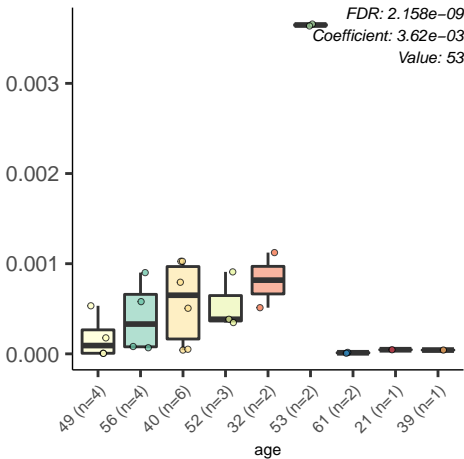


GO.0044262.cellular.carbohydrate.metabolic.process



GO.0003735.structural.constituent.of.ribosome

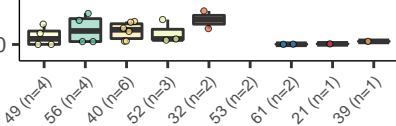
0.0020  
0.0015  
0.0010  
0.0005  
0.0000

age  
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

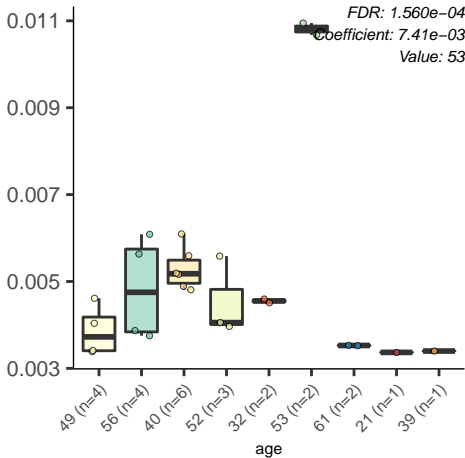
FDR: 1.017e-04

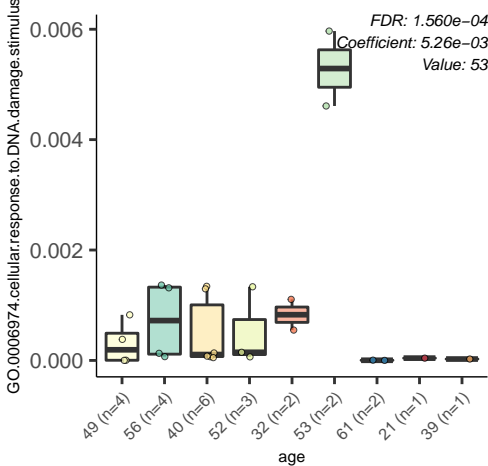
Coefficient: 1.89e-03

Value: 53



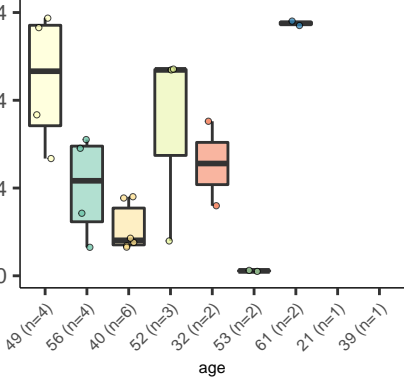
GO.0003676.nucleic.acid.binding





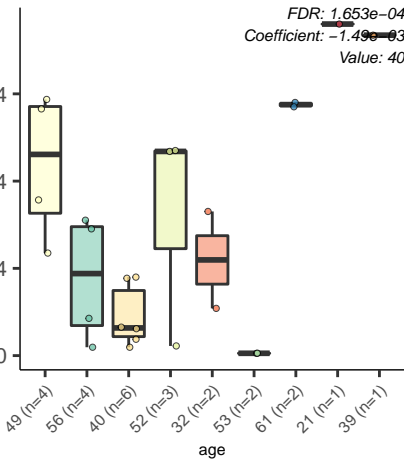
GO.0061024.membrane.organization

FDR:  $1.653e-04$   
Coefficient:  $-1.10e-03$   
Value: 53



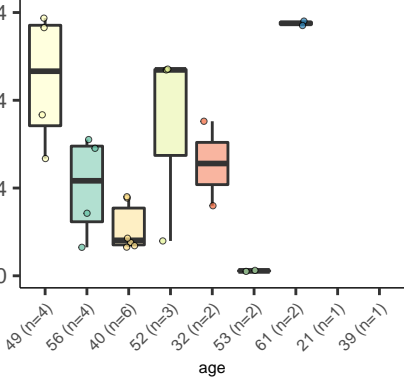
GO.0061025.membrane.fusion

FDR:  $1.653 \times 10^{-4}$   
Coefficient:  $-1.49 \times 10^{-3}$   
Value: 40

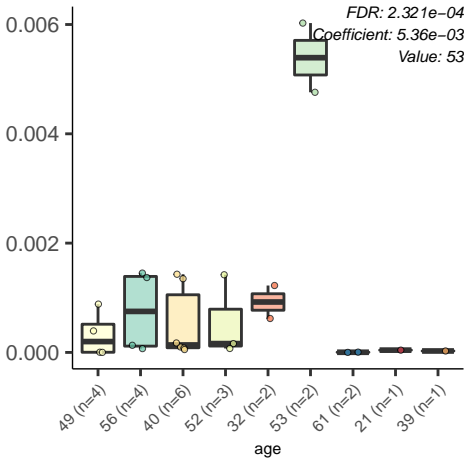


GO.0061024.membrane.organization

FDR:  $1.705 \times 10^{-4}$   
Coefficient:  $-1.40 \times 10^{-3}$   
Value: 40



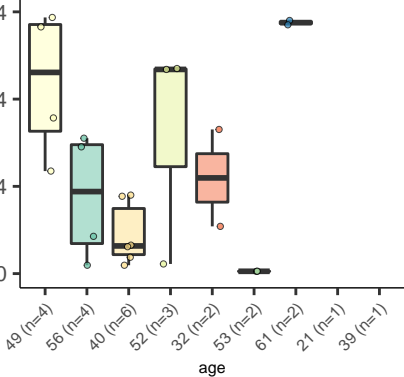
GO.0033554.cellular.response.to.stress

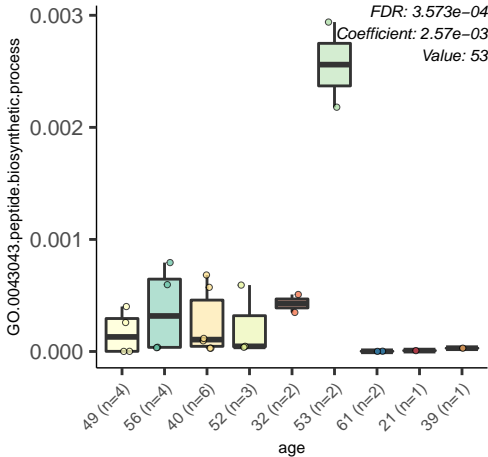




GO.0061025.membrane.fusion

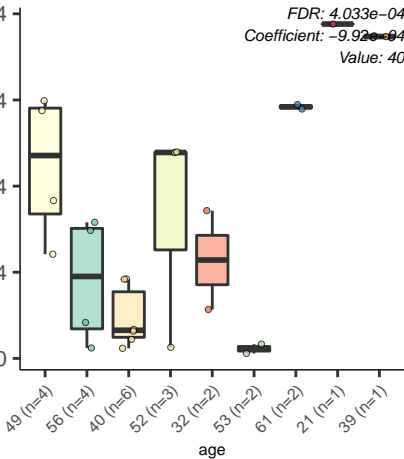
FDR:  $2.933\text{e-}04$   
Coefficient:  $-1.1\text{e-}03$   
Value: 53





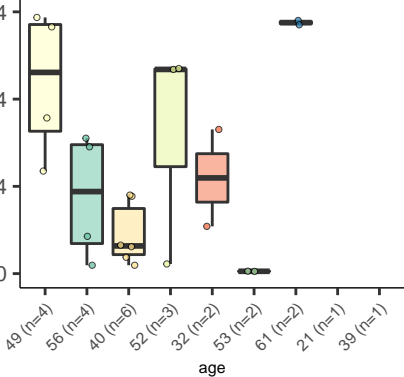
GO.0044406.adhesion.of.symbiont.to.host

FDR:  $4.033\text{e-}04$   
Coefficient:  $-9.92\text{e-}04$   
Value: 40



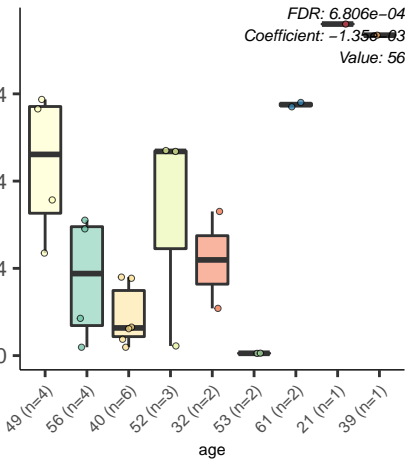
GO.0061025.membrane.fusion

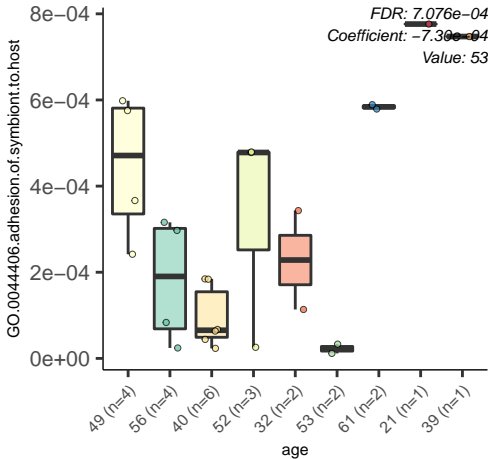
FDR:  $4.549 \times 10^{-4}$   
Coefficient:  $-1.06 \times 10^{-3}$   
Value: 52



GO.0061025.membrane.fusion

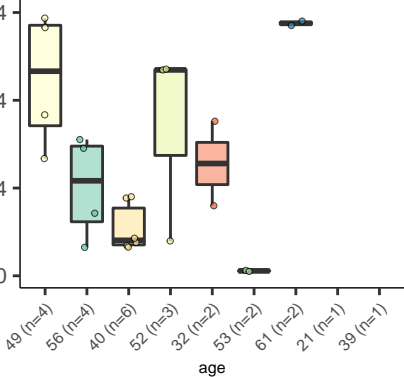
FDR:  $6.806 \times 10^{-4}$   
Coefficient:  $-1.35 \times 10^{-3}$   
Value: 56





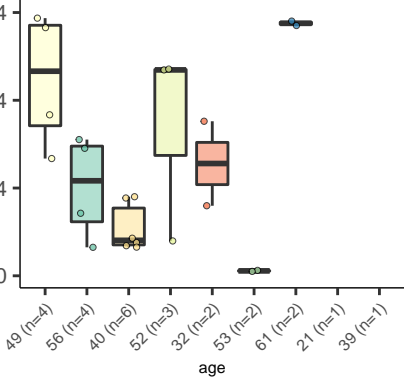
GO.0061024.membrane.organization

FDR:  $7.188 \times 10^{-4}$   
Coefficient:  $-9.71 \times 10^{-4}$   
Value: 52



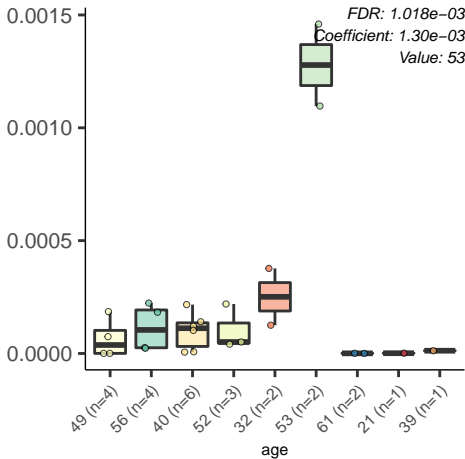
GO.0061024.membrane.organization

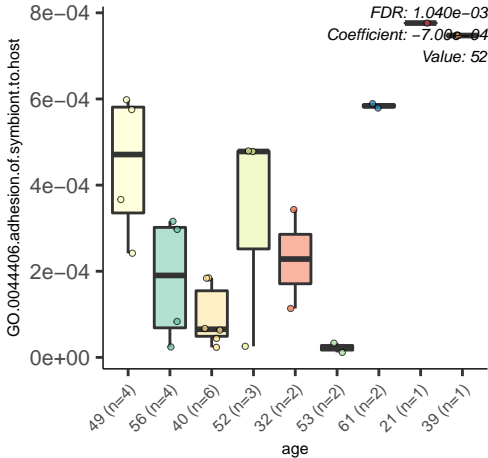
FDR:  $8.533\text{e-}04$   
Coefficient:  $-1.25\text{e-}03$   
Value: 56





6555.oxidoreductase.activity..acting.on.NAD.P.H..quinone.or.similar.





GO.0043603.cellular.amide.metabolic.process

0.003  
0.002  
0.001  
0.000

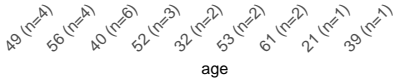
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

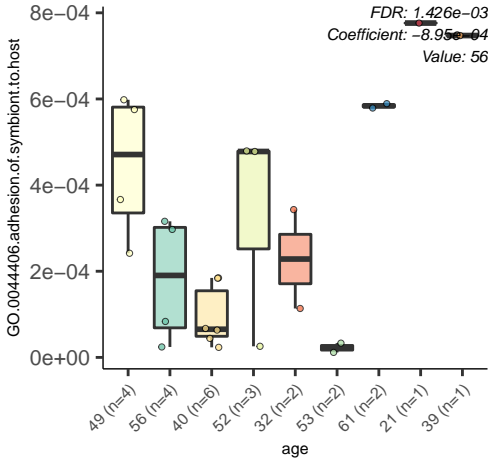
age

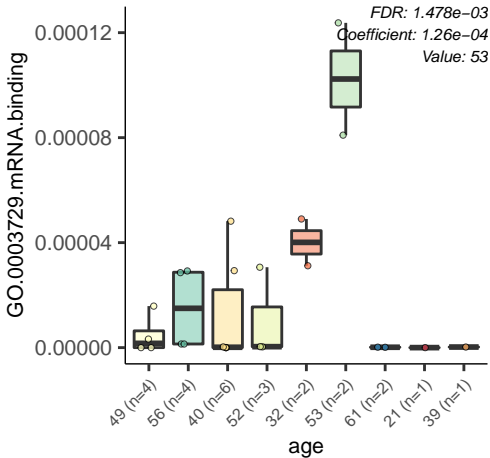
FDR: 1.302e-03

Coefficient: 2.73e-03

Value: 53

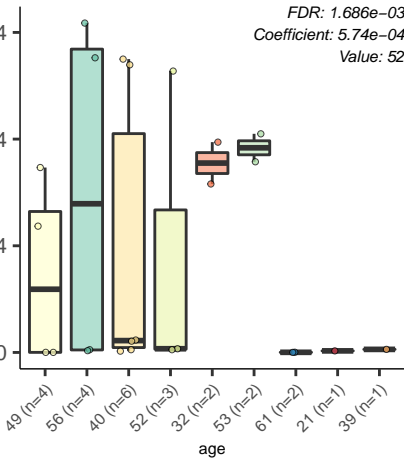




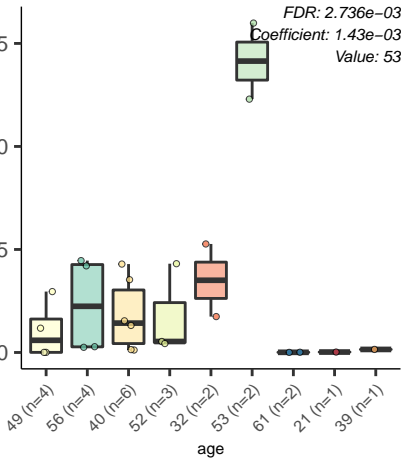


GO.0072522.purine.containing.compound.biosynthetic.pro

FDR: 1.686e-03  
Coefficient: 5.74e-04  
Value: 52



GO.0016651.oxidoreductase.activity.acting.on.NAD.P.H



GO.0019200.carbohydrate.kinase.activity

FDR: 2.958e-03  
Coefficient: 1.36e-03  
Value: 53

1e-03

5e-04

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

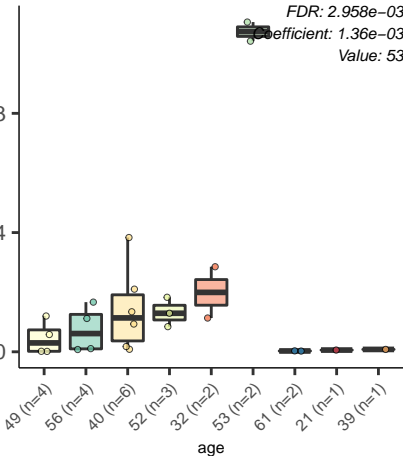
53 (n=2)

61 (n=2)

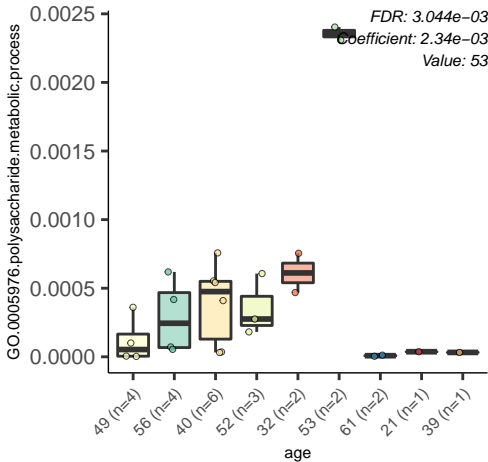
21 (n=1)

