5
0.0



Escherichia

1.0
0.5
0.0

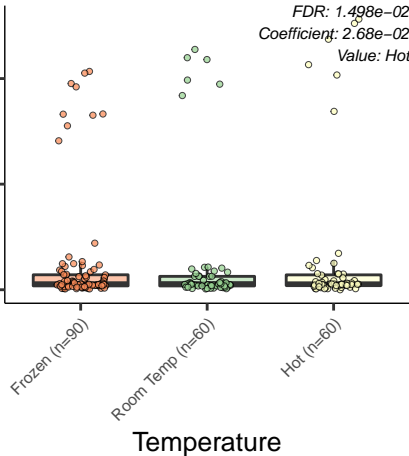
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 1.498e-02
Coefficient: 2.68e-02
Value: Hot



Lactobacillus

FDR: 1.613e-02
Coefficient: -1.42e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

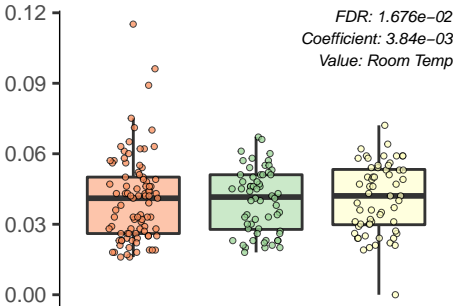
0.3

0.2

0.1

0.0

Anaerotruncus



Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

Phascolarctobacterium

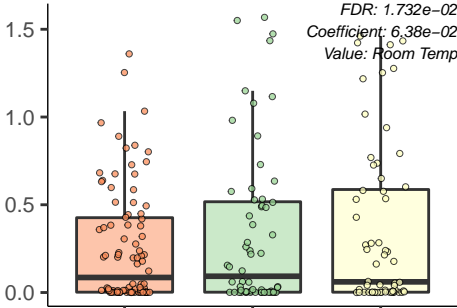
FDR: 1.732e-02
Coefficient: 6.38e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Anaeromassilibacillus

FDR: 2.018e-02
Coefficient: 3.19e-03
Value: Room Temp

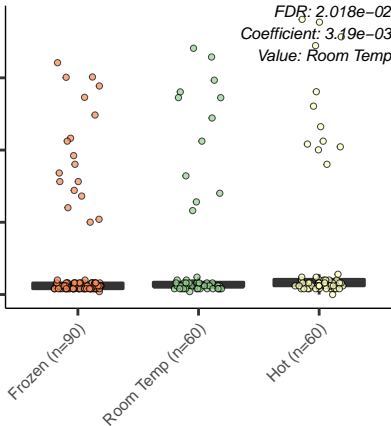
0.075
0.050
0.025
0.000

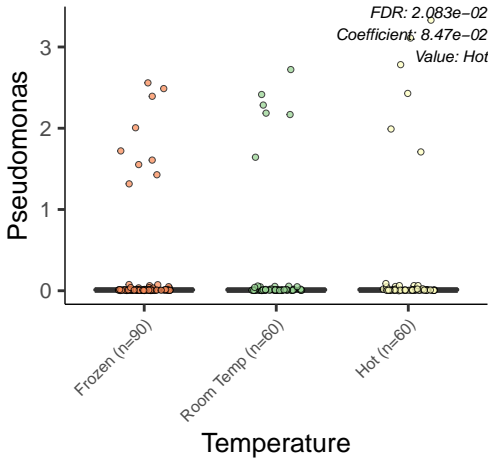
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Coprobacillus

FDR: $2.255e-02$
Coefficient: $-9.93e-02$
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

2

1

0

Sellimonas

FDR: 2.361e-02
Coefficient: -9.18e-03
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

0.3

0.2

0.1

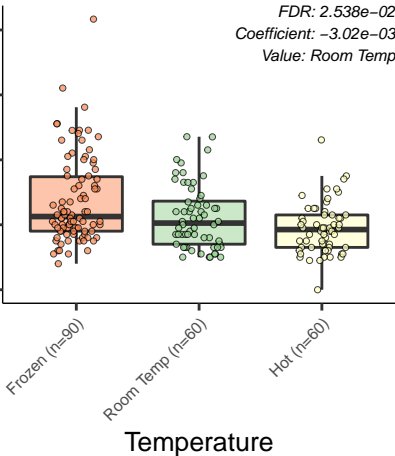
0.0

Faecalicatea

FDR: 2.538e-02

Coefficient: -3.02e-03

Value: Room Temp



Temperature

unclassified.Ruminococcaceae

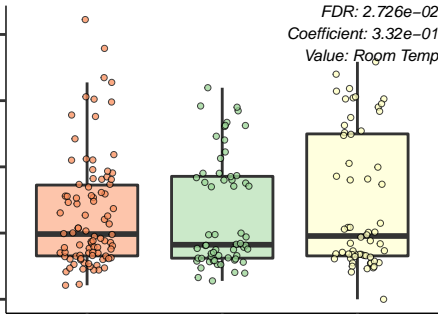
FDR: 2.726e-02
Coefficient: 3.32e-01
Value: Room Temp

Frozen (n=90)

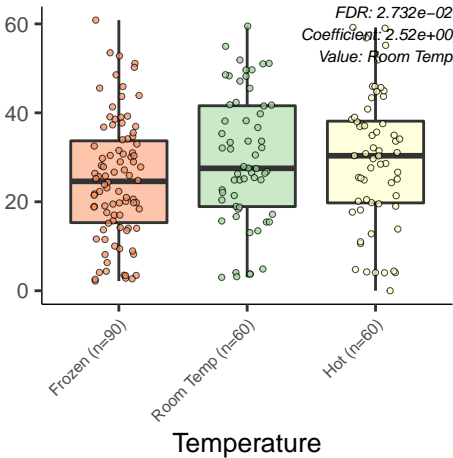
Room Temp (n=60)

Hot (n=60)

Temperature



Bacteroides



Guerin_crAss_Alpha

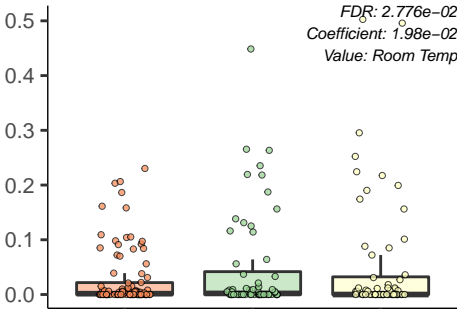
FDR: 2.776e-02
Coefficient: 1.98e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Monoglobus

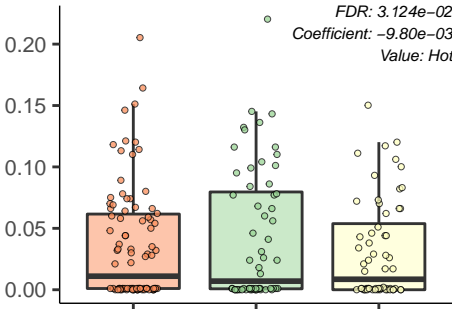
FDR: 3.124e-02
Coefficient: -9.80e-03
Value: Hot

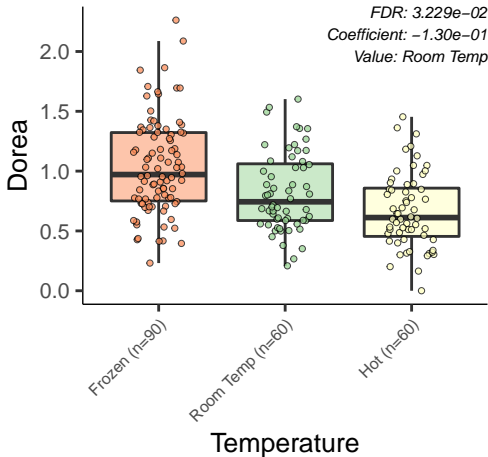
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Desulfovibrio

