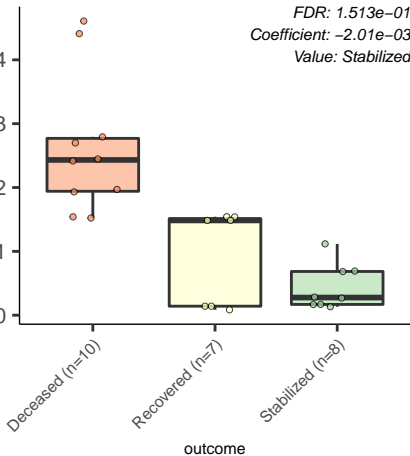
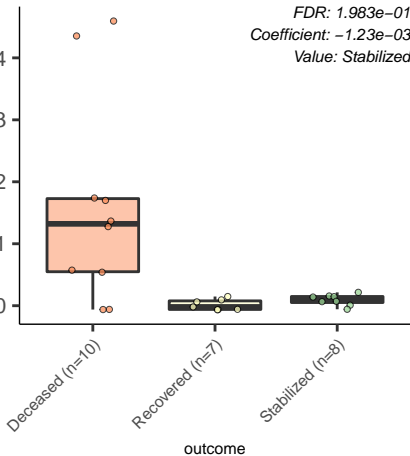


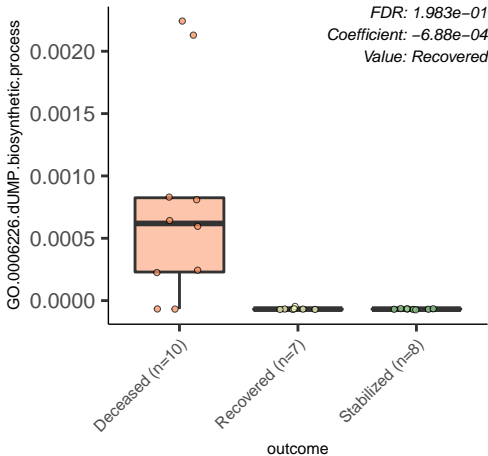
GO.0090501.RNA.phosphodiester.bond.hydrolysis

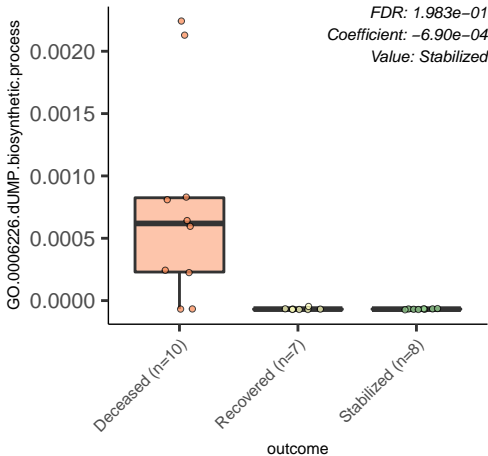
FDR: 1.513e-01
Coefficient: -2.01e-03
Value: Stabilized



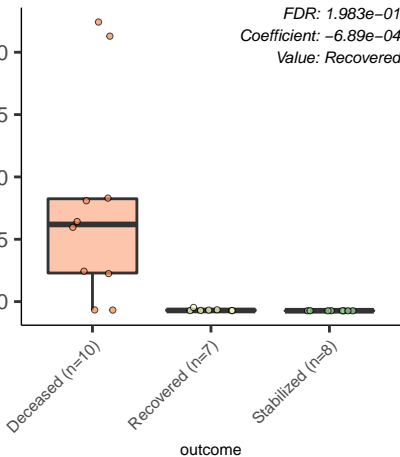
GO.0006220.pyrimidine.nucleotide.metabolic.proce



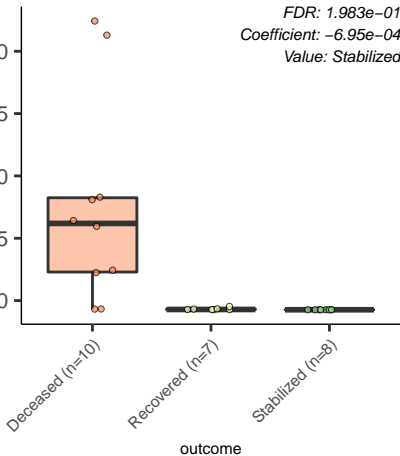




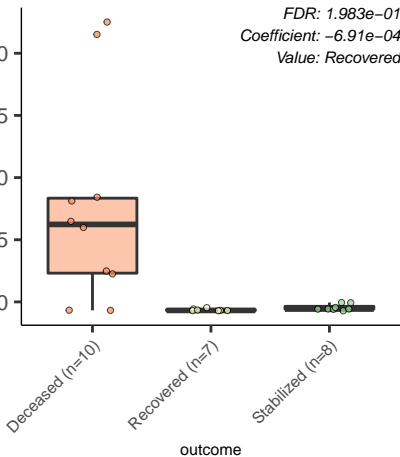
GO.0006244.pyrimidine.nucleotide.catabolic.proces



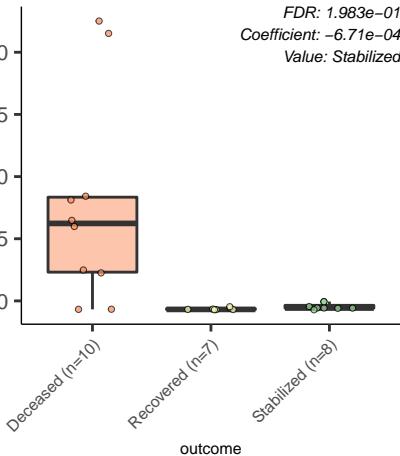
GO.0006244.pyrimidine.nucleotide.catabolic.proce



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



GO.0006278.RNA.dependent.DNA.biosynthetic.pro



GO.0006281.DNA.repair

FDR: 1.983e-01
Coefficient: 2.09e-03
Value: Recovered

0.004

0.002

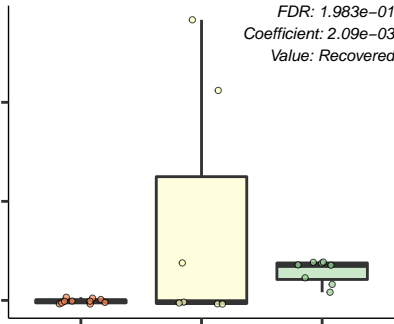
0.000

Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

outcome



GO.0006412.translation

FDR: 1.983e-01
Coefficient: 1.04e-03
Value: Recovered

0.002

0.001

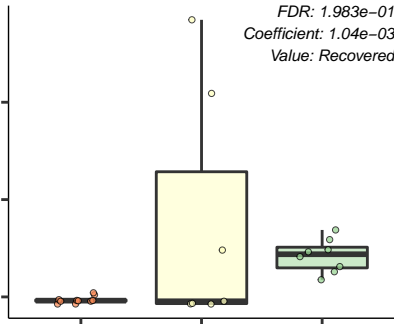
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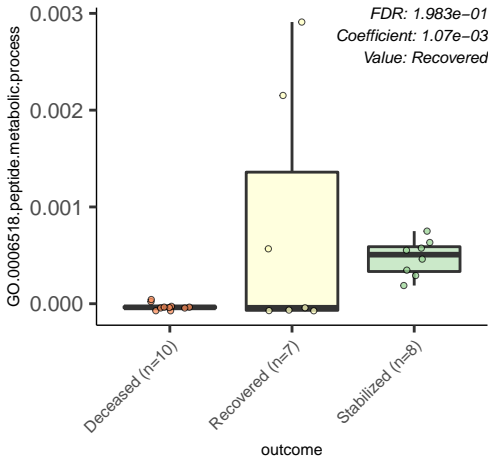
Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

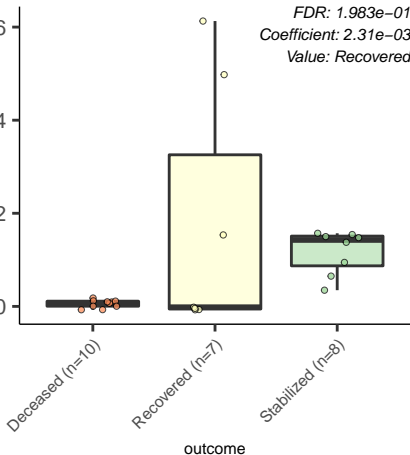
outcome

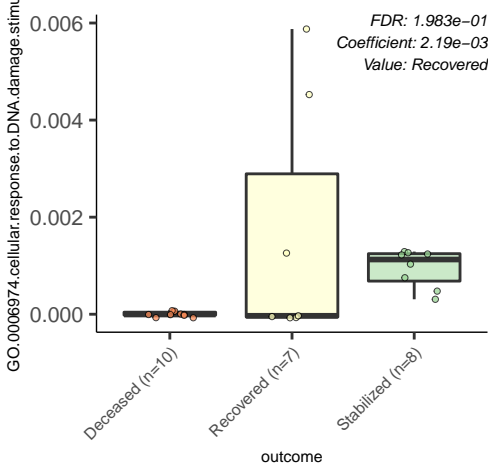


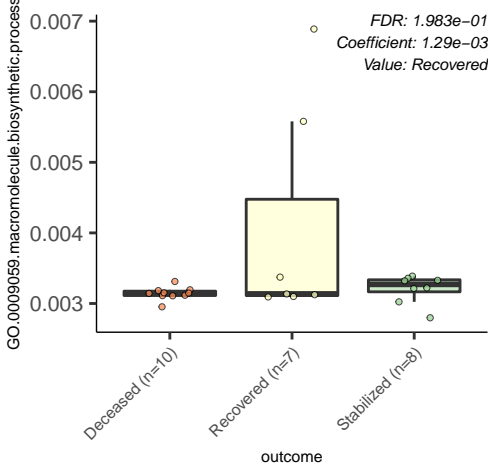


GO.0006950.response.to.stress

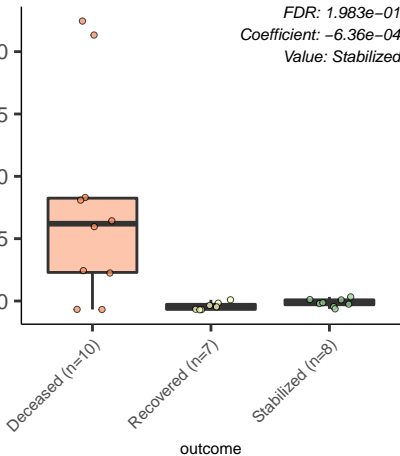
FDR: 1.983e-01
Coefficient: 2.31e-03
Value: Recovered