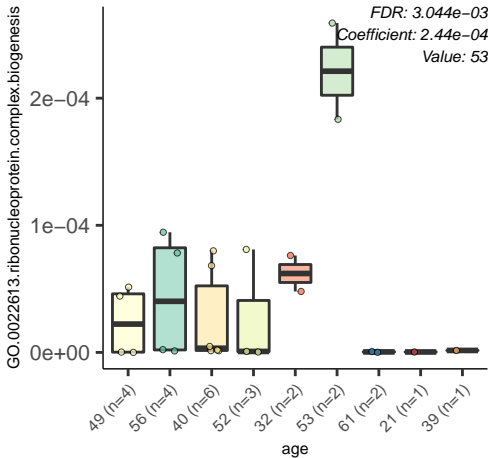
39 (n=1)

age

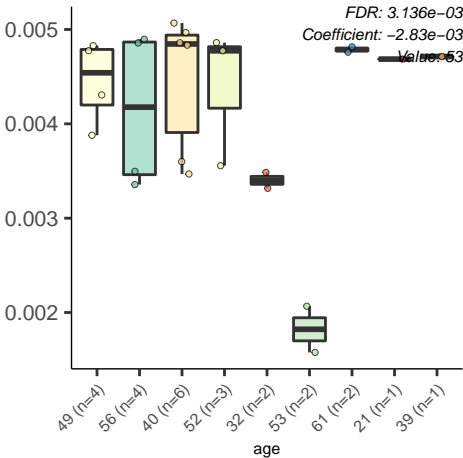






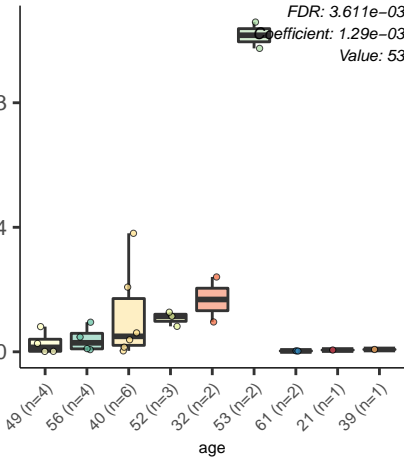


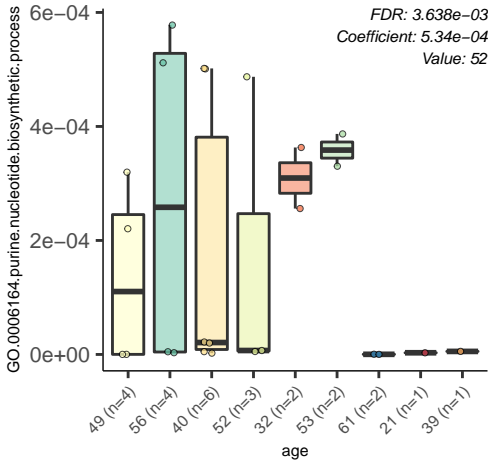
GO.0016070.RNA..metabolic.process



GO.0004747.ribokinase.activity

FDR: 3.611e-03  
Coefficient: 1.29e-03  
Value: 53





GO.0098743.cell.aggregation

1e-04

5e-05

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

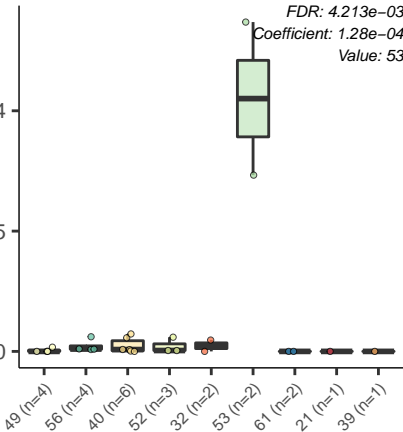
39 (n=1)

age

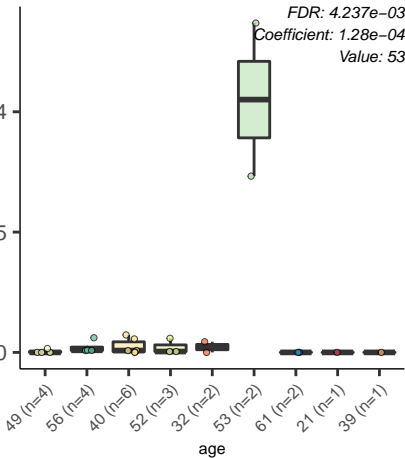
FDR: 4.213e-03

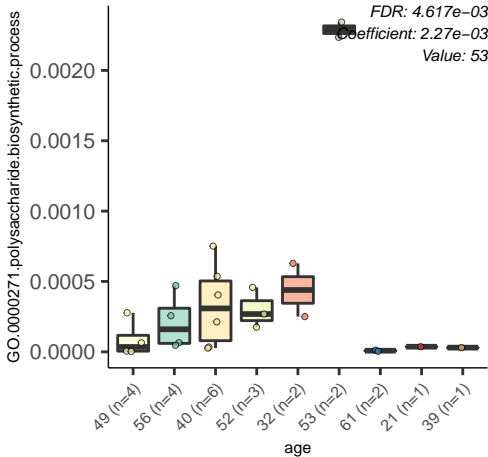
Coefficient: 1.28e-04

Value: 53

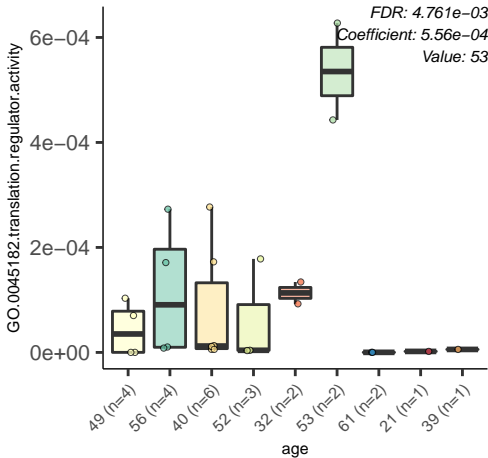


GO.0098630.aggregation.of.unicellular.organisms

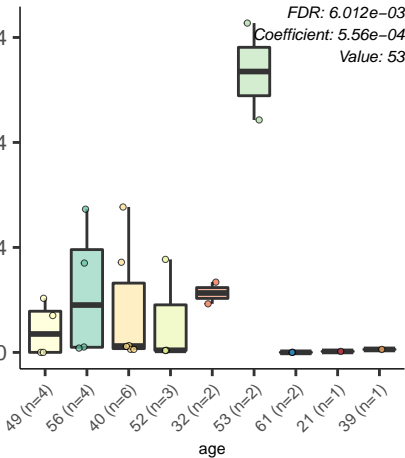




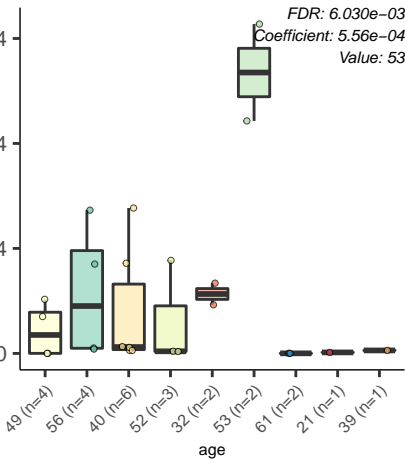


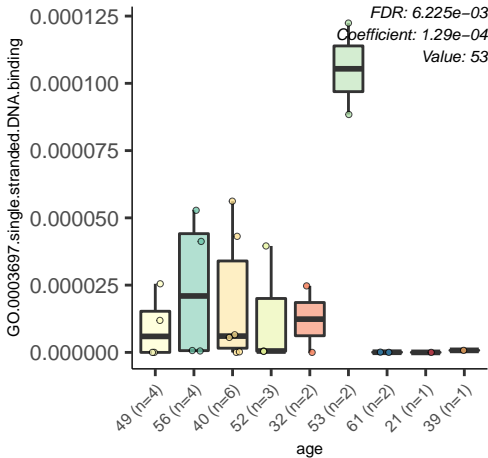


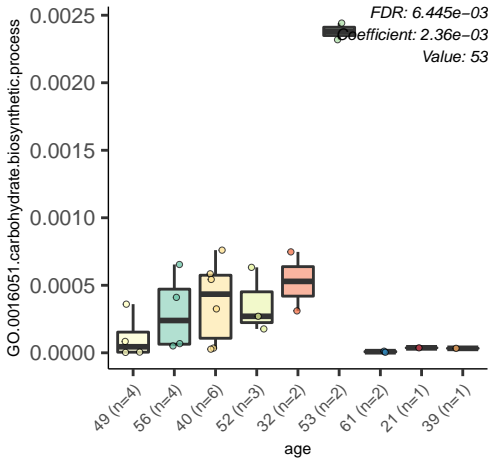
GO.0090079.translation.regulator.activity..nucleic.acid.binding



GO.0008135.translation.factor.activity..RNA.binding

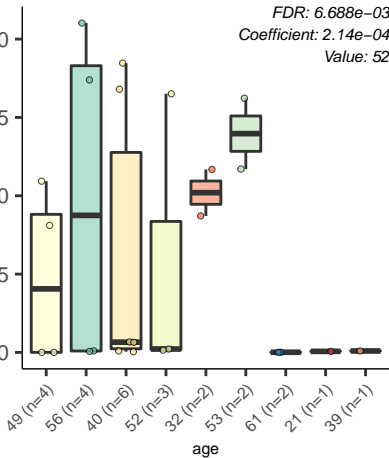






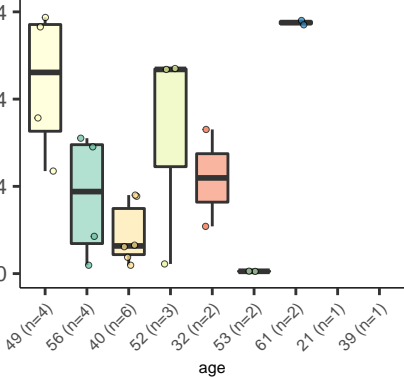
GO.0009167.purine.ribonucleoside.monophosphate.metabolic;

FDR: 6.688e-03  
Coefficient: 2.14e-04  
Value: 52



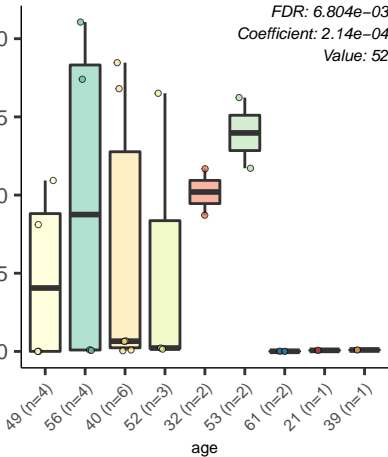
GO.0061025.membrane.fusion

FDR:  $6.688 \times 10^{-3}$   
Coefficient:  $-1.13 \times 10^{-3}$   
Value: 32



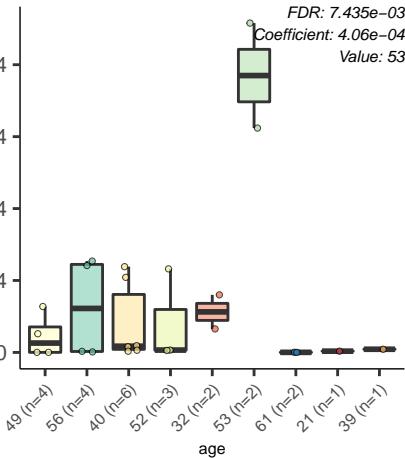
GO.0009126.purine.nucleoside.monophosphate.metabolic.p

FDR: 6.804e-03  
Coefficient: 2.14e-04  
Value: 52



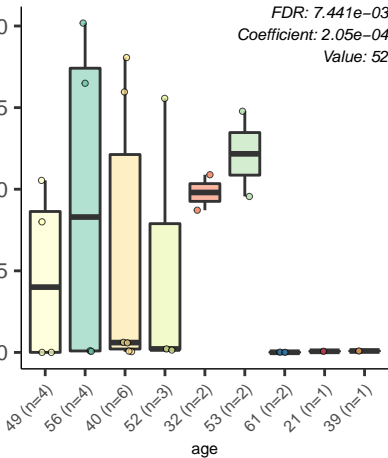


GO.0006414.translational.elongation

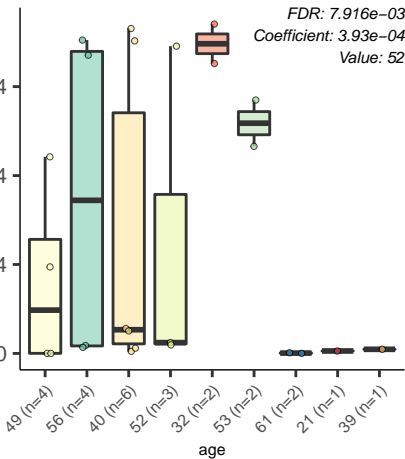


GO.0009127.purine.nucleoside.monophosphate.biosynthetic.p

FDR:  $7.441e-03$   
Coefficient:  $2.05e-04$   
Value: 52

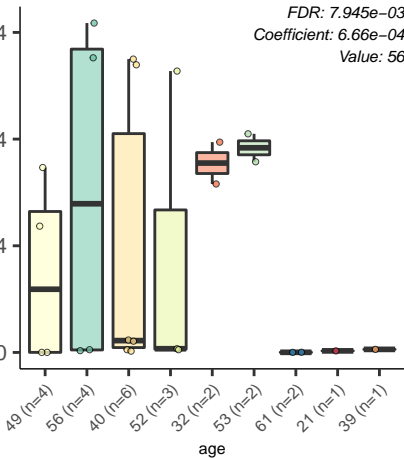


GO.0009057.macro-molecule.catabolic.process



GO.0072522.purine.containing.compound.biosynthetic.pro

FDR:  $7.945e-03$   
Coefficient:  $6.66e-04$   
Value: 56



GO.0003677.DNA.binding

FDR: 7.951e-03

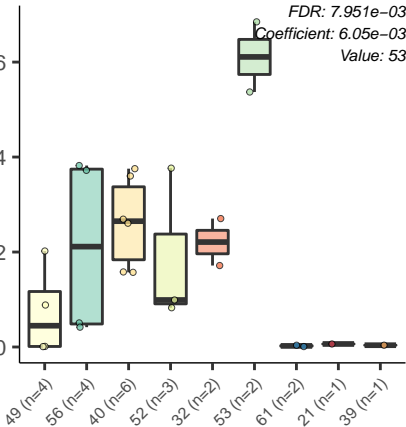
Coefficient: 6.05e-03

Value: 53

0.006  
0.004  
0.002  
0.000

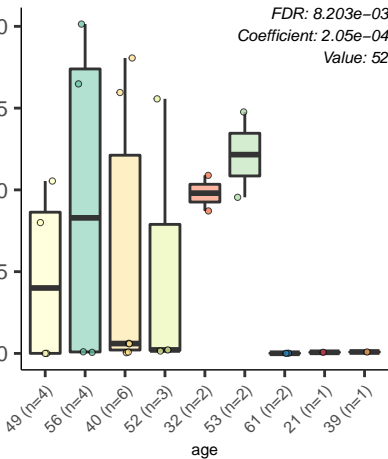
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age



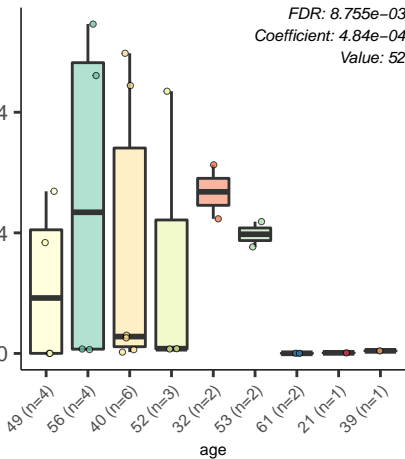
GO.0009168.purine.ribonucleoside.monophosphate.biosynthesis

FDR:  $8.203e-03$   
Coefficient:  $2.05e-04$   
Value: 52



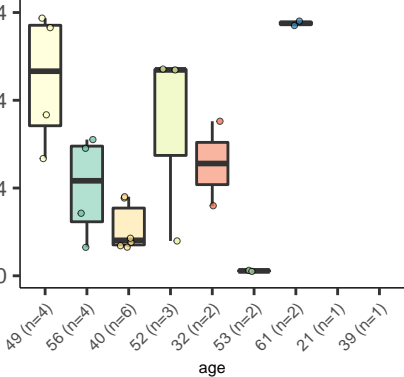
GO.0016879.ligase.activity..forming.carbon.nitrogen.bond

FDR:  $8.755e-03$   
Coefficient:  $4.84e-04$   
Value: 52



GO.0061024.membrane.organization

FDR:  $8.832e-03$   
Coefficient:  $-1.05e-03$   
Value: 32



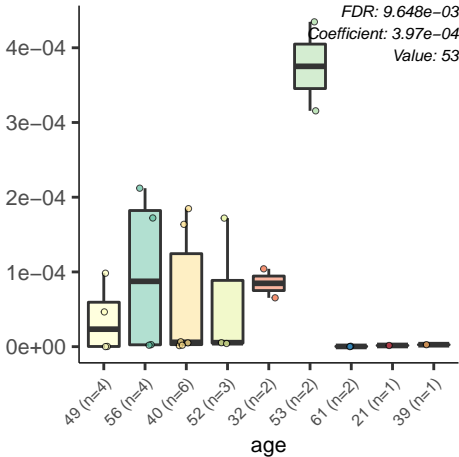


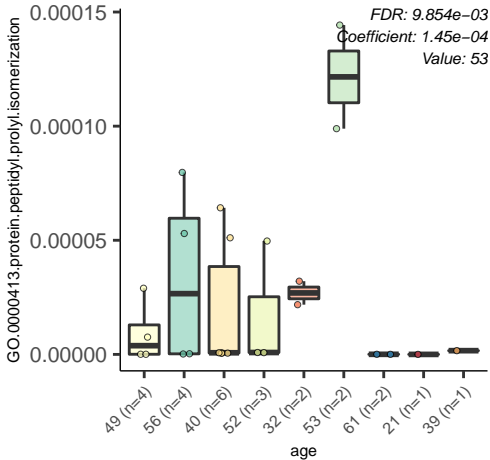
GO.0000049.tRNA.binding

FDR:  $9.648e-03$

Coefficient:  $3.97e-04$

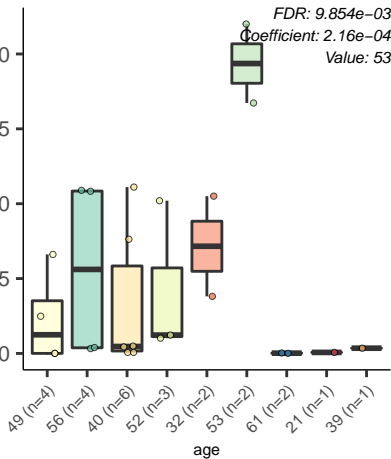
Value: 53

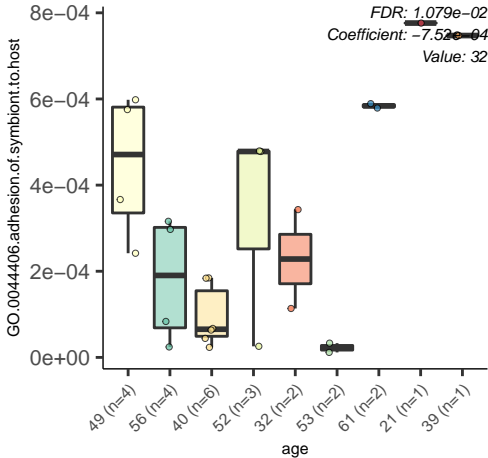






GO.0006006.glucose.metabolic.process





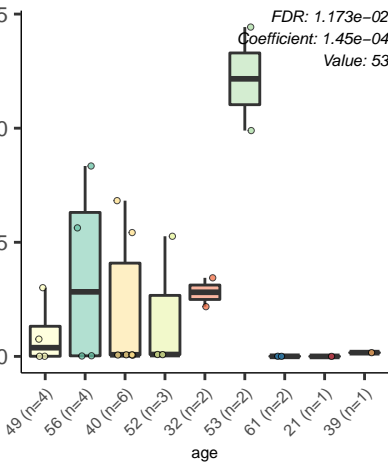
GO.0016859.cis.trans.isomerase.activity

0.00015  
0.00010  
0.00005  
0.00000

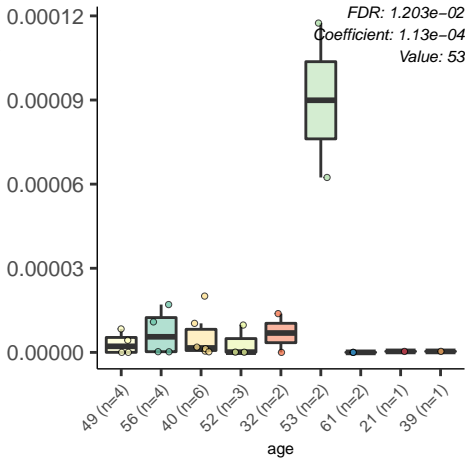
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age