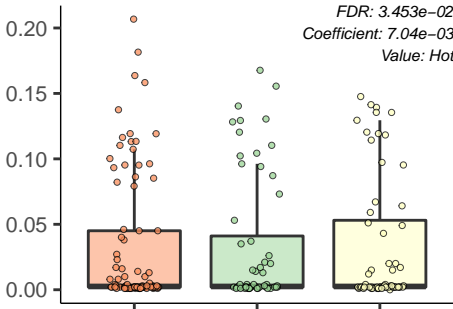
FDR: 3.453e-02
Coefficient: 7.04e-03
Value: Hot

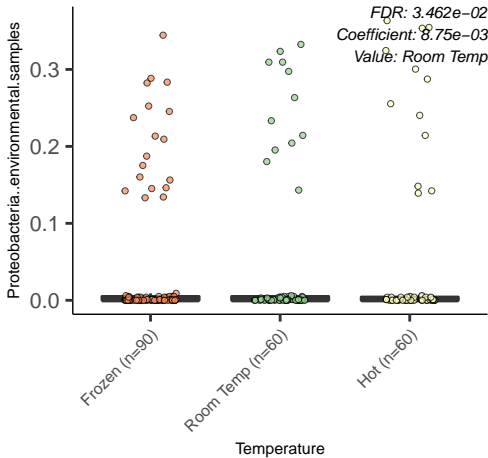
Frozen (n=90)

Room Temp (n=60)

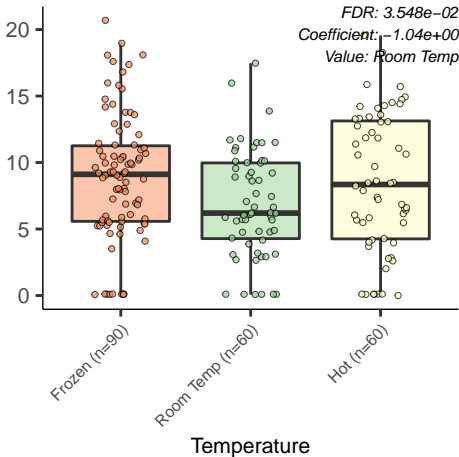
Hot (n=60)

Temperature





Faecalibacterium



Lactobacillus

0.3

0.2

0.1

0.0

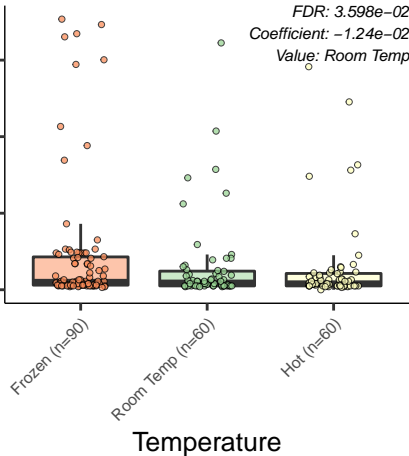
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 3.598e-02
Coefficient: -1.24e-02
Value: Room Temp



Bifidobacterium

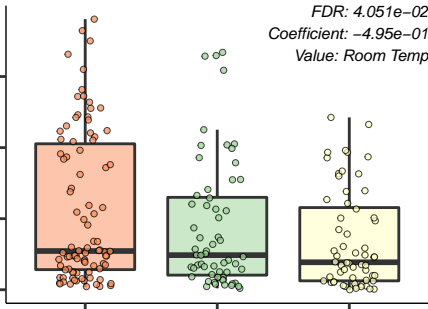
Frozen (n=90)

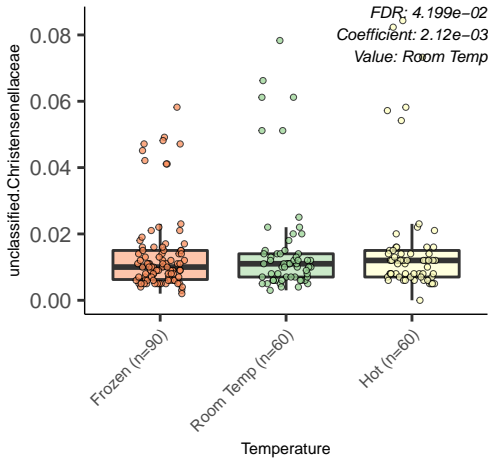
Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 4.051e-02
Coefficient: -4.95e-01
Value: Room Temp





Paenibacillus

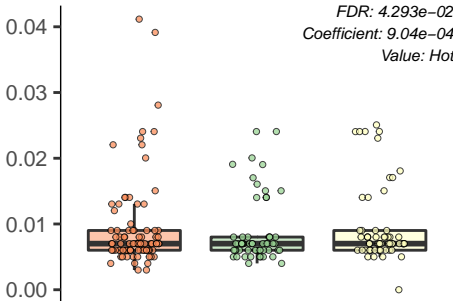
FDR: 4.293e-02
Coefficient: 9.04e-04
Value: Hot

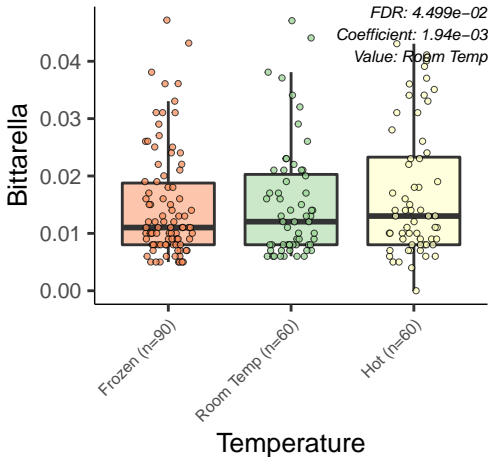
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Streptomyces

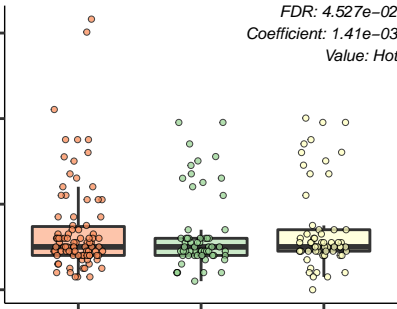
FDR: $4.527e-02$
Coefficient: $1.41e-03$
Value: Hot

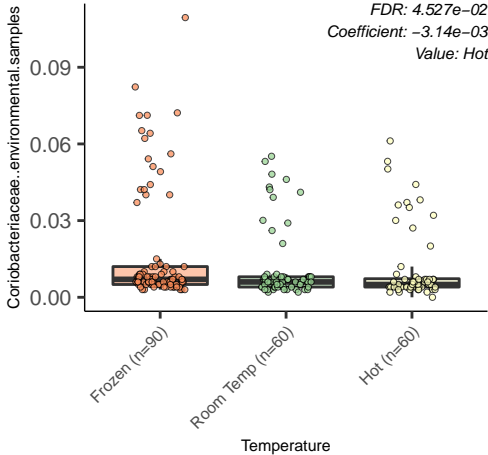
Frozen (n=90)

Room Temp (n=60)

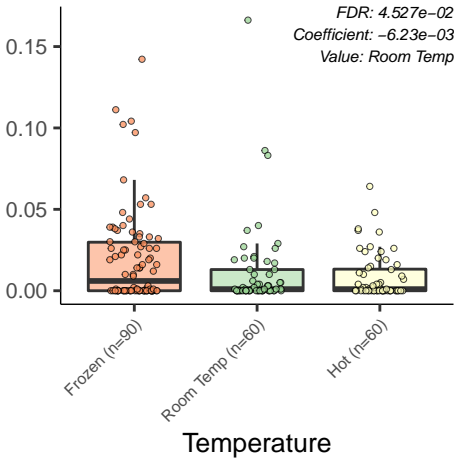
Hot (n=60)