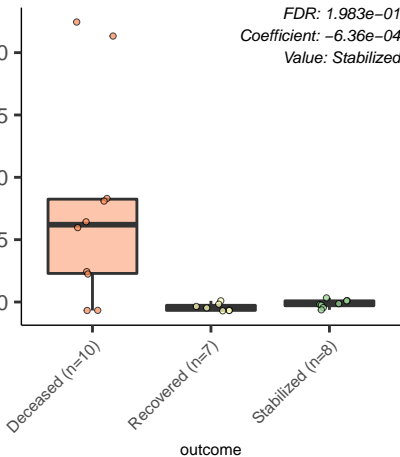




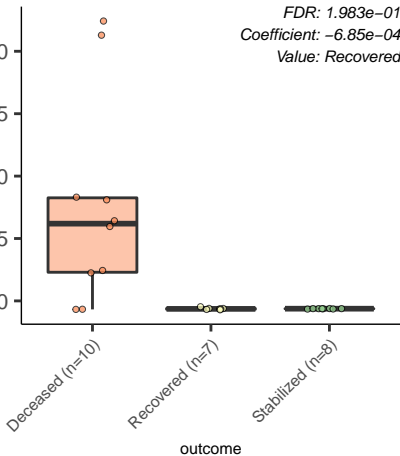
GO.0009129.pyrimidine.nucleoside.monophosphate.metabo



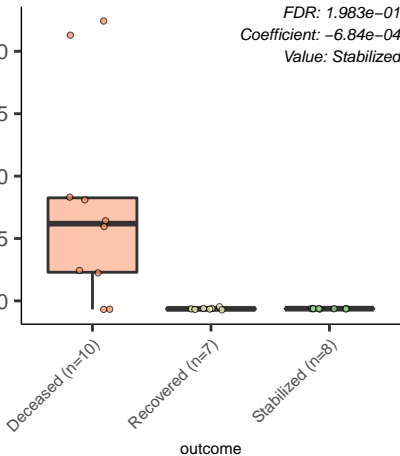
GO.0009130.pyrimidine.nucleoside.monophosphate.biosynth



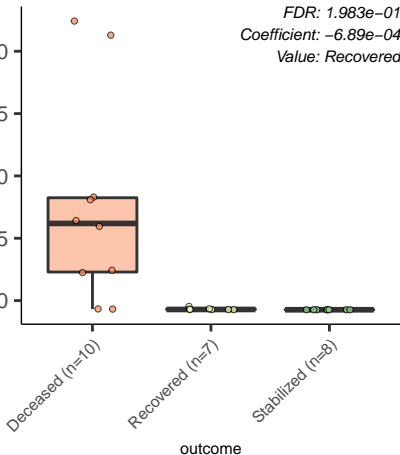
GO.0009143.nucleoside.triphosphate.catabolic.proc



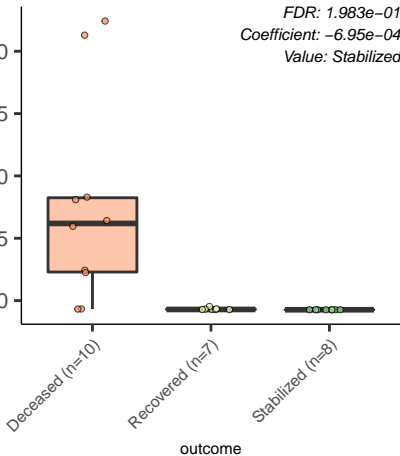
GO.0009143.nucleoside.triphosphate.catabolic.proc



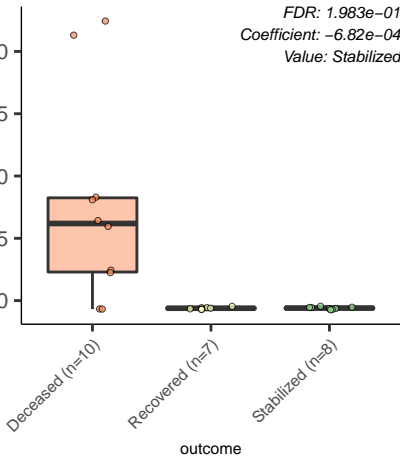
GO.0009149.pyrimidine.nucleoside.triphosphate.catabolic



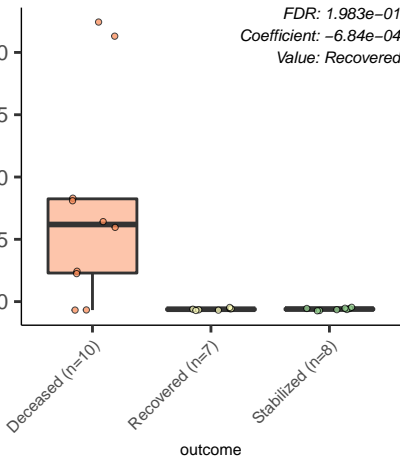
GO.0009149.pyrimidine.nucleoside.triphosphate.catabolic



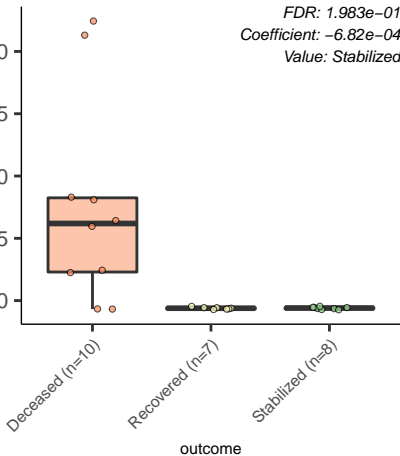
GO.0009157.deoxyribonucleoside.monophosphate.biosynthe

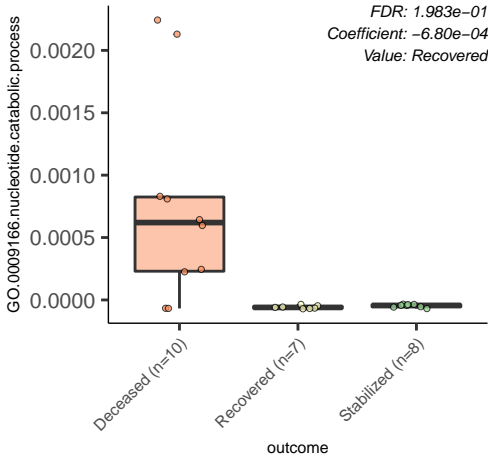


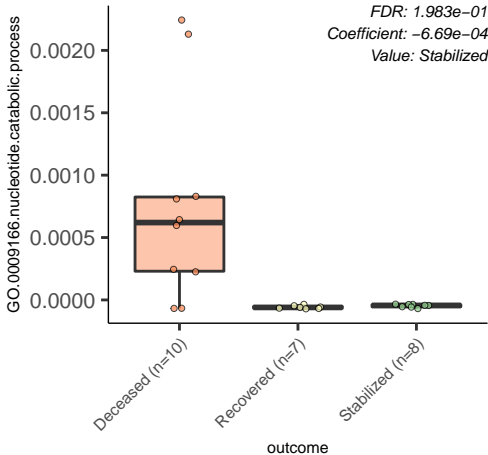
GO.0009162.deoxyribonucleoside.monophosphate.metabo



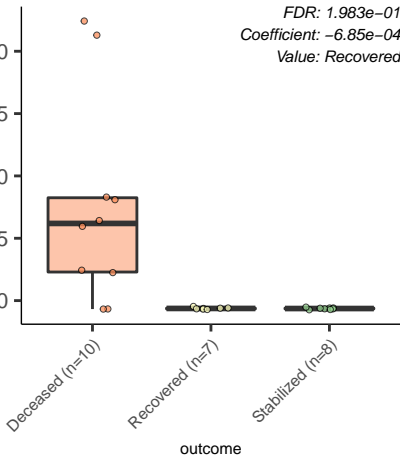
GO.0009162.deoxyribonucleoside.monophosphate.metabo



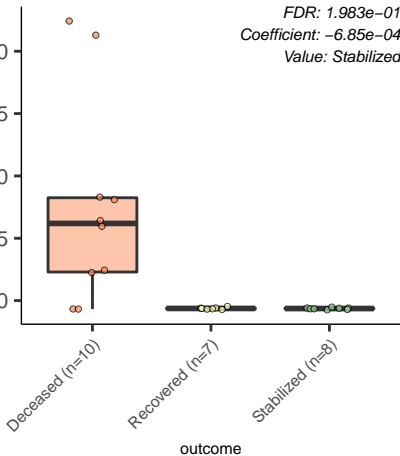




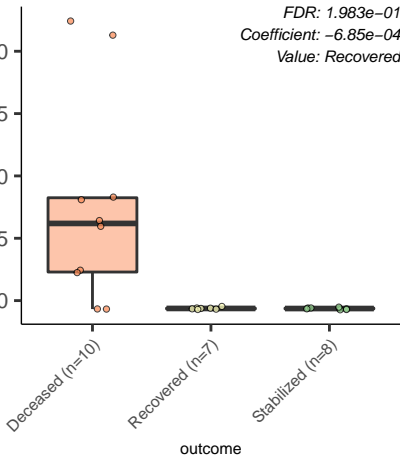
GO.0009176.pyrimidine.deoxyribonucleoside.monophosphate.m



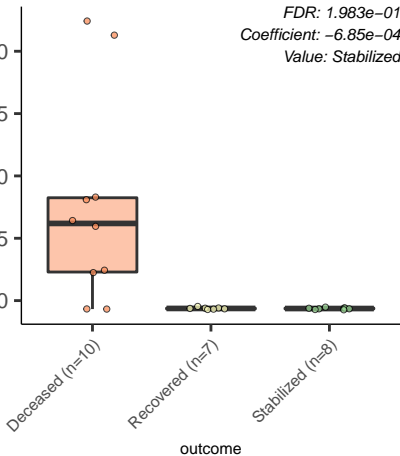
GO.0009176.pyrimidine.deoxyribonucleoside.monophosphate.m



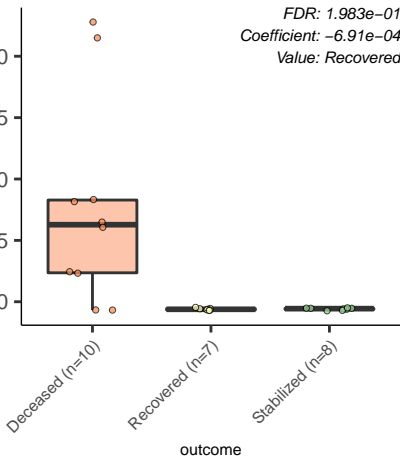
GO.0009177.pyrimidine.deoxyribonucleoside.monophosphate.bios