FDR: 1.173e-02  
Coefficient: 1.45e-04  
Value: 53

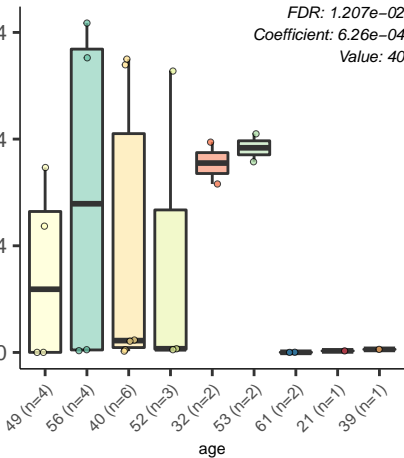


GO.0031072.heat.shock.protein.binding

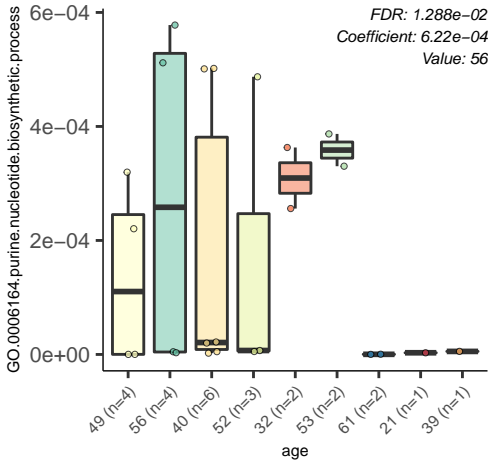


GO.0072522.purine.containing.compound.biosynthetic.pro

FDR: 1.207e-02  
Coefficient: 6.26e-04  
Value: 40



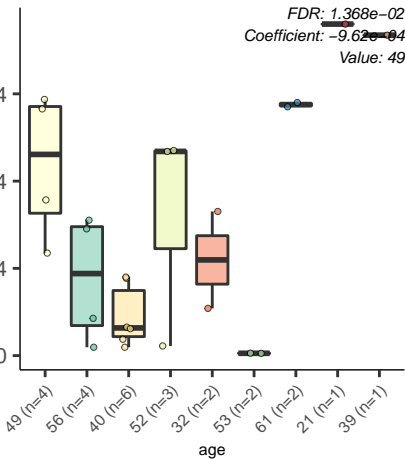




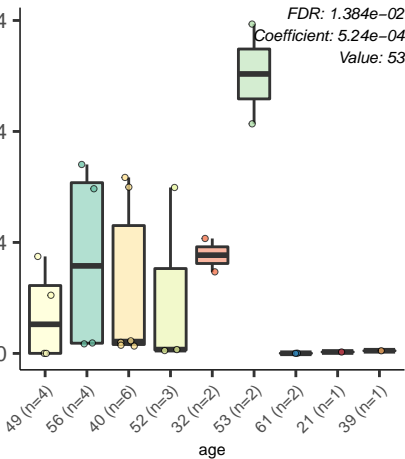


GO.0061025.membrane.fusion

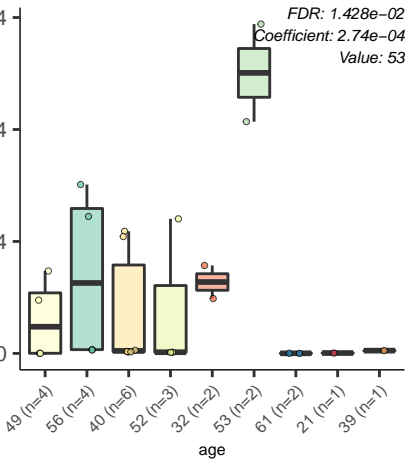
FDR:  $1.368 \times 10^{-2}$   
Coefficient:  $-9.62 \times 10^{-4}$   
Value: 49

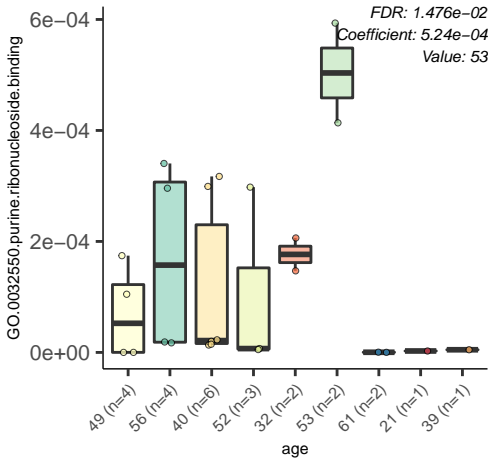


GO.0001883.purine.nucleoside.binding

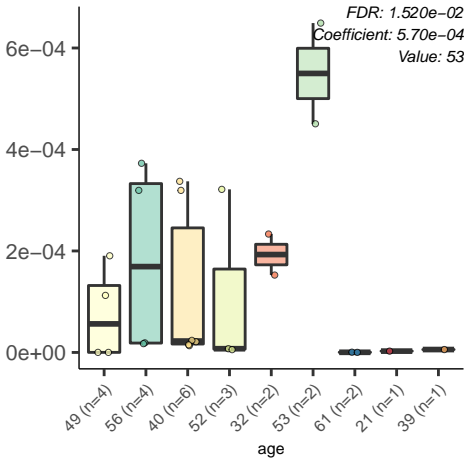


GO.0003899.DNA.directed.5.3.RNA.polymerase.activity

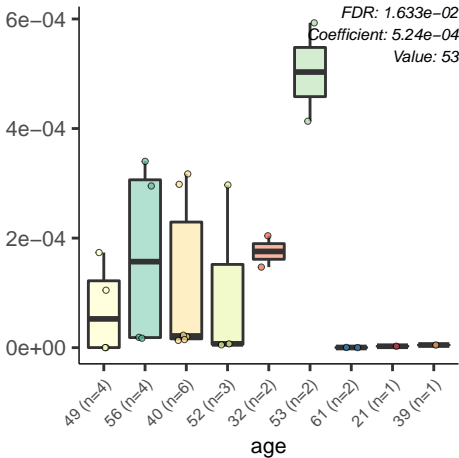




GO.0032549.ribonucleoside.binding



GO.0005525.GTP.binding





GO.0140102.catalytic.activity..acting.on.a.rRNA

0.00015  
0.00010  
0.00005  
0.00000

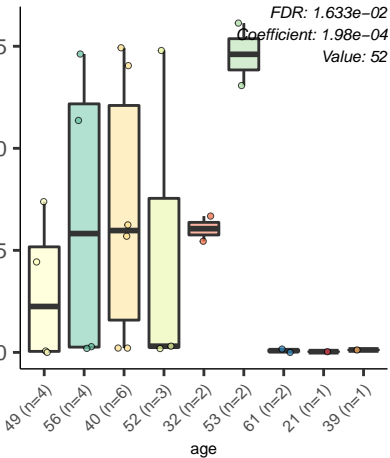
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age

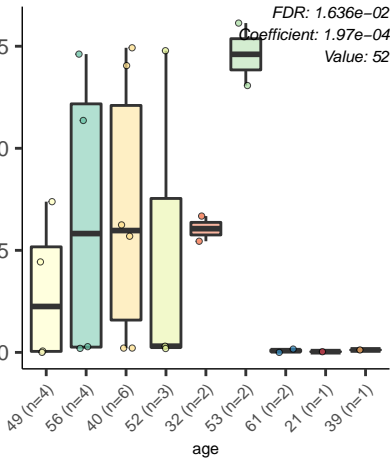
FDR: 1.633e-02

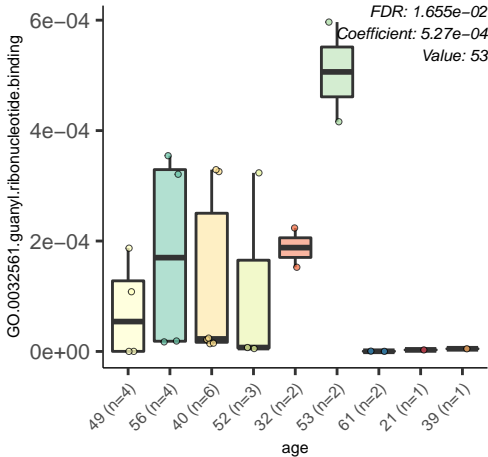
Coefficient: 1.98e-04

Value: 52

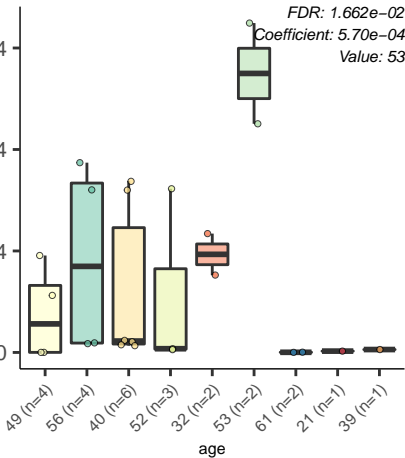


GO.0008649.rRNA.methyltransferase.activity



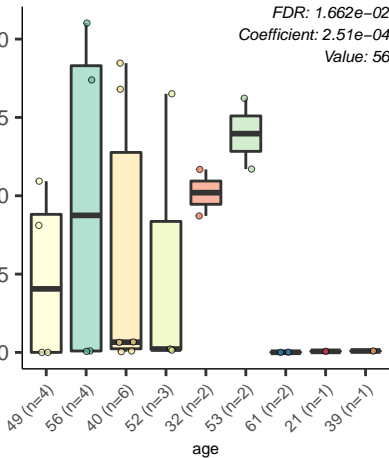


GO.0001882.nucleoside.binding

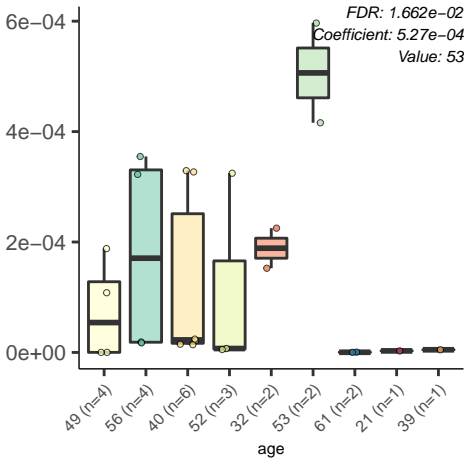


GO.0009167.purine.ribonucleoside.monophosphate.metabolic;

FDR: 1.662e-02  
Coefficient: 2.51e-04  
Value: 56

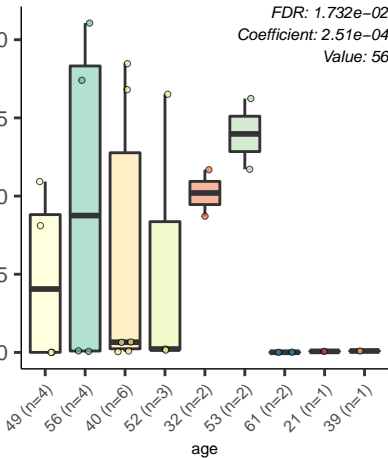


GO.0019001.guanyl.nucleotide.binding



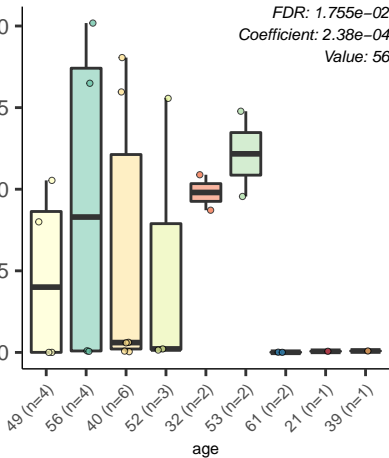
GO.0009126.purine.nucleoside.monophosphate.metabolic.pr

FDR: 1.732e-02  
Coefficient: 2.51e-04  
Value: 56



GO.0009127.purine.nucleoside.monophosphate.biosynthetic.p

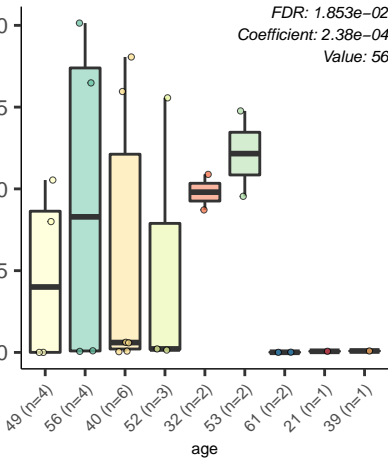
FDR: 1.755e-02  
Coefficient: 2.38e-04  
Value: 56

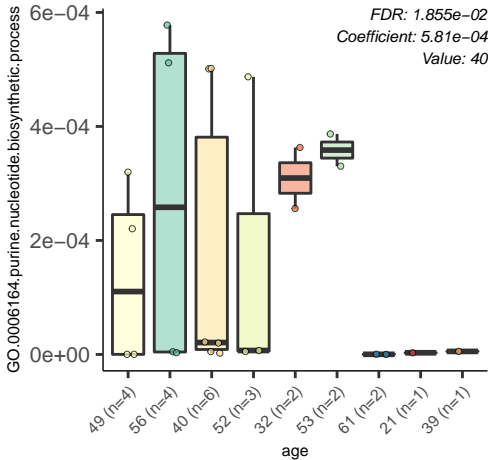




GO.0009168.purine.ribonucleoside.monophosphate.biosynthetic

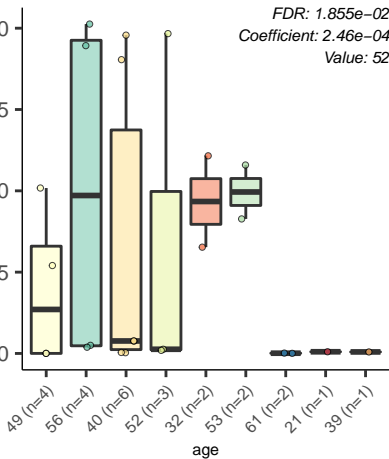
FDR: 1.853e-02  
Coefficient: 2.38e-04  
Value: 56

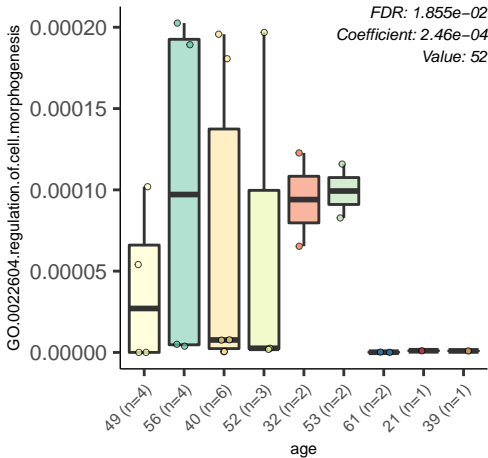




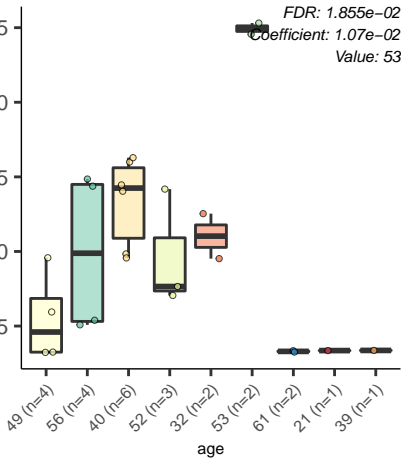
GO.0008360.regulation.of.cell.shape

FDR: 1.855e-02  
Coefficient: 2.46e-04  
Value: 52



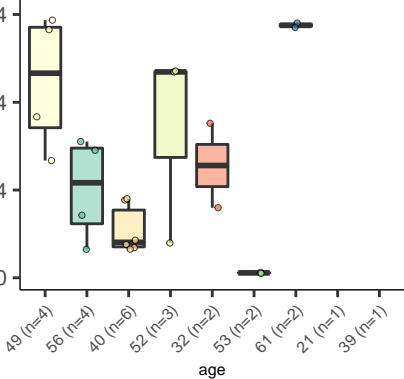


GO.0044260.cellular.macromolecule.metabolic.process



GO.0061024.membrane.organization

FDR:  $1.855 \times 10^{-2}$   
Coefficient:  $-8.93 \times 10^{-4}$   
Value: 49



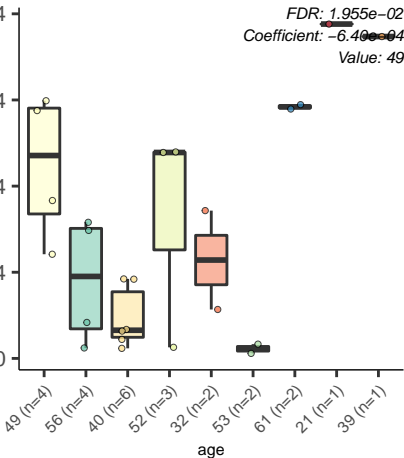
GO.0044406.adhesion.of.symbiont.to.host

8e-04  
6e-04  
4e-04  
2e-04  
0e+00

49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

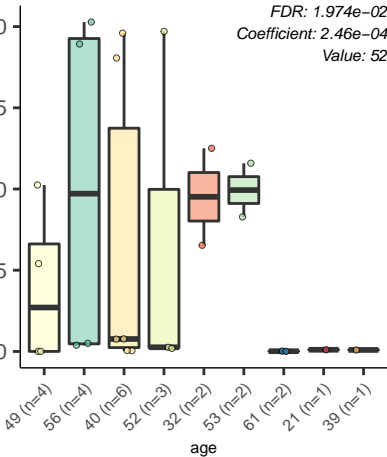
age

FDR: 1.955e-02  
Coefficient: -6.40e-04  
Value: 49



GO.0022603.regulation.of.anatomical.structure.morphogen

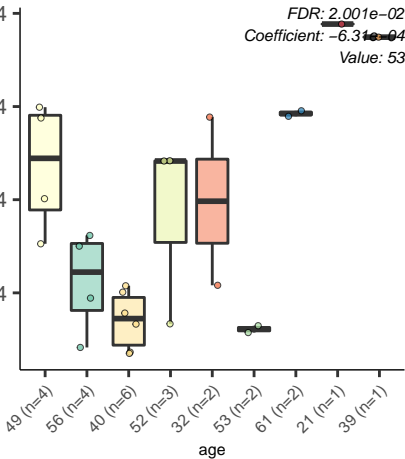
FDR: 1.974e-02  
Coefficient: 2.46e-04  
Value: 52





GO.0022610.biological.adhesion

FDR:  $2.001e-02$   
Coefficient:  $-6.31e-04$   
Value: 53



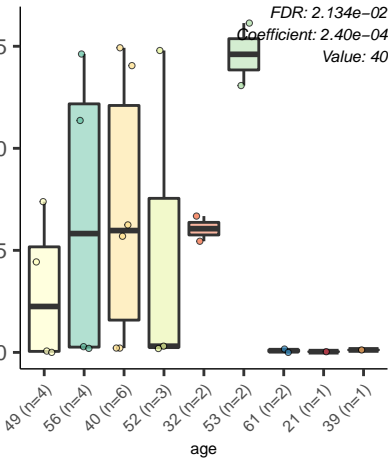
GO.0140102.catalytic.activity..acting.on.a.rRNA

0.00015  
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0.00005  
0.00000

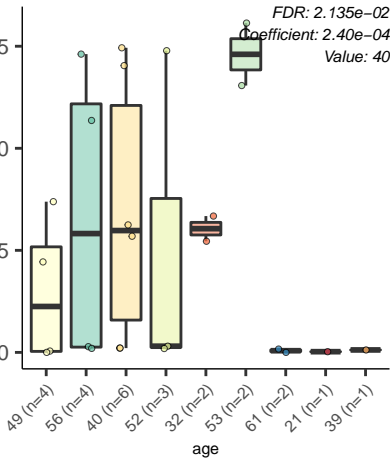
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

