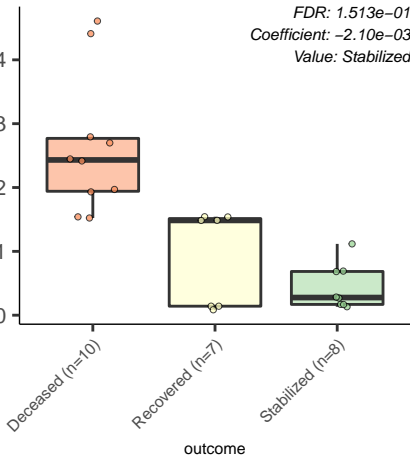
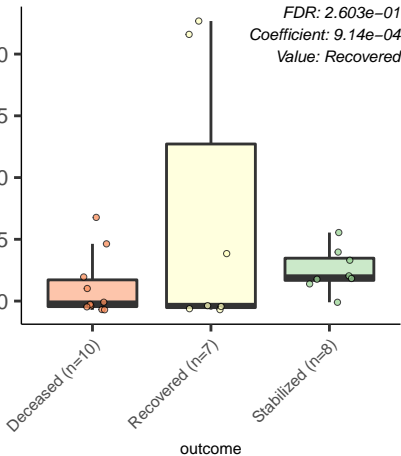


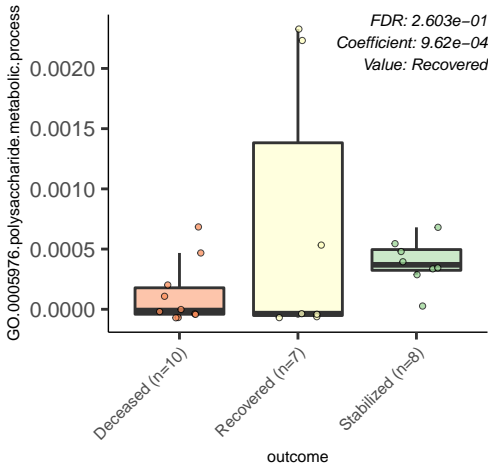
GO.0090501.RNA.phosphodiester.bond.hydrolysis

FDR: 1.513e-01  
Coefficient: -2.10e-03  
Value: Stabilized

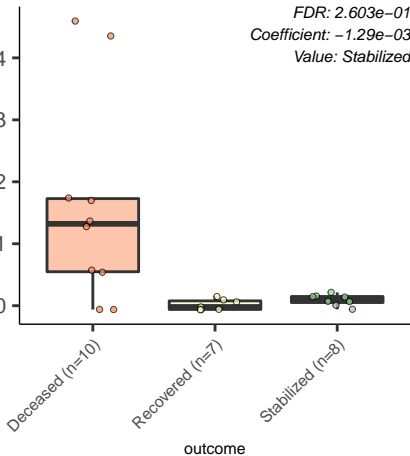


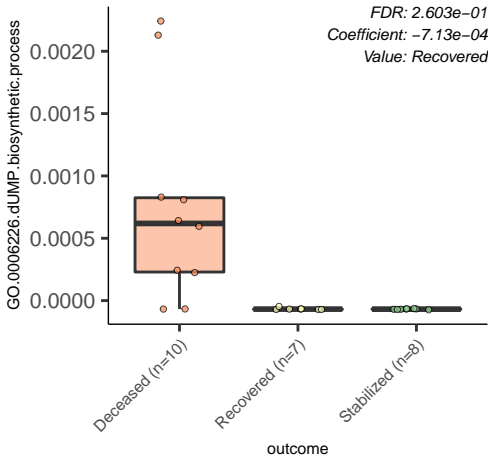
GO.0000271.polysaccharide.biosynthetic.process

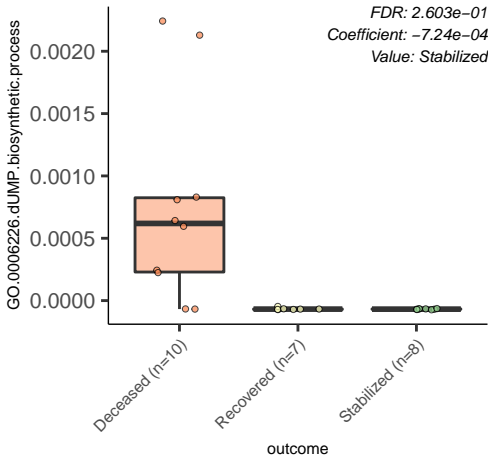




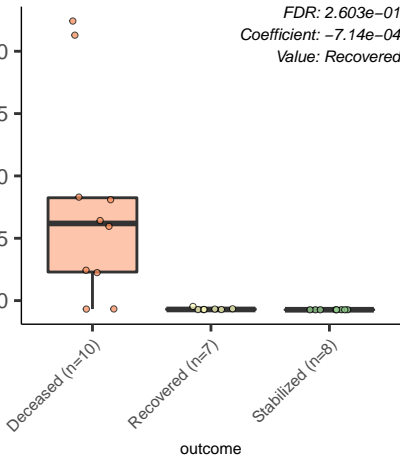
GO.0006220.pyrimidine.nucleotide.metabolic.proce



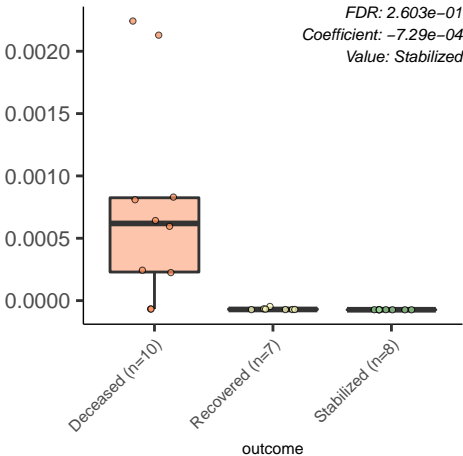




GO.0006244.pyrimidine.nucleotide.catabolic.proces

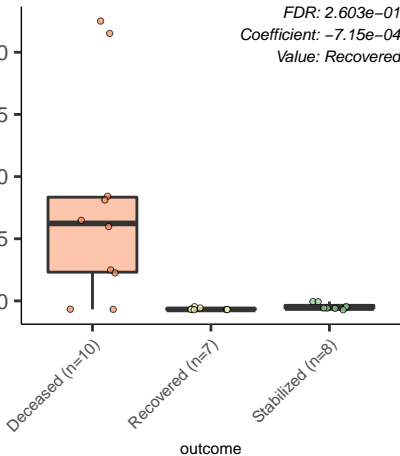


GO:0006244.pyrimidine.nucleotide.catabolic.process

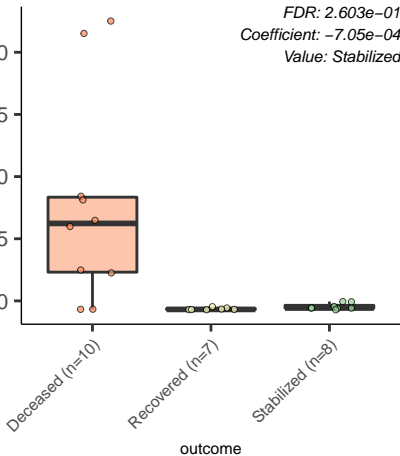




GO.0006278.RNA.dependent.DNA.biosynthetic.proc



GO.0006278.RNA.dependent.DNA.biosynthetic.proc



GO.0006281.DNA.repair

*FDR: 2.603e-01*  
*Coefficient: 2.13e-03*  
*Value: Recovered*

0.004

0.002

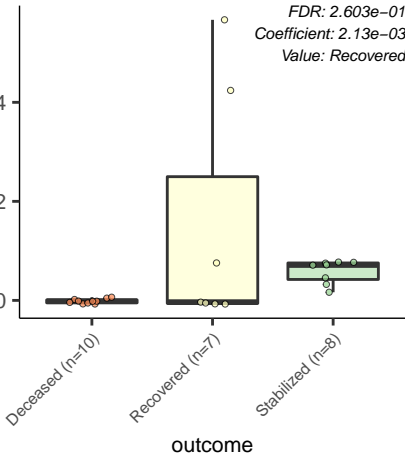
0.000

Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

outcome



GO.0006412.translation

*FDR: 2.603e-01*  
*Coefficient: 1.02e-03*  
*Value: Recovered*

0.002

0.001

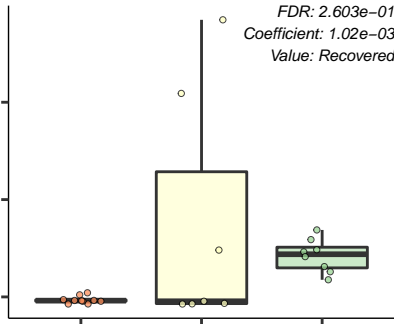
0.000

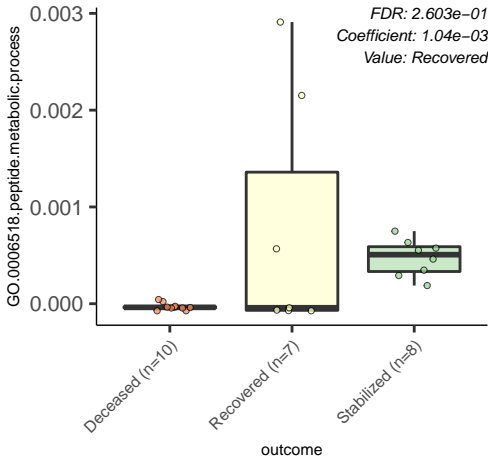
Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

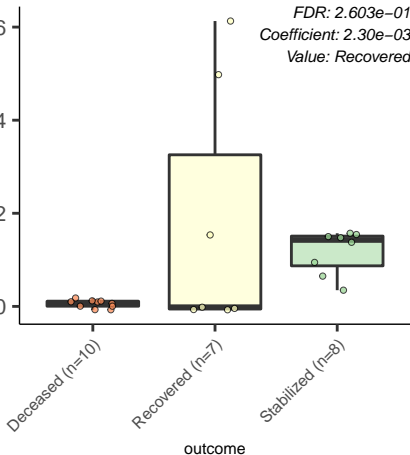
outcome

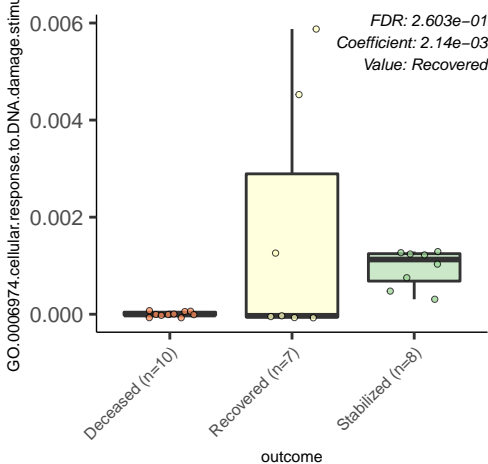


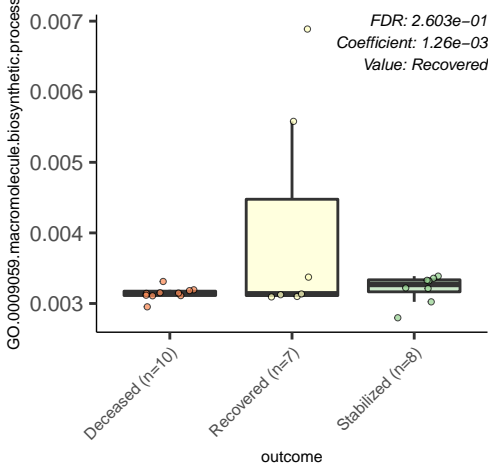


GO.0006950.response.to.stress

*FDR: 2.603e-01*  
*Coefficient: 2.30e-03*  
*Value: Recovered*

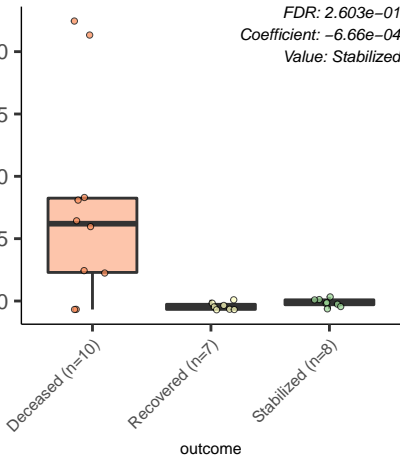




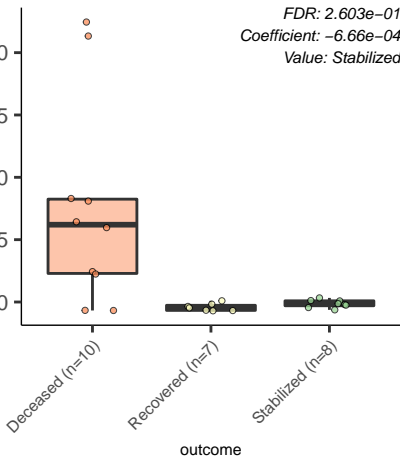




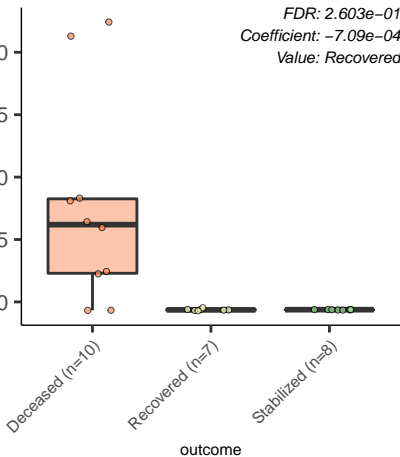
GO.0009129.pyrimidine.nucleoside.monophosphate.metabo



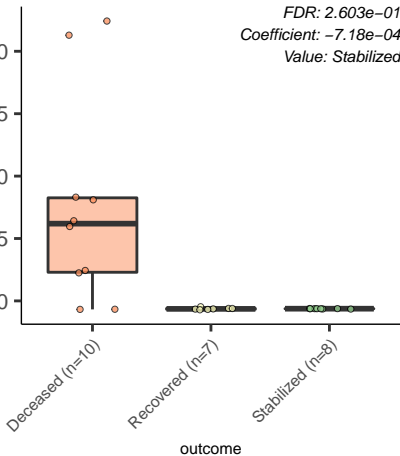
GO.0009130.pyrimidine.nucleoside.monophosphate.biosynth



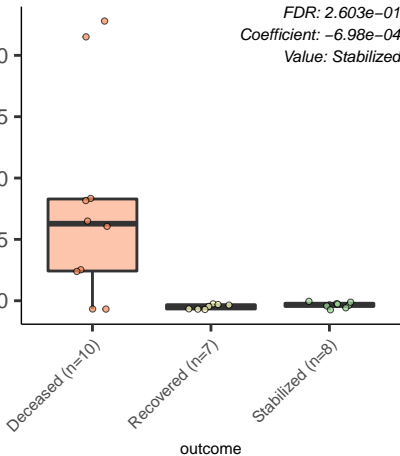
GO.0009143.nucleoside.triphosphate.catabolic.proc



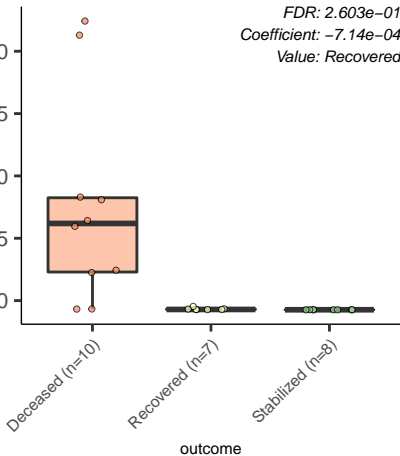
GO.0009143.nucleoside.triphosphate.catabolic.proc



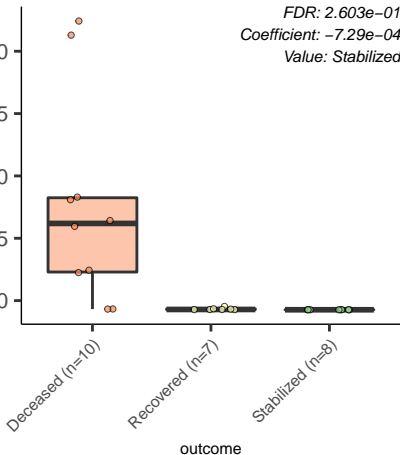
GO.0009147.pyrimidine.nucleoside.triphosphate.metabolic



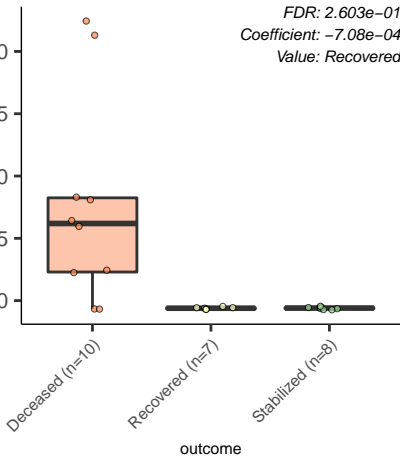
GO.0009149.pyrimidine.nucleoside.triphosphate.catabolic