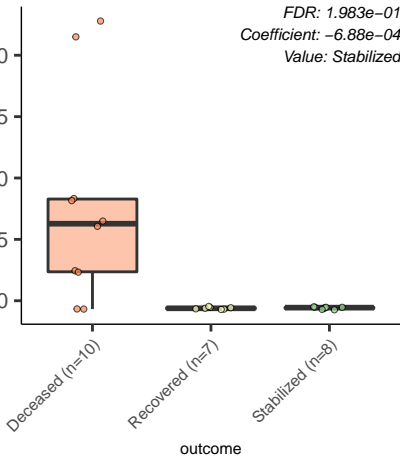
GO.0009177.pyrimidine.deoxyribonucleoside.monophosphate.bios

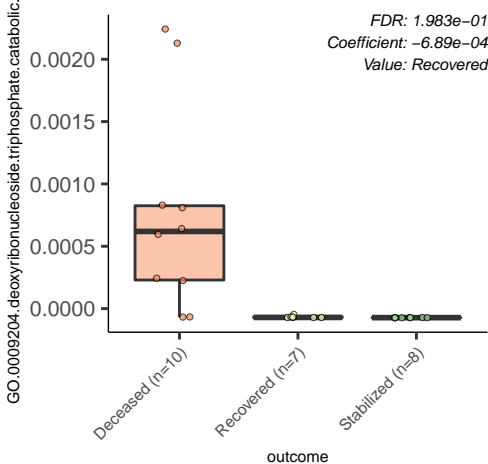


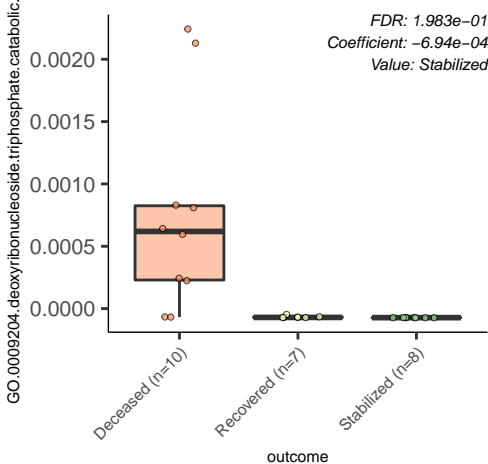
GO.0009200.deoxyribonucleoside.triphosphate.metabolic



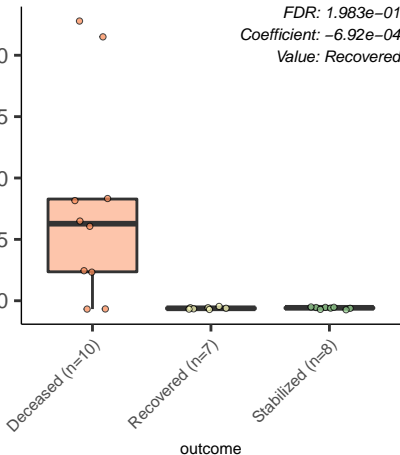
GO.0009200.deoxyribonucleoside.triphosphate.metabolic



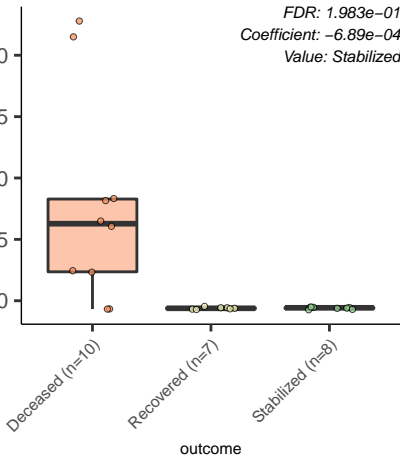




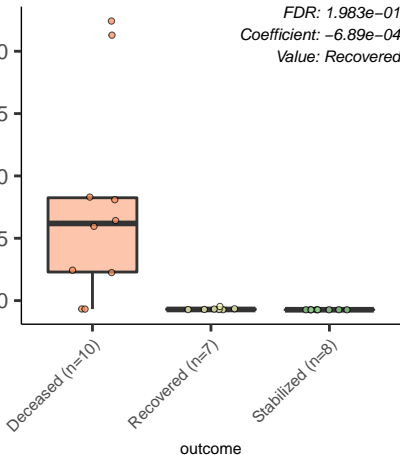
GO.0009211.pyrimidine.deoxyribonucleoside.triphosphate.meta



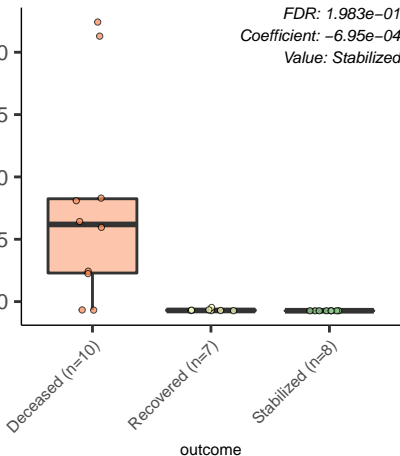
GO.0009211.pyrimidine.deoxyribonucleoside.triphosphate.meta



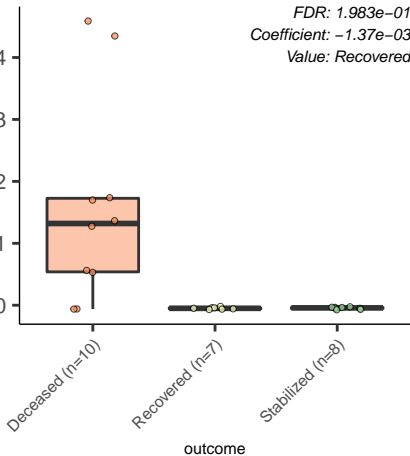
GO.0009213.pyrimidine.deoxyribonucleoside.triphosphate.cata



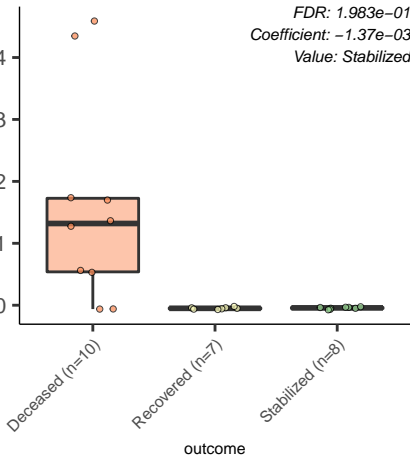
GO.0009213.pyrimidine.deoxyribonucleoside.triphosphate.cata



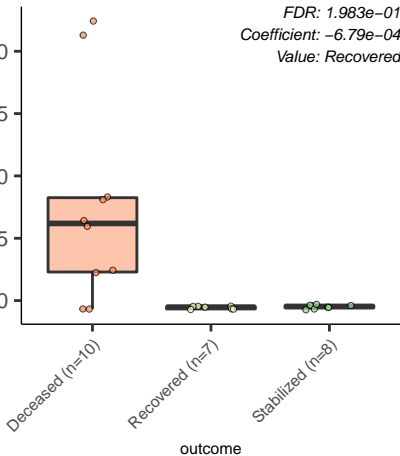
GO.0009219.pyrimidine.deoxyribonucleotide.metabolic.p



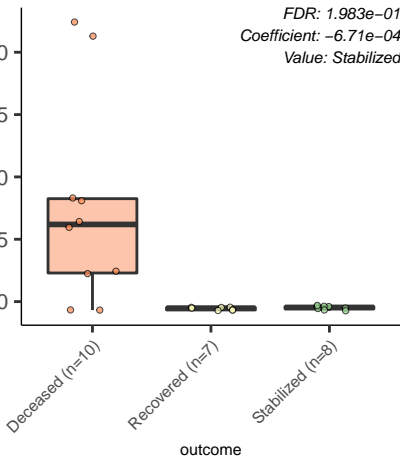
GO.0009219.pyrimidine.deoxyribonucleotide.metabolic.p



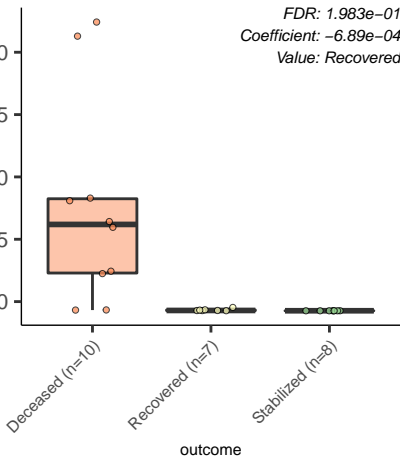
GO.0009221.pyrimidine.deoxyribonucleotide.biosynthetic



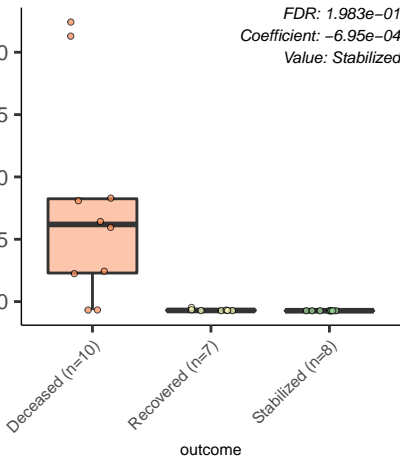
GO.0009221.pyrimidine.deoxyribonucleotide.biosynthetic



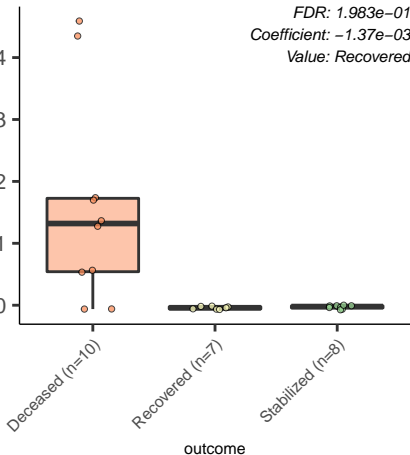
GO.0009223.pyrimidine.deoxyribonucleotide.catabolic.p



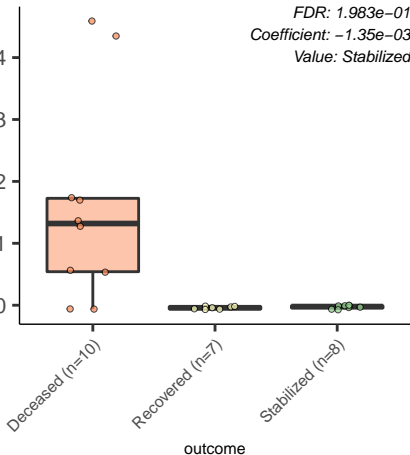
GO.0009223.pyrimidine.deoxyribonucleotide.catabolic.p