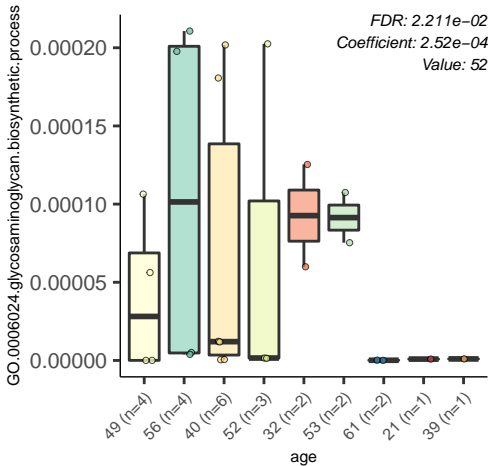
age

FDR: 2.134e-02  
Coefficient: 2.40e-04  
Value: 40

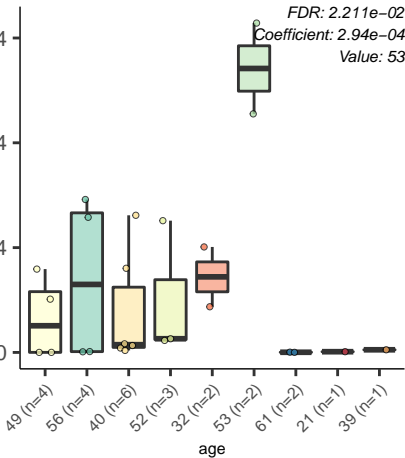


GO.0008649.rRNA.methyltransferase.activity

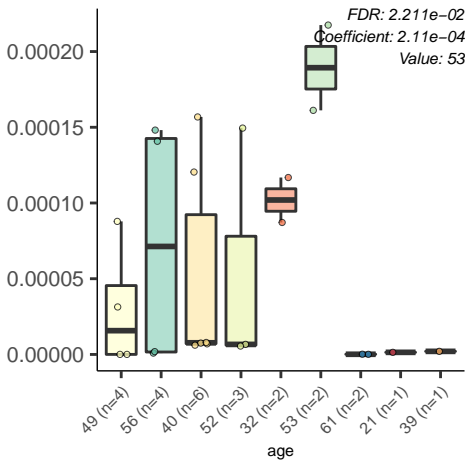




GO.0009185.ribonucleoside.diphosphate.metabolic.proce

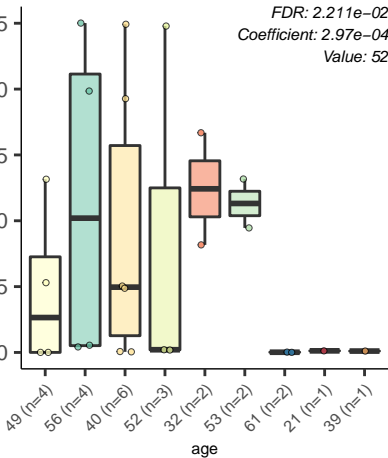


GO.0022402.cell.cycle.process



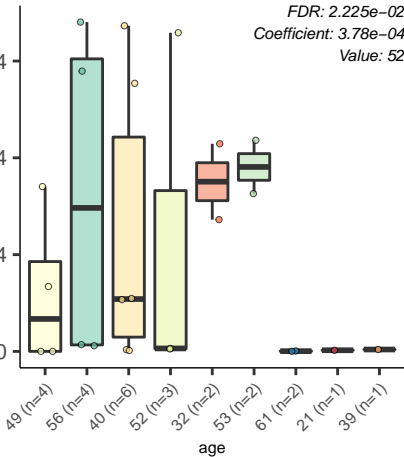
GO.0071555.cell.wall.organization

FDR: 2.211e-02  
Coefficient: 2.97e-04  
Value: 52



GO.0006022.aminoglycan.metabolic.process

FDR: 2.225e-02  
Coefficient: 3.78e-04  
Value: 52



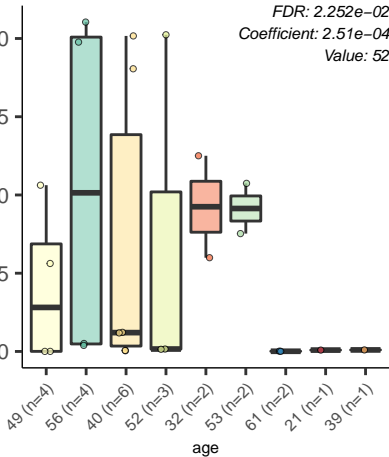


GO.0009252.peptidoglycan.biosynthetic.process

FDR: 2.252e-02

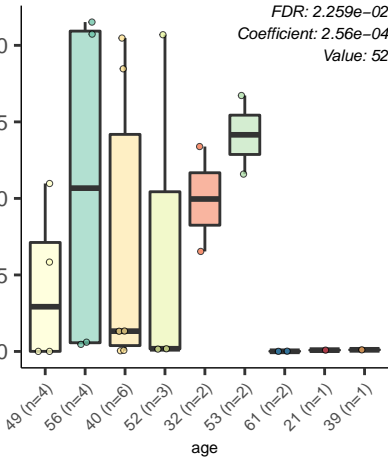
Coefficient: 2.51e-04

Value: 52



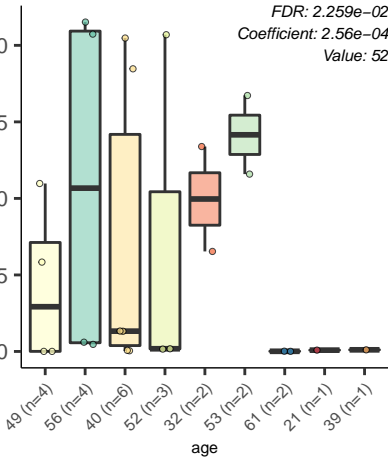
GO.0044038.cell.wall.macromolecule.biosynthetic.proces

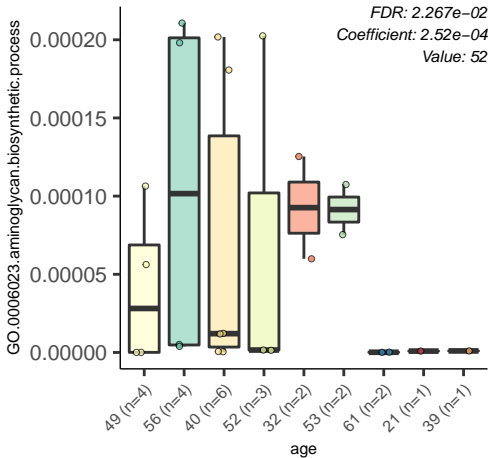
FDR: 2.259e-02  
Coefficient: 2.56e-04  
Value: 52



GO.0070589.cellular.component.macromolecule.biosynthetic.p

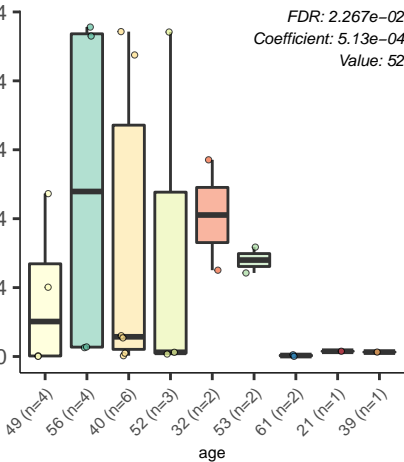
FDR: 2.259e-02  
Coefficient: 2.56e-04  
Value: 52





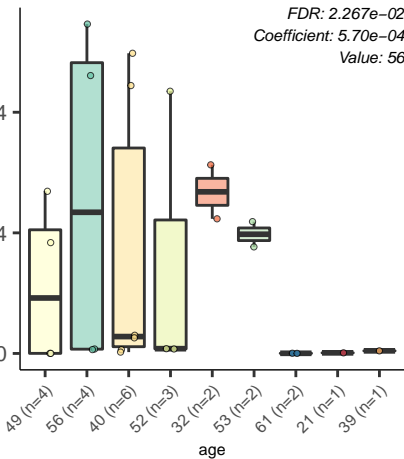
GO.0016835.carbon.oxygen.lyase.activity

FDR: 2.267e-02  
Coefficient: 5.13e-04  
Value: 52

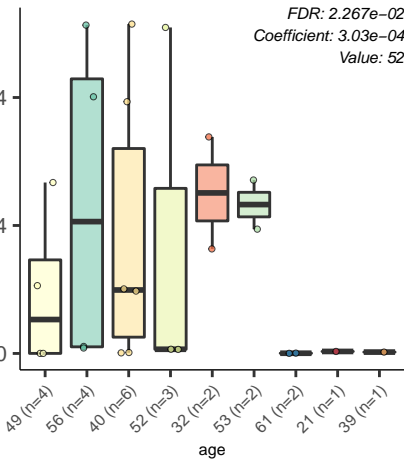


GO.0016879.ligase.activity..forming.carbon.nitrogen.bond

FDR: 2.267e-02  
Coefficient: 5.70e-04  
Value: 56

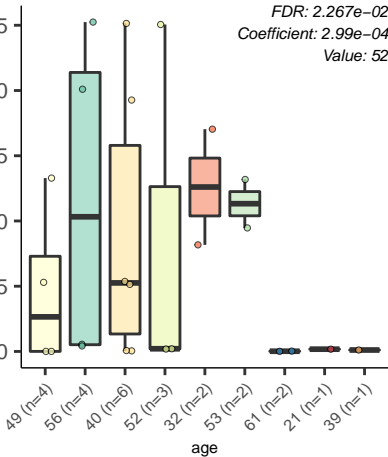


FDR: 2.267e-02  
Coefficient: 3.03e-04  
Value: 52



GO.0071554.cell.wall.organization.or.biogenesis

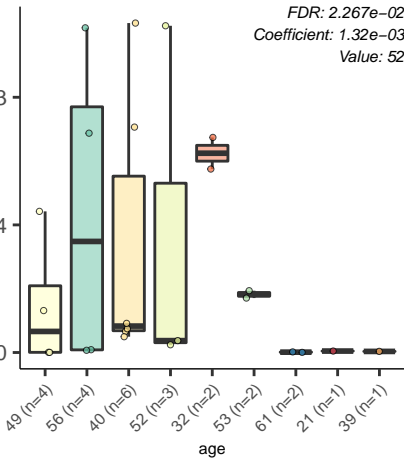
FDR: 2.267e-02  
Coefficient: 2.99e-04  
Value: 52

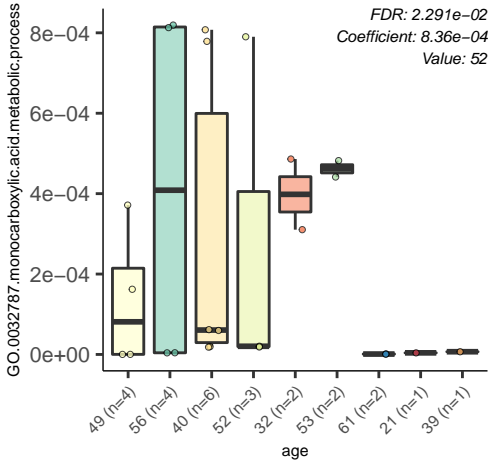




GO.0098772.molecular.function.regulator

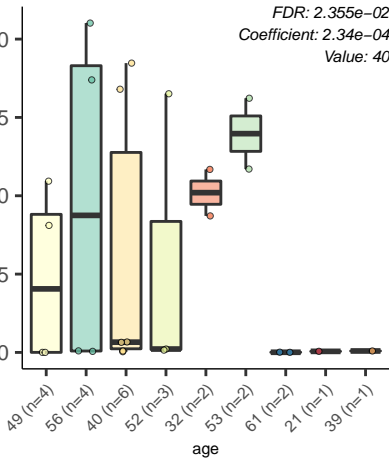
FDR: 2.267e-02  
Coefficient: 1.32e-03  
Value: 52



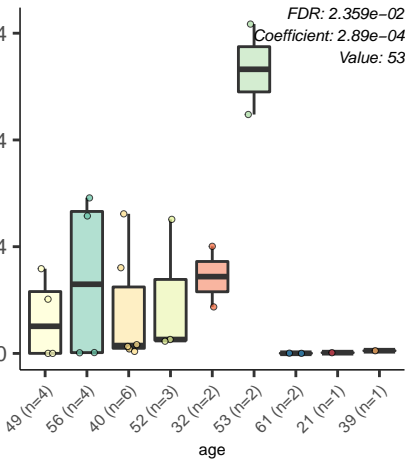


GO.0009167.purine.ribonucleoside.monophosphate.metabolic;

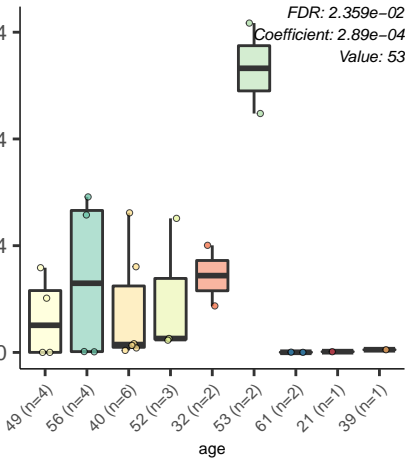
FDR: 2.355e-02  
Coefficient: 2.34e-04  
Value: 40



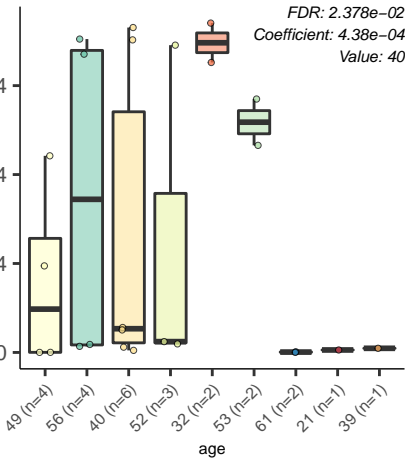
GO.0009135.purine.nucleoside.diphosphate.metabolic.pro



GO.0009179.purine.ribonucleoside.diphosphate.metabolic.pr

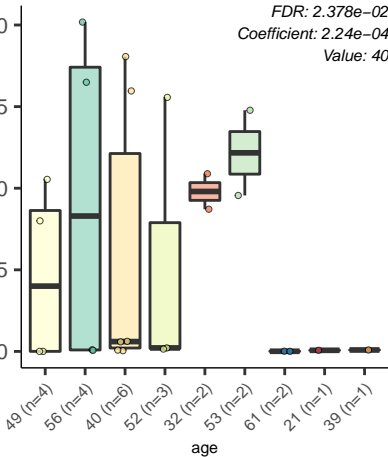


GO.0009057.macromolecule.catabolic.process

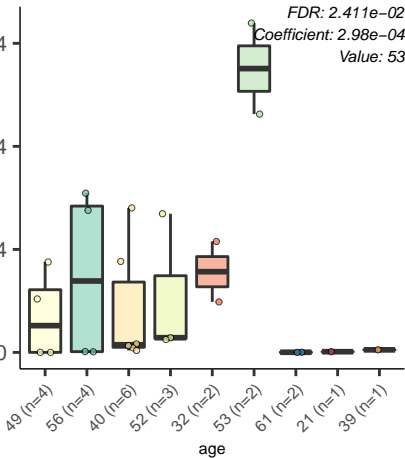


GO.0009127.purine.nucleoside.monophosphate.biosynthetic.p

FDR: 2.378e-02  
Coefficient: 2.24e-04  
Value: 40



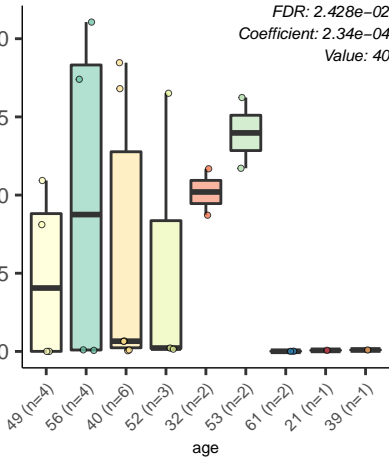
GO.0009132.nucleoside.diphosphate.metabolic.process





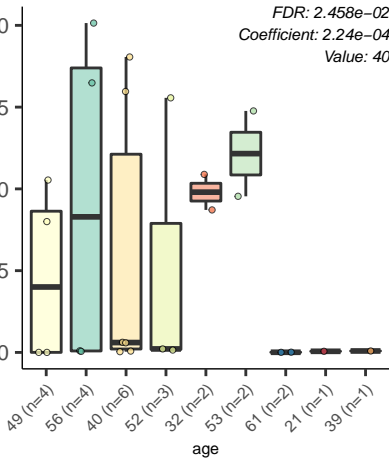
GO.0009126.purine.nucleoside.monophosphate.metabolic.p

FDR: 2.428e-02  
Coefficient: 2.34e-04  
Value: 40

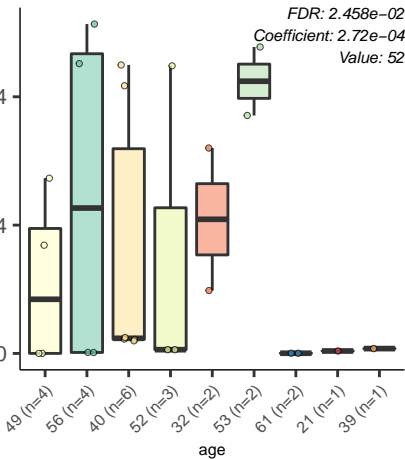


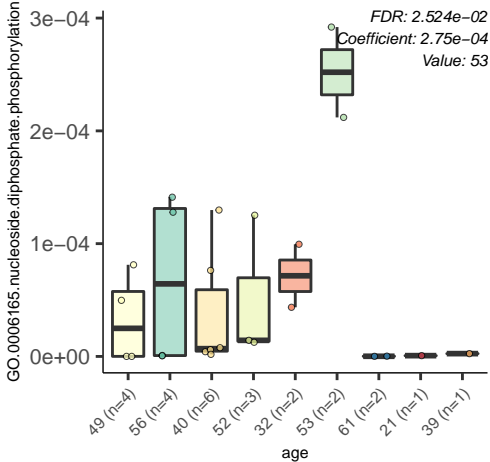
GO.0009168.purine.ribonucleoside.monophosphate.biosynthetic

FDR: 2.458e-02  
Coefficient: 2.24e-04  
Value: 40

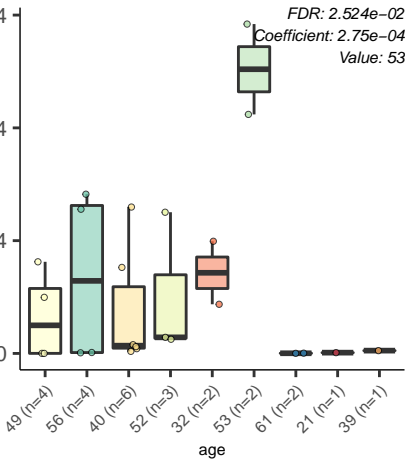


GO.1901657.glycosyl.compound.metabolic.process

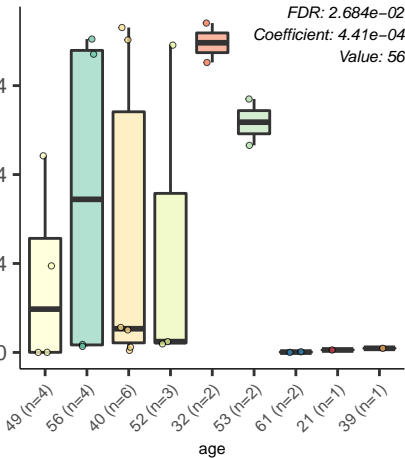


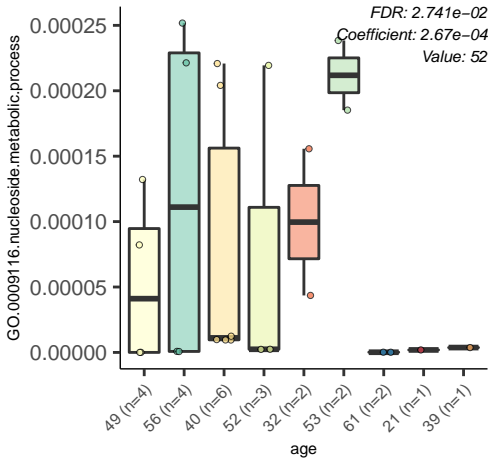


GO.0046939.nucleotide.phosphorylation



GO.0009057.macromolecule.catabolic.process



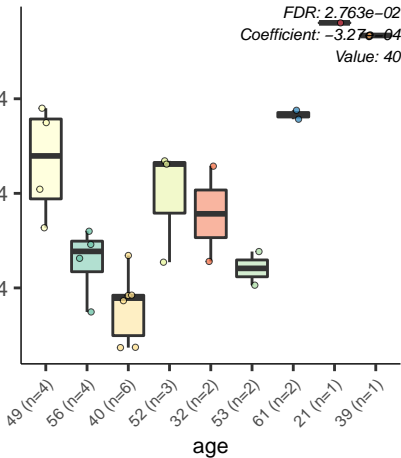


GO.0009405.pathogenesis

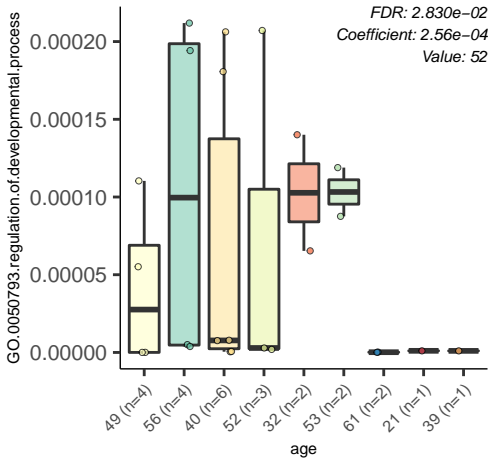
FDR: 2.763e-02

Coefficient: -3.27e-04

Value: 40







GO.0090529.cell.septum.assembly

1e-04

5e-05

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

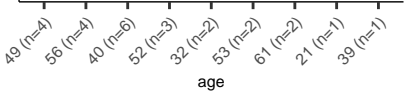
39 (n=1)