GO.0009149.pyrimidine.nucleoside.triphosphate.catabolic

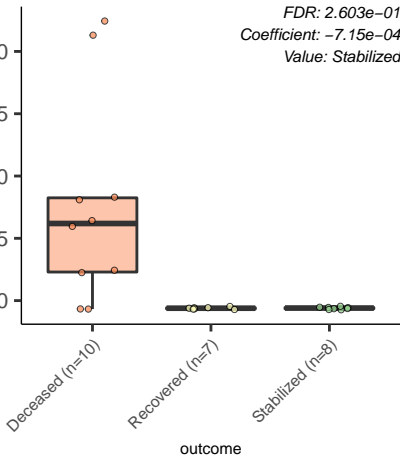


GO.0009157.deoxyribonucleoside.monophosphate.biosynthe



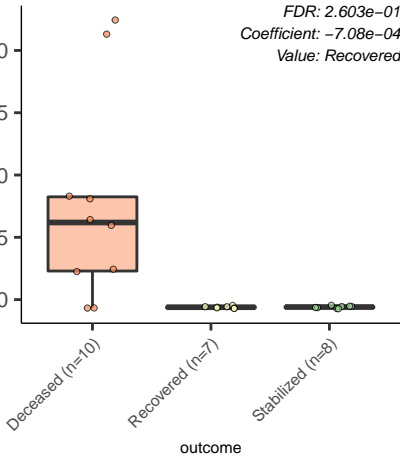


GO.0009157.deoxyribonucleoside.monophosphate.biosynthe

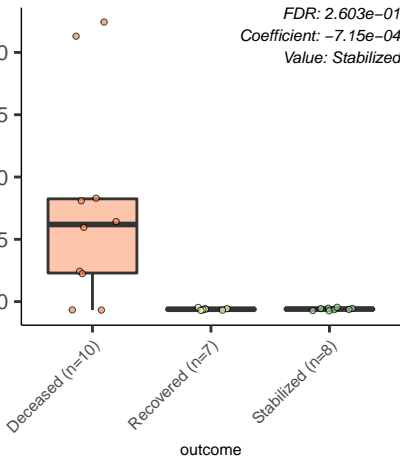


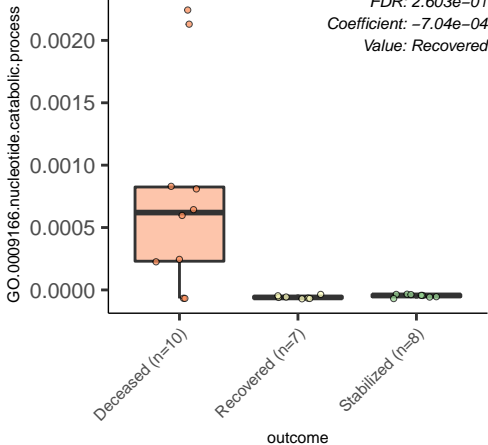
GO.0009162.deoxyribonucleoside.monophosphate.metabol

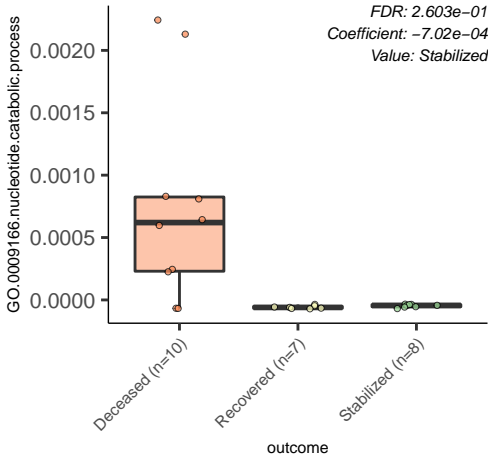
FDR: 2.603e-01  
Coefficient: -7.08e-04  
Value: Recovered



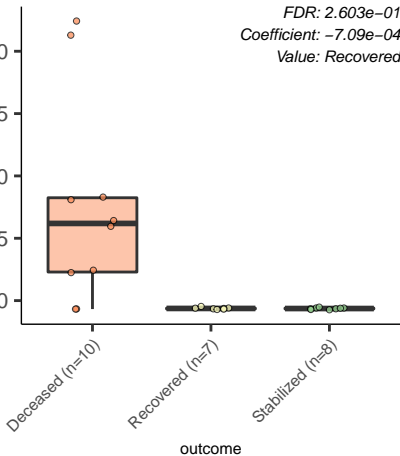
GO.0009162.deoxyribonucleoside.monophosphate.metabo



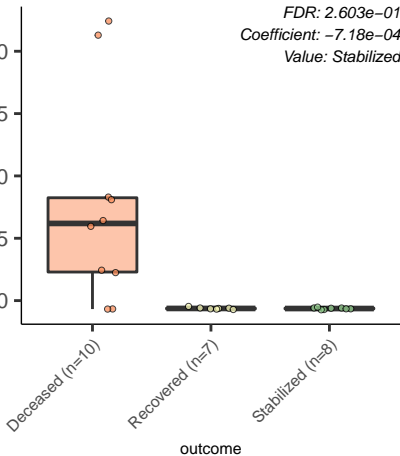




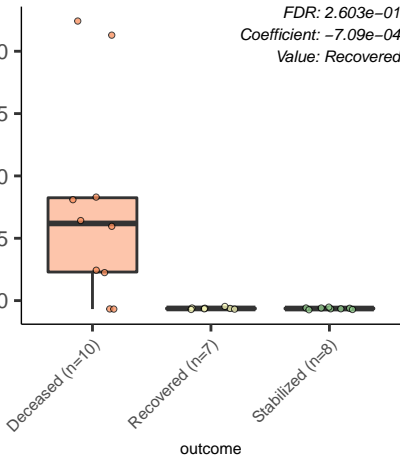
GO.0009176.pyrimidine.deoxyribonucleoside.monophosphate.m



GO.0009176.pyrimidine.deoxyribonucleoside.monophosphate.m

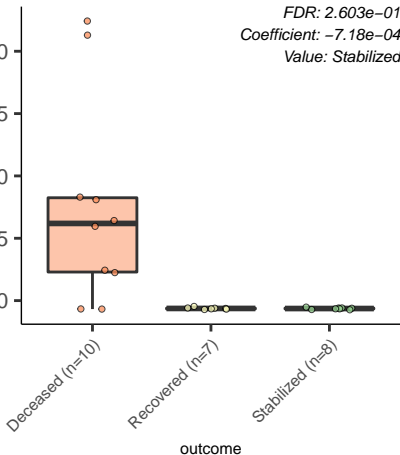


GO.0009177.pyrimidine.deoxyribonucleoside.monophosphate.bios

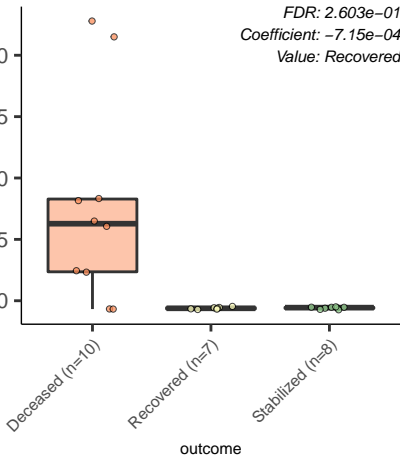




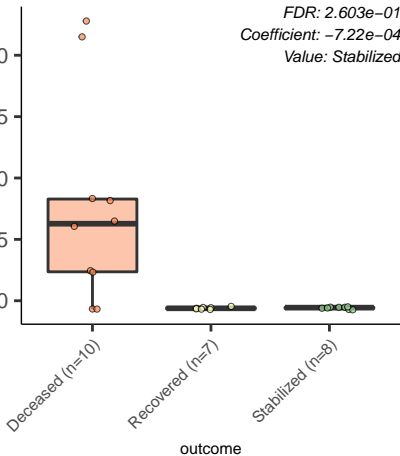
GO.0009177.pyrimidine.deoxyribonucleoside.monophosphate.bios

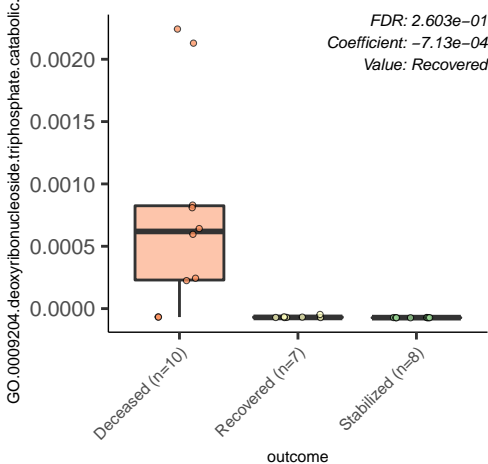


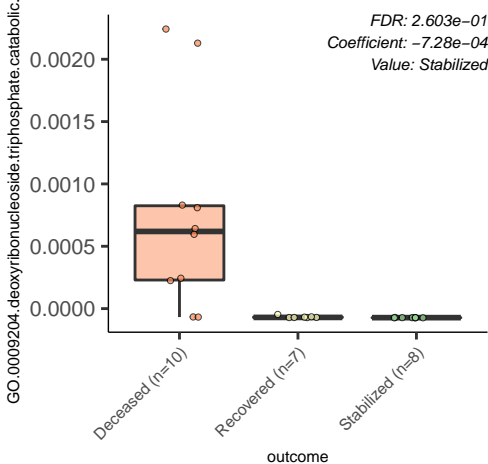
GO.0009200.deoxyribonucleoside.triphosphate.metabolic



GO.0009200.deoxyribonucleoside.triphosphate.metabolic

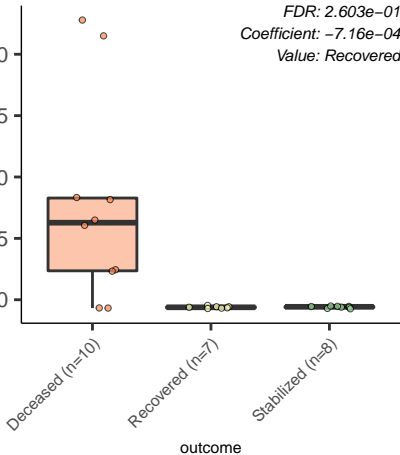




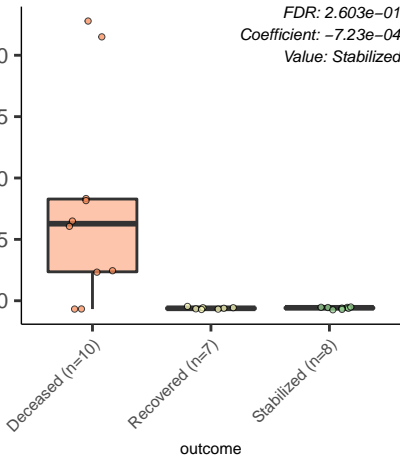


GO.0009211.pyrimidine.deoxyribonucleoside.triphosphate.metal

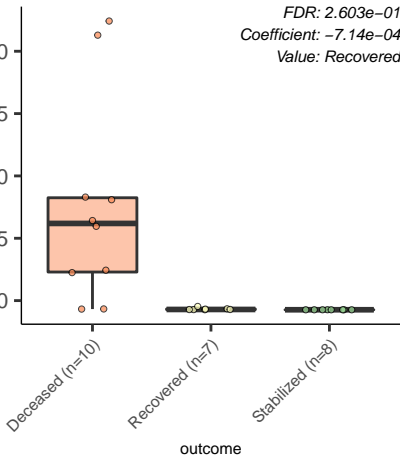
*FDR: 2.603e-01*  
*Coefficient: -7.16e-04*  
*Value: Recovered*



GO.0009211.pyrimidine.deoxyribonucleoside.triphosphate.meta

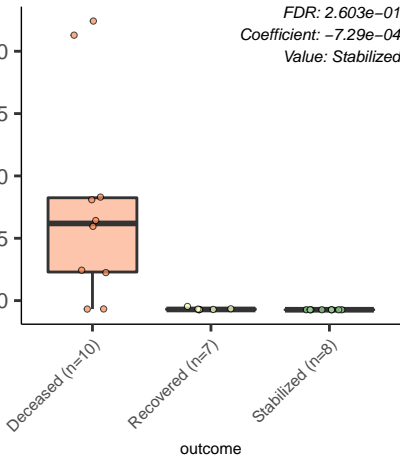


GO.0009213.pyrimidine.deoxyribonucleoside.triphosphate.cata

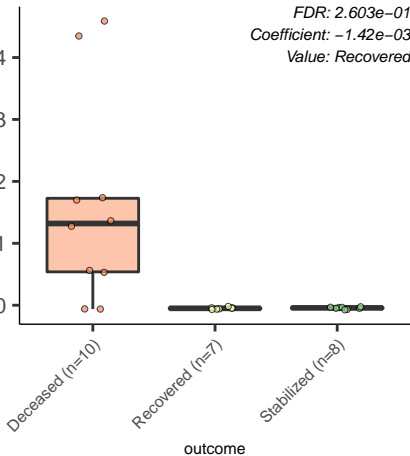




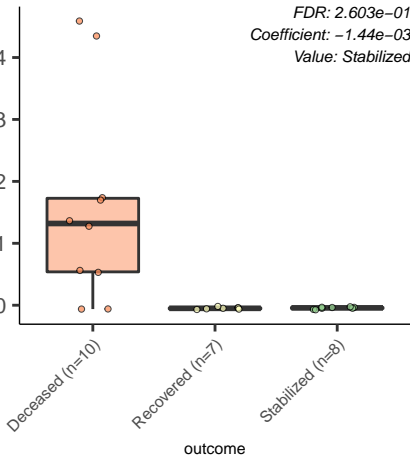
GO.0009213.pyrimidine.deoxyribonucleoside.triphosphate.cata



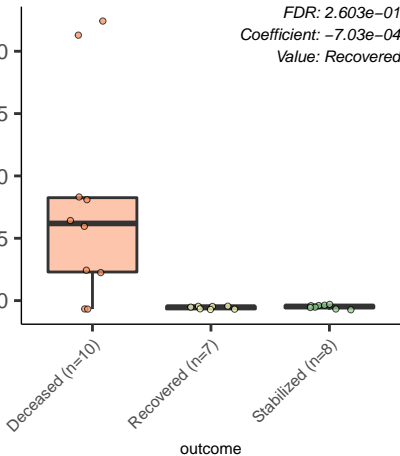
GO.0009219.pyrimidine.deoxyribonucleotide.metabolic.p



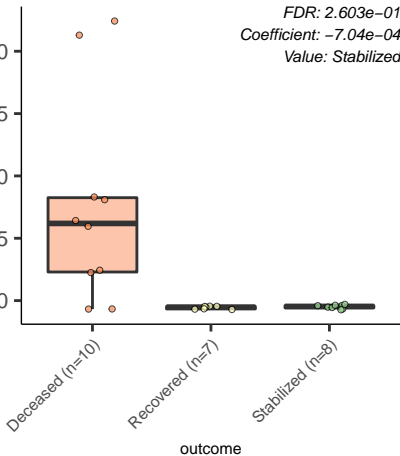
GO.0009219.pyrimidine.deoxyribonucleotide.metabolic.p



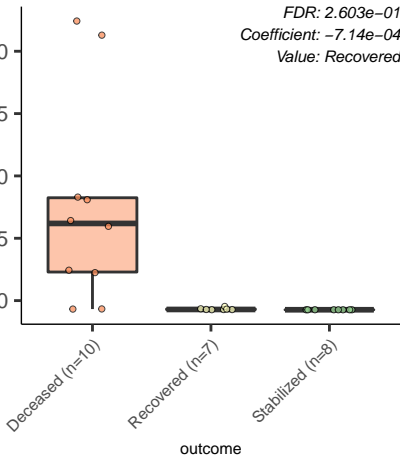
GO.0009221.pyrimidine.deoxyribonucleotide.biosynthetic



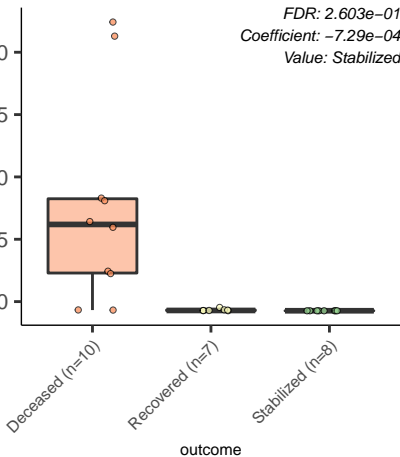
GO.0009221.pyrimidine.deoxyribonucleotide.biosynthetic



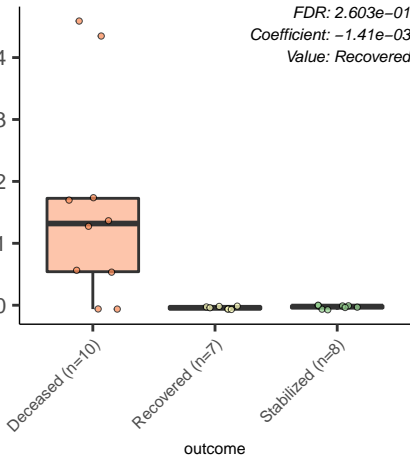
GO.0009223.pyrimidine.deoxyribonucleotide.catabolic.p