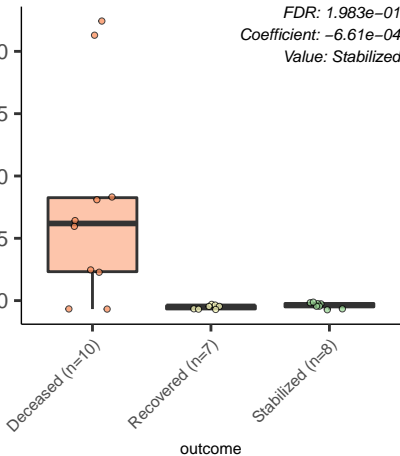
GO.0009262.deoxyribonucleotide.metabolic.process



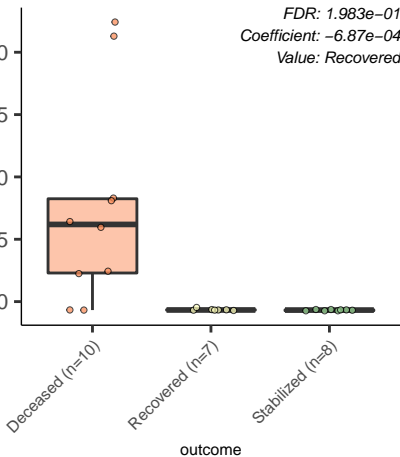
GO.0009262.deoxyribonucleotide.metalloproteinase



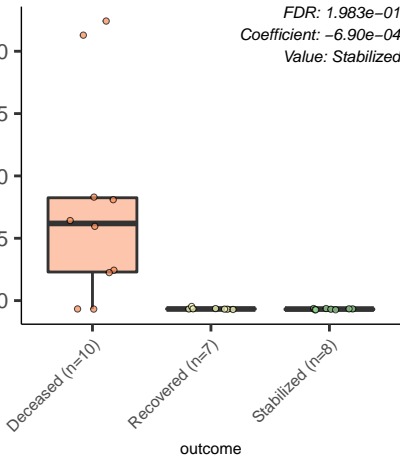
GO.0009263.deoxyribonucleotide.biosynthetic.proce



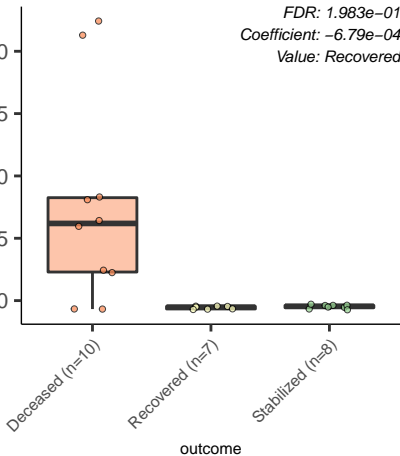
GO.0009264.deoxyribonucleotide.catabolic.process



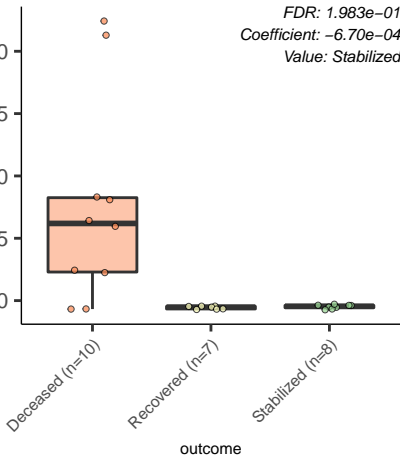
GO.0009264.deoxyribonucleotide.catabolic.proces



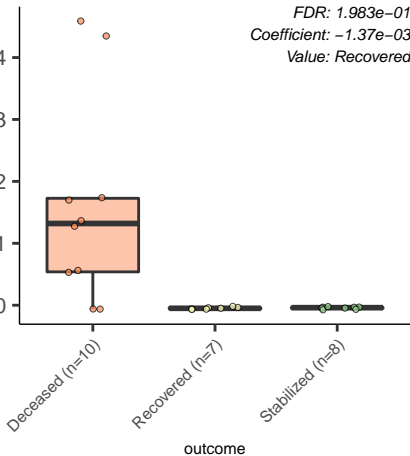
GO.0009265.2.deoxyribonucleotide.biosynthetic.pro



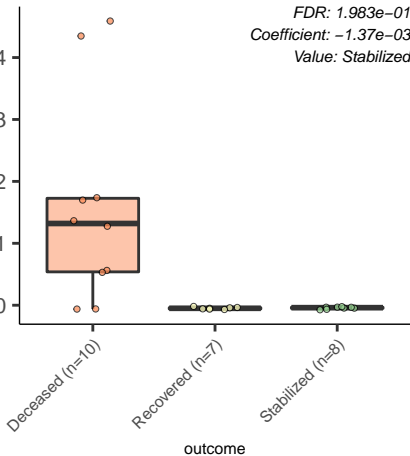
GO.0009265.2.deoxyribonucleotide.biosynthetic.pro

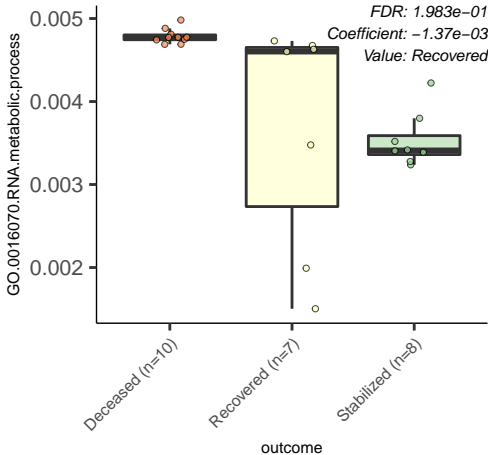


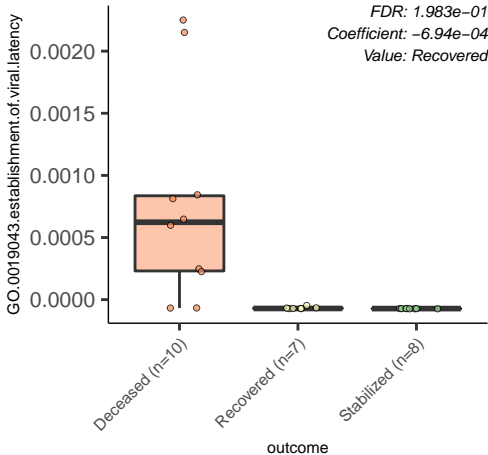
GO.0009394.2.deoxyribonucleotide.metallic.proce

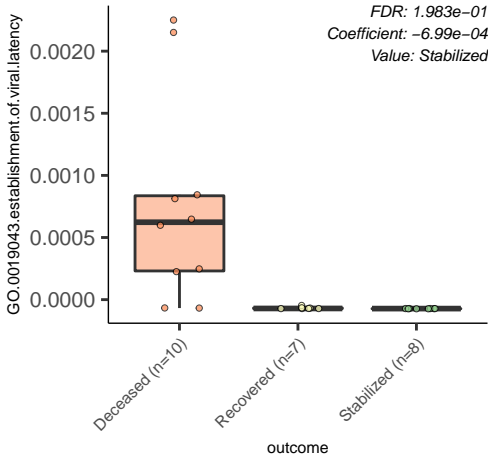


GO.0009394.2.deoxyribonucleotide.metalloprotease

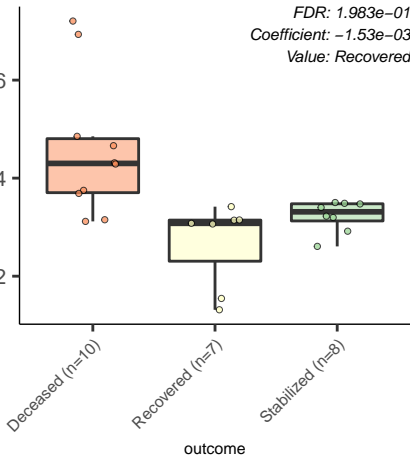




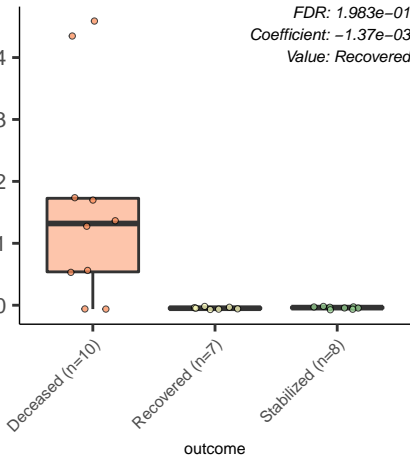




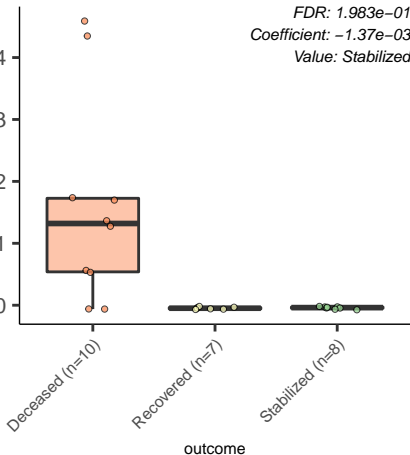
GO.0019438.aromatic.compound.biosynthetic.proce

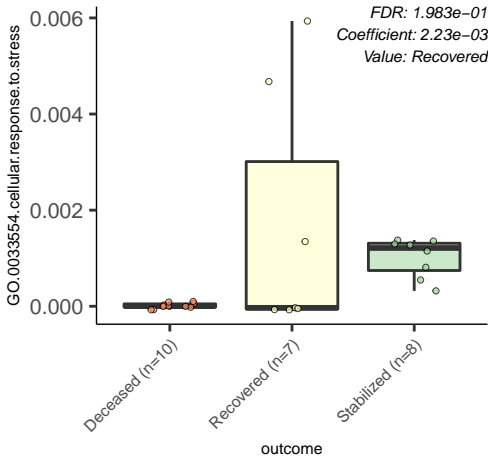


GO.0019692.deoxyribose.phosphate.metabolic.proc



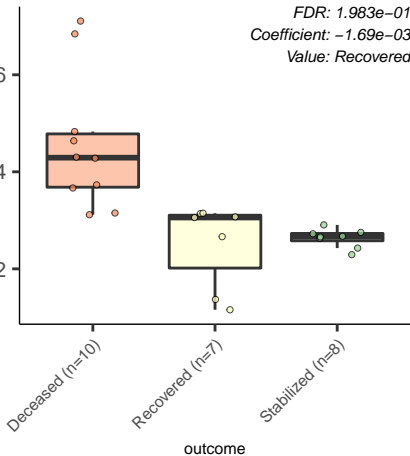
GO.0019692.deoxyribose.phosphate.metabolic.proc