age

FDR: 2.830e-02

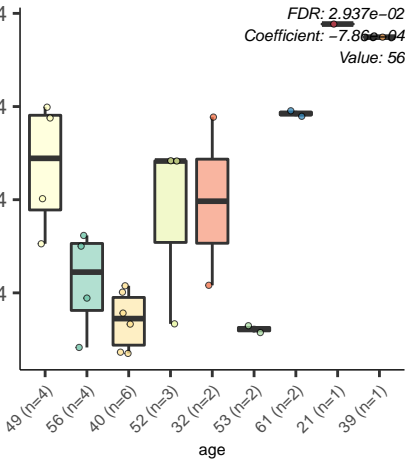
Coefficient: 1.36e-04

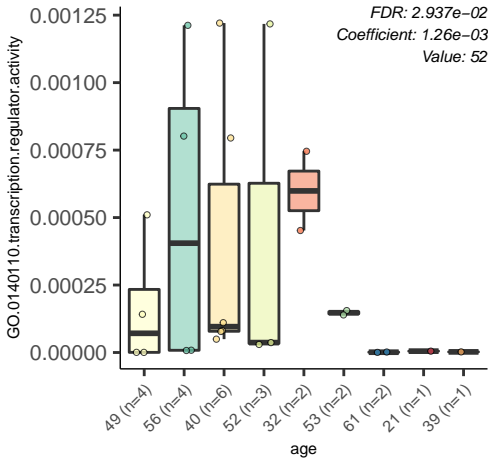
Value: 53



GO.0022610.biological.adhesion

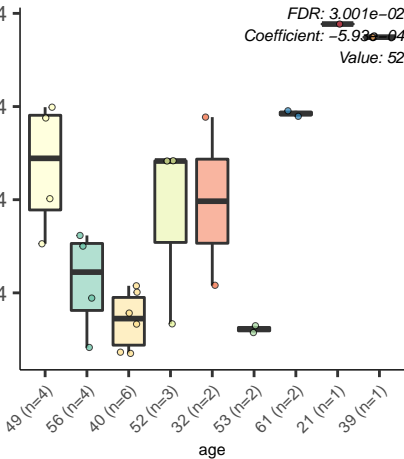
FDR:  $2.937e-02$   
Coefficient:  $-7.86e-04$   
Value: 56





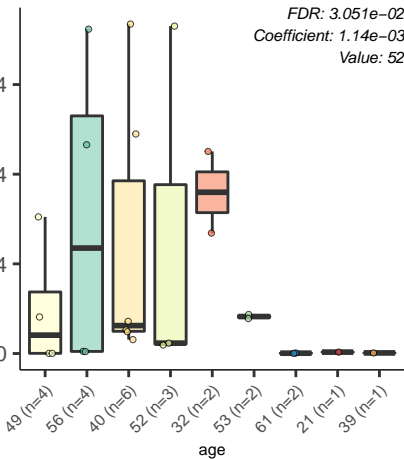
GO.0022610.biological.adhesion

FDR:  $3.001e-02$   
Coefficient:  $-5.93e-04$   
Value: 52



GO.0003700.DNA.binding.transcription.factor.activity

FDR: 3.051e-02  
Coefficient: 1.14e-03  
Value: 52



GO.0006413.translational.initiation

1e-04

5e-05

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

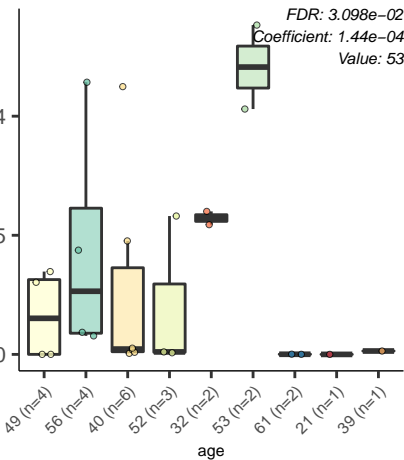
39 (n=1)

age

FDR: 3.098e-02

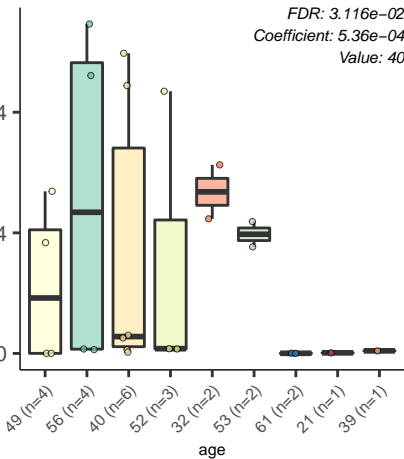
Coefficient: 1.44e-04

Value: 53



GO.0016879.ligase.activity..forming.carbon.nitrogen.bond

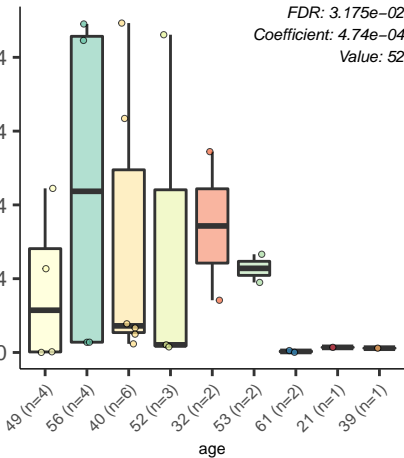
FDR: 3.116e-02  
Coefficient: 5.36e-04  
Value: 40





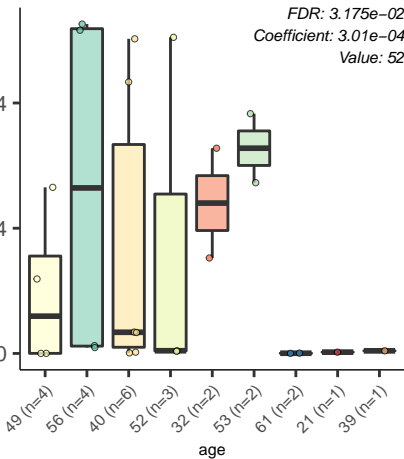
GO.0043648.dicarboxylic.acid.metabolic.process

FDR: 3.175e-02  
Coefficient: 4.74e-04  
Value: 52



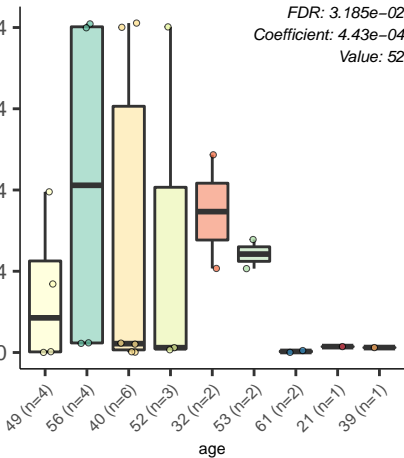
GO.0044036.cell.wall.macromolecule.metabolic.process

FDR: 3.175e-02  
Coefficient: 3.01e-04  
Value: 52

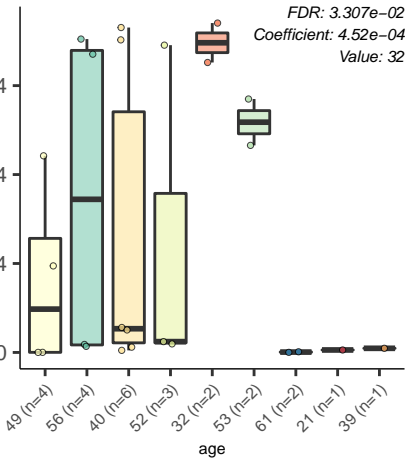


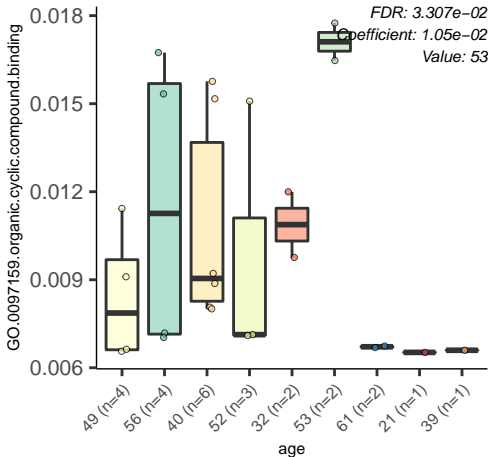
GO.0016836.hydro.lyase.activity

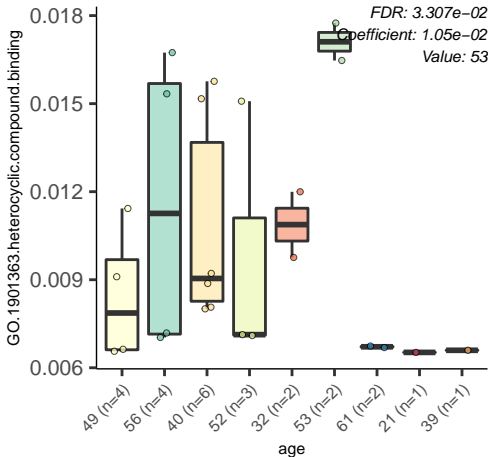
FDR: 3.185e-02  
Coefficient: 4.43e-04  
Value: 52



GO.0009057.macromolecule.catabolic.process

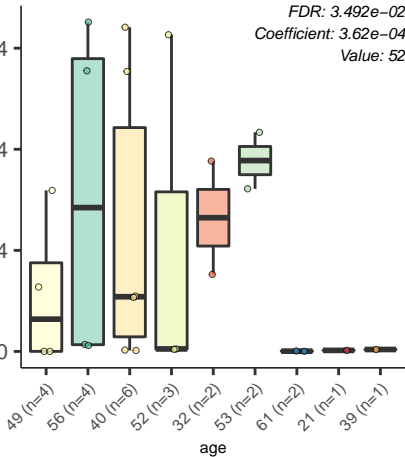






GO.0000270.peptidoglycan.metabolic.process

FDR:  $3.492e-02$   
Coefficient:  $3.62e-04$   
Value: 52



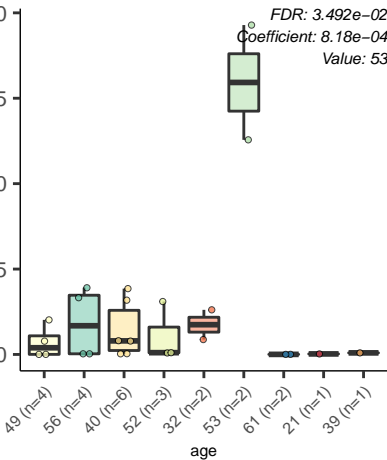
GO.0006457.protein.folding

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0.00025  
0.00000

49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age

FDR:  $3.492e-02$   
Coefficient:  $8.18e-04$   
Value: 53





GO.0016853.isomerase.activity

0.003

0.002

0.001

0.000

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

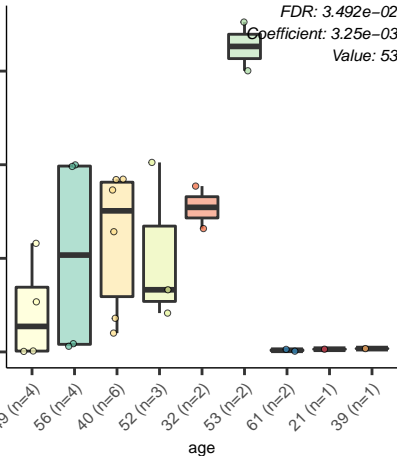
39 (n=1)

age

FDR: 3.492e-02

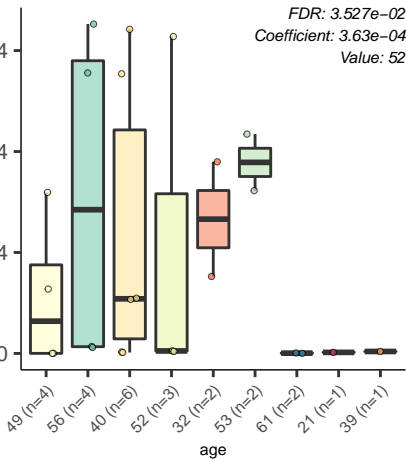
Coefficient: 3.25e-03

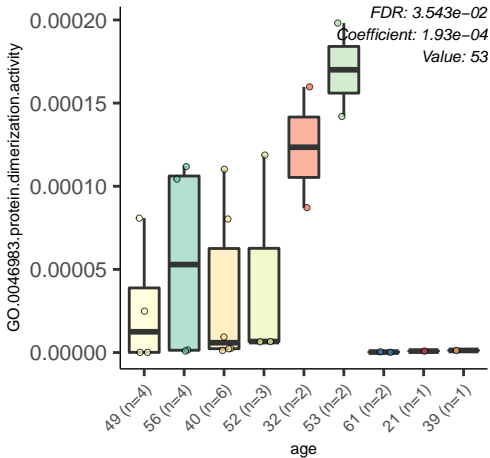
Value: 53



GO.0030203.glycosaminoglycan.metabolic.process

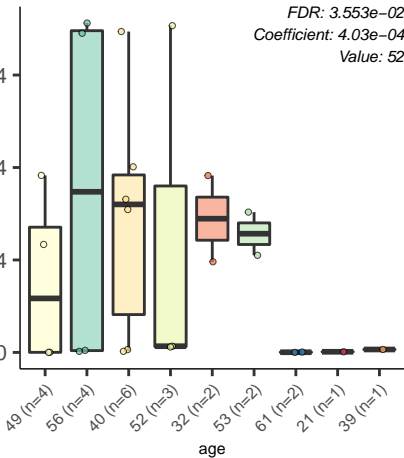
FDR:  $3.527e-02$   
Coefficient:  $3.63e-04$   
Value: 52





GO.0009067.aspartate.family.amino.acid.biosynthetic.pro

FDR:  $3.553e-02$   
Coefficient:  $4.03e-04$   
Value: 52



GO.0140102.catalytic.activity..acting.on.a.rRNA

0.00015  
0.00010  
0.00005  
0.00000

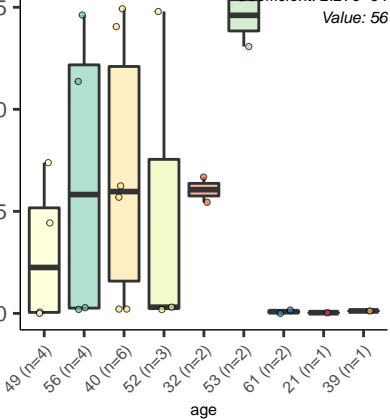
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age

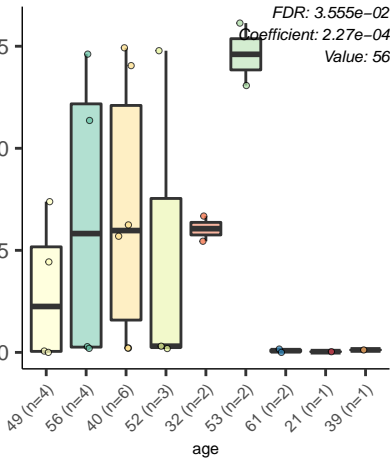
FDR: 3.553e-02

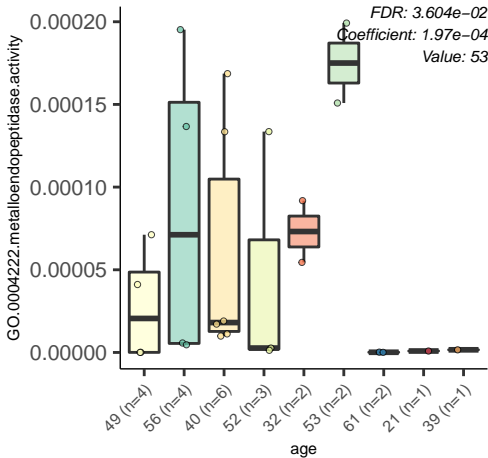
Coefficient: 2.27e-04

Value: 56



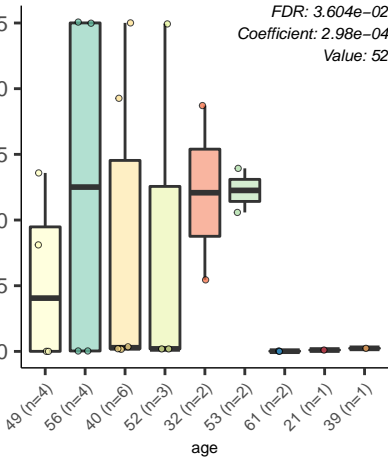
GO.0008649.rRNA.methyltransferase.activity





GO.0006400.tRNA.modification

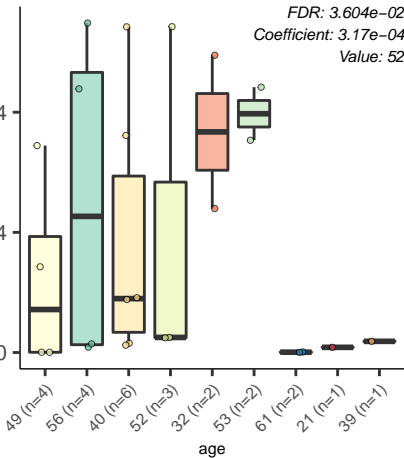
FDR: 3.604e-02  
Coefficient: 2.98e-04  
Value: 52



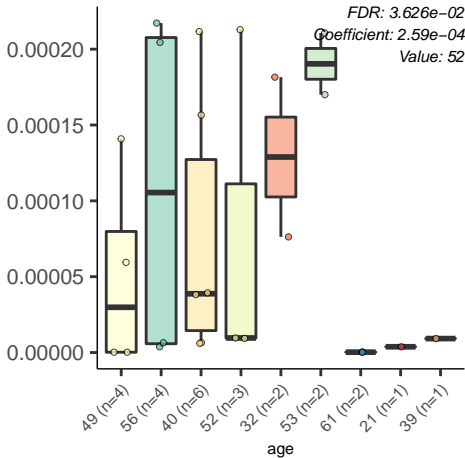


GO.0042592.homeostatic.process

FDR:  $3.604e-02$   
Coefficient:  $3.17e-04$   
Value: 52

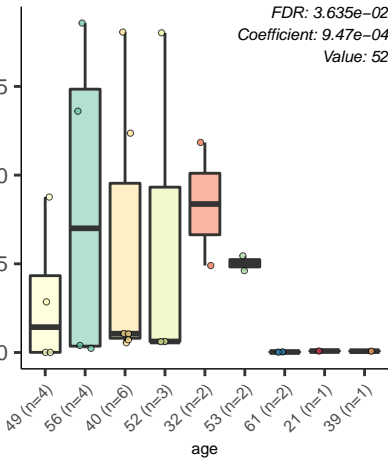


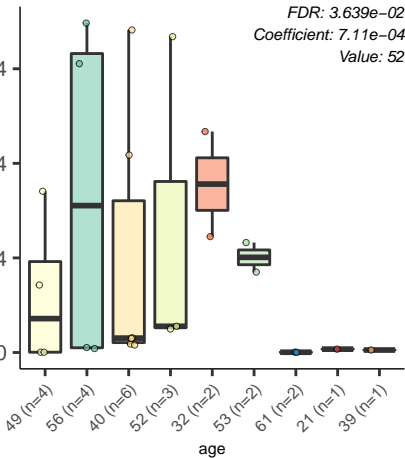
GO.0019725.cellular.homeostasis



GO.0030001.metal.ion.transport

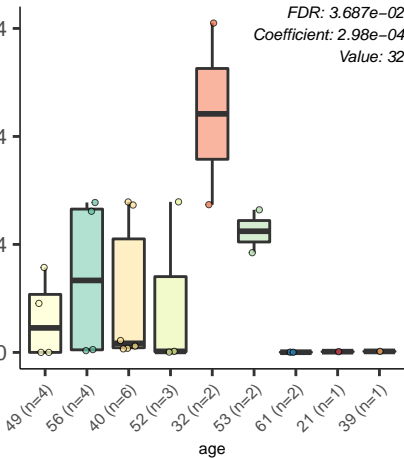
FDR: 3.635e-02  
Coefficient: 9.47e-04  
Value: 52