Temperature





Intestinibacter



Alistipes

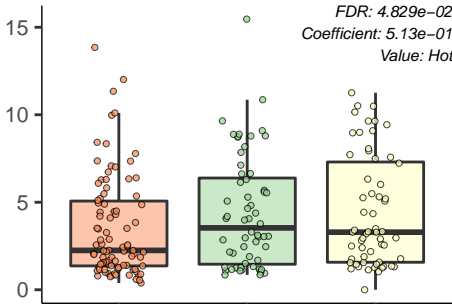
FDR: 4.829e-02
Coefficient: 5.13e-01
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



unclassified.Clostridiaceae

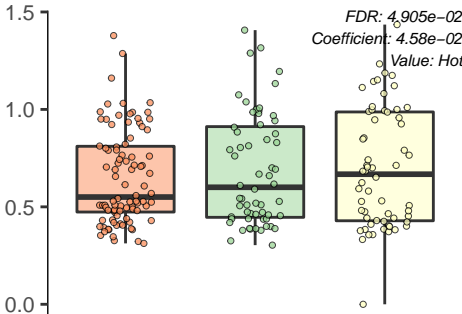
FDR: 4.905e-02
Coefficient: 4.58e-02
Value: Hot

Frozen (n=90)

Room Temp (n=60)

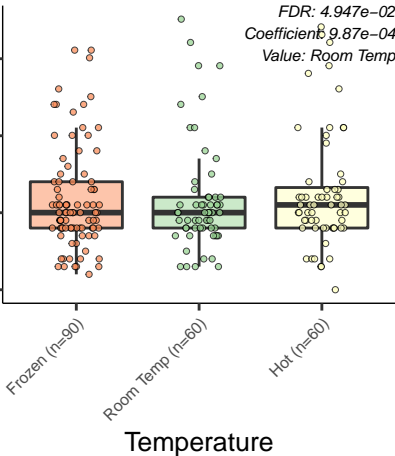
Hot (n=60)

Temperature



Catabacter

FDR: 4.947e-02
Coefficient: 9.87e-04
Value: Room Temp



Porphyrromonas

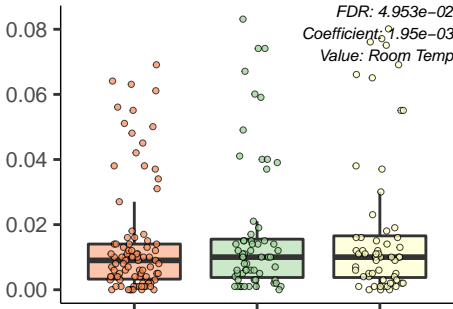
FDR: 4.953e-02
Coefficient: 1.95e-03
Value: Room Temp

Frozen (n=90)

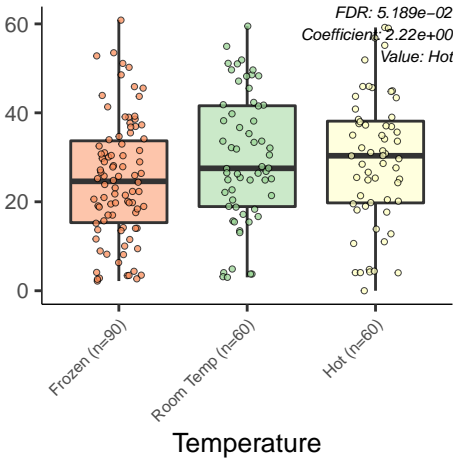
Room Temp (n=60)

Hot (n=60)

Temperature



Bacteroides



Desulfovibrio

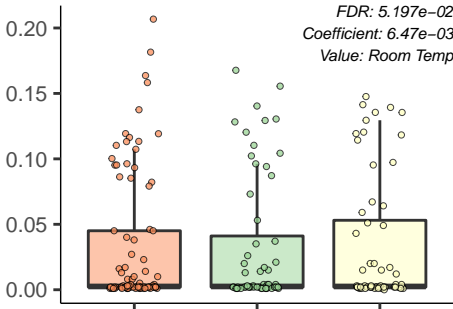
FDR: 5.197e-02
Coefficient: 6.47e-03
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Acinetobacter

FDR: 5.295e-02
Coefficient: 2.16e-02
Value: Hot

0.9

0.6

0.3

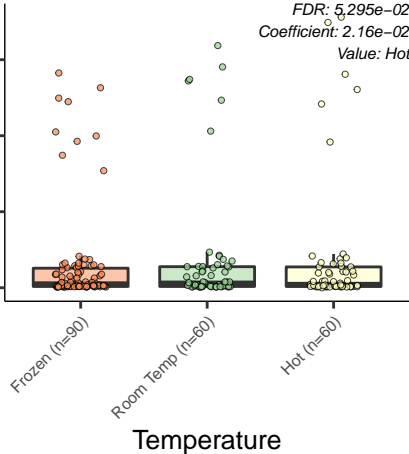
0.0

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Parabacteroides

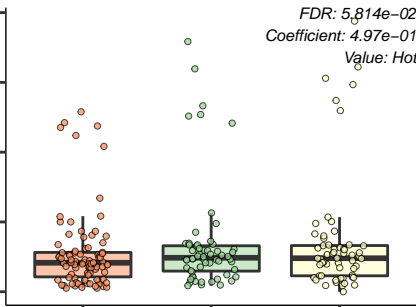
FDR: 5.814e-02
Coefficient: 4.97e-01
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Alistipes

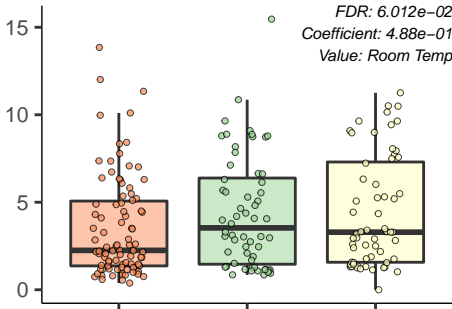
FDR: 6.012e-02
Coefficient: 4.88e-01
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Guerin_crAss_Delta

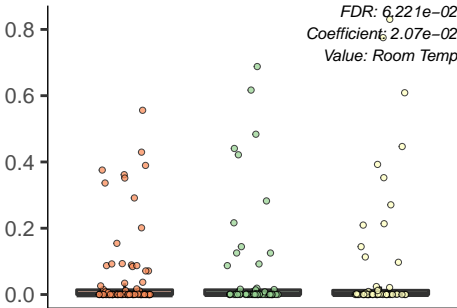
FDR: 6.221e-02
Coefficient: 2.07e-02
Value: Room Temp

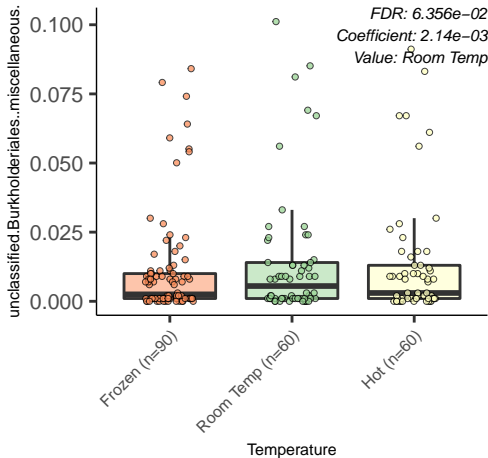
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