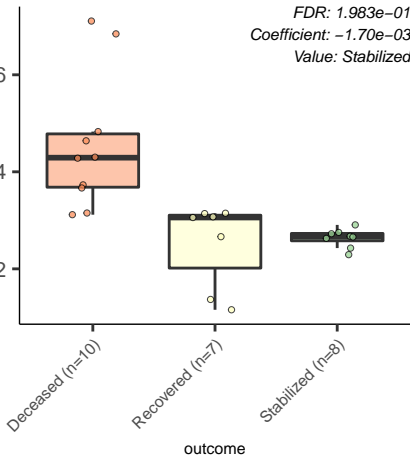


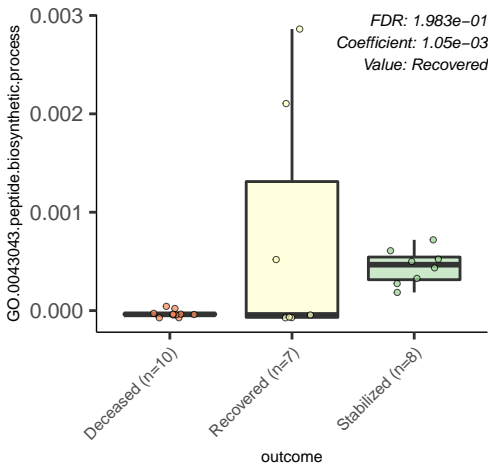
GO.0034654.nucleobase.containing.compound.biosynthetic

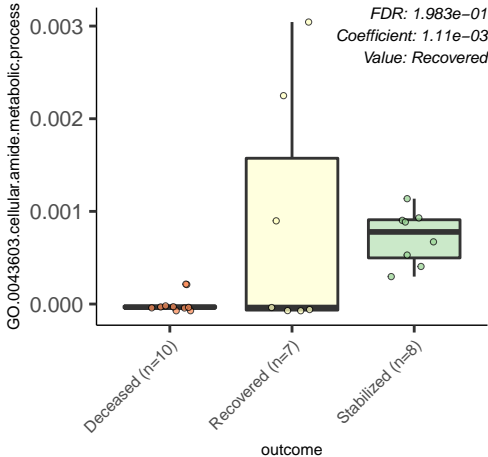
FDR: 1.983e-01
Coefficient: -1.69e-03
Value: Recovered

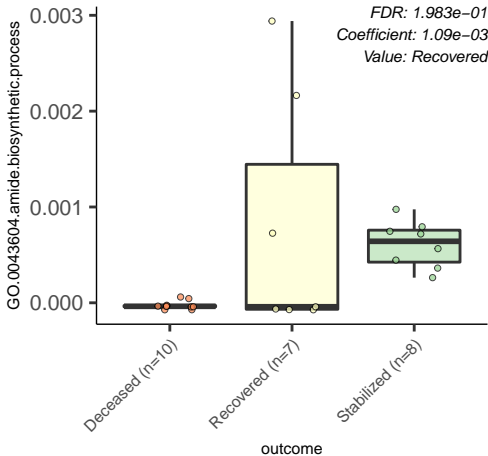


GO.0034654.nucleobase.containing.compound.biosynthetic

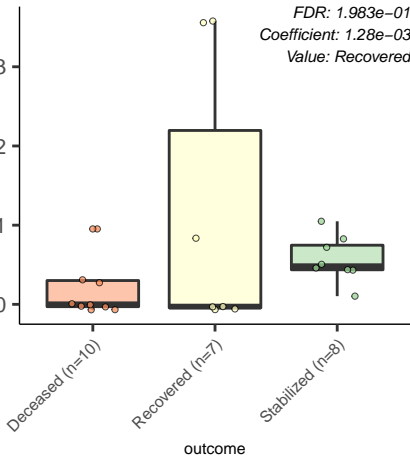




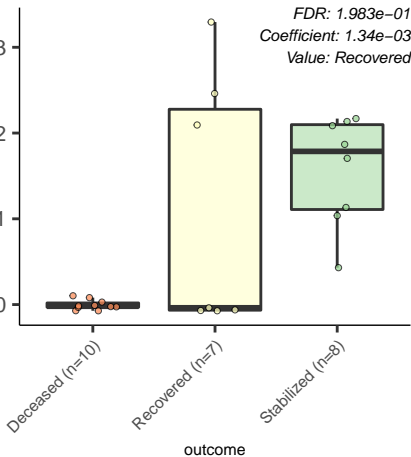




GO.0044262.cellular.carbohydrate.metabolic.proce

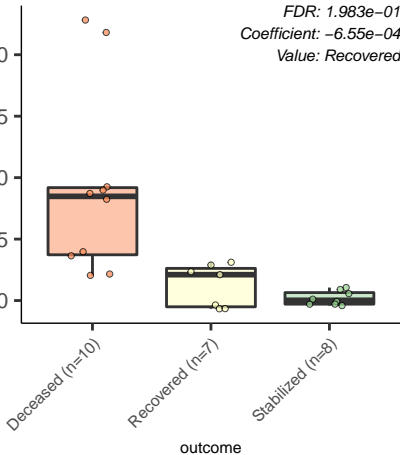


GO.0044267.cellular.protein.metabolic.process



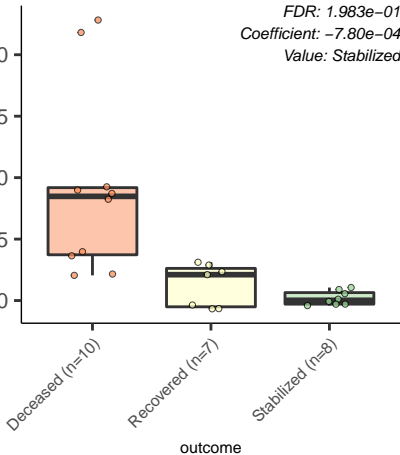
GO.0044409.entry.into.host

FDR: 1.983e-01
Coefficient: -6.55e-04
Value: Recovered



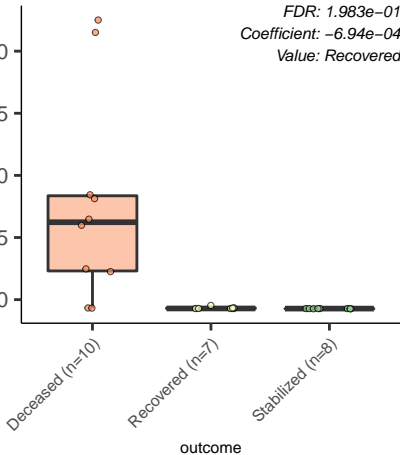
GO.0044409.entry.into.host

FDR: 1.983e-01
Coefficient: -7.80e-04
Value: Stabilized



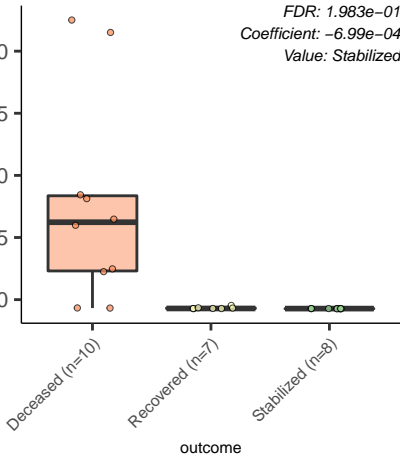
GO.0044826.viral.genome.integration.into.host.DN

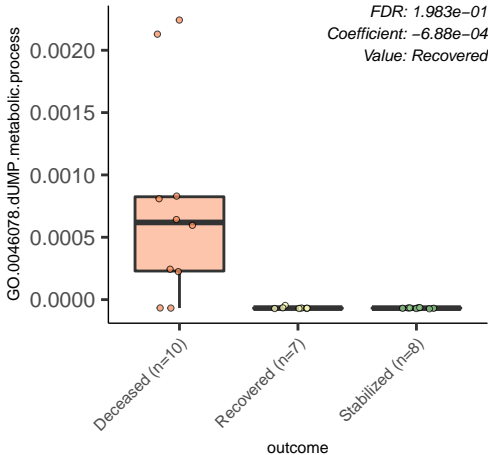
FDR: 1.983e-01
Coefficient: -6.94e-04
Value: Recovered

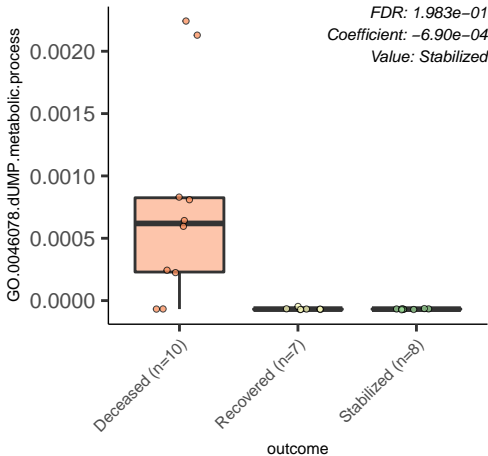


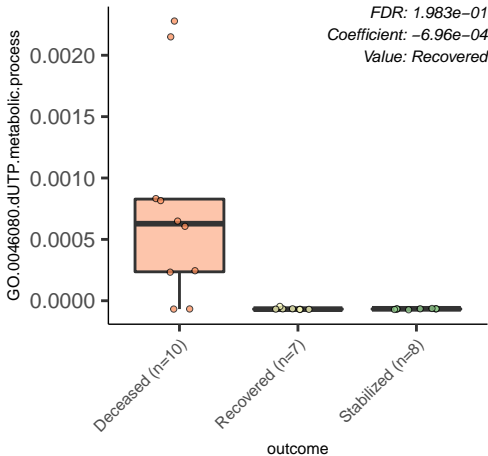
GO.0044826.viral.genome.integration.into.host.DN

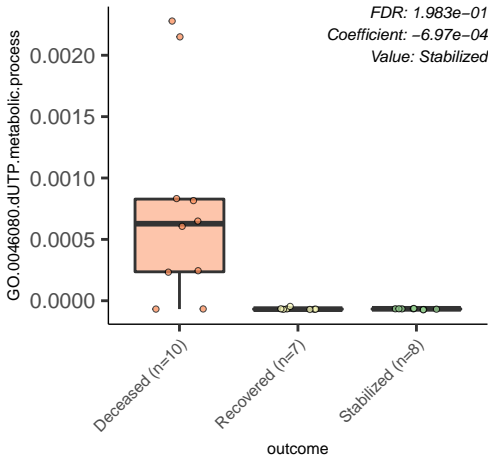
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Coefficient: -6.99e-04
Value: Stabilized