GO.0009223.pyrimidine.deoxyribonucleotide.catabolic.p

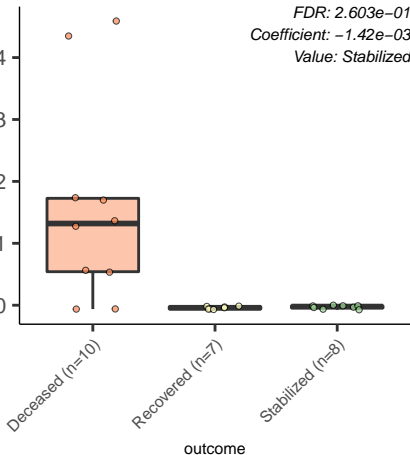


GO.0009262.deoxyribonucleotide.metabolic.process

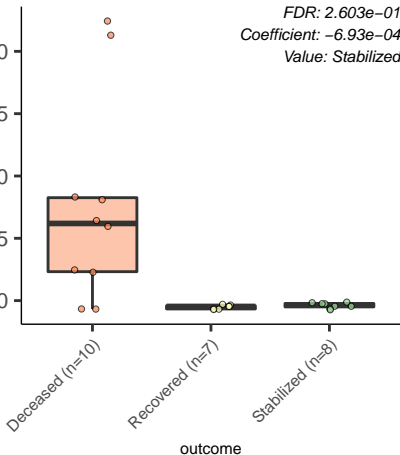




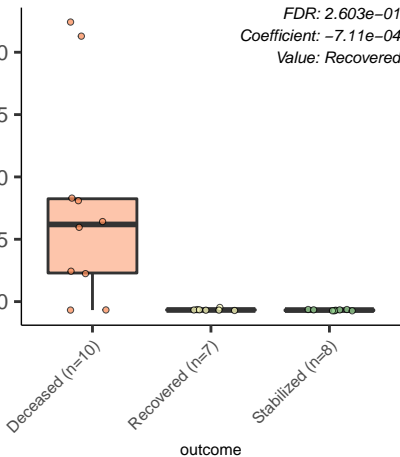
GO.0009262.deoxyribonucleotide.metabolic.process



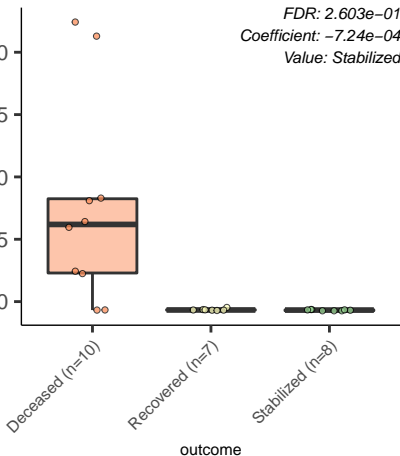
GO.0009263.deoxyribonucleotide.biosynthetic.proce



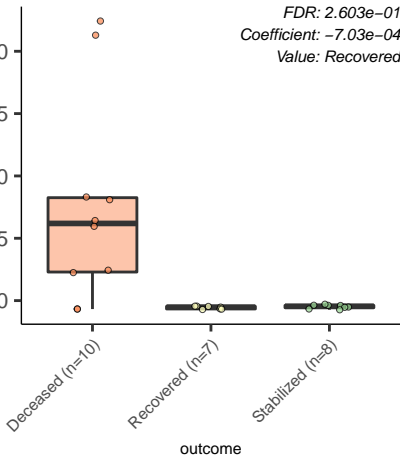
GO.0009264.deoxyribonucleotide.catabolic.proces



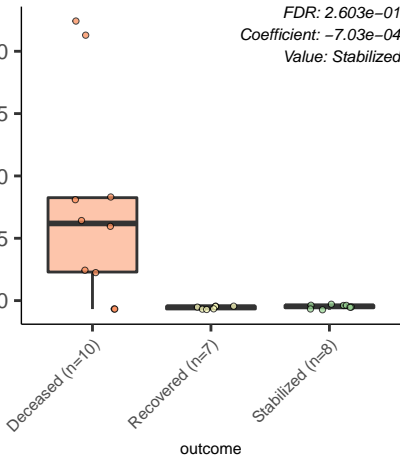
GO.0009264.deoxyribonucleotide.catabolic.proces



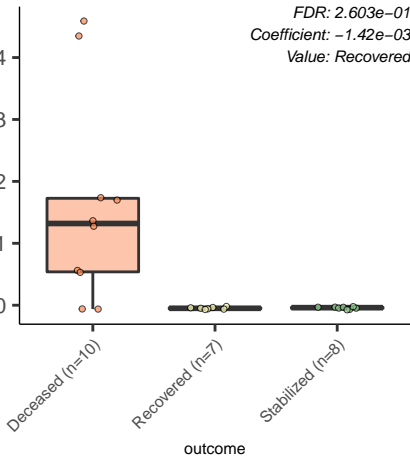
GO.0009265.2.deoxyribonucleotide.biosynthetic.pro



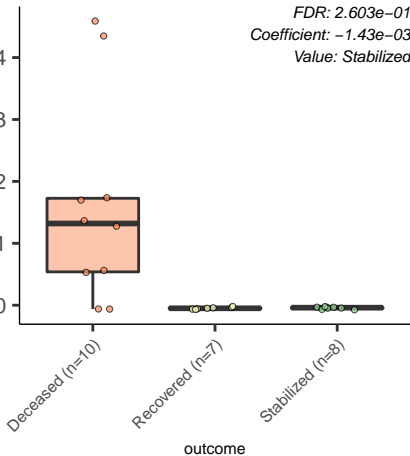
GO.0009265.2.deoxyribonucleotide.biosynthetic.pro



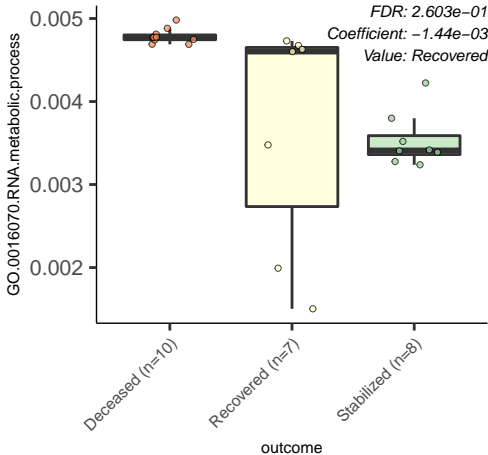
GO.0009394.2.deoxyribonucleotide.metalloprotease

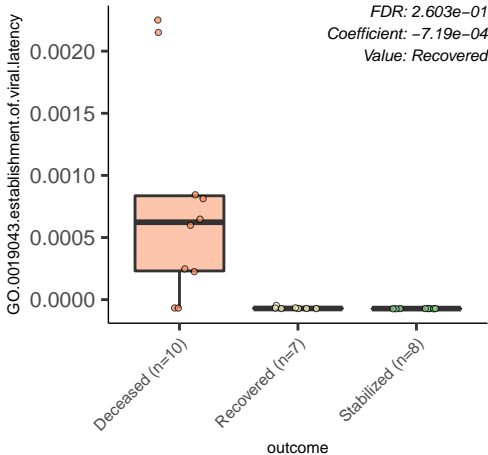


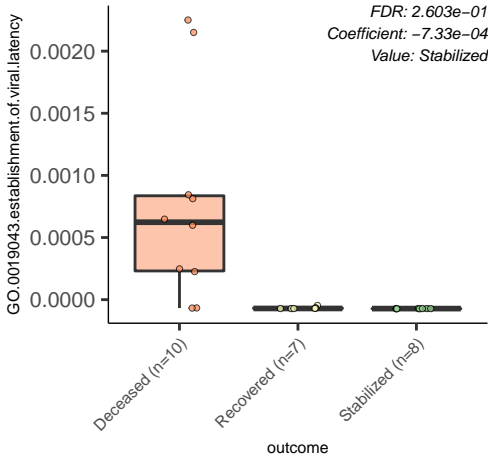
GO.0009394.2.deoxyribonucleotide.metalloprotease



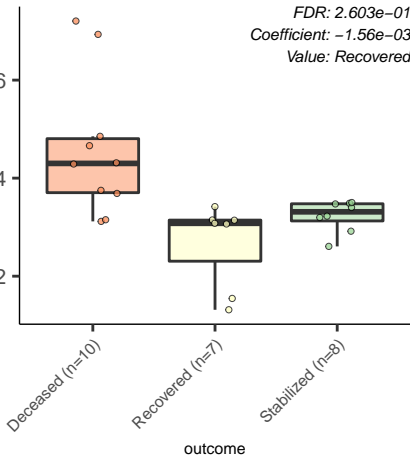




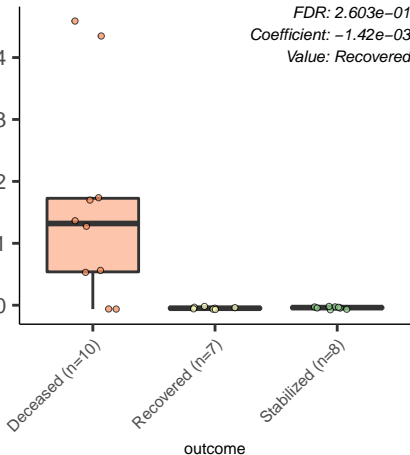




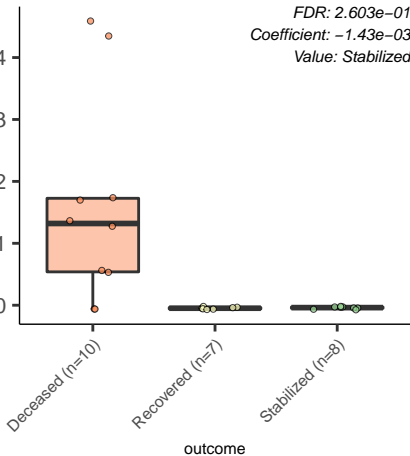
GO.0019438.aromatic.compound.biosynthetic.proce

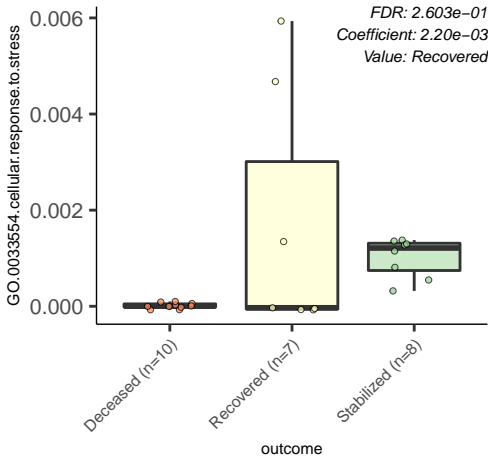


GO.0019692.deoxyribose.phosphate.metabolic.proc

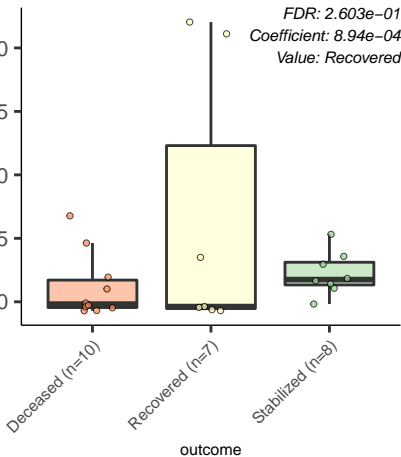


GO.0019692.deoxyribose.phosphate.metabolic.proc



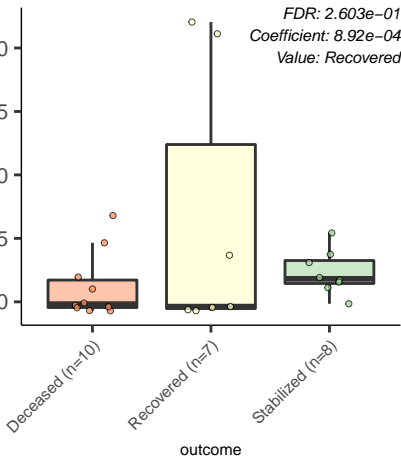


GO.0033692.cellular.polysaccharide.biosynthetic.pro

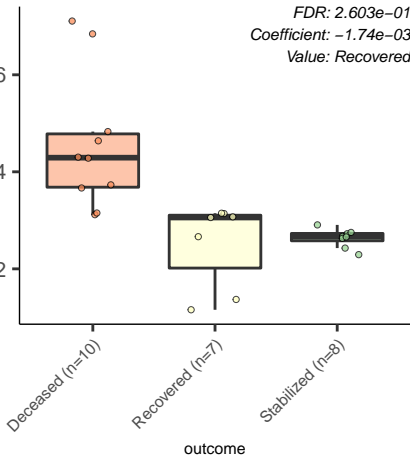




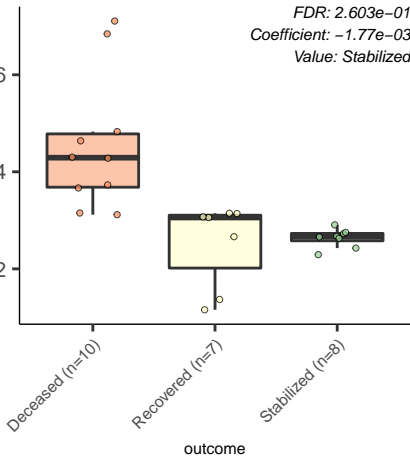
GO.0034637.cellular.carbohydrate.biosynthetic.proc

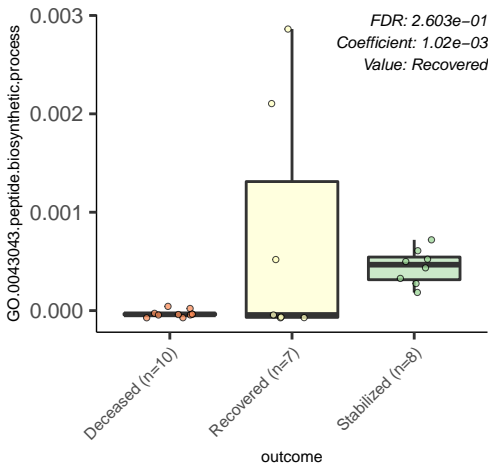


GO.0034654.nucleobase.containing.compound.biosynthet

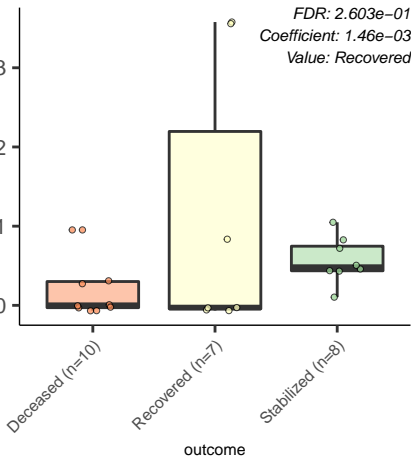


GO.0034654.nucleobase.containing.compound.biosynthetic

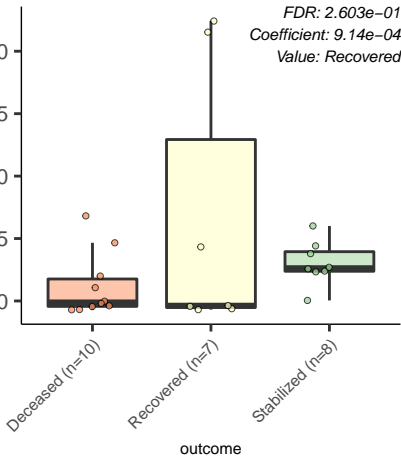




GO.0044262.cellular.carbohydrate.metabolic.proce

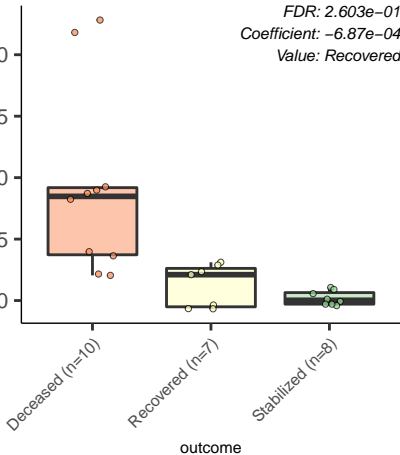


GO.0044264.cellular.polysaccharide.metallic.pro



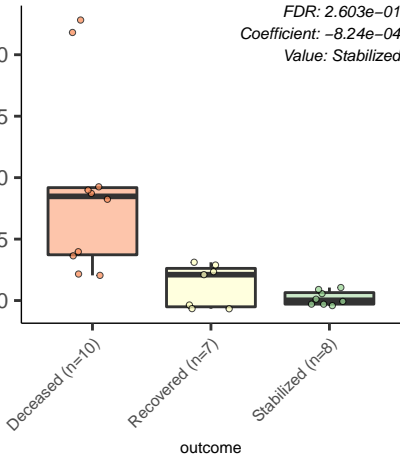
GO.0044409.entry.into.host

FDR: 2.603e-01  
Coefficient: -6.87e-04  
Value: Recovered



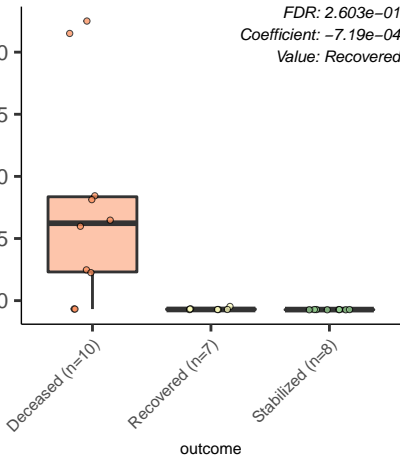
GO.0044409.entry.into.host

FDR: 2.603e-01  
Coefficient: -8.24e-04  
Value: Stabilized



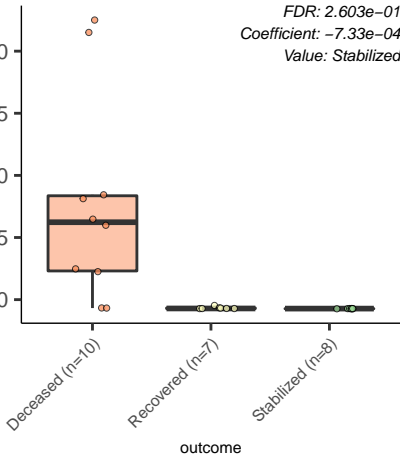


GO.0044826.viral.genome.integration.into.host.DN

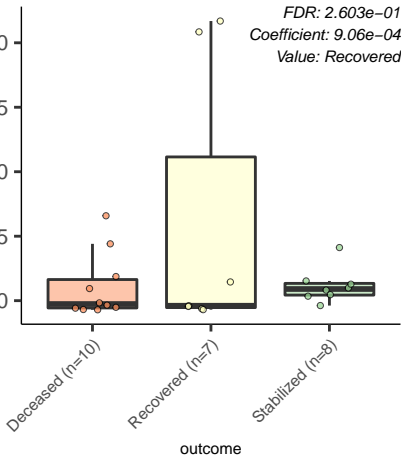


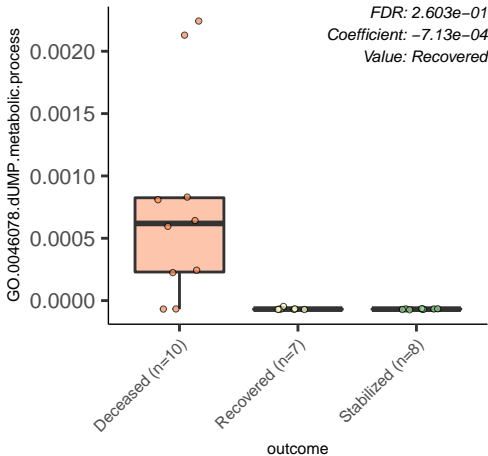
GO.0044826.viral.genome.integration.into.host.DN