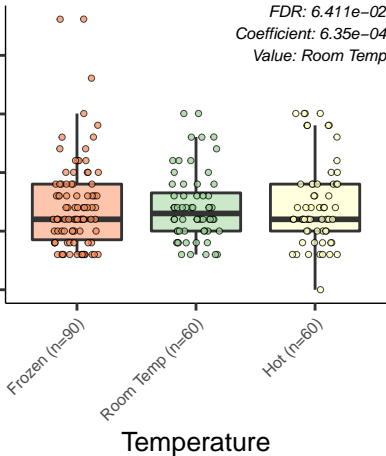
Temperature



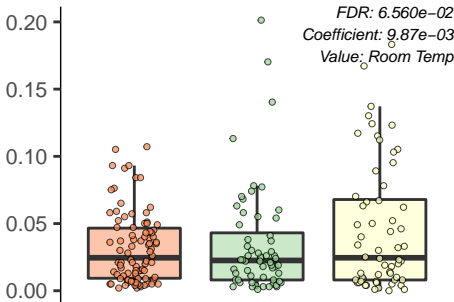


Harryflintia

FDR: 6.411e-02
Coefficient: 6.35e-04
Value: Room Temp



Gordonibacter

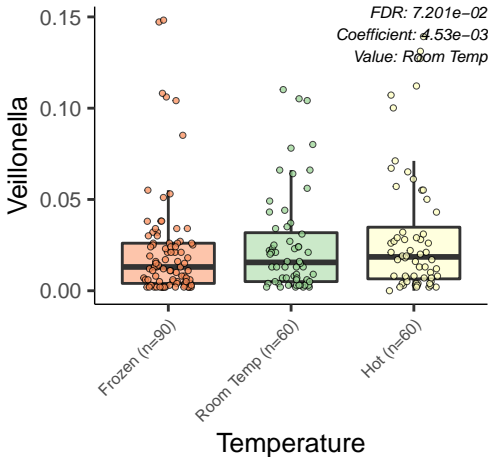


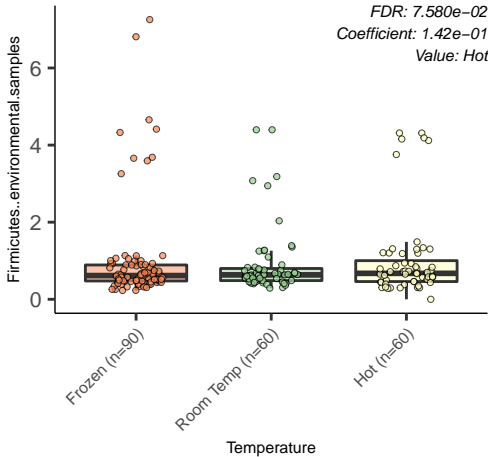
Frozen (n=90)

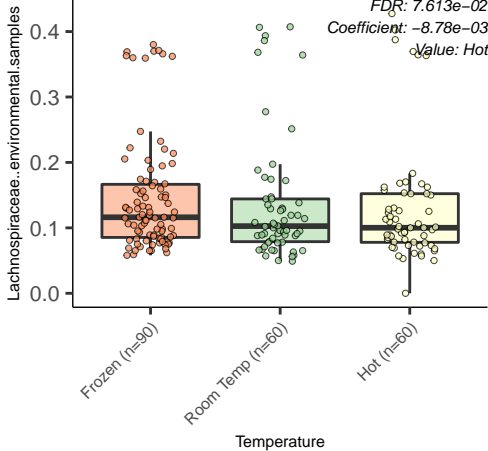
Room Temp (n=60)

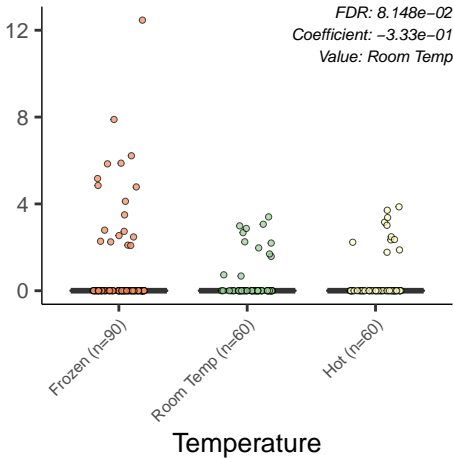
Hot (n=60)

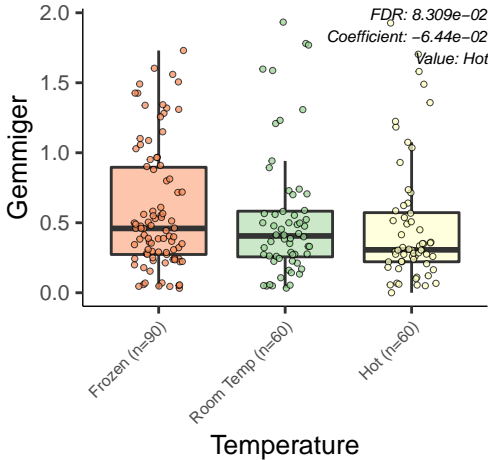
Temperature

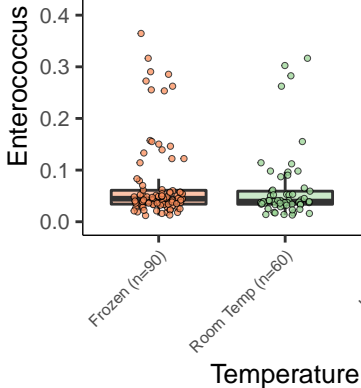


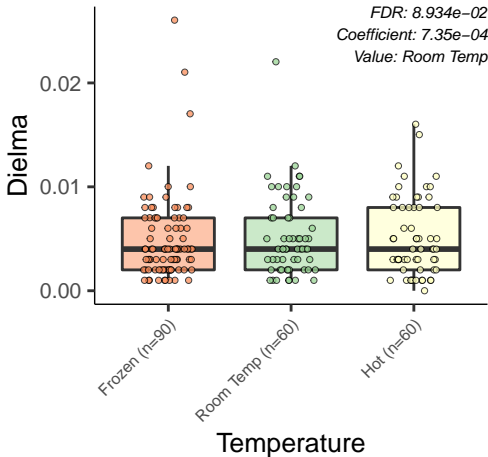












Coprococcus

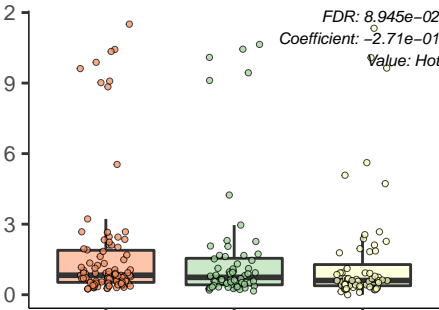
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: $8.945e-02$
Coefficient: $-2.71e-01$
Value: Hot



Acinetobacter

FDR: 8.945e-02
Coefficient: 1.92e-02
Value: Room Temp

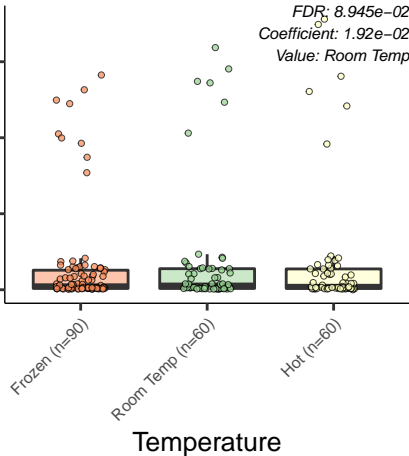
0.9
0.6
0.3
0.0

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



unclassified.Lachnospiraceae

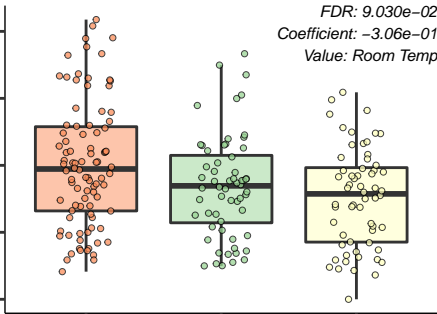
FDR: 9.030e-02
Coefficient: -3.06e-01
Value: Room Temp