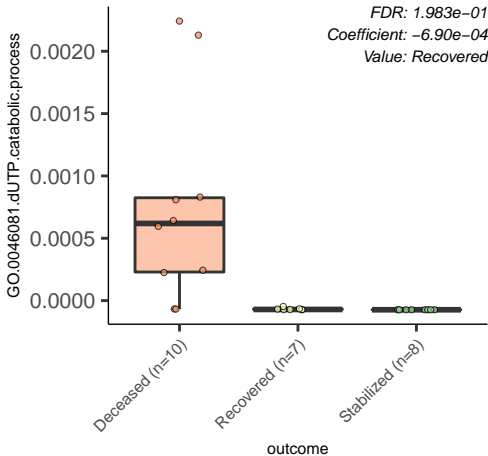


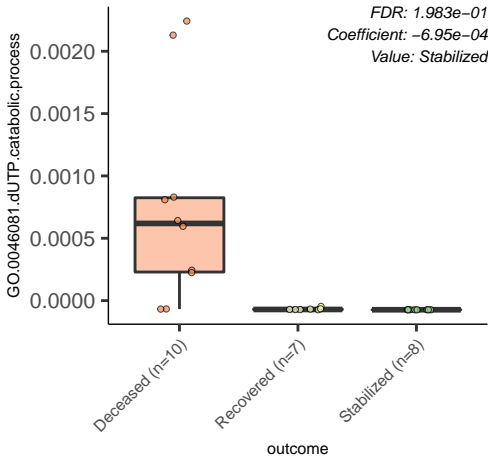




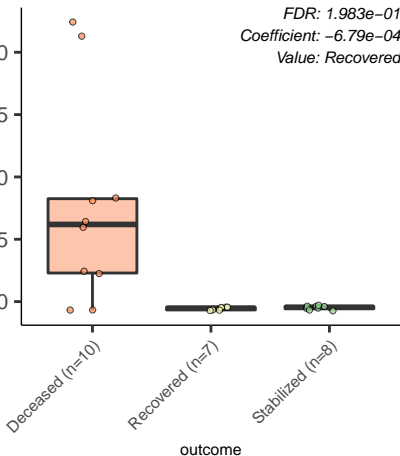






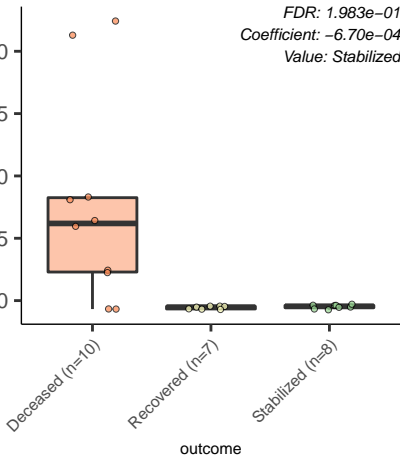


GO.0046385.deoxyribose.phosphate.biosynthetic.pro

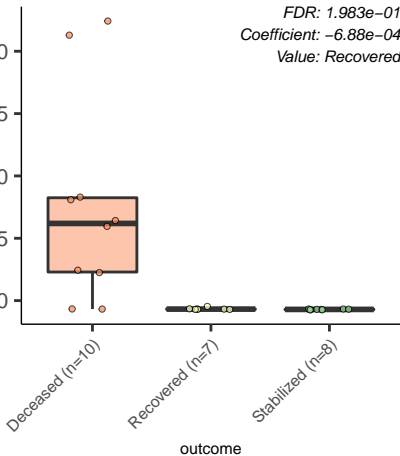


GO.0046385.deoxyribose.phosphate.biosynthetic.pro

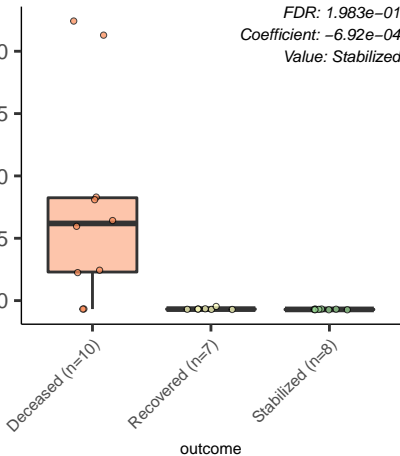
FDR: 1.983e-01
Coefficient: -6.70e-04
Value: Stabilized



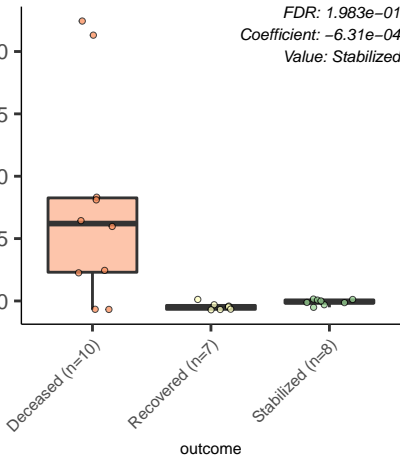
GO.0046386.deoxyribose.phosphate.catabolic.proce

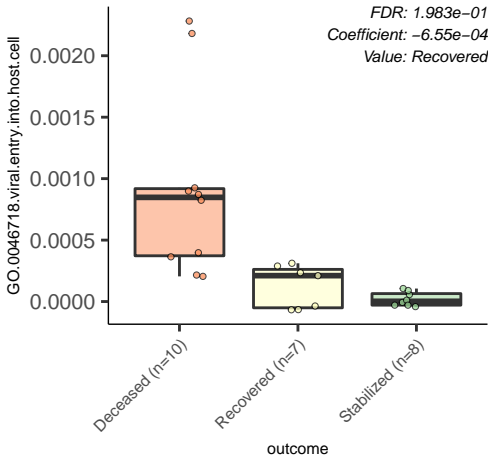


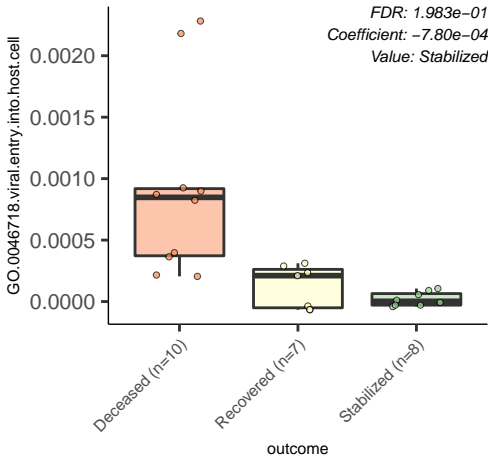
GO.0046386.deoxyribose.phosphate.catabolic.proce

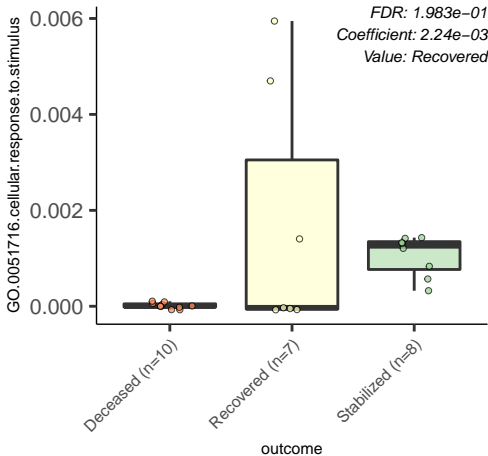


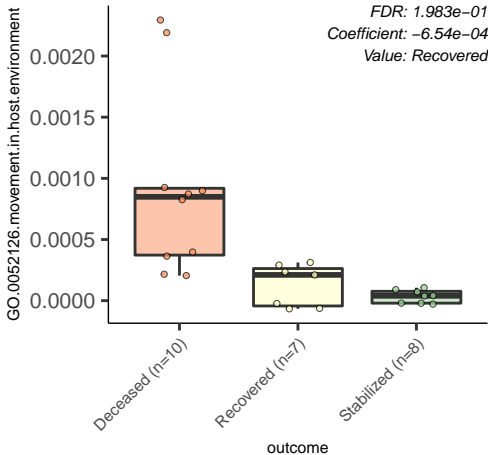
GO.0046434.organophosphate.catabolic.process

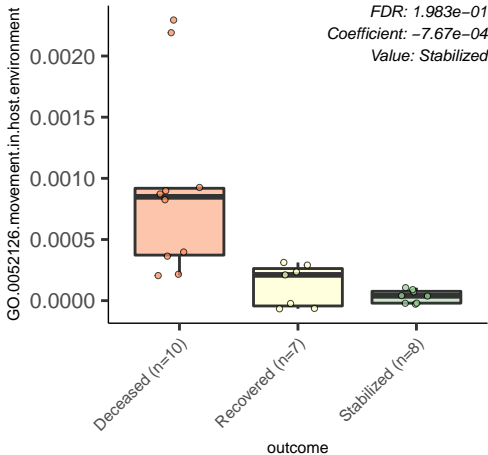




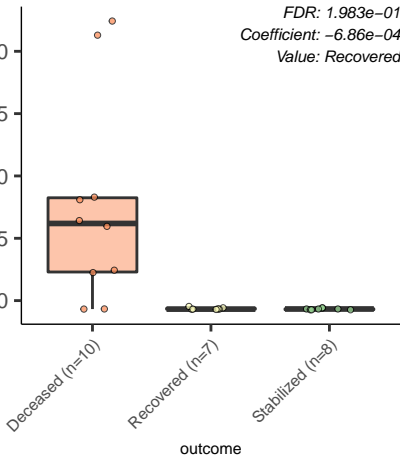




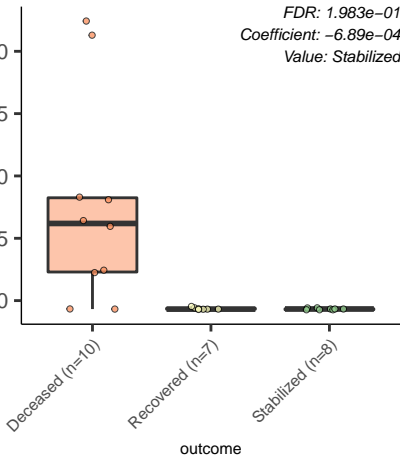




GO.0072529.pyrimidine.containing.compound.catabolic.p

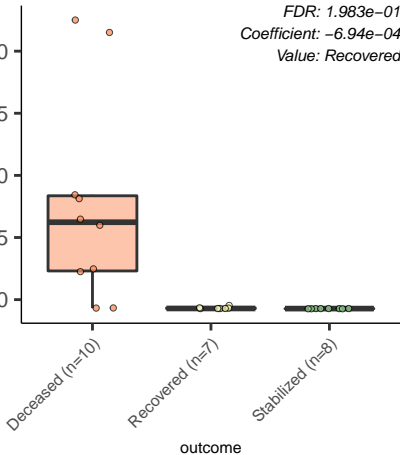


GO.0072529.pyrimidine.containing.compound.catabolic.p

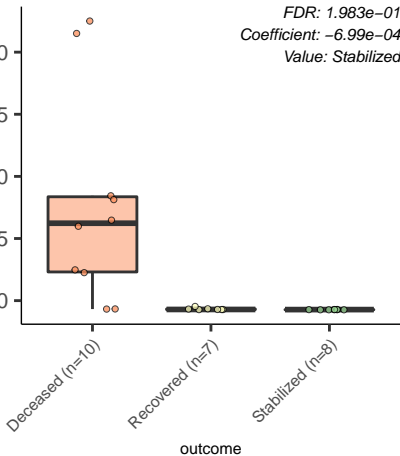


GO.0075713.establishment.of.integrated.proviral.late

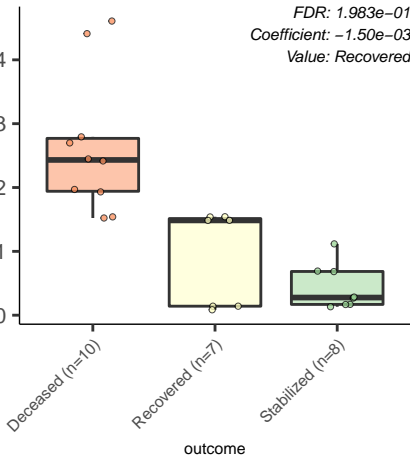
FDR: $1.983e-01$
Coefficient: $-6.94e-04$
Value: Recovered