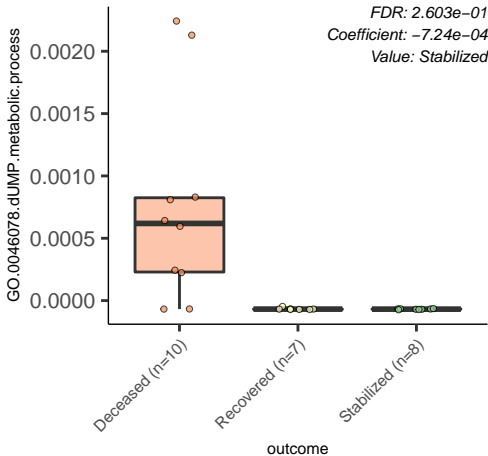
FDR: 2.603e-01  
Coefficient: -7.33e-04  
Value: Stabilized

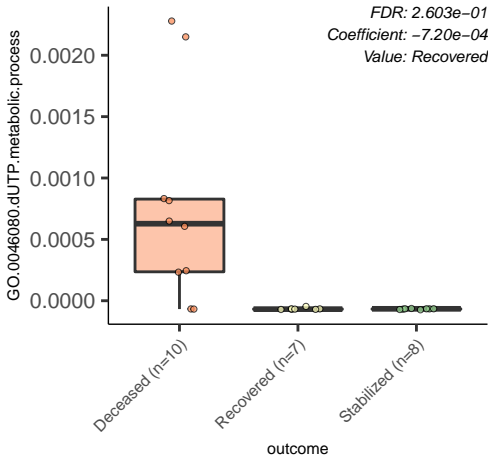


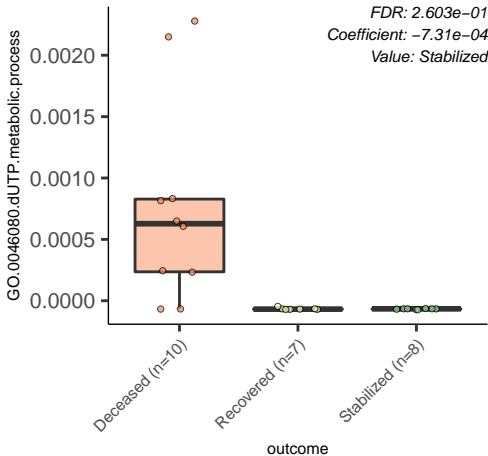
GO.0045226.extracellular.polysaccharide.biosynthetic.p

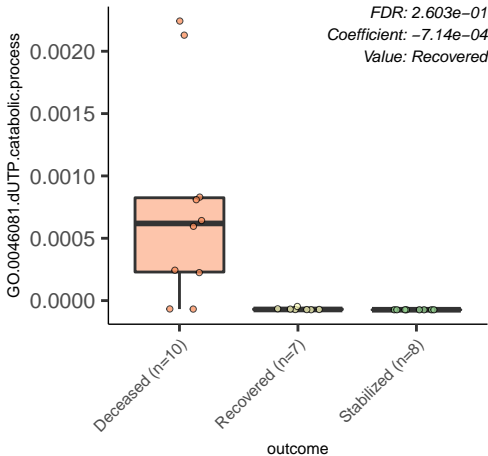




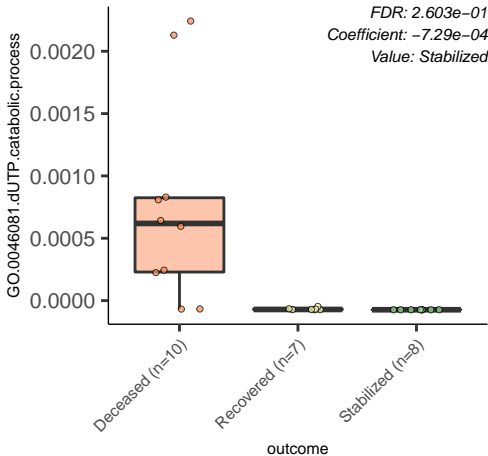




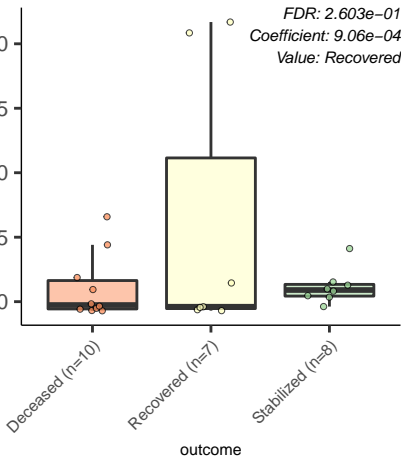






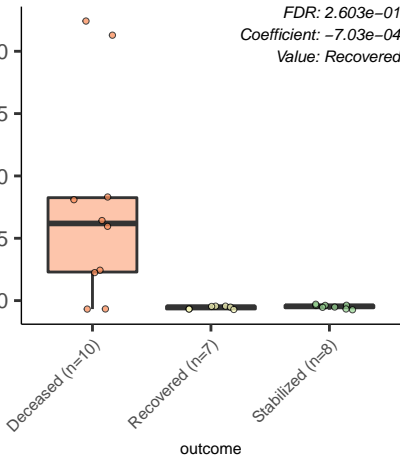


GO.0046379.extracellular.polysaccharide.metalloproteinase



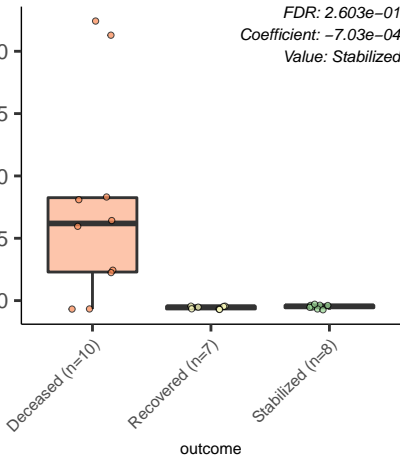
GO.0046385.deoxyribose.phosphate.biosynthetic.pro

FDR: 2.603e-01  
Coefficient: -7.03e-04  
Value: Recovered

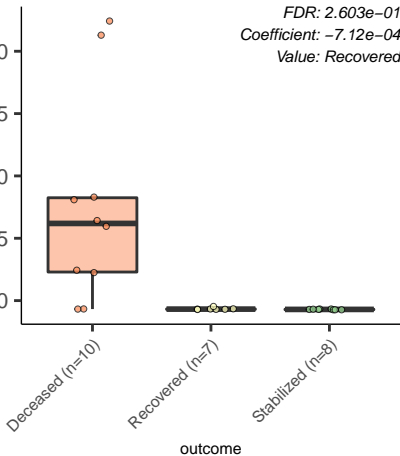


GO.0046385.deoxyribose.phosphate.biosynthetic.pro

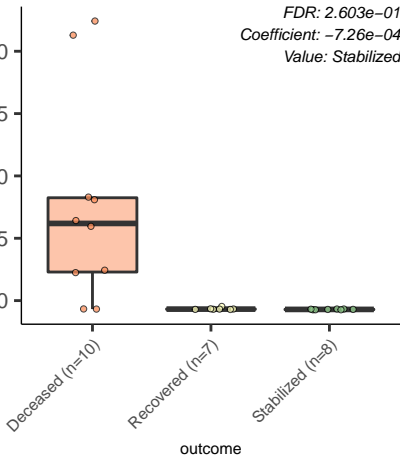
FDR: 2.603e-01  
Coefficient: -7.03e-04  
Value: Stabilized



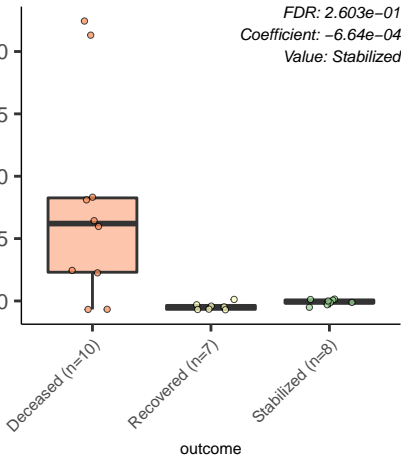
GO.0046386.deoxyribose.phosphate.catabolic.proce

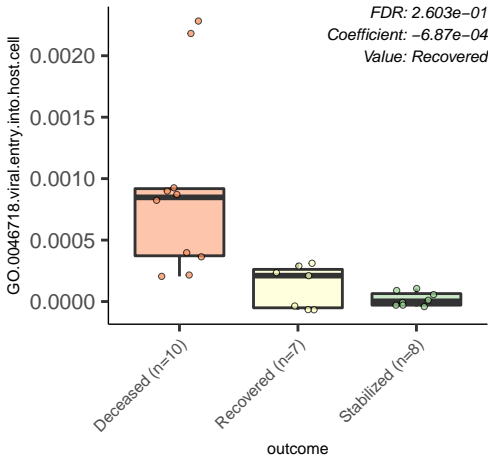


GO.0046386.deoxyribose.phosphate.catabolic.proce

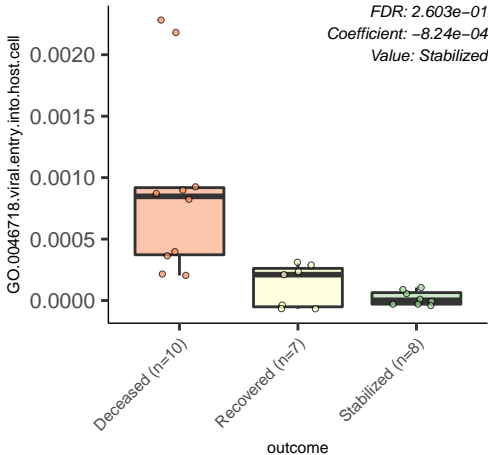


GO.0046434.organophosphate.catabolic.process



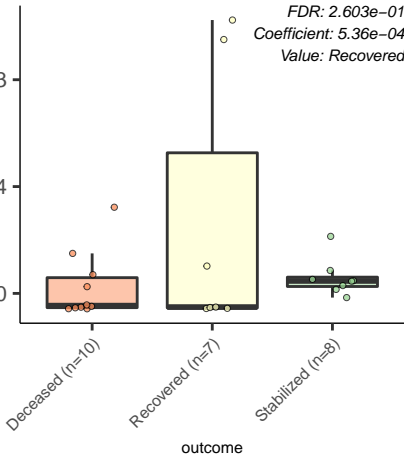


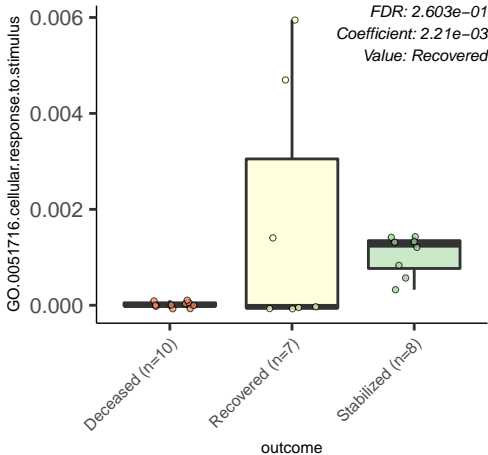


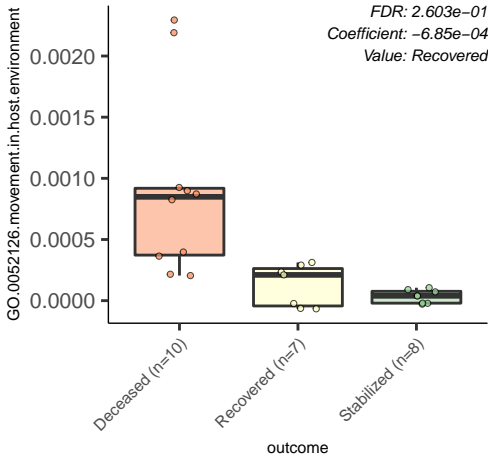


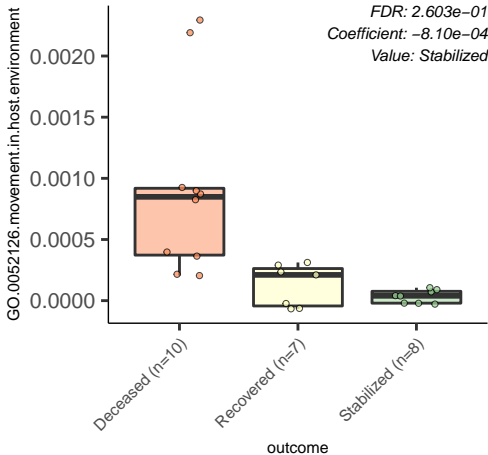
GO.0046835.carbohydrate.phosphorylation

*FDR: 2.603e-01*  
*Coefficient: 5.36e-04*  
*Value: Recovered*

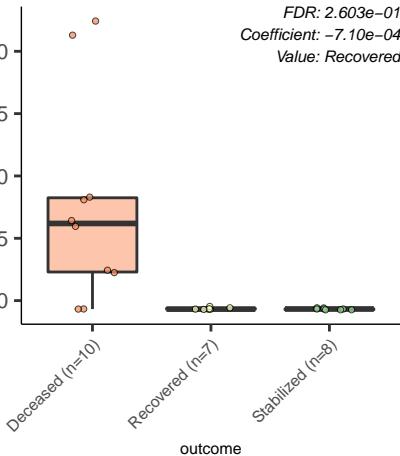




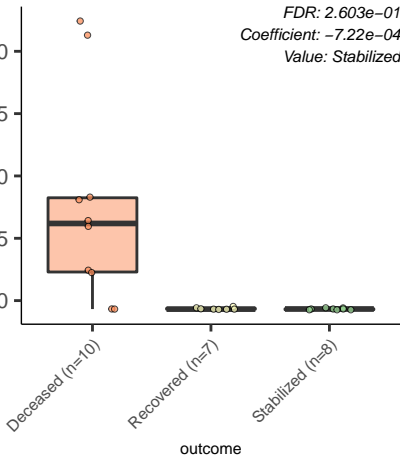




GO.0072529.pyrimidine.containing.compound.catabolic.p

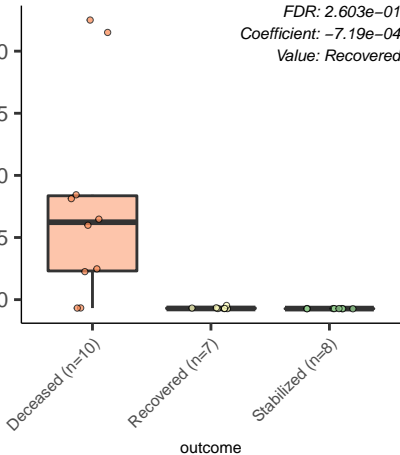


GO.0072529.pyrimidine.containing.compound.catabolic.p



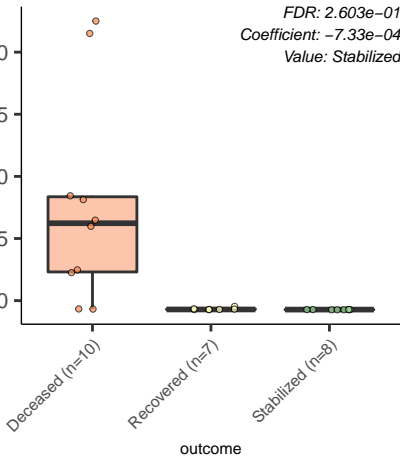
GO.0075713.establishment.of.integrated.proviral.late