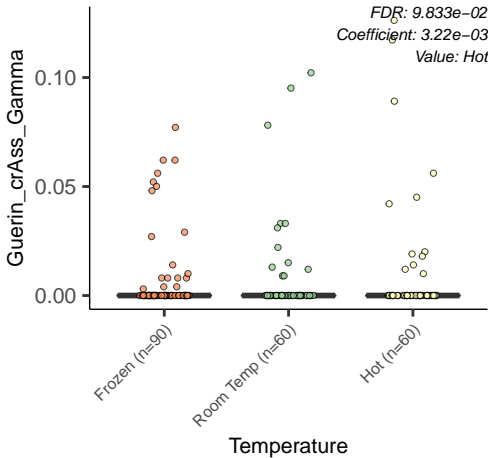
Frozen (n=90)

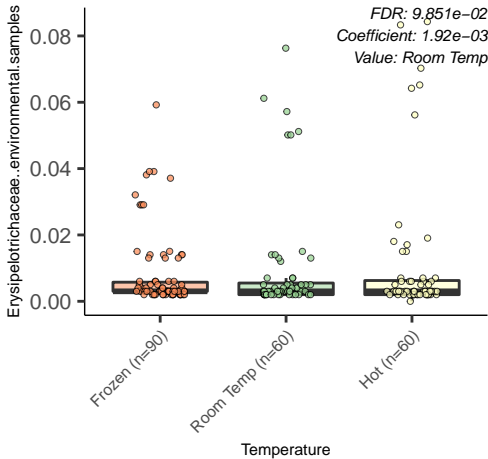
Room Temp (n=60)

Hot (n=60)

Temperature







Enterorhabdus

0.075
0.050
0.025
0.000

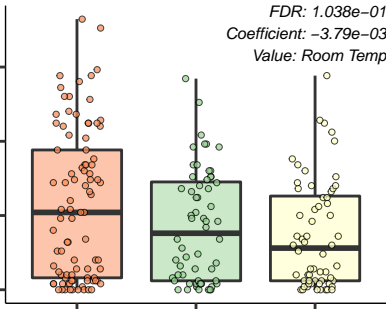
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 1.038e-01
Coefficient: -3.79e-03
Value: Room Temp



Turcibacter

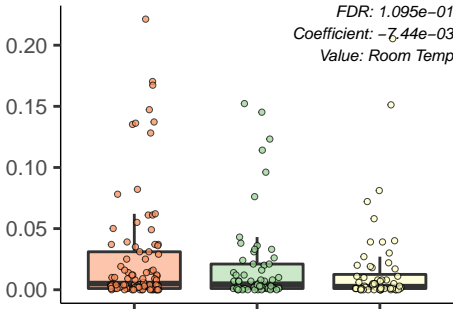
FDR: 1.095e-01
Coefficient: $-7.44e-03$
Value: Room Temp

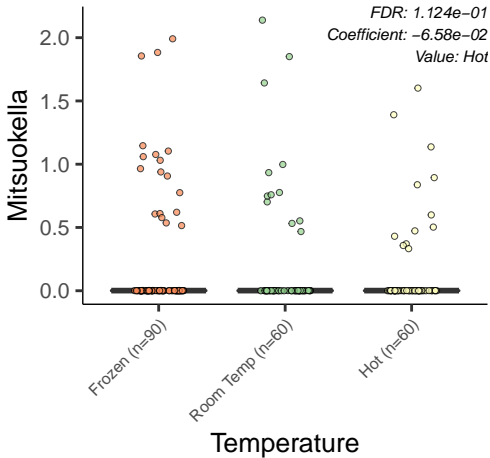
Frozen (n=90)

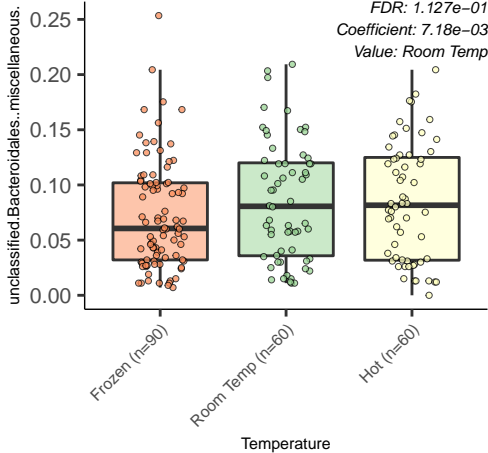
Room Temp (n=60)

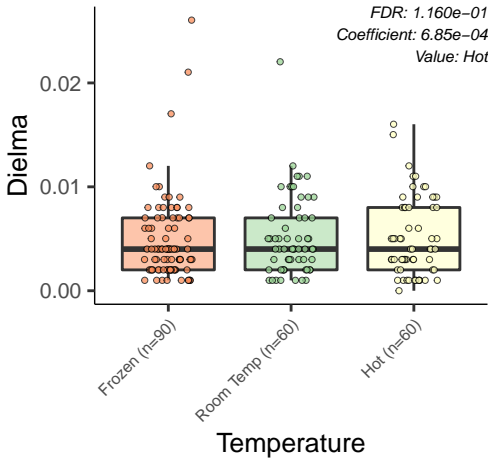
Hot (n=60)

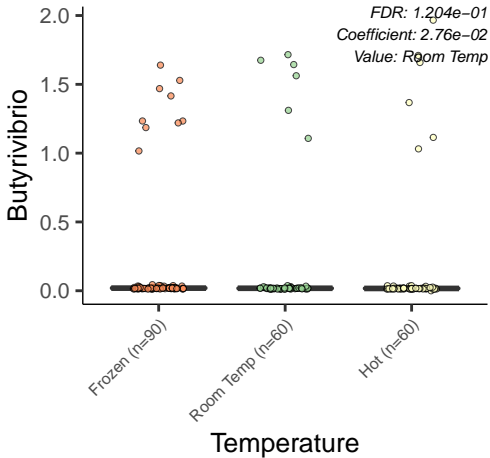
Temperature

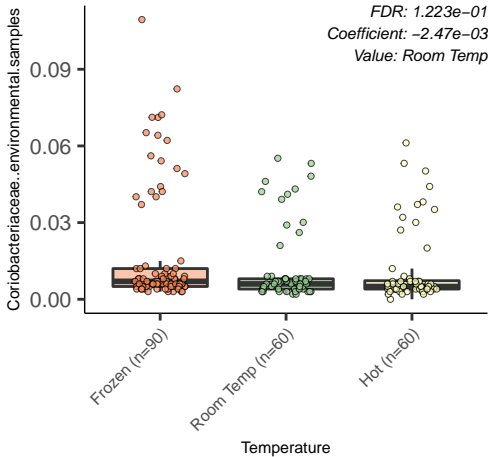












Carnobacterium

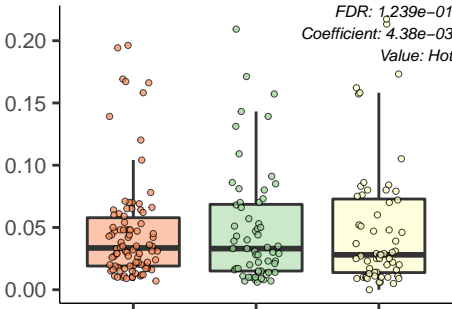
FDR: 1.239e-01
Coefficient: 4.38e-03
Value: Hot