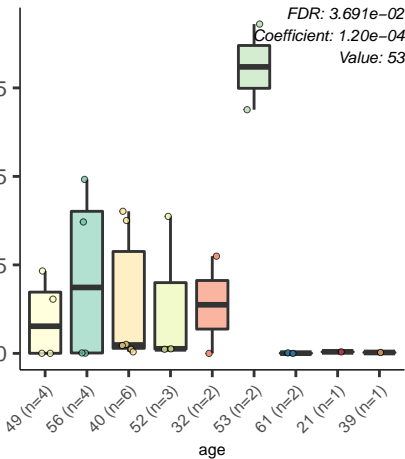


GO.0043177.organic.acid.binding

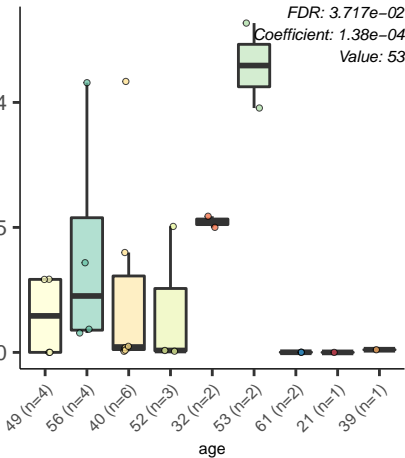
FDR:  $3.687e-02$   
Coefficient:  $2.98e-04$   
Value: 32



GO.0019205.nucleobase.containing.compound.kinase.acti

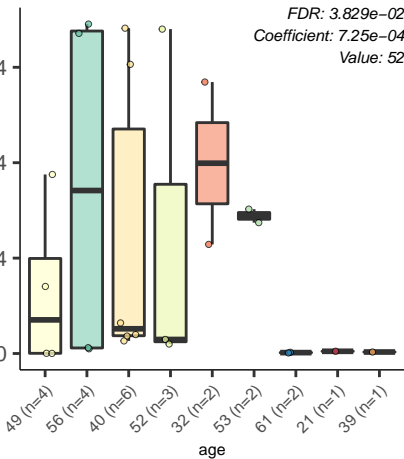


GO.0003743.translation.initiation.factor.activity

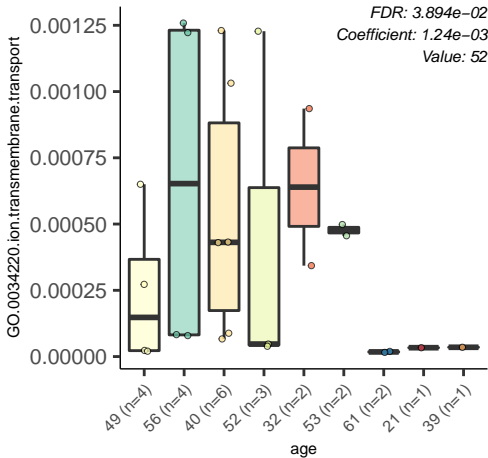


GO.0022890.inorganic.cation.transmembrane.transporter.ac

FDR: 3.829e-02  
Coefficient: 7.25e-04  
Value: 52







GO.0032506.cytokinetic.process

1e-04

5e-05

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

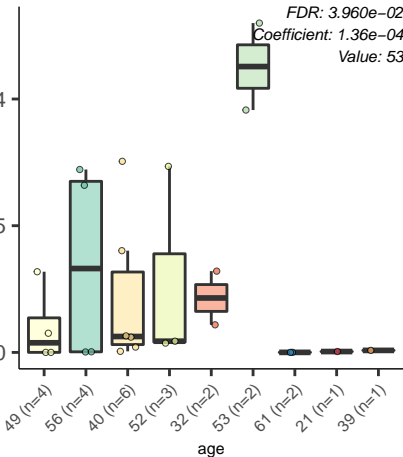
39 (n=1)

age

FDR: 3.960e-02

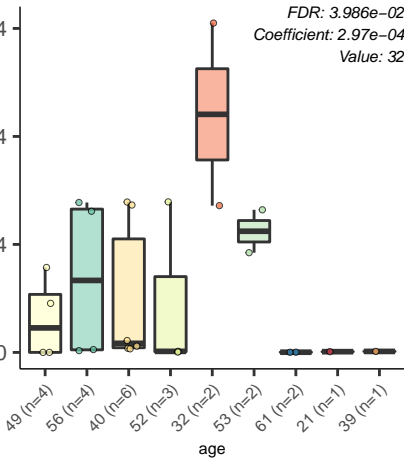
Coefficient: 1.36e-04

Value: 53

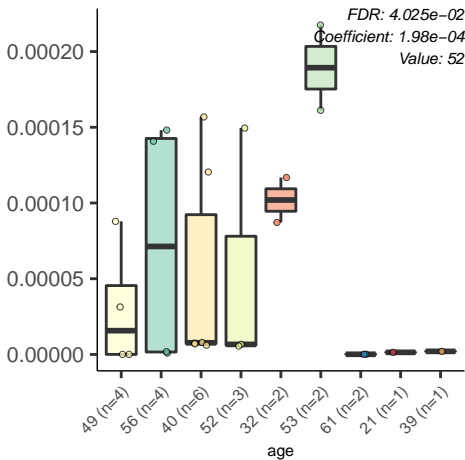


GO.0031406.carboxylic.acid.binding

FDR: 3.986e-02  
Coefficient: 2.97e-04  
Value: 32

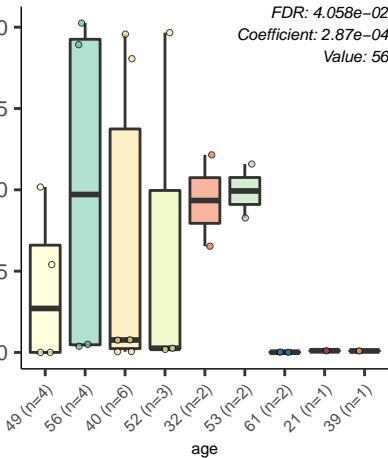


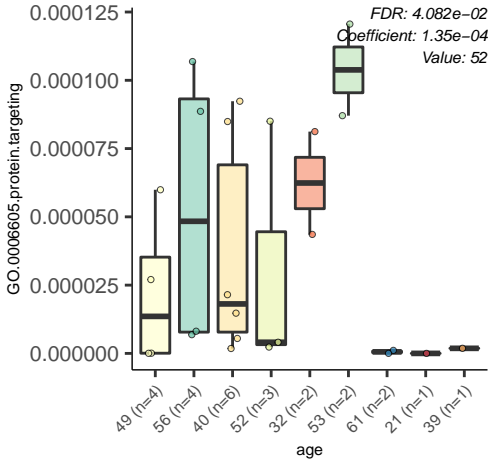
GO.0022402.cell.cycle.process

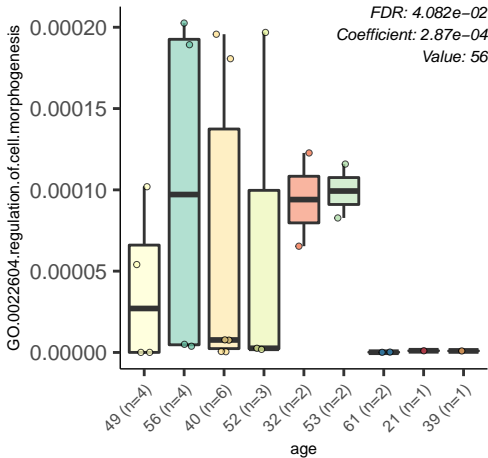


GO.0008360.regulation.of.cell.shape

FDR: 4.058e-02  
Coefficient: 2.87e-04  
Value: 56

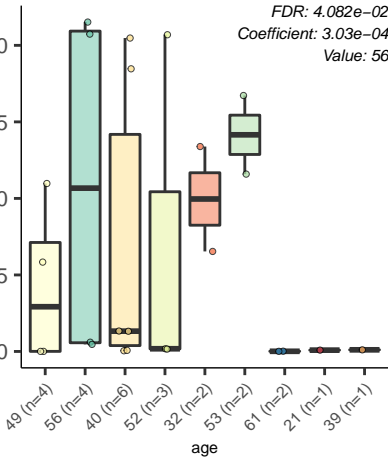






GO.0044038.cell.wall.macromolecule.biosynthetic.process

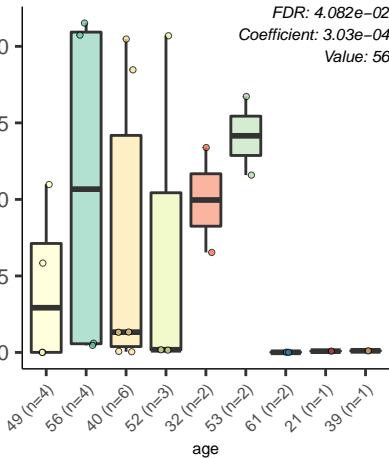
FDR:  $4.082e-02$   
Coefficient:  $3.03e-04$   
Value: 56



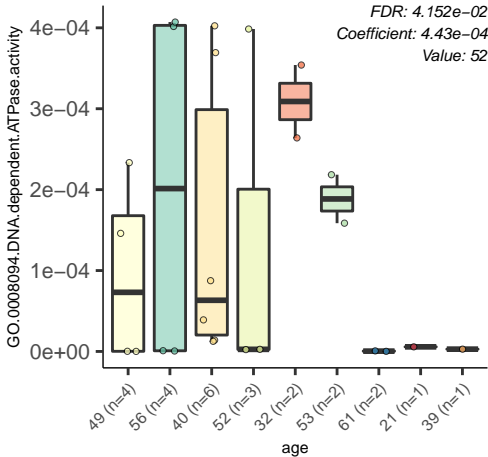


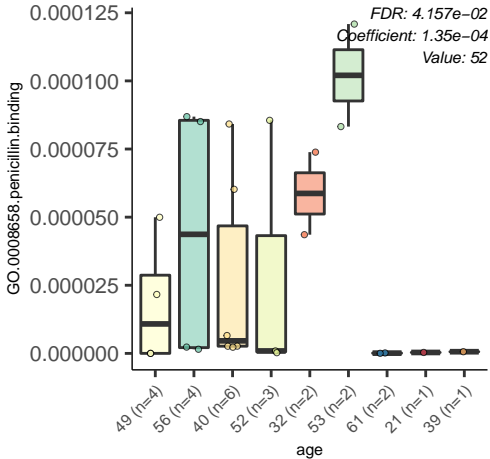
GO.0070589.cellular.component.macromolecule.biosynthetic.p

FDR:  $4.082e-02$   
Coefficient:  $3.03e-04$   
Value: 56

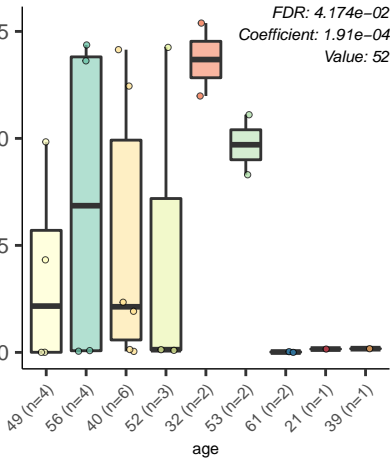


FDR: 4.152e-02  
Coefficient: 4.43e-04  
Value: 52



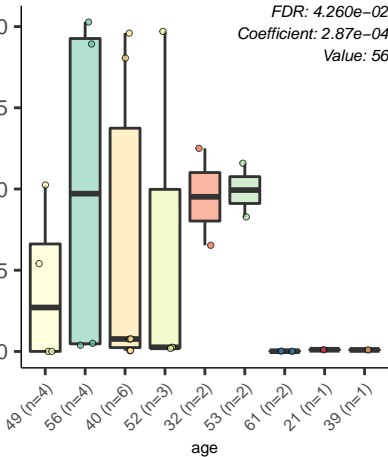


GO.0044265.cellular.macromolecule.catabolic.process

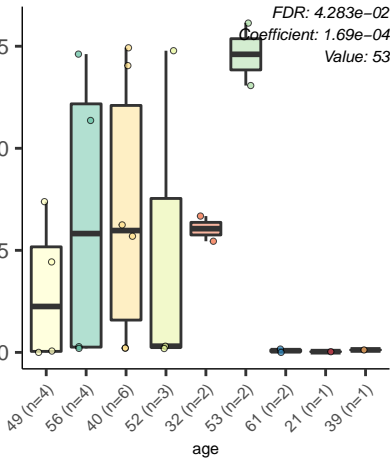


GO.0022603.regulation.of.anatomical.structure.morphogen

FDR: 4.260e-02  
Coefficient: 2.87e-04  
Value: 56



GO.0008649.rRNA.methyltransferase.activity



GO.0140102.catalytic.activity..acting.on.a.rRNA

0.00015  
0.00010  
0.00005  
0.00000

49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

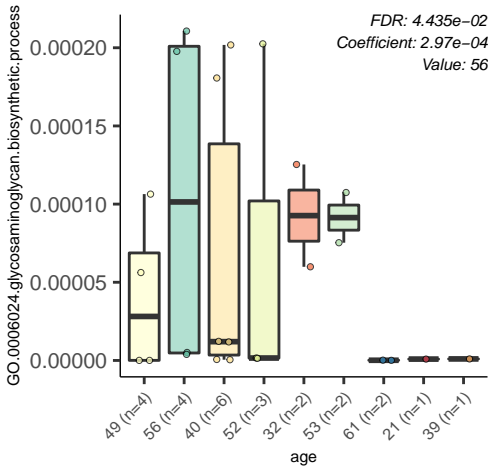
age

FDR: 4.283e-02

Coefficient: 1.69e-04

Value: 53

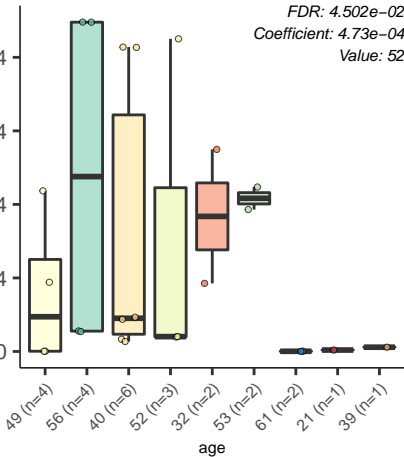
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)





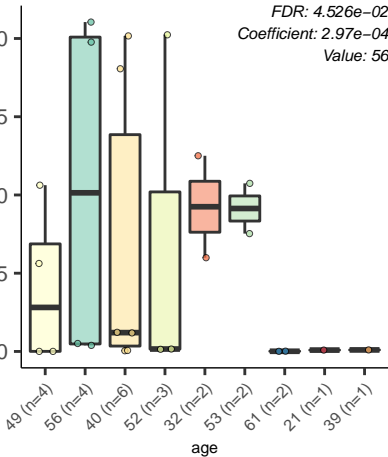
GO.0008238.exopeptidase.activity

FDR: 4.502e-02  
Coefficient: 4.73e-04  
Value: 52

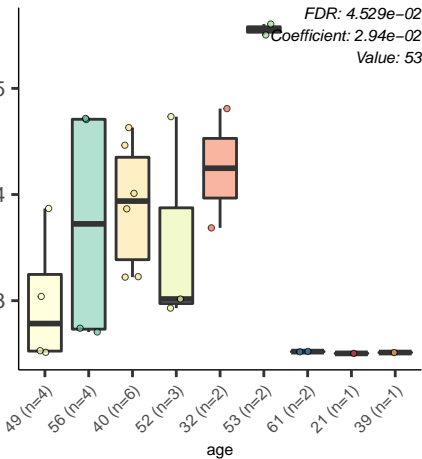


GO.0009252.peptidoglycan.biosynthetic.process

FDR: 4.526e-02  
Coefficient: 2.97e-04  
Value: 56



GO.0003824.catalytic.activity



GO.0005488.binding

0.025

0.020

0.015

0.010

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

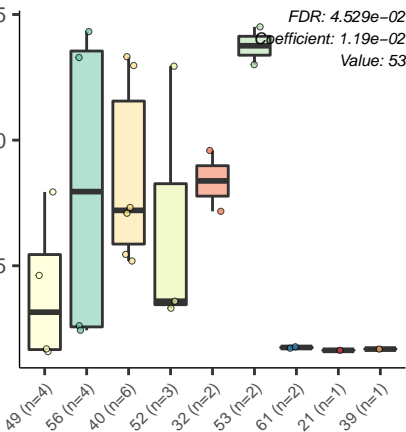
39 (n=1)

age

FDR: 4.529e-02

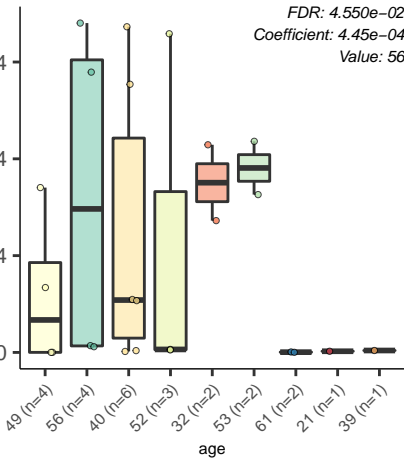
Coefficient: 1.19e-02

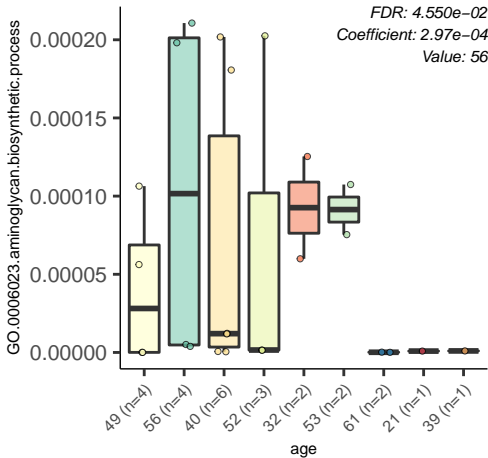
Value: 53



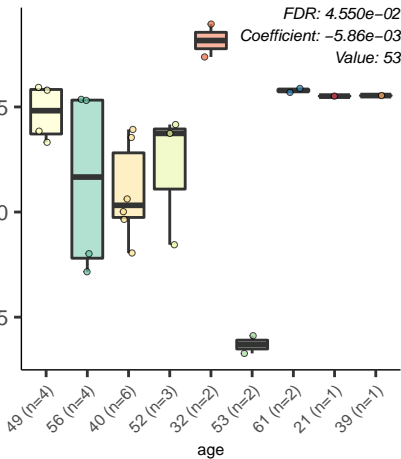
GO.0006022.aminoglycan.metabolic.process