FDR: 2.603e-01  
Coefficient: -7.19e-04  
Value: Recovered



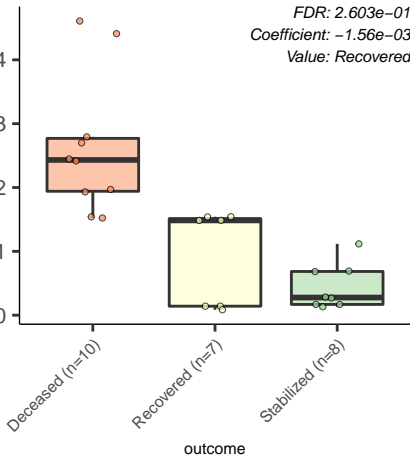


GO.0075713.establisment.of.integrated.proviral.late

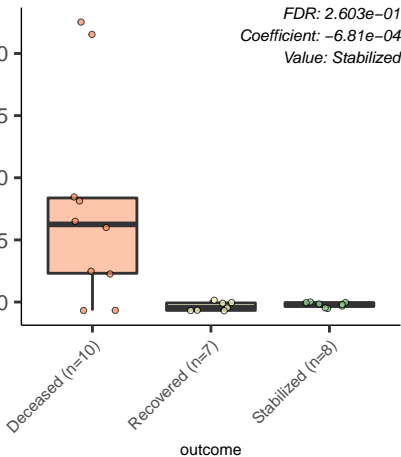


GO.0090501.RNA.phosphodiester.bond.hydrolysis

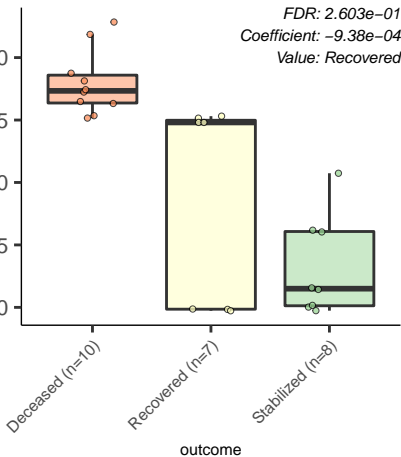
FDR: 2.603e-01  
Coefficient: -1.56e-03  
Value: Recovered



GO.0090502.RNA.phosphodiester.bond.hydrolysis..endon



GO.0090503.RNA.phosphodiester.bond.hydrolysis..exonu

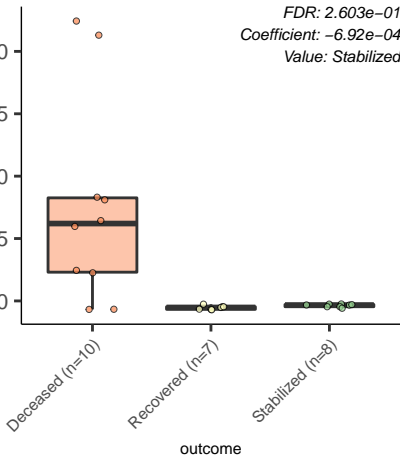


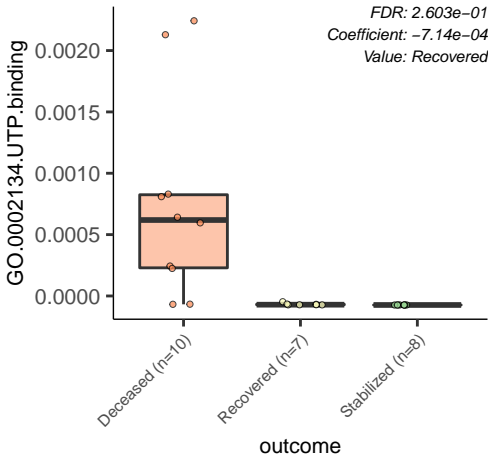
GO.1901292.nucleoside.phosphate.catabolic.proce

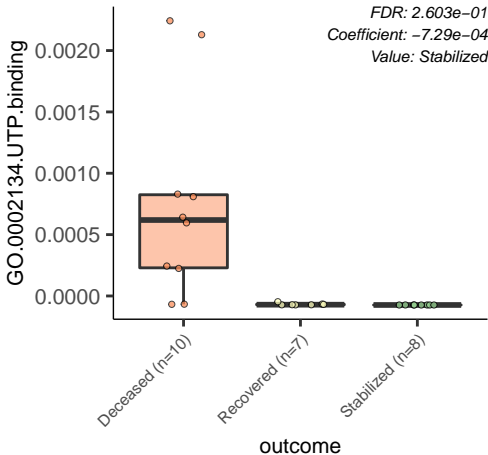
*FDR: 2.603e-01*

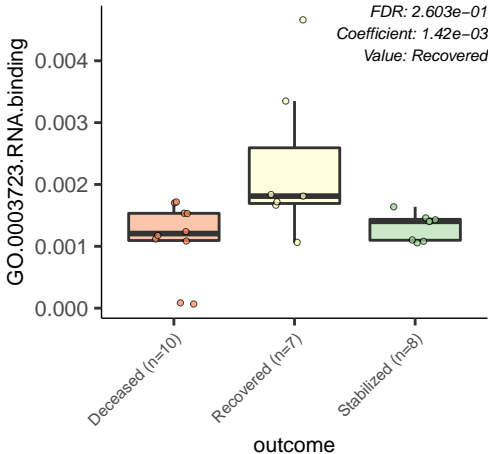
Coefficient:  $-6.92e-04$

Value: Stabilized

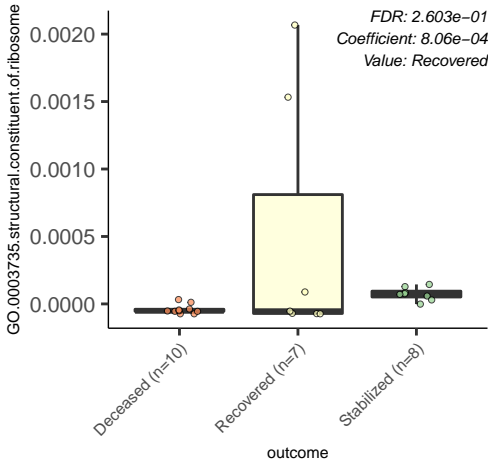






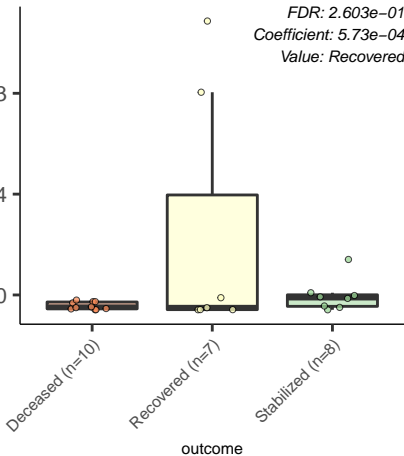






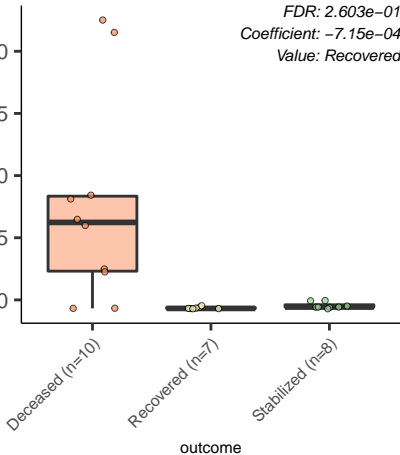
GO.0003960.NADPH.quinone.reductase.activity

*FDR: 2.603e-01*  
*Coefficient: 5.73e-04*  
*Value: Recovered*

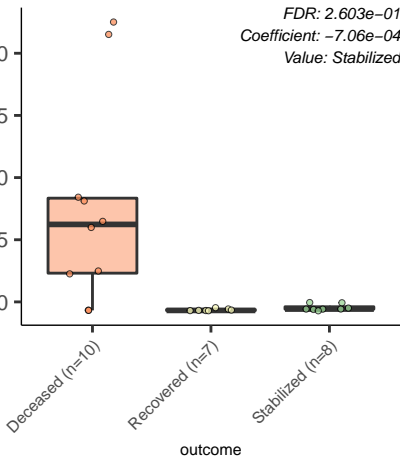


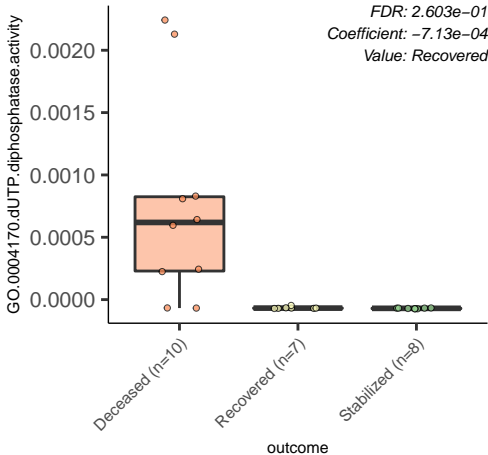
GO.0003964.RNA.directed.DNA.polymerase.activi

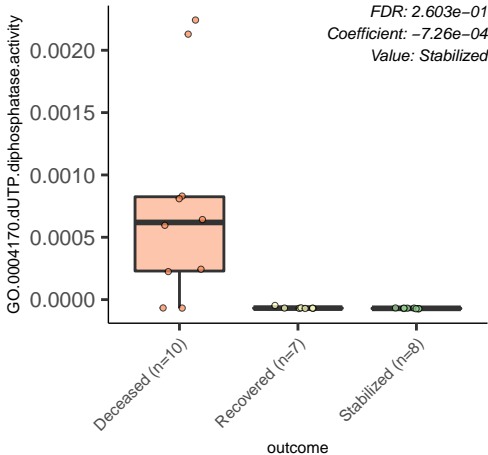
*FDR: 2.603e-01*  
*Coefficient: -7.15e-04*  
*Value: Recovered*



GO.0003964.RNA.directed.DNA.polymerase.activi

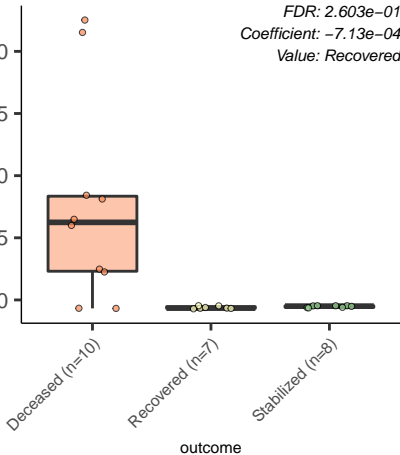






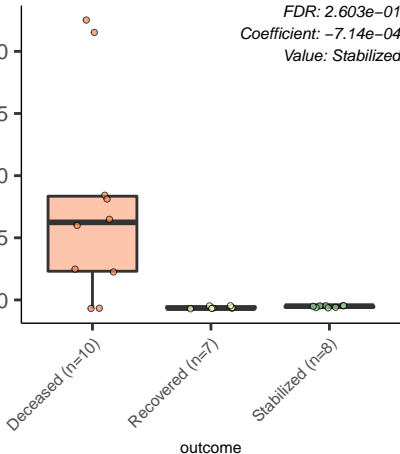
GO.0004190.aspartic.type.endopeptidase.activity

FDR: 2.603e-01  
Coefficient: -7.13e-04  
Value: Recovered

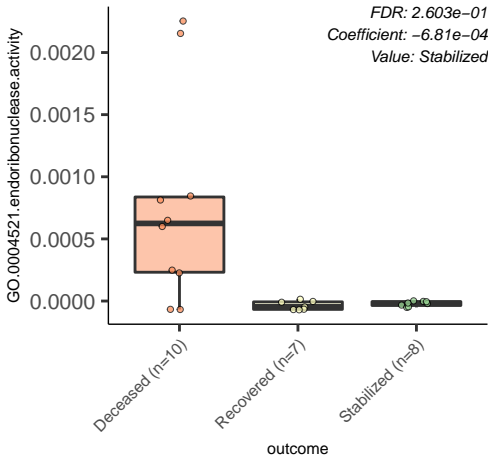


GO.0004190.aspartic.type.endopeptidase.activity

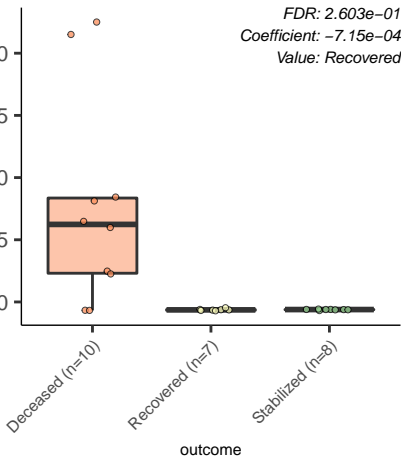
FDR: 2.603e-01  
Coefficient: -7.14e-04  
Value: Stabilized



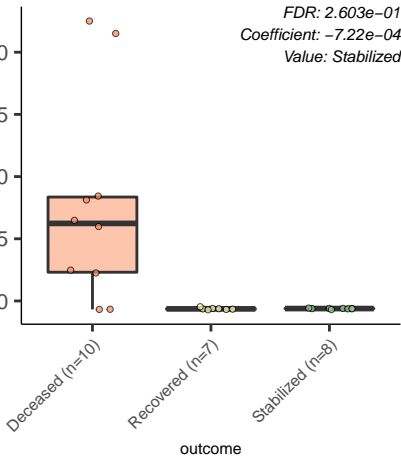


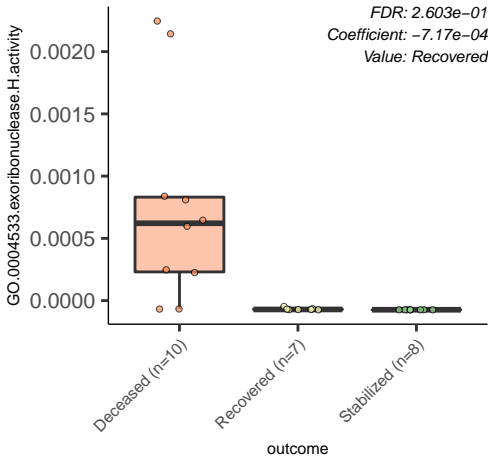


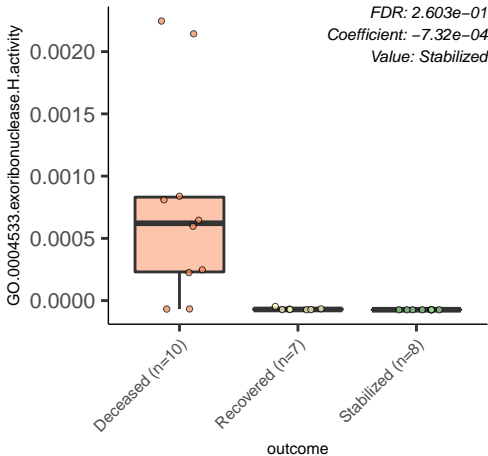
GO.0004523.RNA.DNA.hybrid.ribonuclease.activit



GO.0004523.RNA.DNA.hybrid.ribonuclease.activit

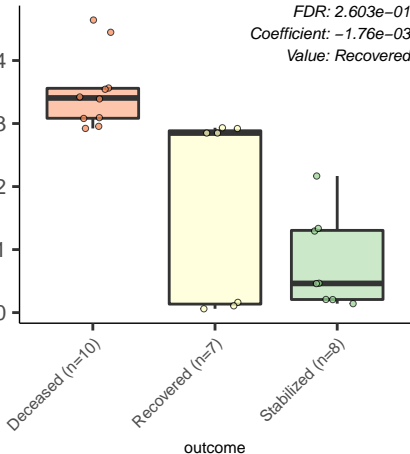


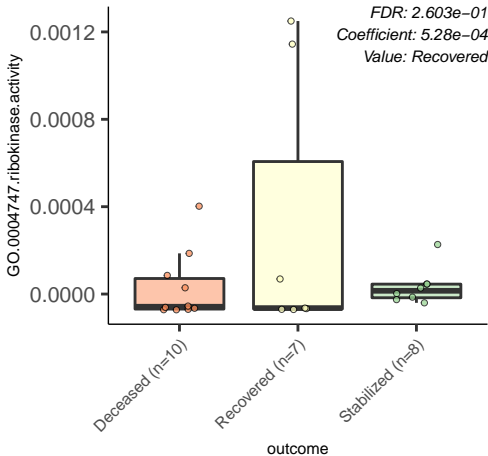


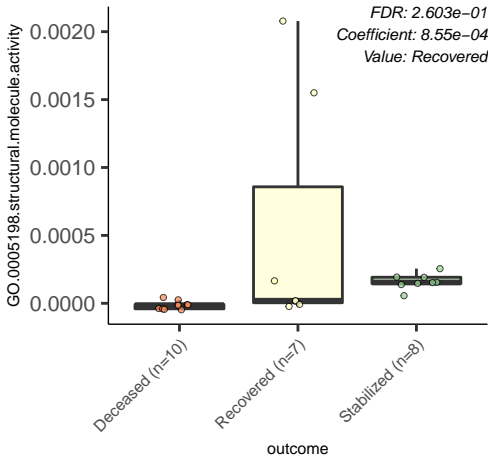


GO.0004540.ribonuclease.activity

FDR: 2.603e-01  
Coefficient: -1.76e-03  
Value: Recovered



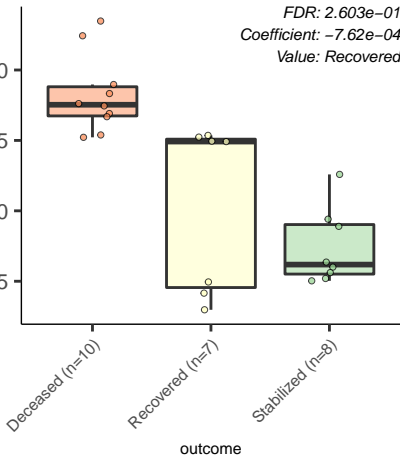






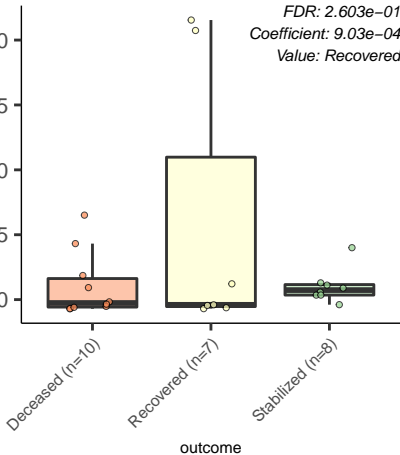
GO.0008270.zinc.ion.binding

FDR: 2.603e-01  
Coefficient: -7.62e-04  
Value: Recovered

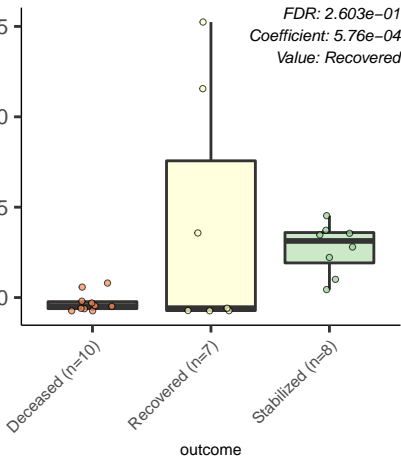


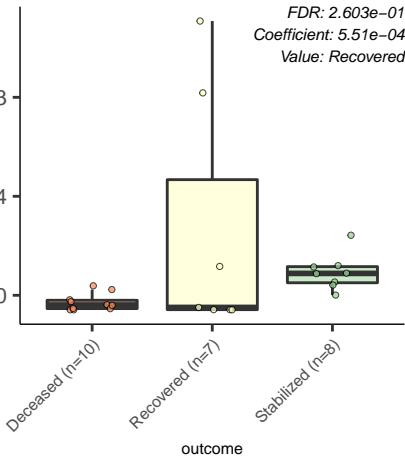
GO.0008879.glucose.1.phosphate.thymidyltransferase