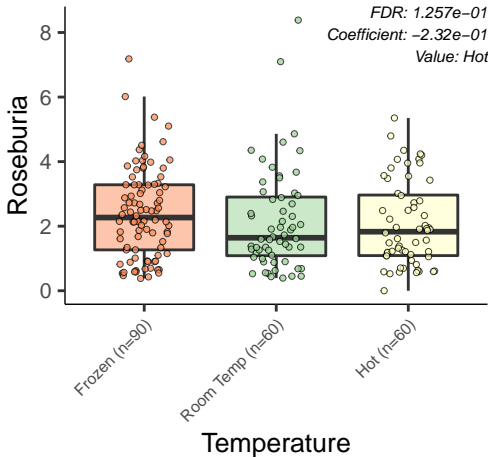
Frozen (n=90)

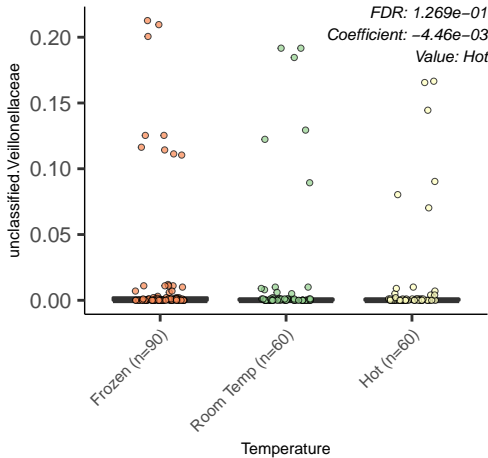
Room Temp (n=60)

Hot (n=60)

Temperature







unclassified.Eggerthellales

0.20

0.15

0.10

0.05

0.00

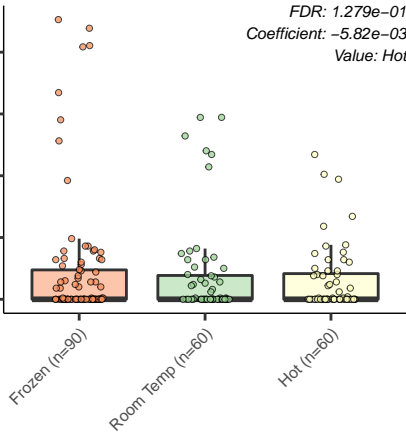
Frozen (n=90)

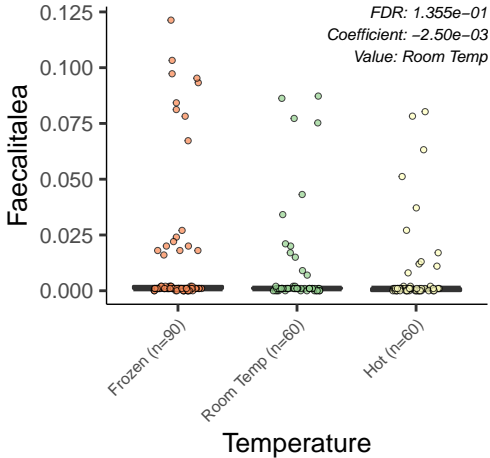
Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 1.279e-01
Coefficient: -5.82e-03
Value: Hot





Escherichia

1.0
0.5
0.0

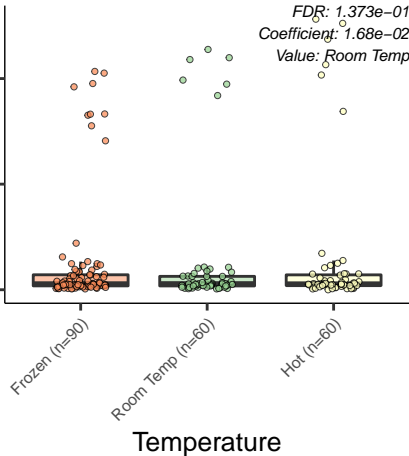
FDR: 1.373e-01
Coefficient: 1.68e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



unclassified.Clostridiaceae

1.5
1.0
0.5
0.0

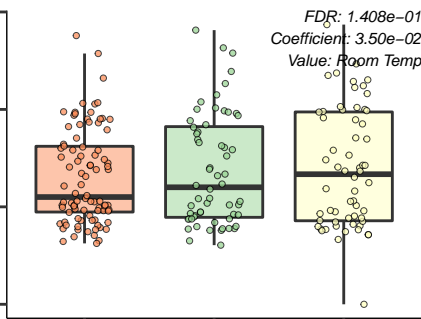
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

FDR: 1.408e-01
Coefficient: 3.50e-02
Value: Room Temp



Barnesiella

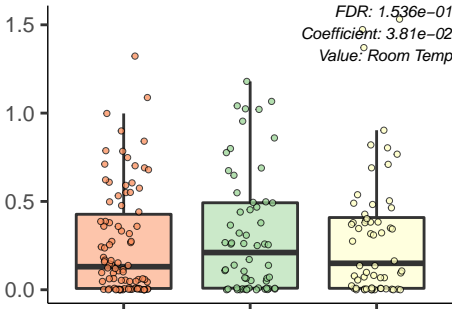
FDR: 1.536e-01
Coefficient: 3.81e-02
Value: Room Temp

Frozen (n=90)

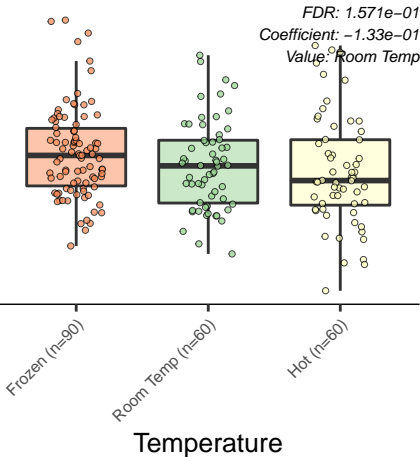
Room Temp (n=60)

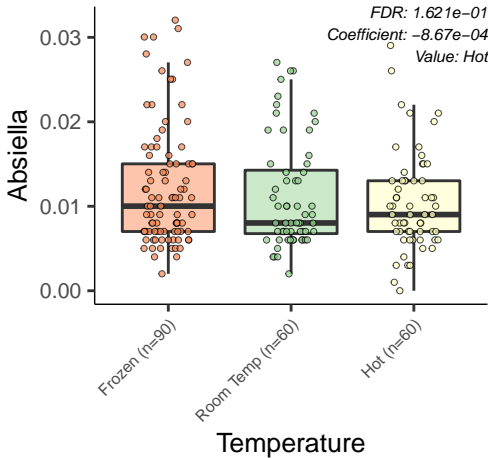
Hot (n=60)

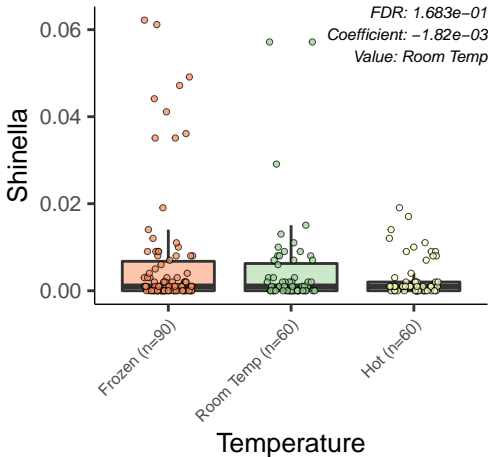
Temperature

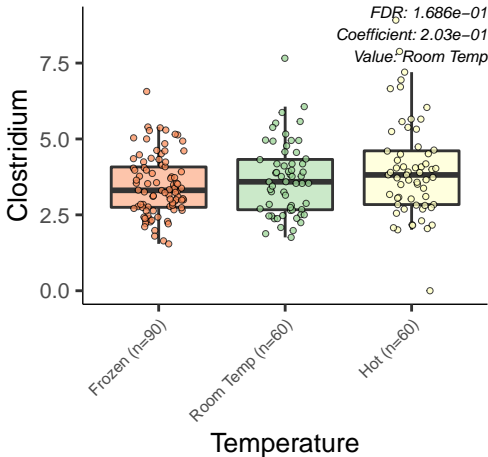


Eubacterium









unclassified.Erysipelotrichaceae

FDR: 1.724e-01
Coefficient: $-4.15e-02$
Value: Room Temp

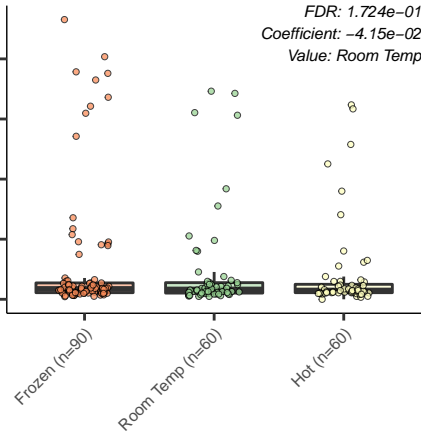
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature

2.0
1.5
1.0
0.5
0.0



Parabacteroides

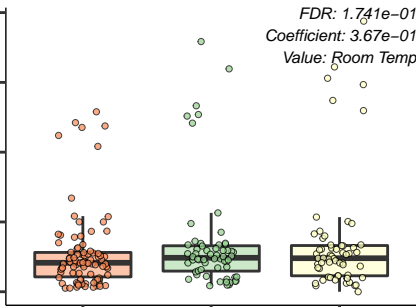
FDR: 1.741e-01
Coefficient: 3.67e-01
Value: Room Temp

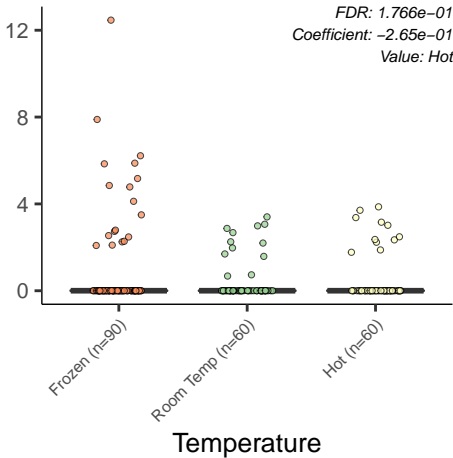
Frozen (n=90)

Room Temp (n=60)

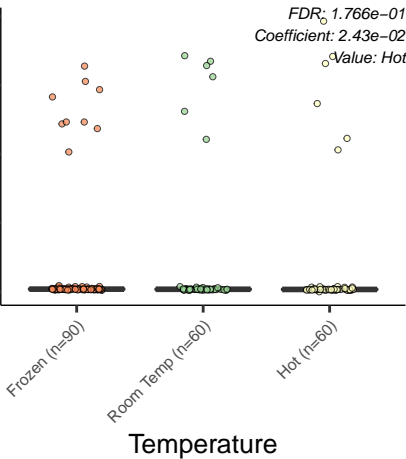
Hot (n=60)

Temperature





Butyrivibrio



Pseudomonas

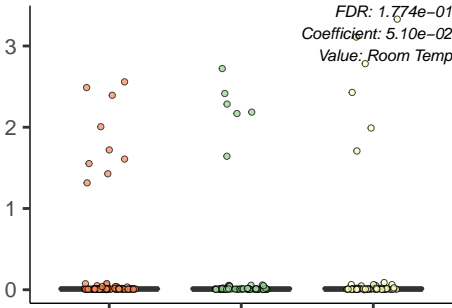
FDR: 1.774e-01
Coefficient: 5.10e-02
Value: Room Temp

Frozen (n=90)

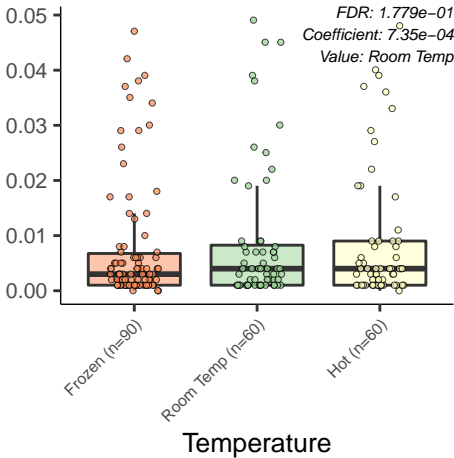
Room Temp (n=60)

Hot (n=60)

Temperature

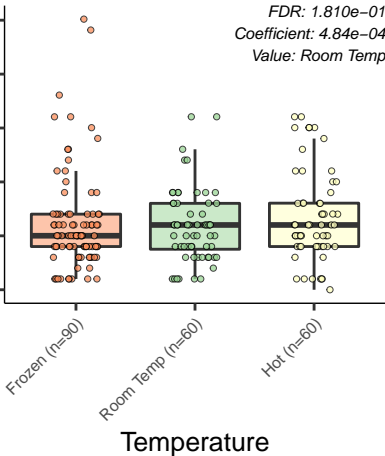


Mediterranea



Christensenella

FDR: 1.810e-01
Coefficient: 4.84e-04
Value: Room Temp



unclassified.Peptococcaceae

FDR: 1.853e-01
Coefficient: 5.35e-04
Value: Hot

0.02

0.01

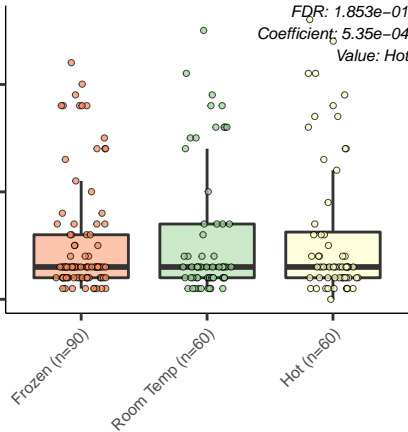
0.00

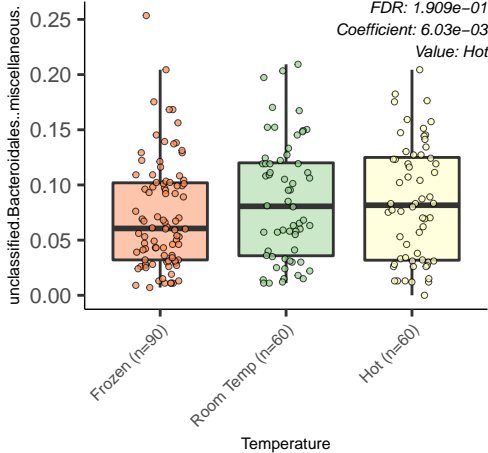
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Actinomycetes

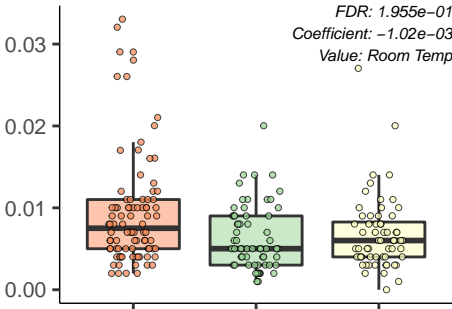
FDR: 1.955e-01
Coefficient: $-1.02e-03$
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Raoultibacter

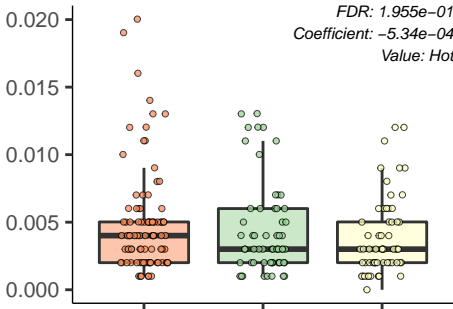
FDR: $1.955e-01$
Coefficient: $-5.34e-04$
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Paraprevotella