FDR: 4.550e-02  
Coefficient: 4.45e-04  
Value: 56



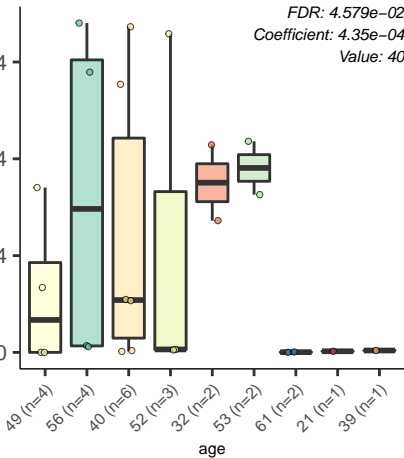


GO.0140096.catalytic.activity..acting.on.a.protein



GO.0006022.aminoglycan.metabolic.process

FDR: 4.579e-02  
Coefficient: 4.35e-04  
Value: 40





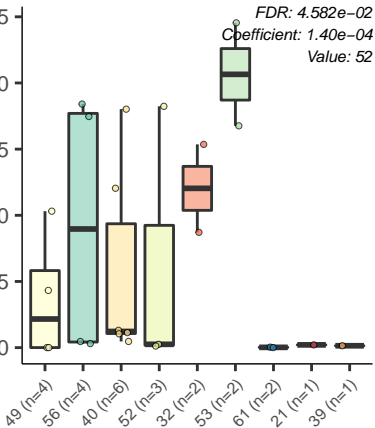
GO.0008144.drug.binding

0.000125  
0.000100  
0.000075  
0.000050  
0.000025  
0.000000

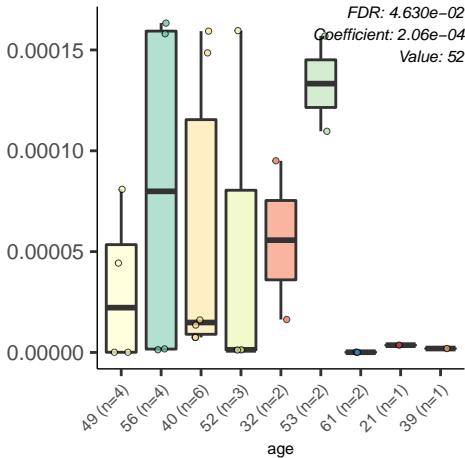
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

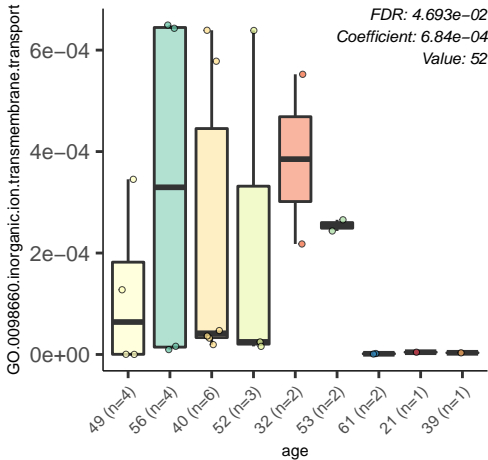
age

FDR: 4.582e-02  
Coefficient: 1.40e-04  
Value: 52



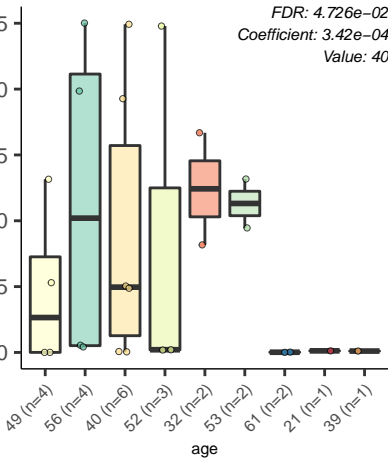
GO.0016407.acetyltransferase.activity





GO.0071555.cell.wall.organization

FDR: 4.726e-02  
Coefficient: 3.42e-04  
Value: 40



GO.0006364.rRNA.processing

3e-04

2e-04

1e-04

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

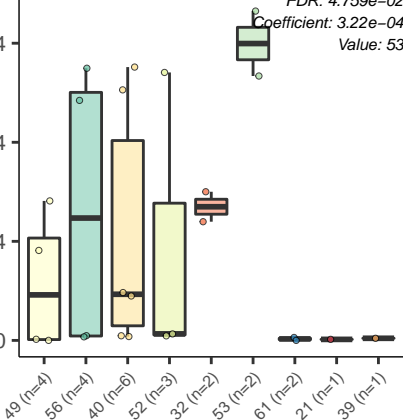
39 (n=1)

age

FDR: 4.759e-02

Coefficient: 3.22e-04

Value: 53





GO.0006364.rRNA.processing

3e-04

2e-04

1e-04

0e+00

49 (n=4)

56 (n=4)

40 (n=6)

52 (n=3)

32 (n=2)

53 (n=2)

61 (n=2)

21 (n=1)

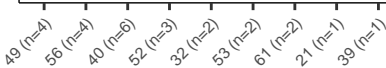
39 (n=1)

age

FDR: 4.937e-02

Coefficient: 3.19e-04

Value: 52

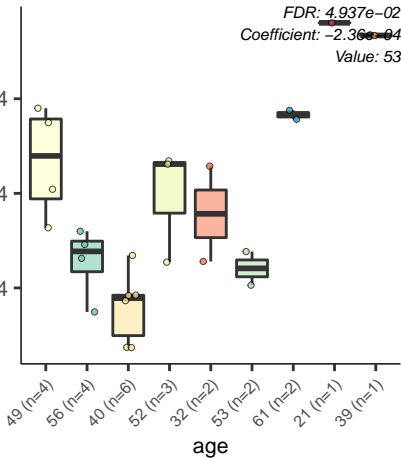


GO.0009405.pathogenesis

FDR:  $4.937e-02$

Coefficient:  $-2.36e-04$

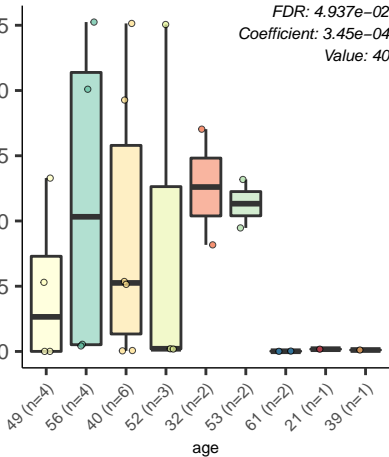
Value: 53





GO.0071554.cell.wall.organization.or.biogenesis

FDR: 4.937e-02  
Coefficient: 3.45e-04  
Value: 40



GO.0003676.nucleic.acid.binding

0.011  
0.009  
0.007  
0.005  
0.003

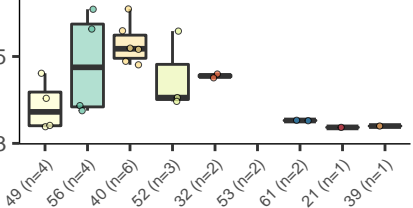
49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

age

FDR: 5.004e-02

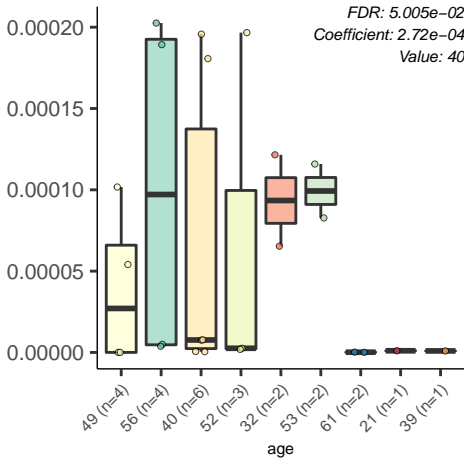
Coefficient: 3.09e-03

Value: 40



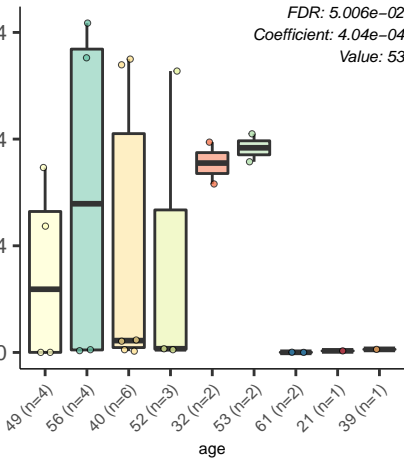
GO.0008360.regulation.of.cell.shape

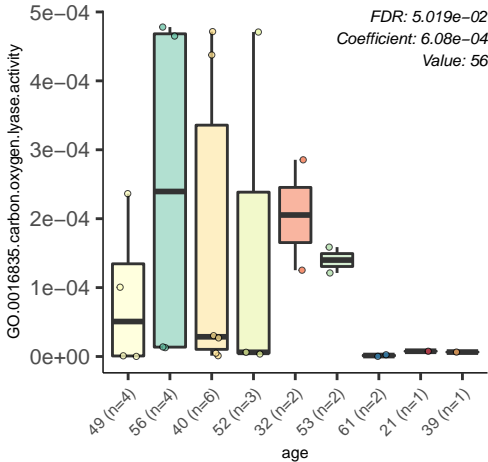
FDR:  $5.005e-02$   
Coefficient:  $2.72e-04$   
Value: 40

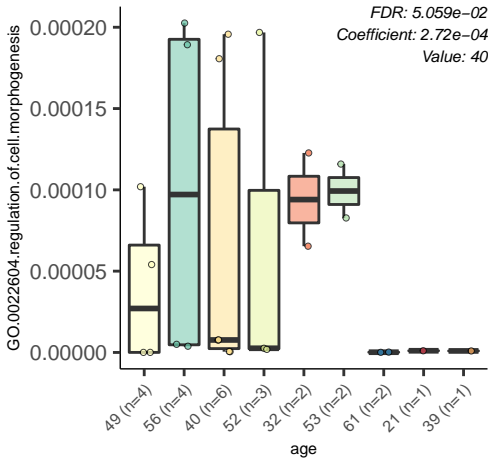


GO.0072522.purine.containing.compound.biosynthetic.pro

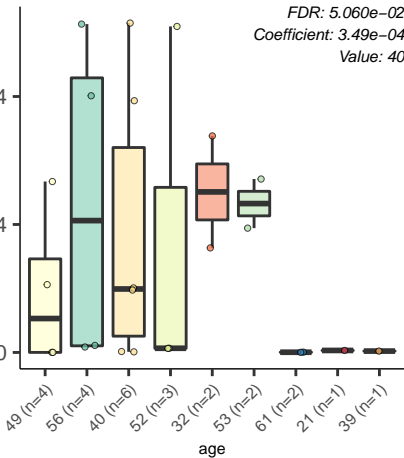
FDR: 5.006e-02  
Coefficient: 4.04e-04  
Value: 53





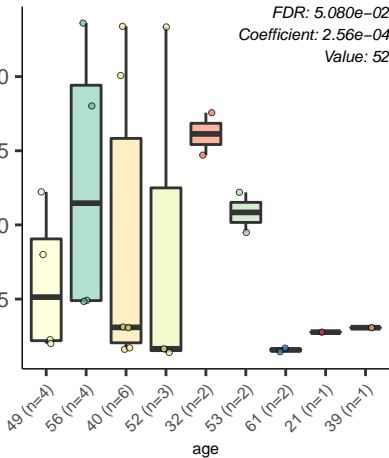


FDR: 5.060e-02  
Coefficient: 3.49e-04  
Value: 40



*FDR: 5.080e-02*  
*Coefficient: 2.56e-04*  
*Value: 52*

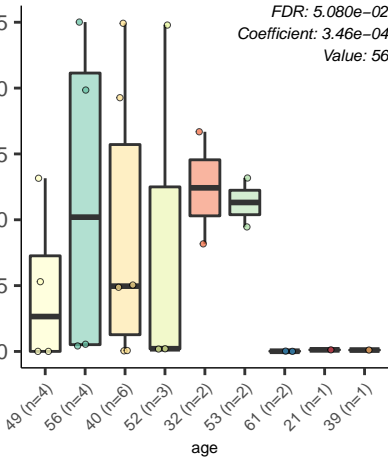
GO.0015267.channel.activity



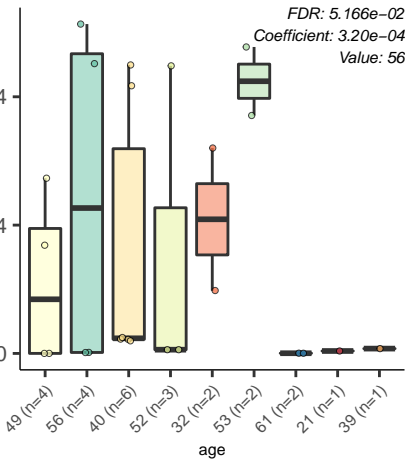


GO.0071555.cell.wall.organization

FDR: 5.080e-02  
Coefficient: 3.46e-04  
Value: 56

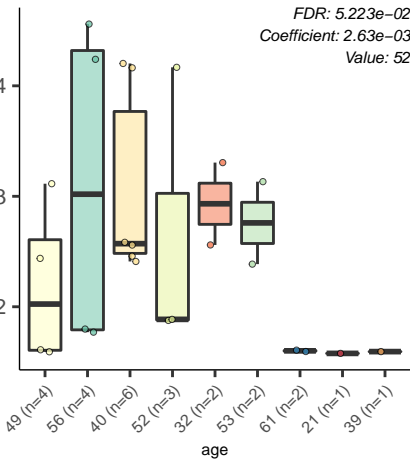


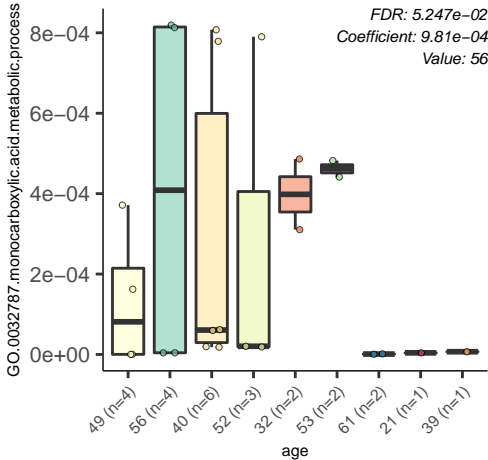
GO.1901657.glycosyl.compound.metabolic.process



GO.0032553.ribonucleotide.binding

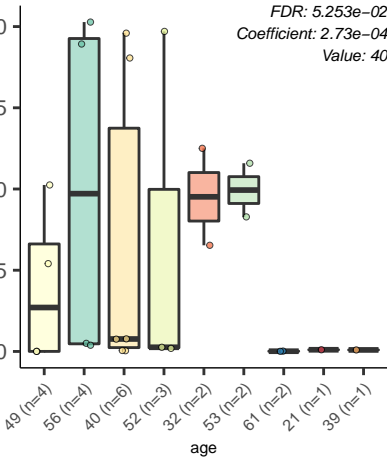
FDR: 5.223e-02  
Coefficient: 2.63e-03  
Value: 52





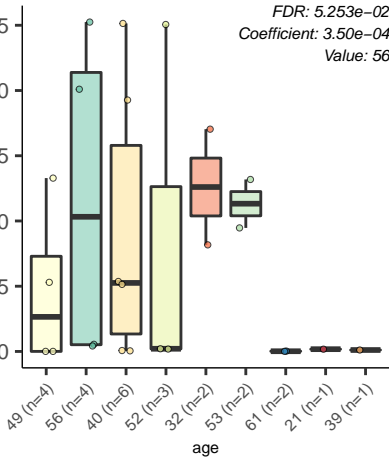
GO.0022603.regulation.of.anatomical.structure.morphogen

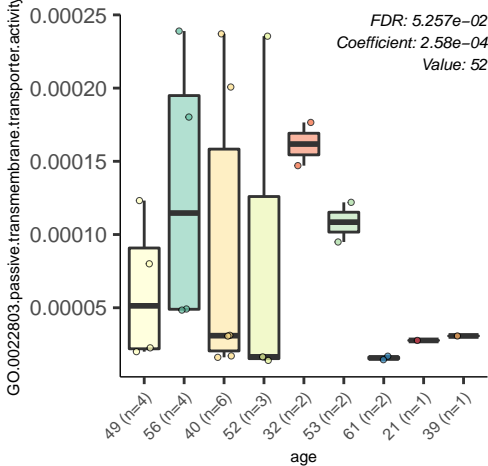
FDR: 5.253e-02  
Coefficient: 2.73e-04  
Value: 40



GO.0071554.cell.wall.organization.or.biogenesis

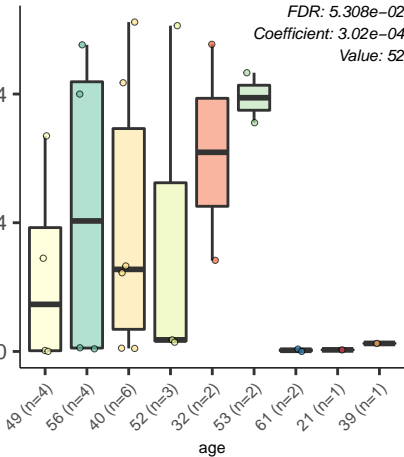
FDR: 5.253e-02  
Coefficient: 3.50e-04  
Value: 56





GO.0008173.RNA.methyltransferase.activity

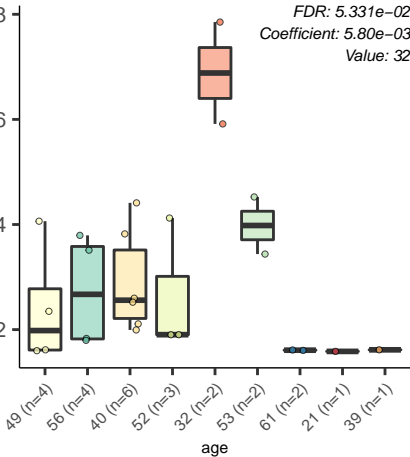
FDR: 5.308e-02  
Coefficient: 3.02e-04  
Value: 52





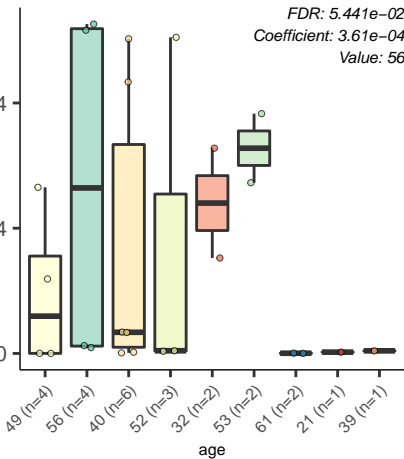
GO.0019538.protein.metalloproteinase

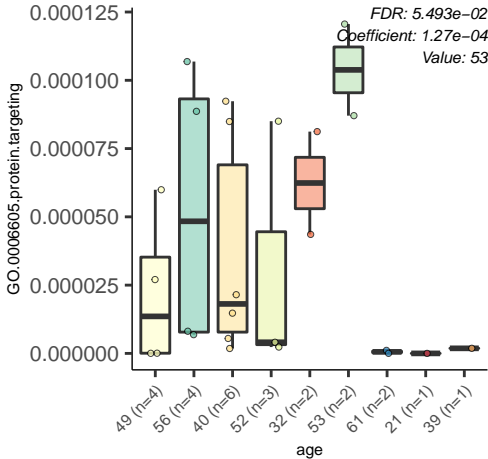
FDR: 5.331e-02  
Coefficient: 5.80e-03  
Value: 32



GO.0044036.cell.wall.macromolecule.metabolic.process

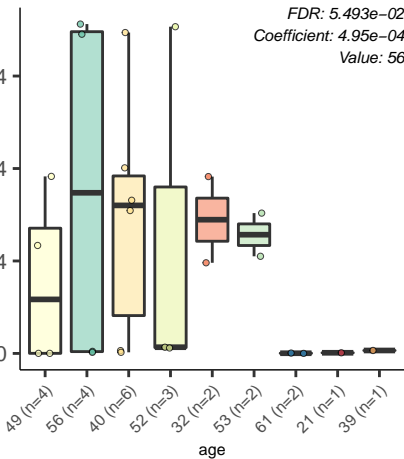
FDR:  $5.441\text{e-}02$   
Coefficient:  $3.61\text{e-}04$   
Value: 56