FDR: 2.603e-01  
Coefficient: 9.03e-04  
Value: Recovered

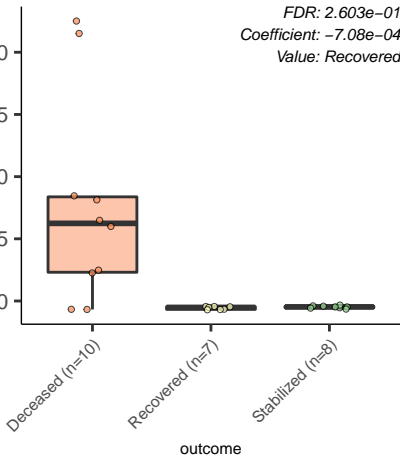


GO.0016651.oxidoreductase.activity.acting.on.NAD.

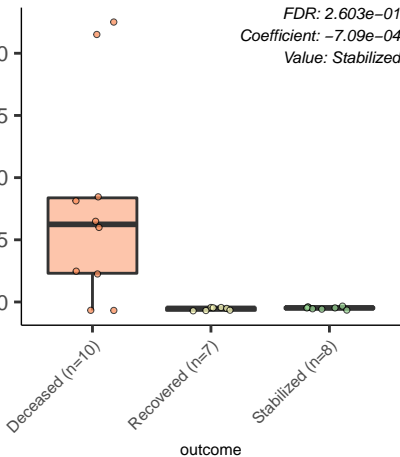




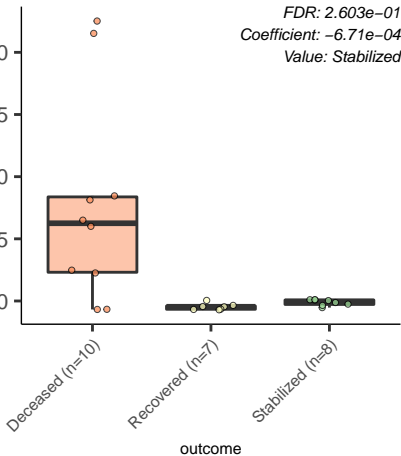
GO.0016891.endoribonuclease.activity..producing.5.phospho

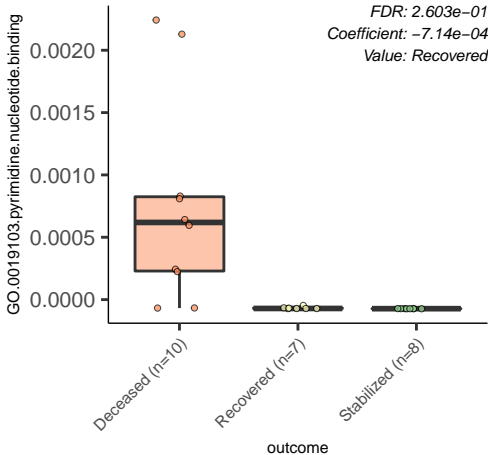


GO.0016891.endoribonuclease.activity..producing.5.phospho

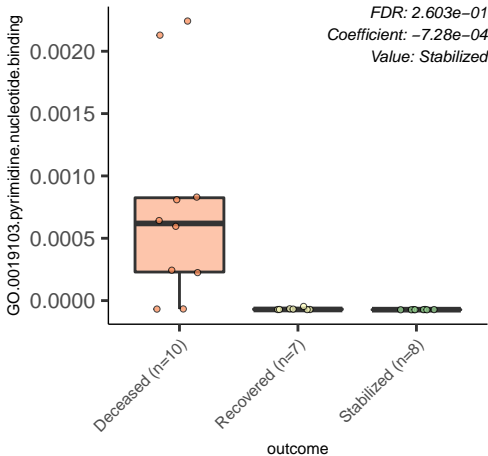


onuclease.activity..active.with.either.ribo...or.deoxyribonucleic.acids.a



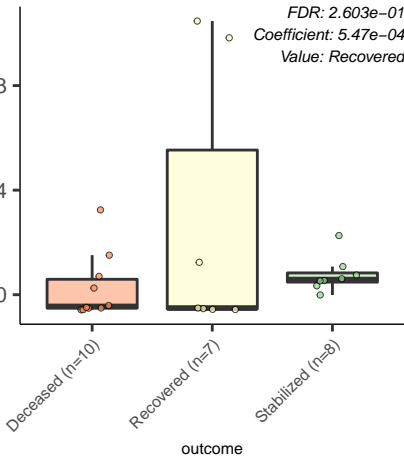


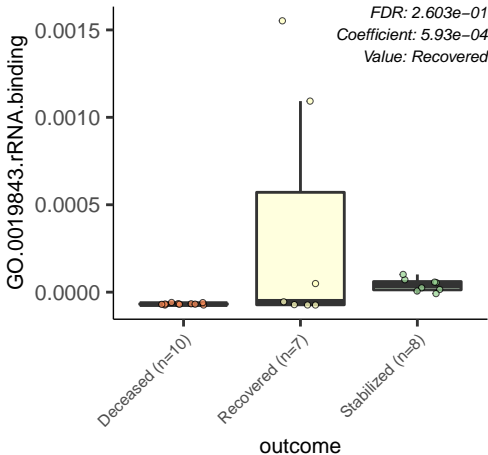


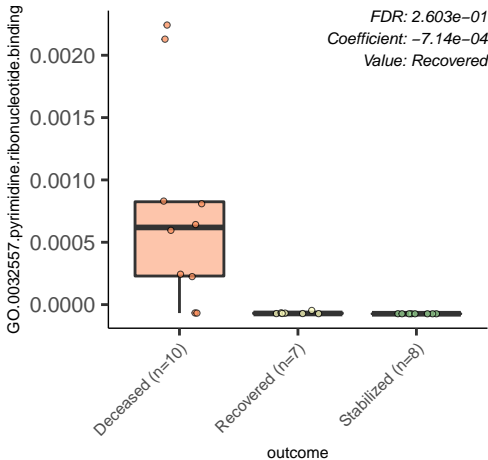


GO.0019200.carbohydrate.kinase.activity

FDR: 2.603e-01  
Coefficient: 5.47e-04  
Value: Recovered

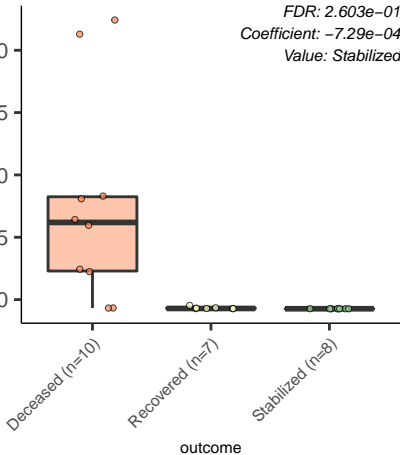


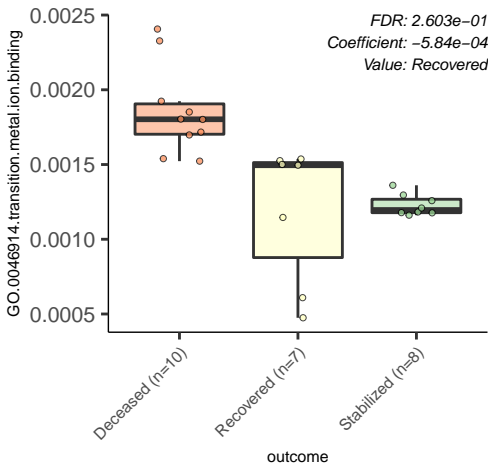


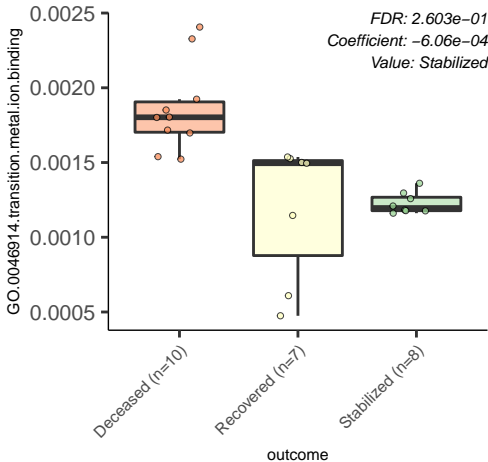


GO.0032557.pyrimidine.ribonucleotide.binding

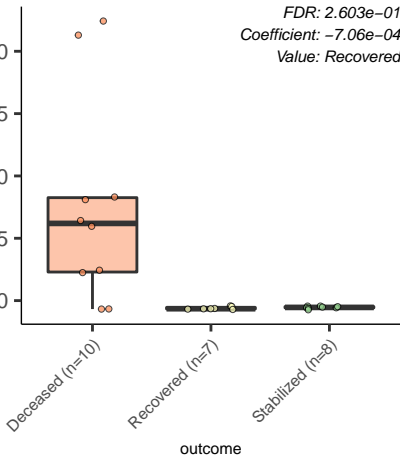
FDR: 2.603e-01  
Coefficient: -7.29e-04  
Value: Stabilized





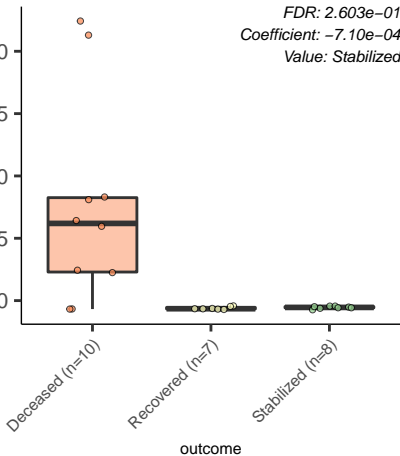


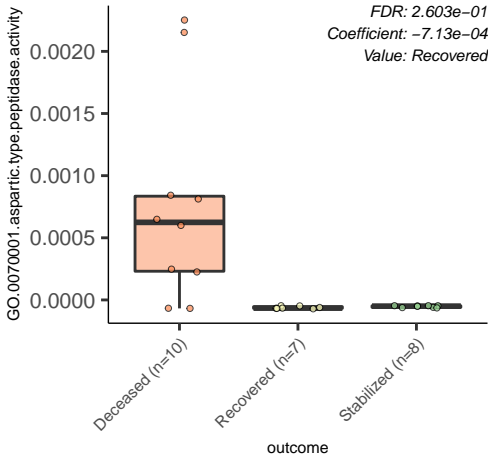
GO.0047429.nucleoside.triphosphate.diphosphatase.a

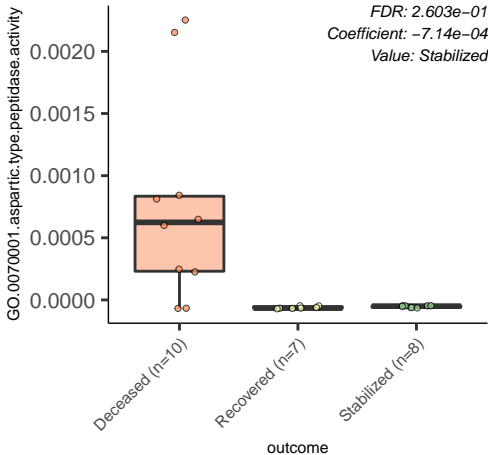


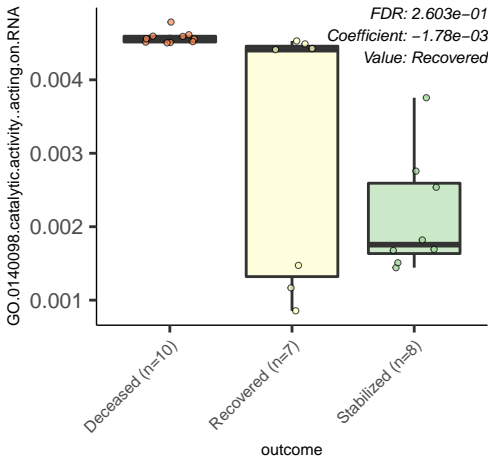


GO.0047429.nucleoside.triphosphate.diphosphatase.a

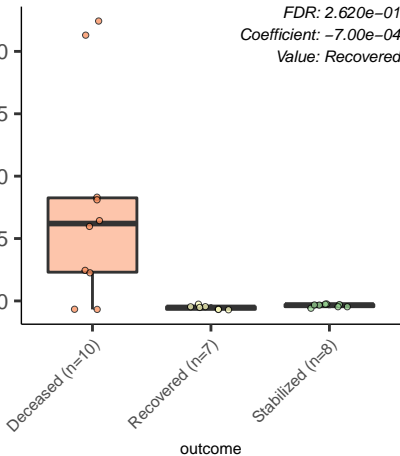




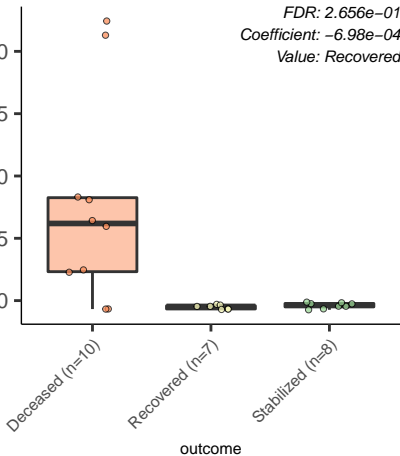




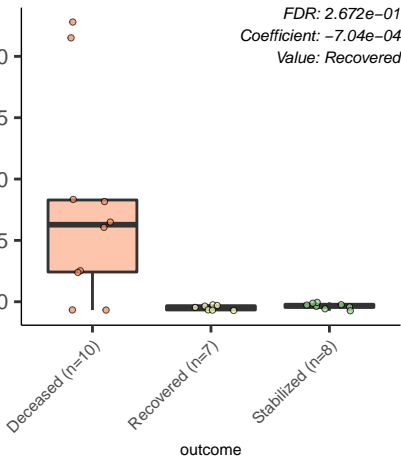
GO.1901292.nucleoside.phosphate.catabolic.proce



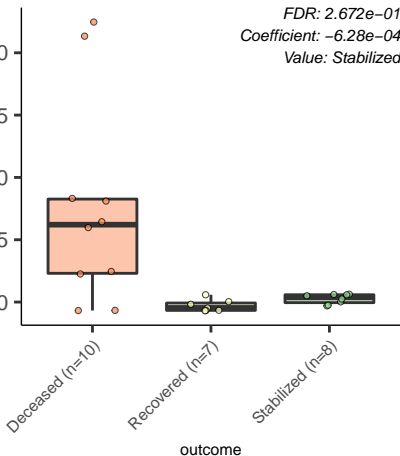
GO.0009263.deoxyribonucleotide.biosynthetic.proce