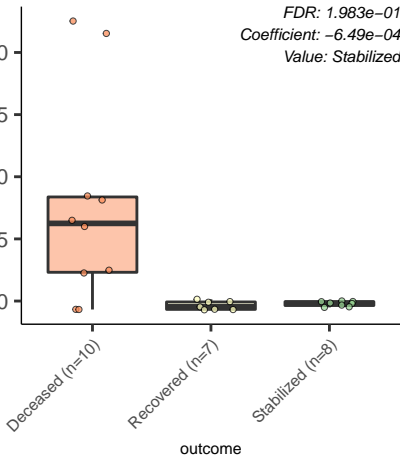
GO.0075713.establishment.of.integrated.proviral.late



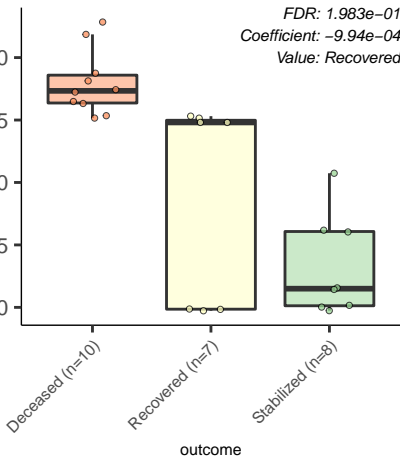
GO.0090501.RNA.phosphodiester.bond.hydrolysis



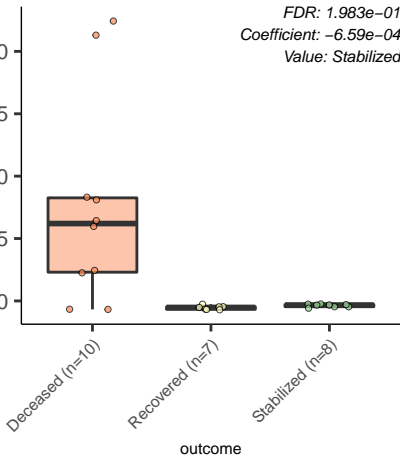
GO.0090502.RNA.phosphodiester.bond.hydrolysis..endon

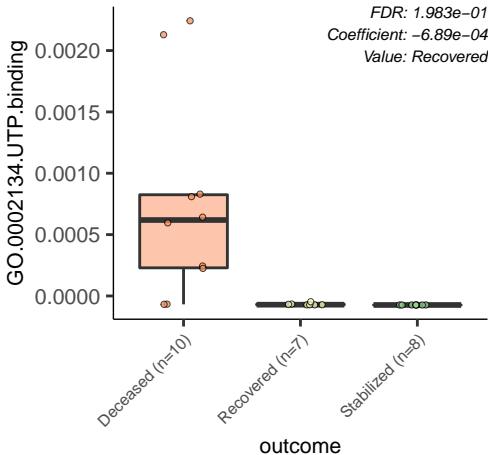


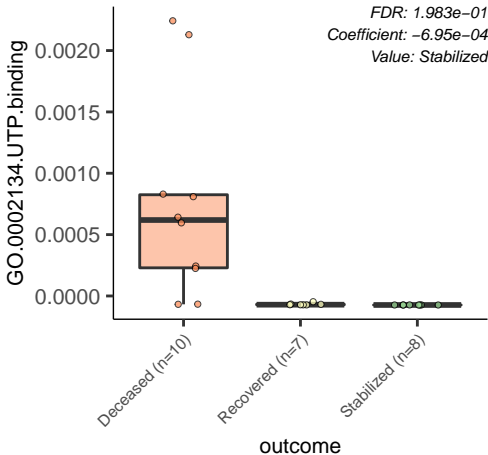
GO.0090503.RNA.phosphodiester.bond.hydrolysis..exonu

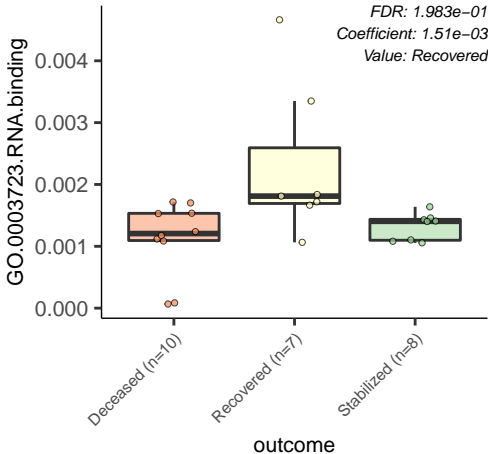


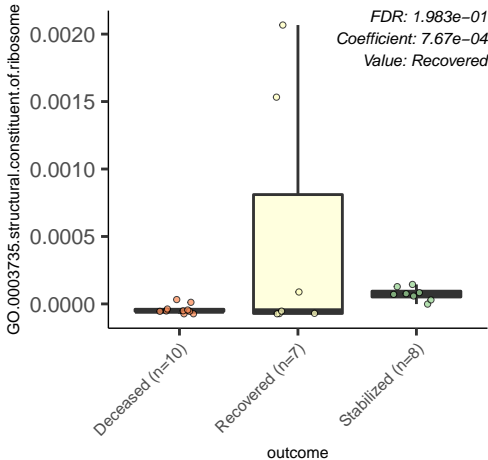
GO.1901292.nucleoside.phosphate.catabolic.proce



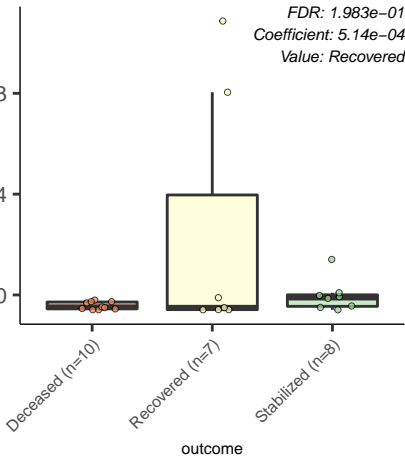




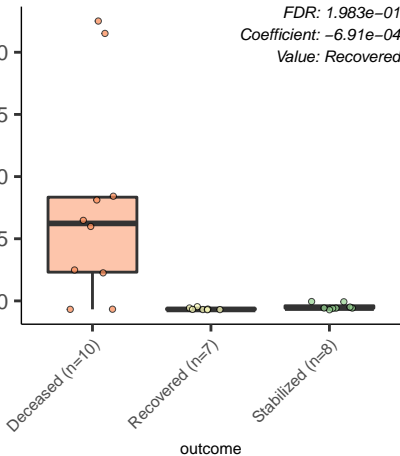




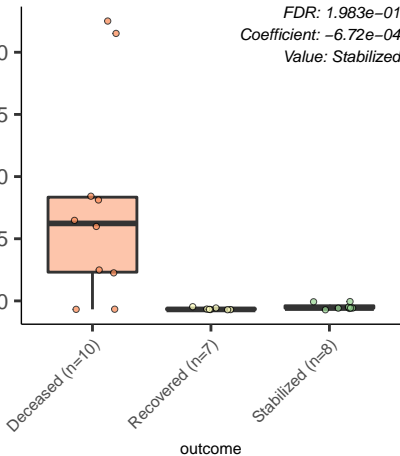
GO.0003960.NADPH.quinone.reductase.activity

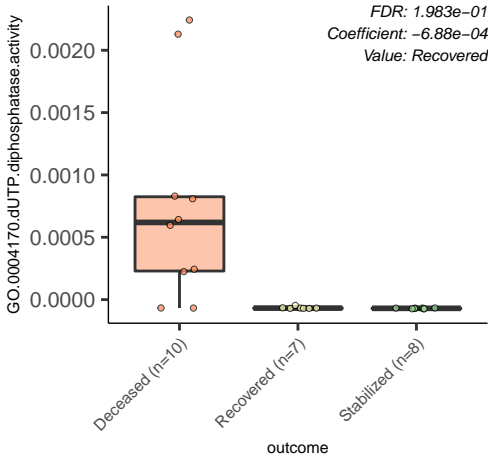


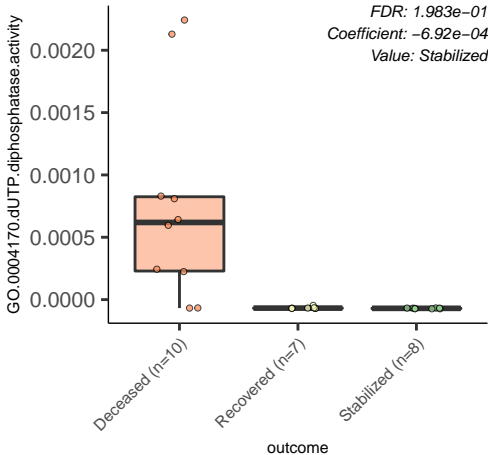
GO.0003964.RNA.directed.DNA.polymerase.activi