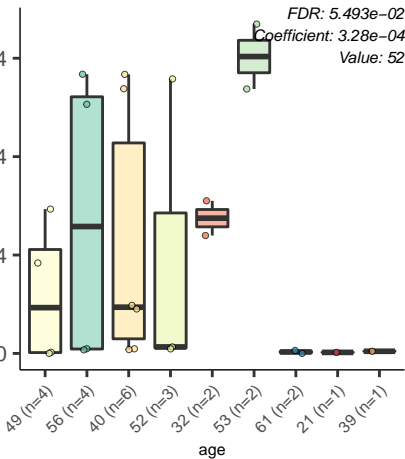


GO.0009067.aspartate.family.amino.acid.biosynthetic.pro

FDR:  $5.493e-02$   
Coefficient:  $4.95e-04$   
Value: 56

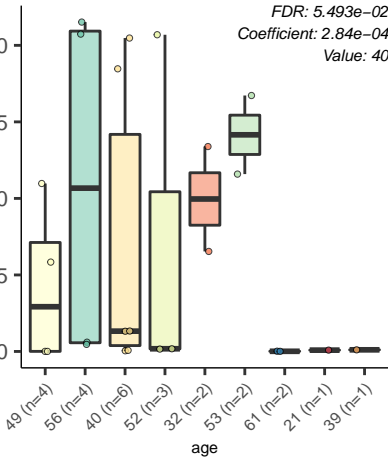


GO.0016072.rRNA.metabolic.process

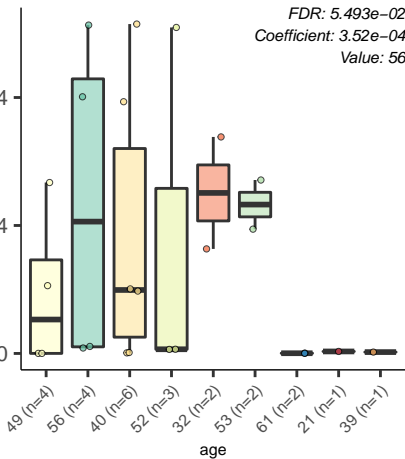


GO.0044038.cell.wall.macromolecule.biosynthetic.proces

FDR: 5.493e-02  
Coefficient: 2.84e-04  
Value: 40

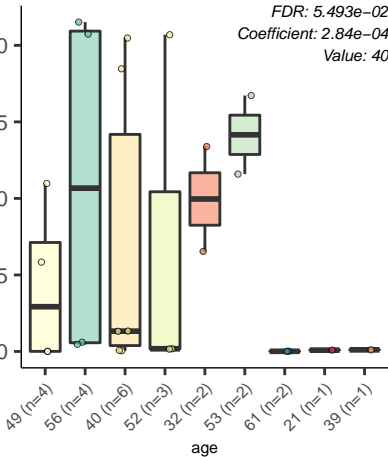


FDR:  $5.493e-02$   
Coefficient:  $3.52e-04$   
Value: 56

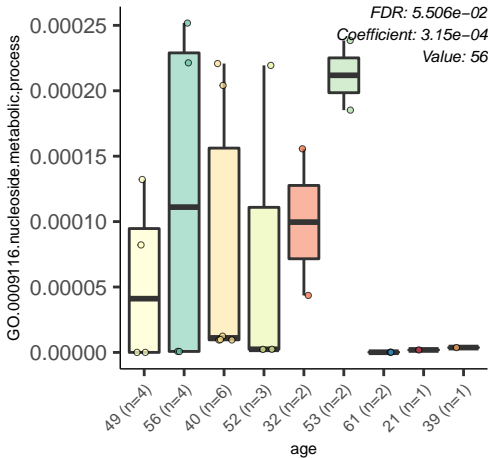


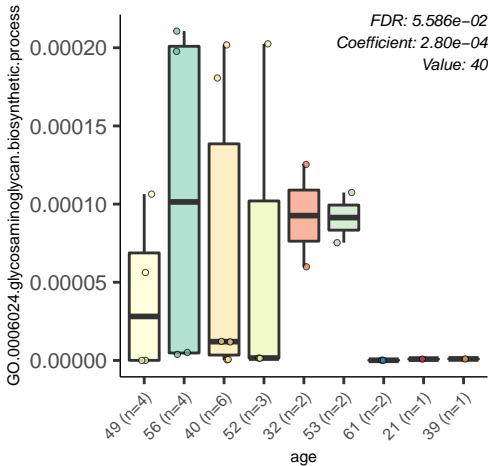
GO.0070589.cellular.component.macromolecule.biosynthetic.p

FDR:  $5.493e-02$   
Coefficient:  $2.84e-04$   
Value: 40



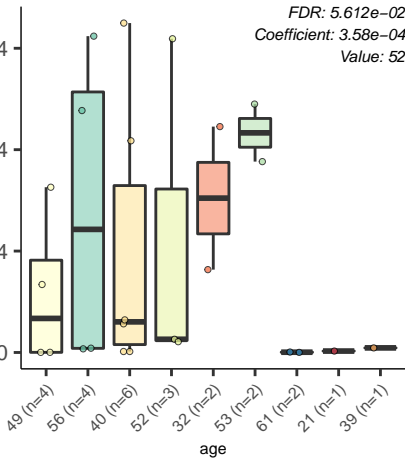






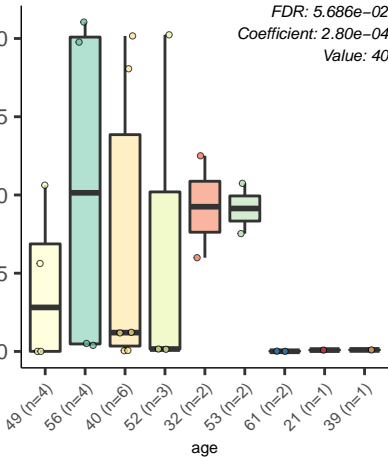
GO.0005996.monosaccharide.metalloprotein

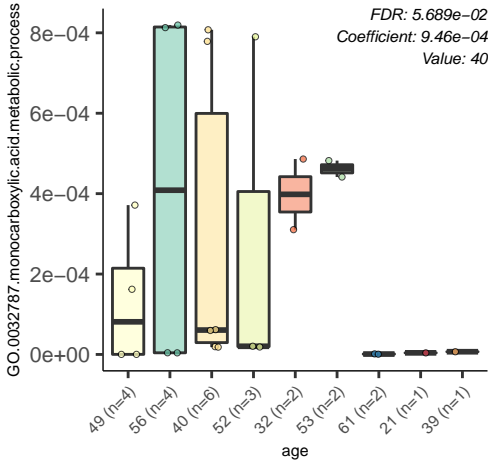
FDR: 5.612e-02  
Coefficient: 3.58e-04  
Value: 52

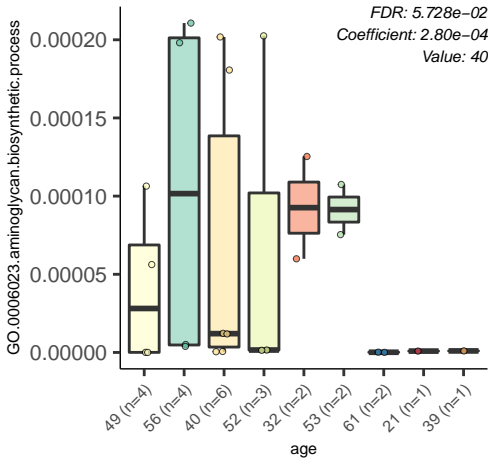


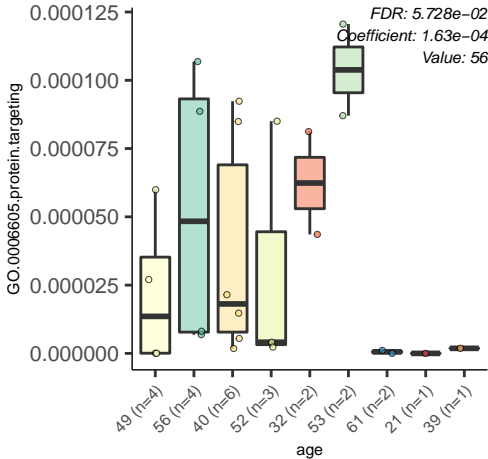
GO.0009252.peptidoglycan.biosynthetic.process

FDR: 5.686e-02  
Coefficient: 2.80e-04  
Value: 40

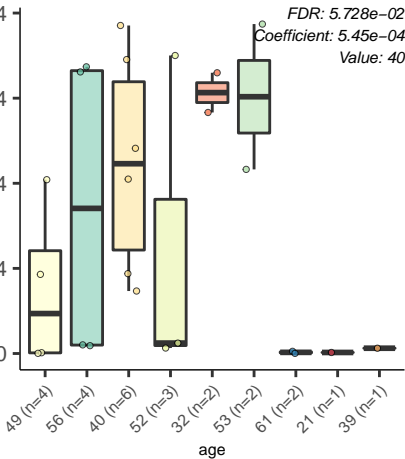






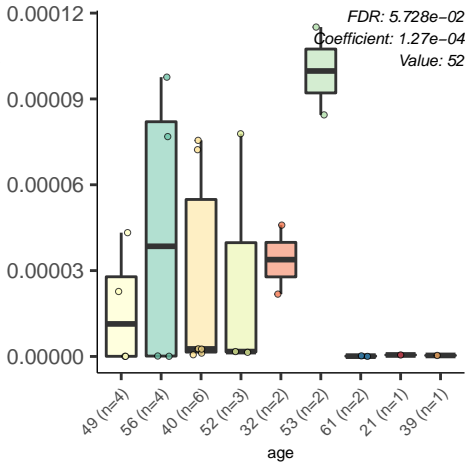


GO.0008757.S.adenosylmethionine.dependent.methyltransferas





GO.0016776.phosphotransferase.activity..phosphate.group.as.s



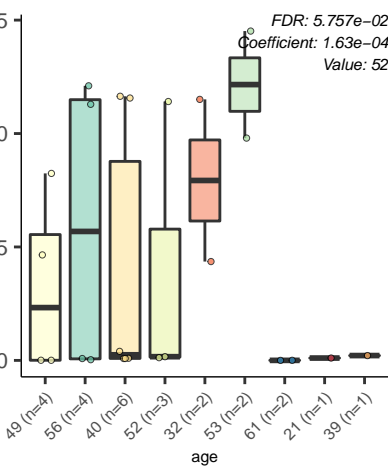
GO.0009144.purine.nucleoside.triphosphate.metabolic.pro

0.00015  
0.00010  
0.00005  
0.00000

49 (n=4)  
56 (n=4)  
40 (n=6)  
52 (n=3)  
32 (n=2)  
53 (n=2)  
61 (n=2)  
21 (n=1)  
39 (n=1)

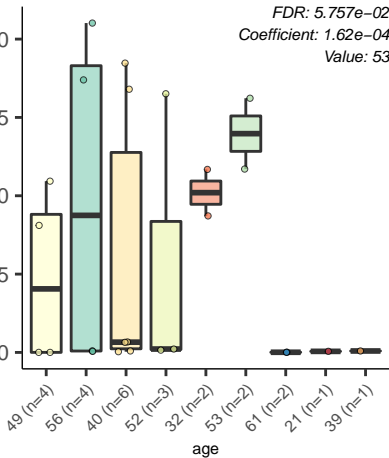
age

FDR: 5.757e-02  
Coefficient: 1.63e-04  
Value: 52

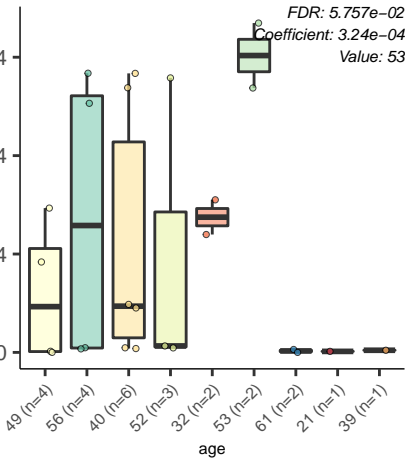


GO.0009167.purine.ribonucleoside.monophosphate.metabolic;

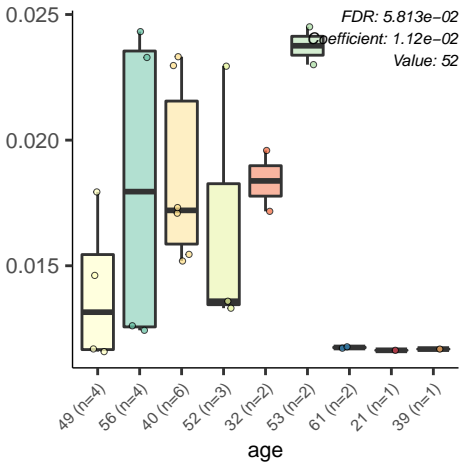
FDR: 5.757e-02  
Coefficient: 1.62e-04  
Value: 53



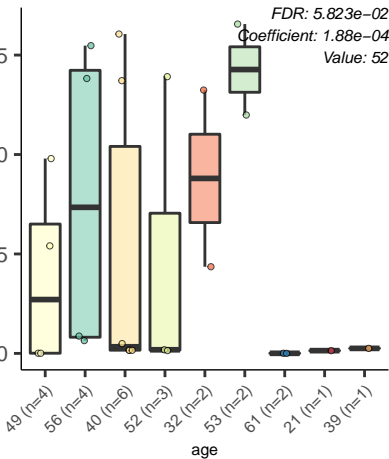
GO.0016072.rRNA.metabolic.process



GO.0005488.binding

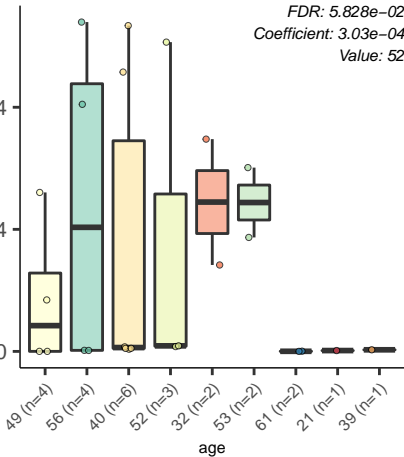


GO.0009199.ribonucleoside.triphosphate.metabolic.proce



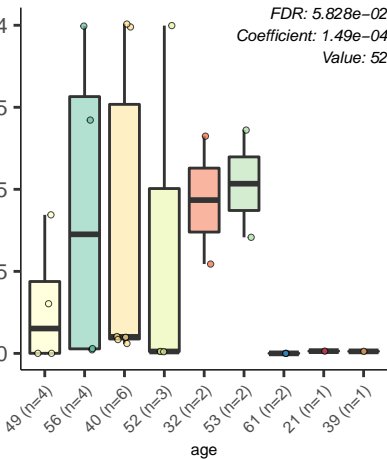
GO.0006644.phospholipid.metabolic.process

FDR: 5.828e-02  
Coefficient: 3.03e-04  
Value: 52



GO.0008134.transcription.factor.binding

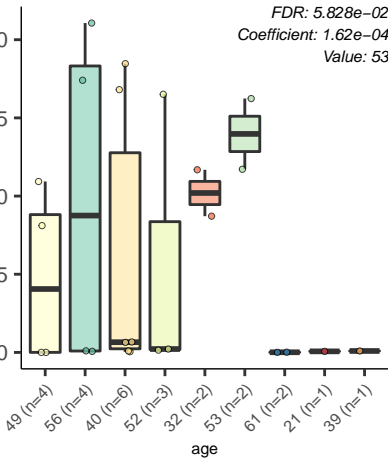
FDR: 5.828e-02  
Coefficient: 1.49e-04  
Value: 52



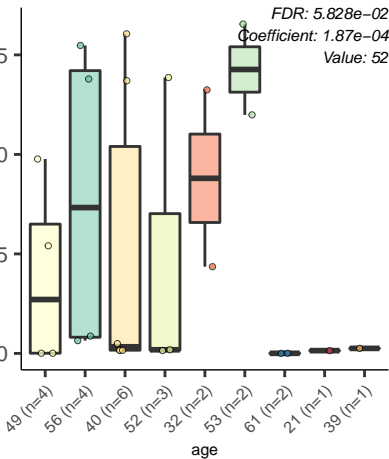


GO.0009126.purine.nucleoside.monophosphate.metabolic.pr

FDR:  $5.828e-02$   
Coefficient:  $1.62e-04$   
Value: 53

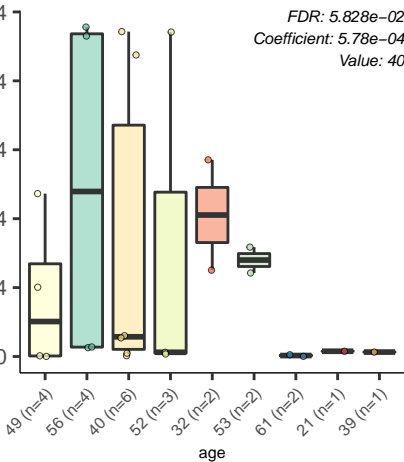


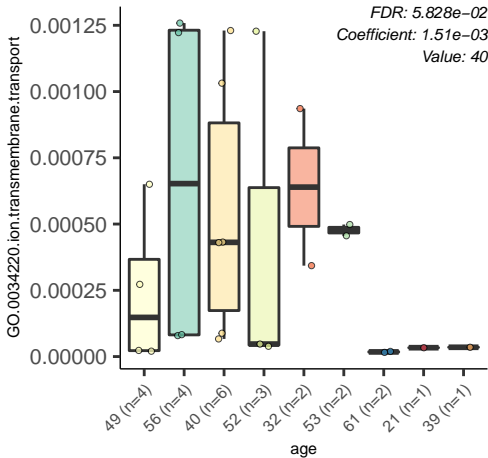
GO.0009201.ribonucleoside.triphosphate.biosynthetic.pro

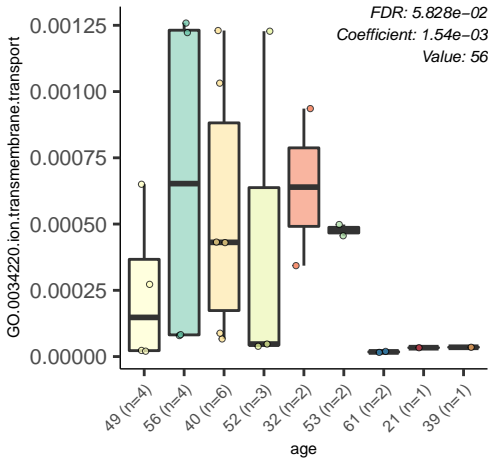


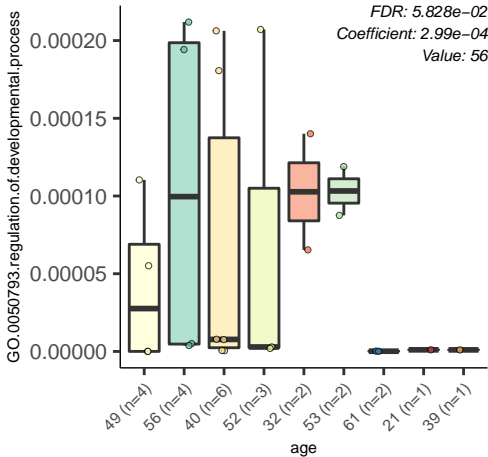
GO.0016835.carbon.oxygen.lyase.activity

FDR: 5.828e-02  
Coefficient: 5.78e-04  
Value: 40



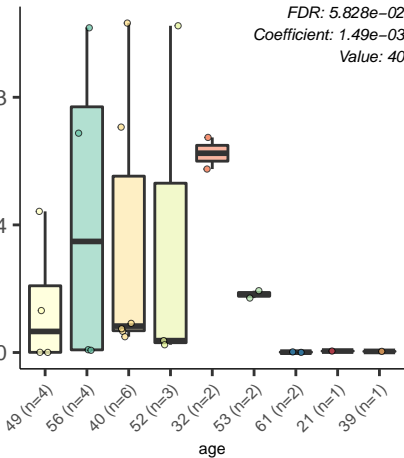






GO.0098772.molecular.function.regulator

FDR: 5.828e-02  
Coefficient: 1.49e-03  
Value: 40



phosphatase activity...active with either ribo. or deoxyribonucleic acids and