GO.0009147.pyrimidine.nucleoside.triphosphate.metabolic

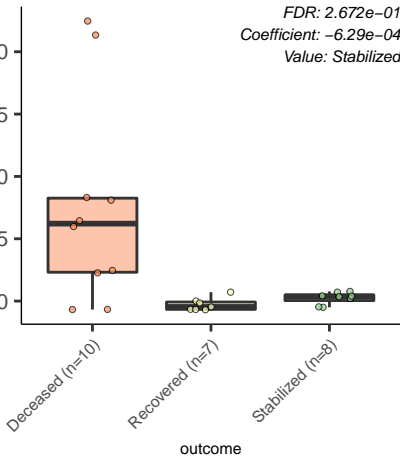


GO.0034404.nucleobase.containing.small.molecule.biosynth

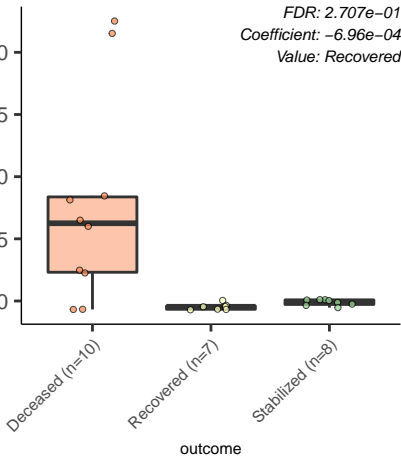




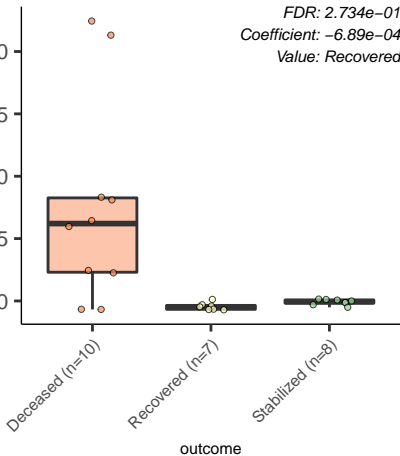
GO.1901136.carbohydrate.derivative.catabolic.proce



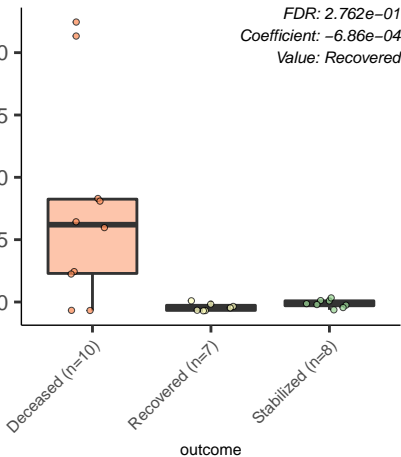
onuclease.activity..active.with.either.ribo...or.deoxyribonucleic.acids.a



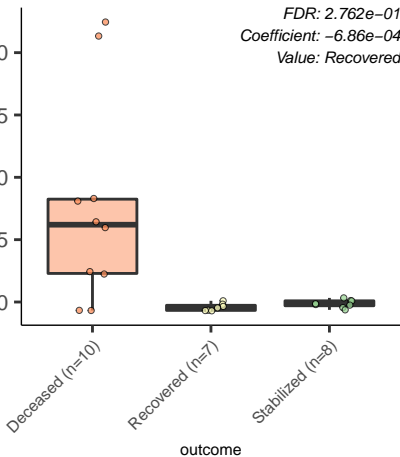
GO.0046434.organophosphate.catabolic.process

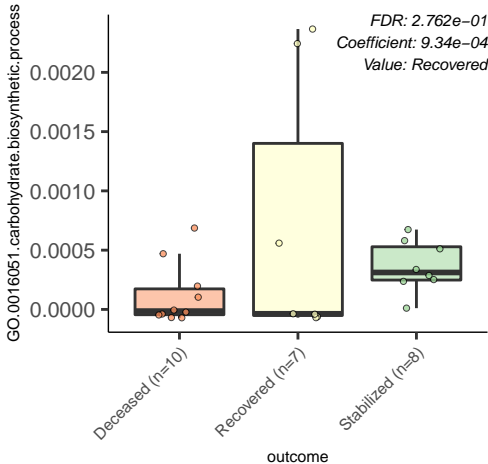


GO.0009129.pyrimidine.nucleoside.monophosphate.metabo

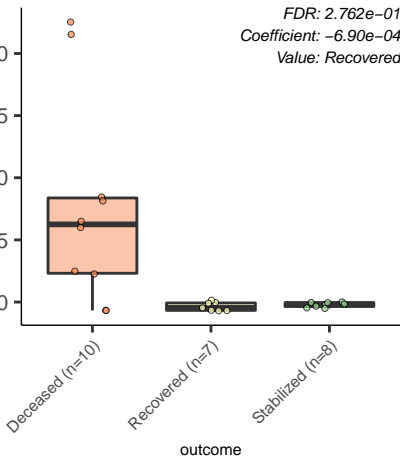


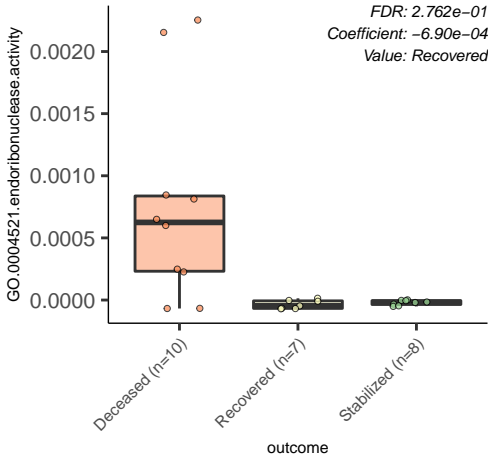
GO.0009130.pyrimidine.nucleoside.monophosphate.biosynth



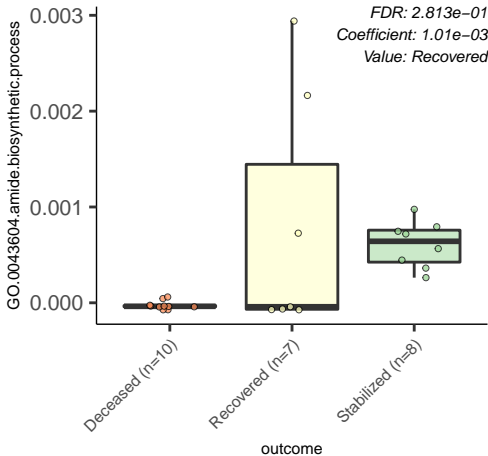


GO.0090502.RNA.phosphodiester.bond.hydrolysis..endon

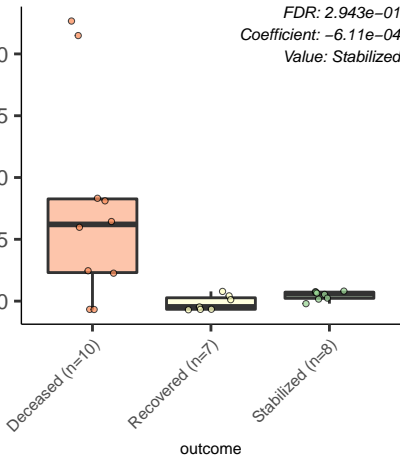




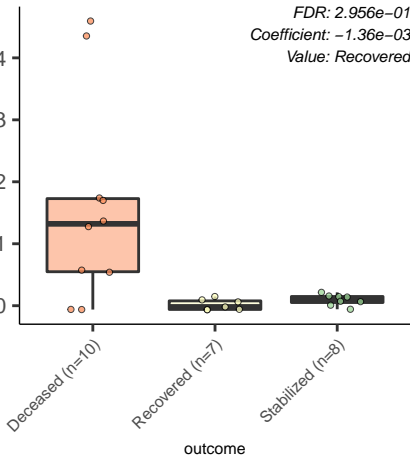




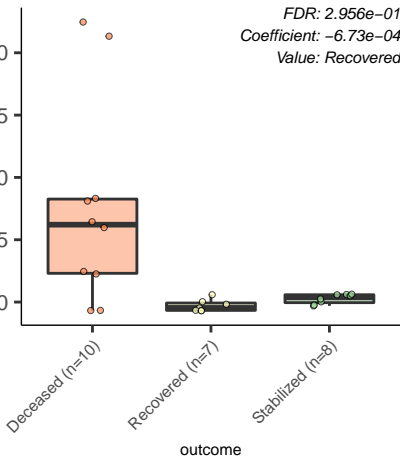
GO.0034655.nucleobase.containing.compound.catabolic



GO.0006220.pyrimidine.nucleotide.metabolic.proce

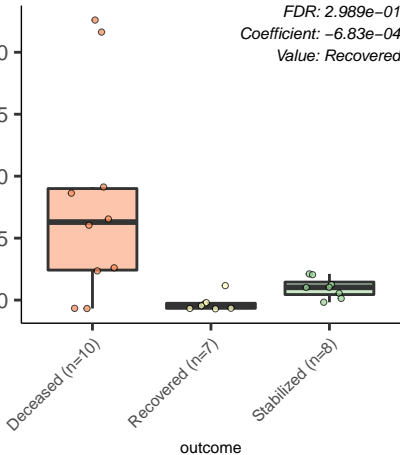


GO.0034404.nucleobase.containing.small.molecule.biosynth

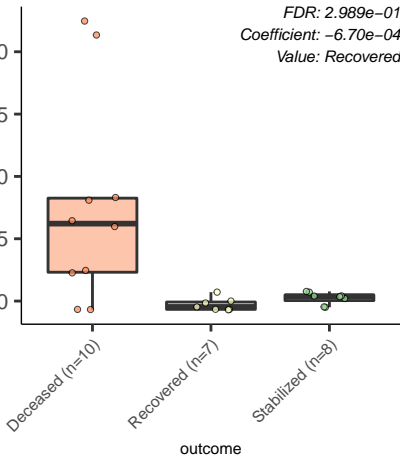


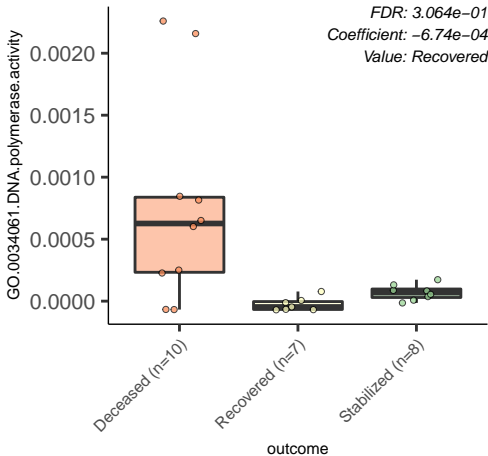
GO.0015074.DNA.integration

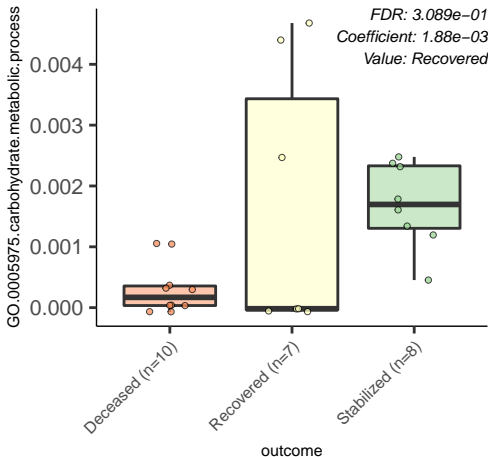
*FDR: 2.989e-01*  
*Coefficient: -6.83e-04*  
*Value: Recovered*



GO.1901136.carbohydrate.derivative.catabolic.proce

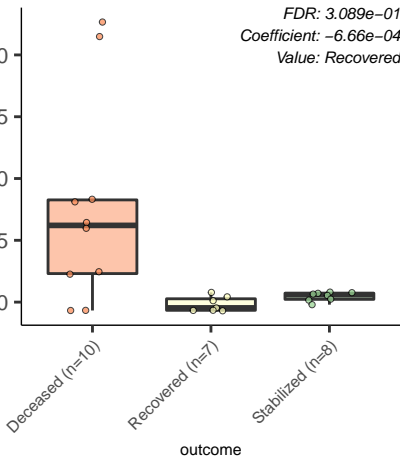


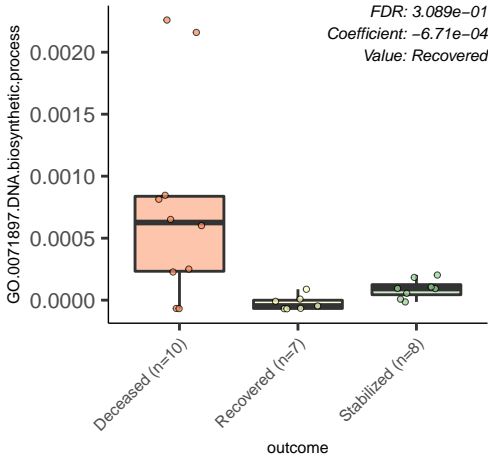




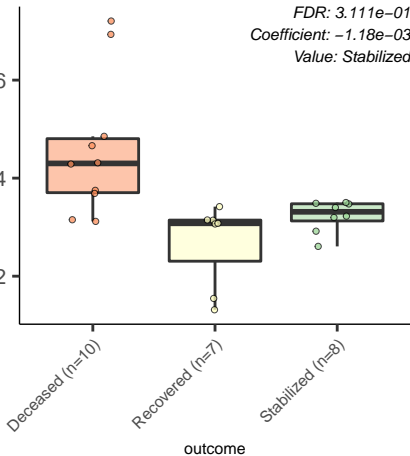


GO.0034655.nucleobase.containing.compound.catabolic

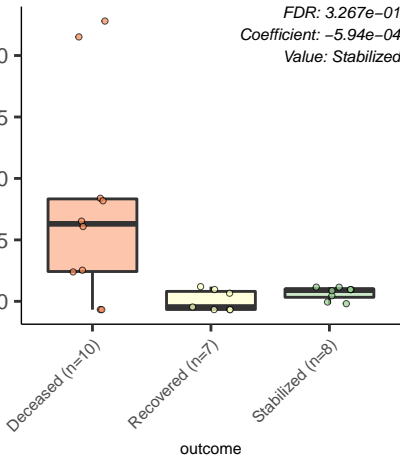


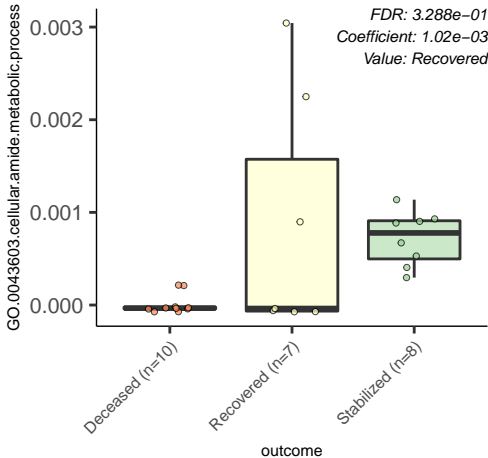


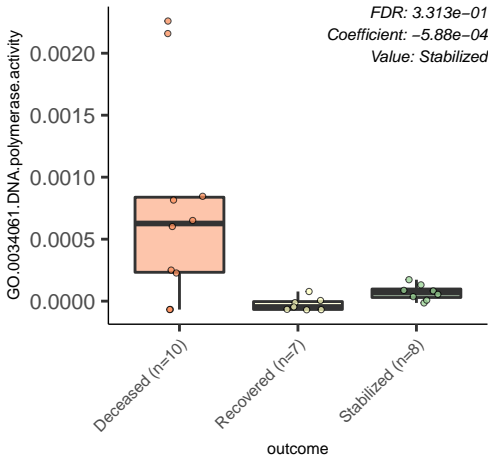
GO.0019438.aromatic.compound.biosynthetic.proce



GO.0009141.nucleoside.triphosphate.metabolic.pro

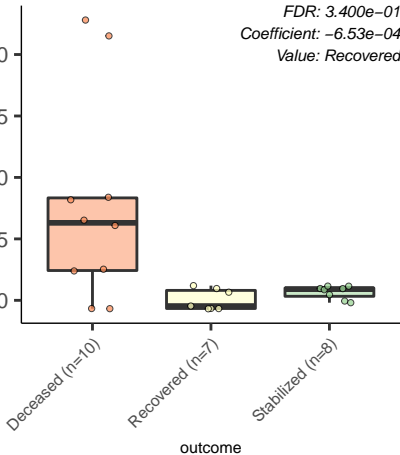




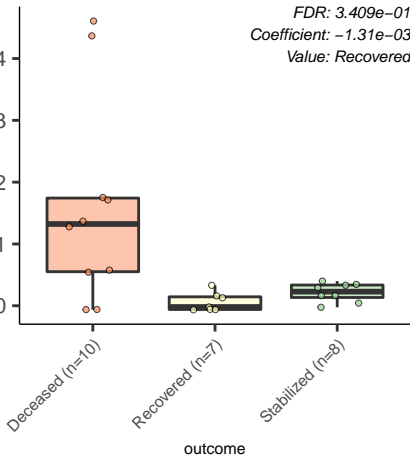


GO.0009141.nucleoside.triphosphate.metabolic.pro

*FDR: 3.400e-01*  
*Coefficient: -6.53e-04*  
*Value: Recovered*

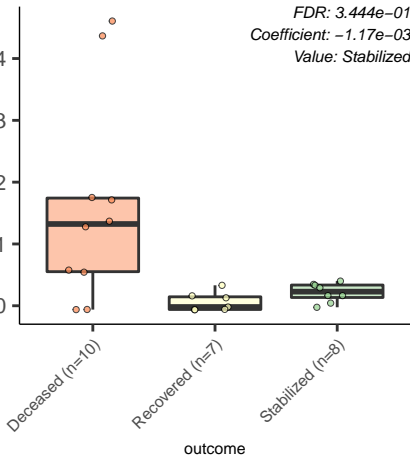


GO.0072527.pyrimidine.containing.compound.metabolic.