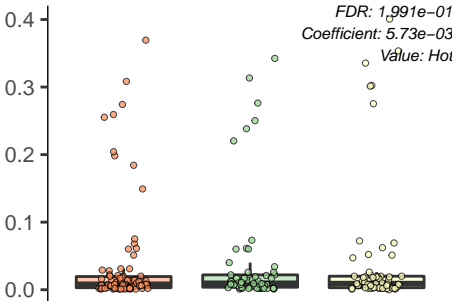
FDR: 1.991e-01
Coefficient: 5.73e-03
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Carnobacterium

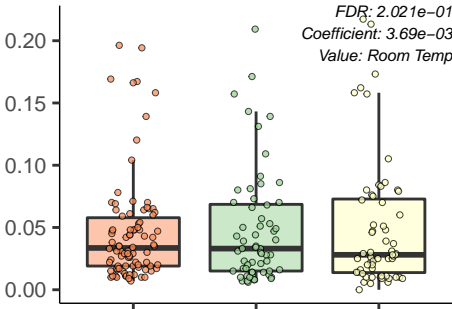
FDR: 2.021e-01
Coefficient: 3.69e-03
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Parasutterella

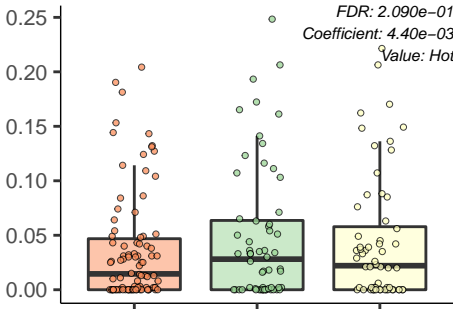
FDR: 2.090e-01
Coefficient: 4.40e-03
Value: Hot

Frozen (n=90)

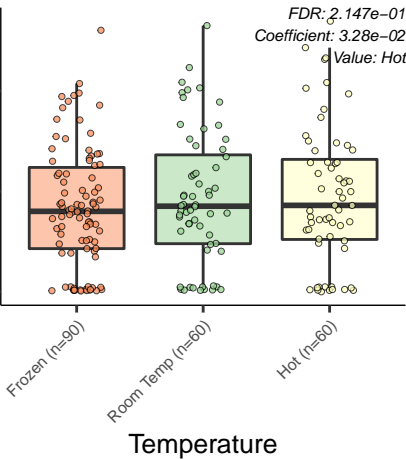
Room Temp (n=60)

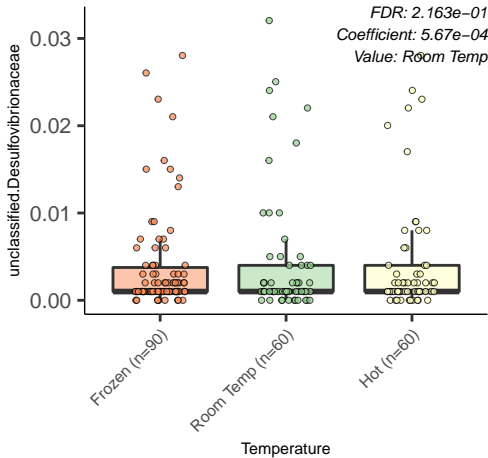
Hot (n=60)

Temperature



Odoribacter





Lachnoclostridium

FDR: 2.181e-01
Coefficient: 2.52e-02
Value: Hot

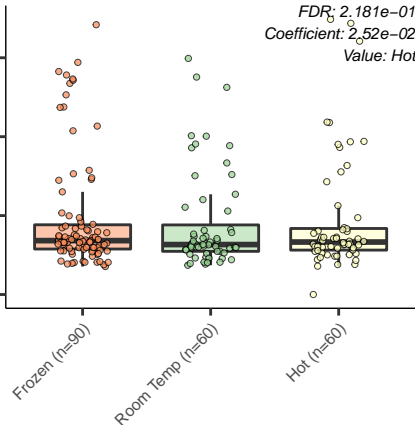
Frozen (n=90)

Room Temp (n=60)

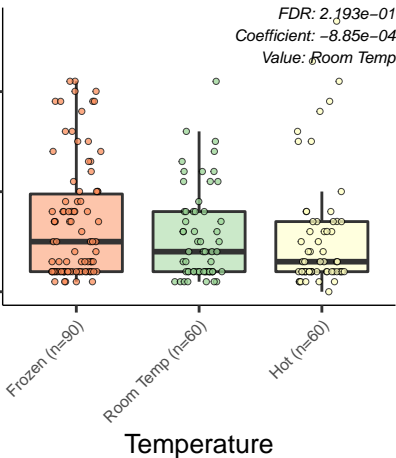
Hot (n=60)

Temperature

1.5
1.0
0.5
0.0



Lactococcus



Coprobacillus

FDR: 2.212e-01
Coefficient: -5.54e-02
Value: Room Temp

Frozen (n=90)

Room Temp (n=60)

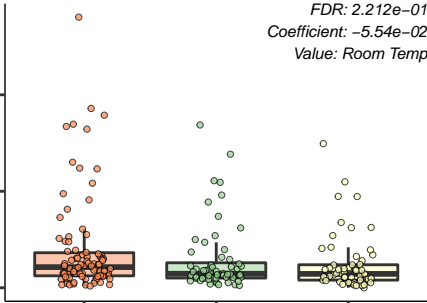
Hot (n=60)

Temperature

2

1

0



Desulfotomaculum

0.20
0.15
0.10
0.05
0.00

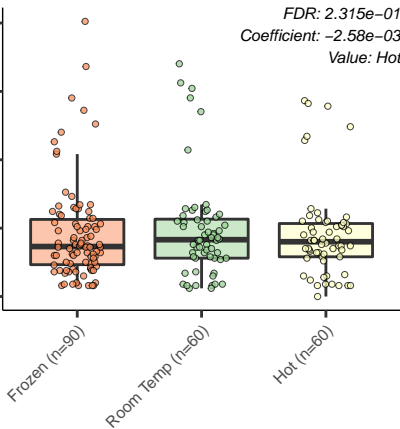
FDR: 2.315e-01
Coefficient: -2.58e-03
Value: Hot

Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature



Barnesiella

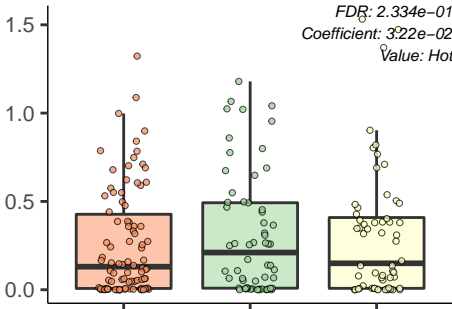
FDR: 2.334e-01
Coefficient: 3.22e-02
Value: Hot

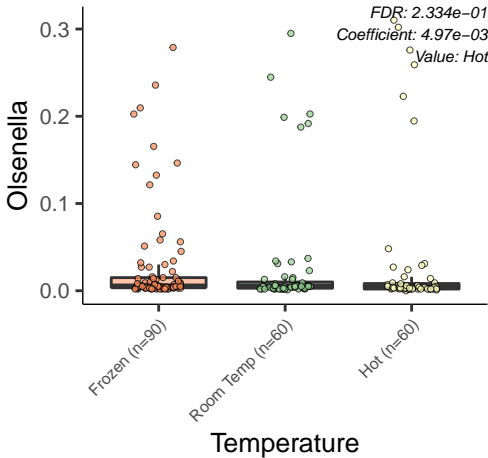
Frozen (n=90)

Room Temp (n=60)

Hot (n=60)

Temperature





Faecalibacterium