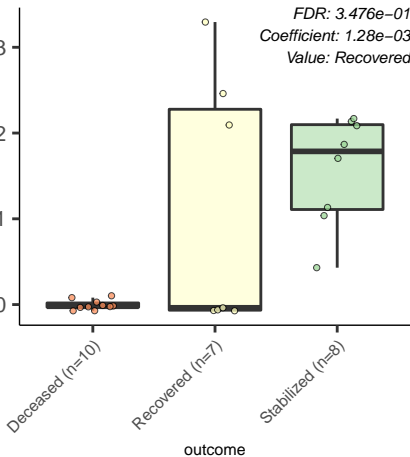


GO.0072527.pyrimidine.containing.compound.metabolic.

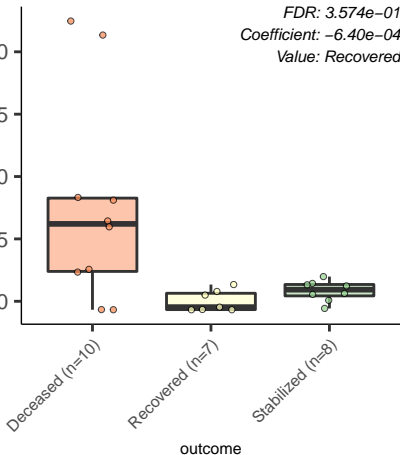


GO.0044267.cellular.protein.metabolic.process

*FDR: 3.476e-01*  
*Coefficient: 1.28e-03*  
*Value: Recovered*

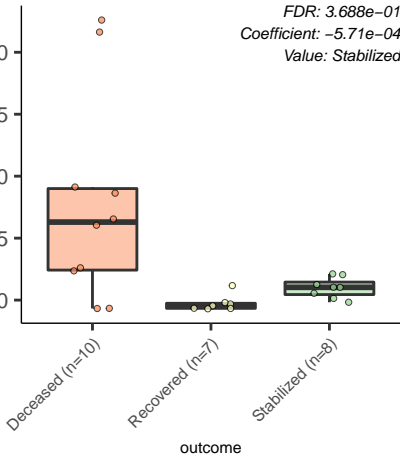


GO.0006221.pyrimidine.nucleotide.biosynthetic.proc

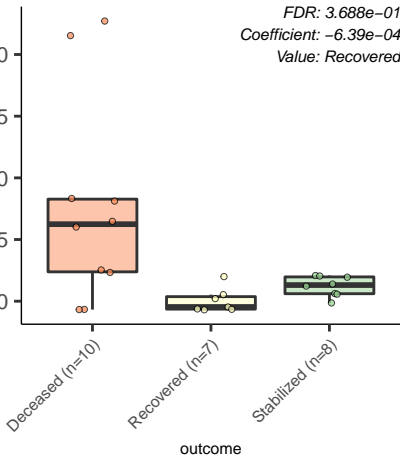


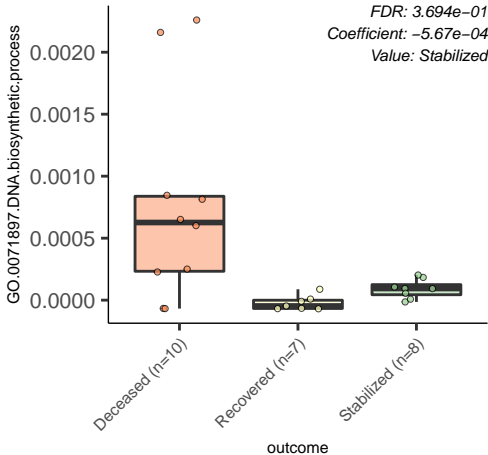
GO.0015074.DNA.integration

*FDR: 3.688e-01*  
*Coefficient: -5.71e-04*  
*Value: Stabilized*



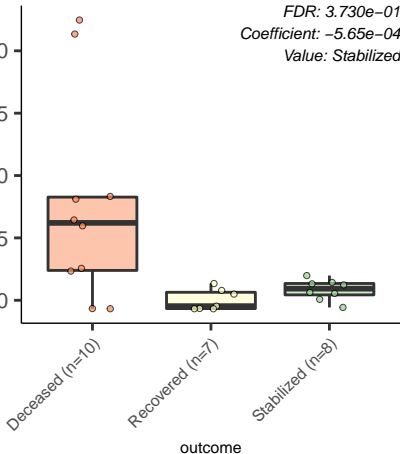
GO.0044270.cellular.nitrogen.compound.catabolic.pro





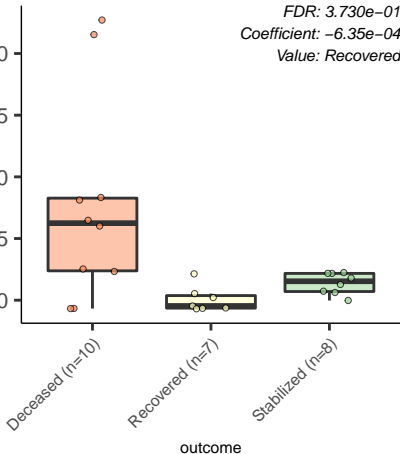
GO.0006221.pyrimidine.nucleotide.biosynthetic.pro

FDR: 3.730e-01  
Coefficient: -5.65e-04  
Value: Stabilized



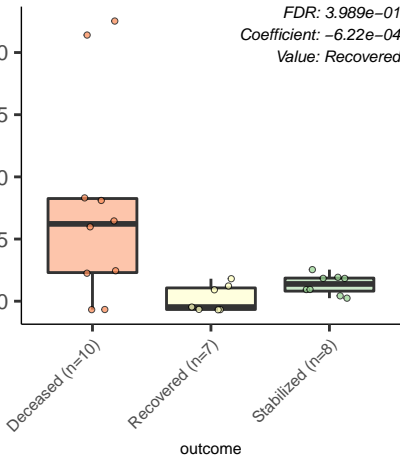
GO.0046700.heterocycle.catabolic.process

FDR: 3.730e-01  
Coefficient: -6.35e-04  
Value: Recovered

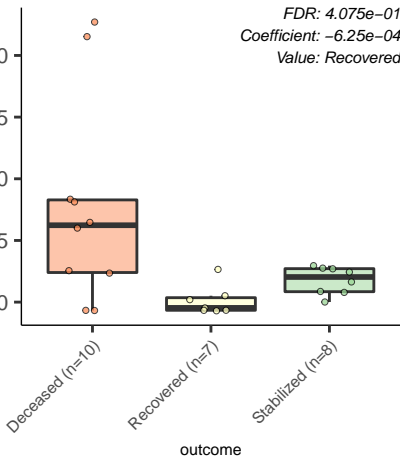




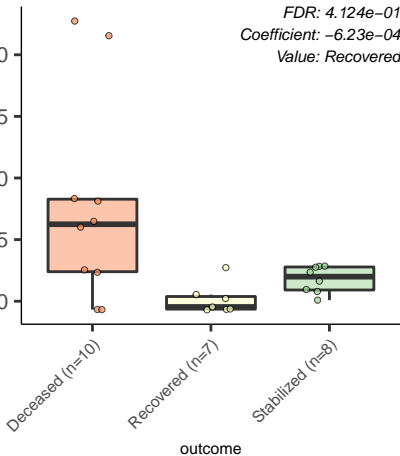
GO.0009124.nucleoside.monophosphate.biosynthetic.p



GO.0019439.aromatic.compound.catabolic.process

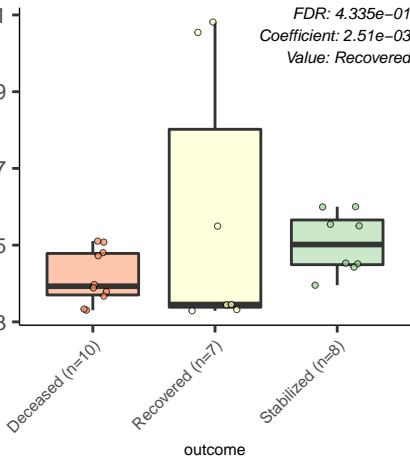


GO.1901361.organic.cyclic.compound.catabolic.pro

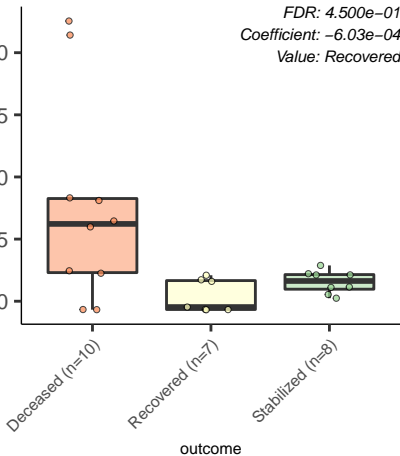


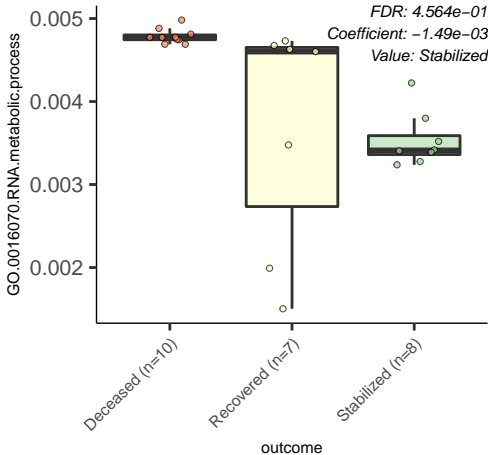
GO.0003676.nucleic.acid.binding

*FDR: 4.335e-01*  
*Coefficient: 2.51e-03*  
*Value: Recovered*



GO.0009123.nucleoside.monophosphate.metabolic.pr





GO.0016310.phosphorylation

0.003  
0.002  
0.001  
0.000

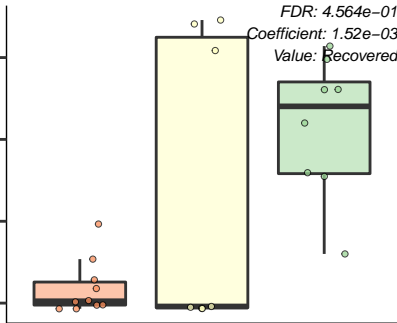
Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

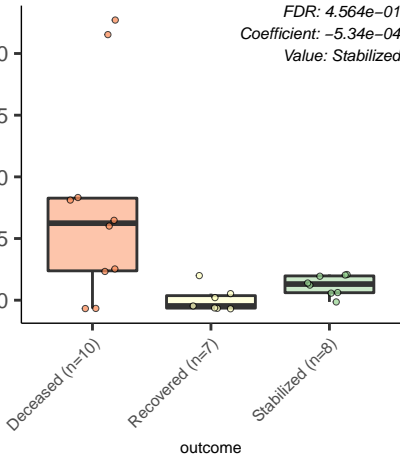
outcome

FDR: 4.564e-01  
Coefficient: 1.52e-03  
Value: Recovered



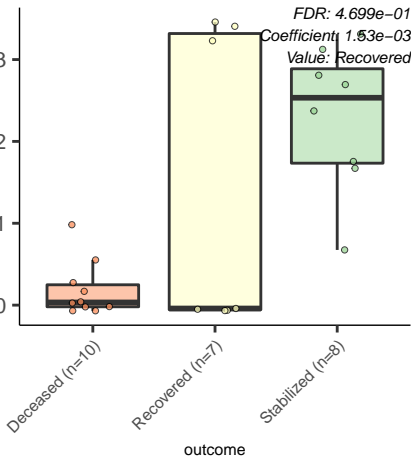
GO.0044270.cellular.nitrogen.compound.catabolic.pro

FDR: 4.564e-01  
Coefficient: -5.34e-04  
Value: Stabilized

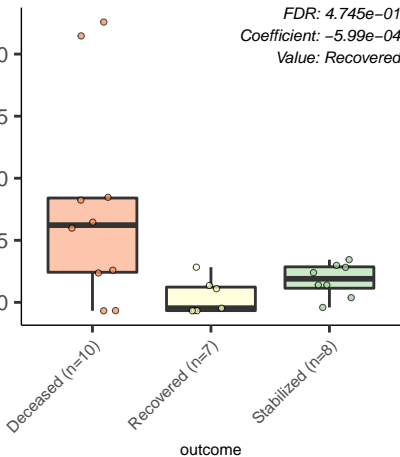


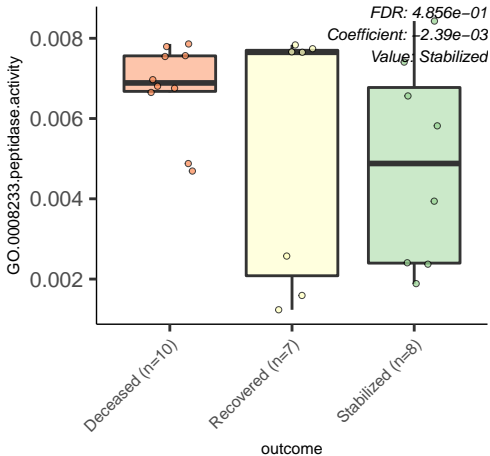


GO.0016301.kinase.activity



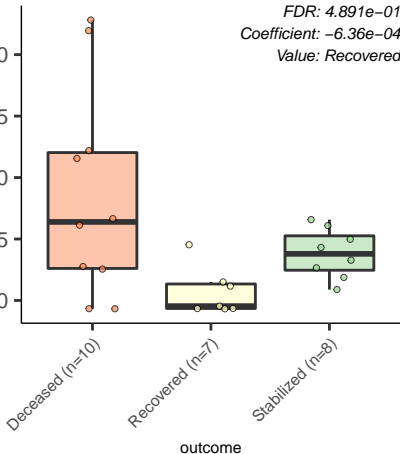
GO.0072528.pyrimidine.containing.compound.biosynthetic



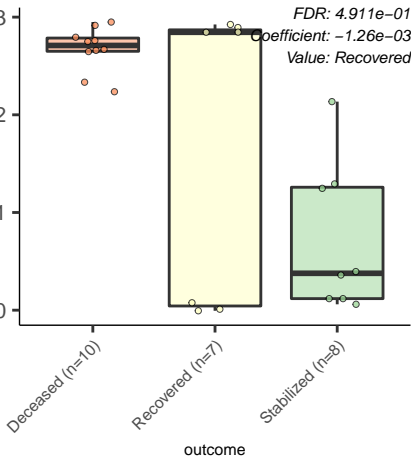


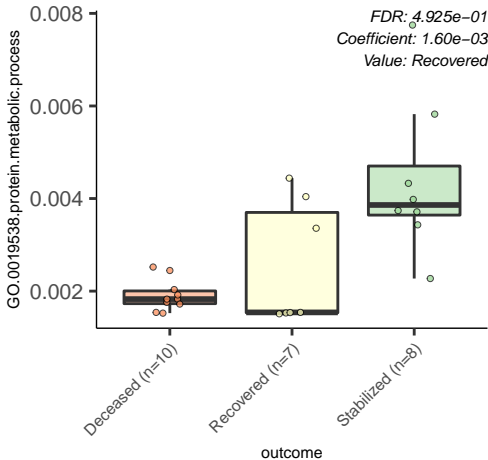
GO.0006310.DNA.recombination

FDR: 4.891e-01  
Coefficient: -6.36e-04  
Value: Recovered



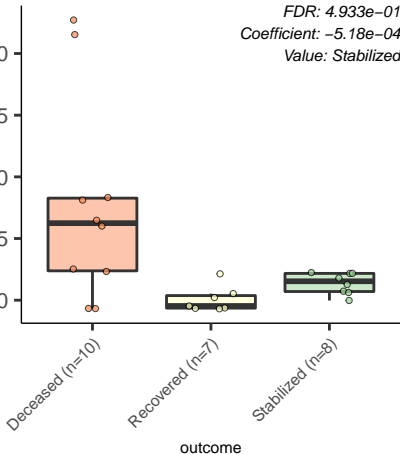
nuclease.activity..active.with.either.ribo..or.deoxyribonucleic.acids.a





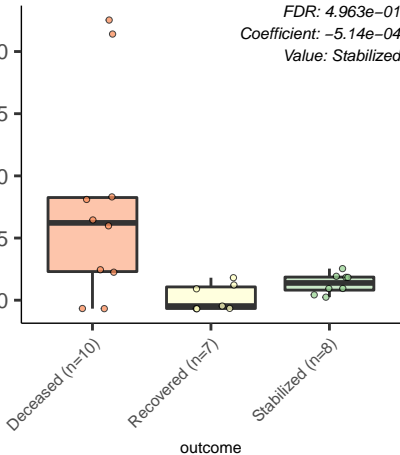
GO.0046700.heterocycle.catabolic.process

FDR: 4.933e-01  
Coefficient: -5.18e-04  
Value: Stabilized

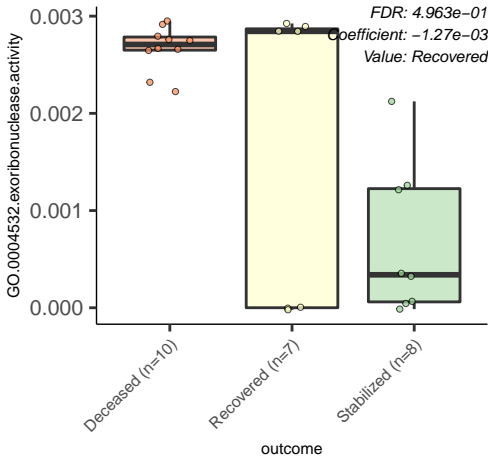


GO.0009124.nucleoside.monophosphate.biosynthetic.p

FDR: 4.963e-01  
Coefficient: -5.14e-04  
Value: Stabilized







GO.0016896.exoribonuclease.activity..producing.5.phospho