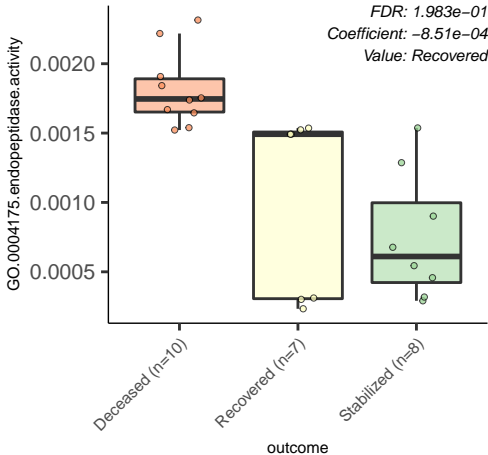


GO.0003964.RNA.directed.DNA.polymerase.activi

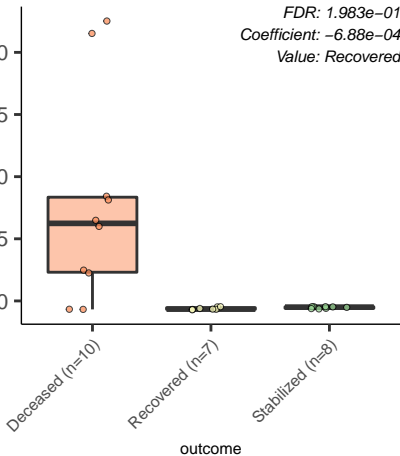






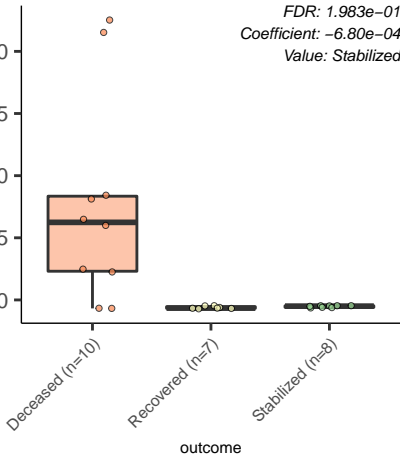


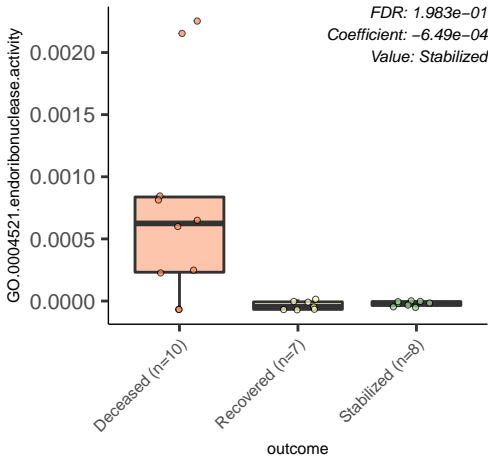
GO.0004190.aspartic.type.endopeptidase.activity



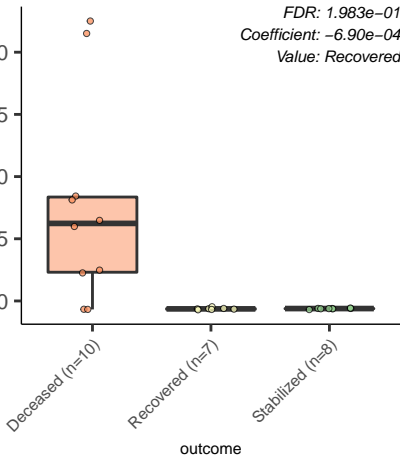
GO.0004190.aspartic.type.endopeptidase.activity

FDR: 1.983e-01
Coefficient: -6.80e-04
Value: Stabilized

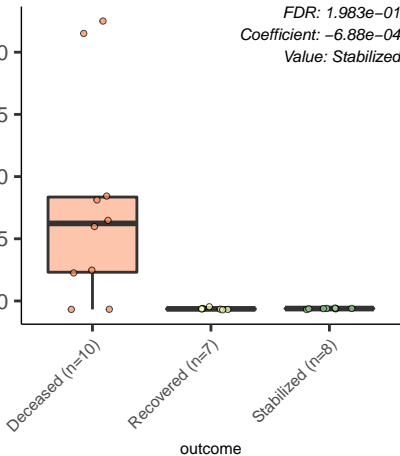


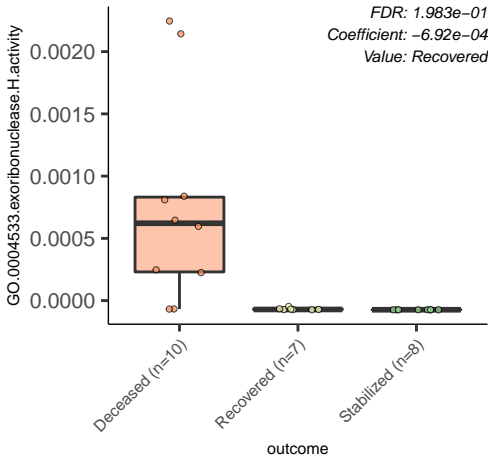


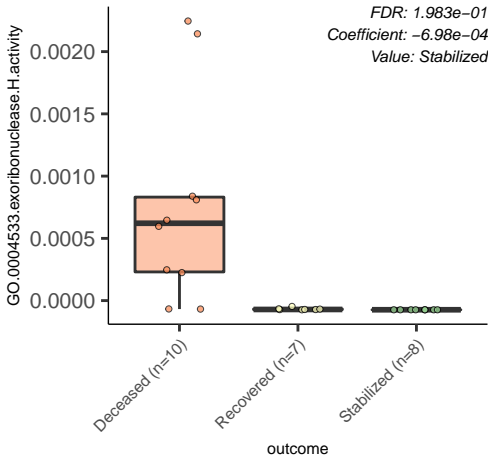
GO.0004523.RNA.DNA.hybrid.ribonuclease.activit



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

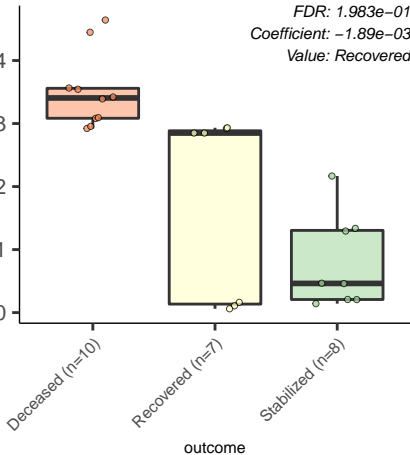


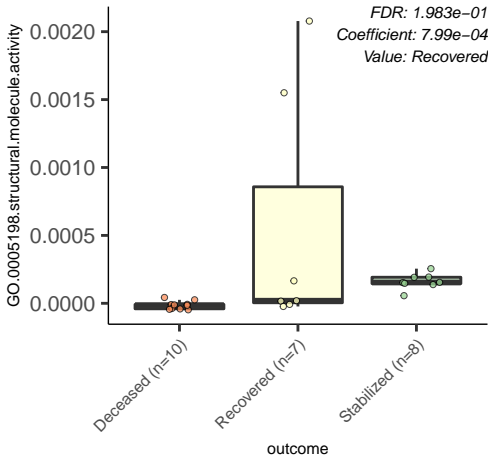




GO.0004540.ribonuclease.activity

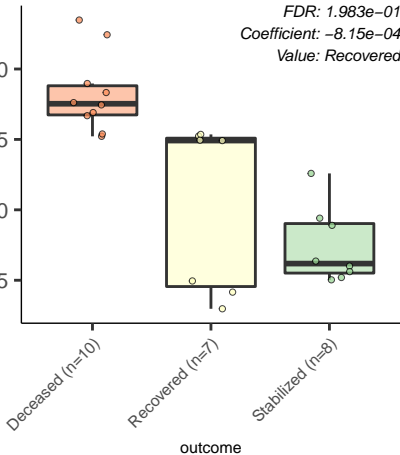
FDR: 1.983e-01
Coefficient: -1.89e-03
Value: Recovered



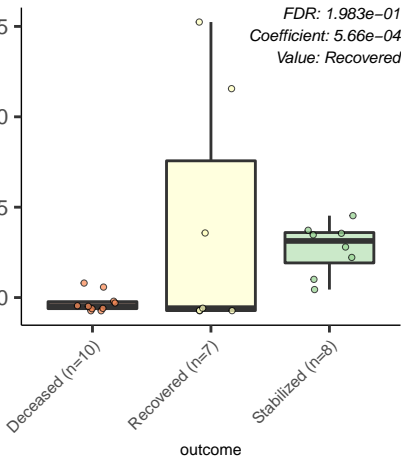


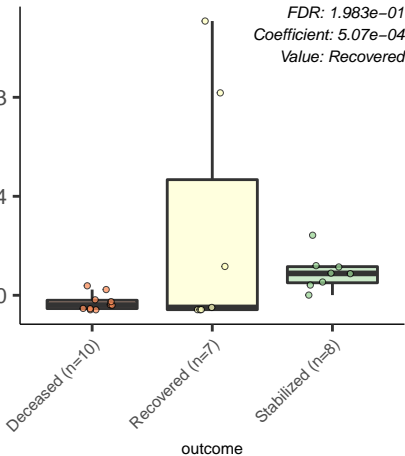
GO.0008270.zinc.ion.binding

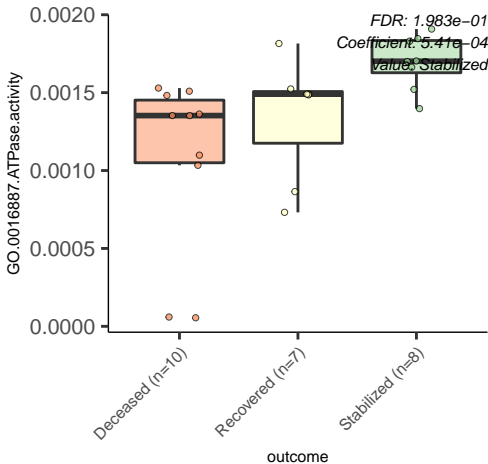
FDR: 1.983e-01
Coefficient: -8.15e-04
Value: Recovered



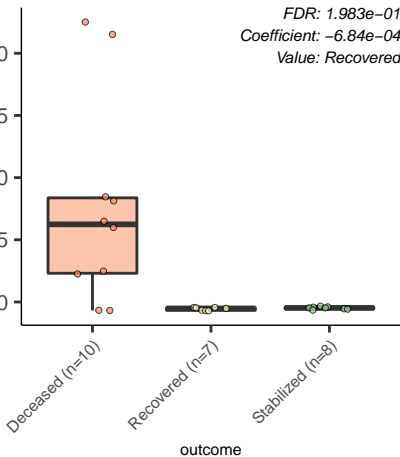
GO.0016651.oxidoreductase.activity.acting.on.NAD.



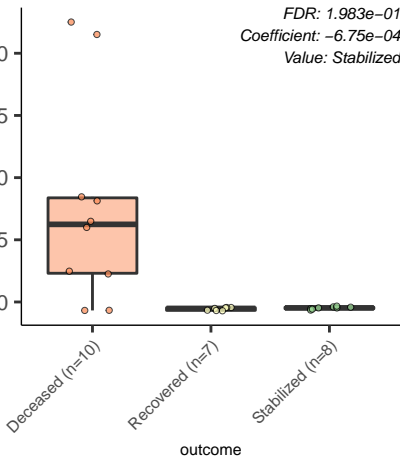




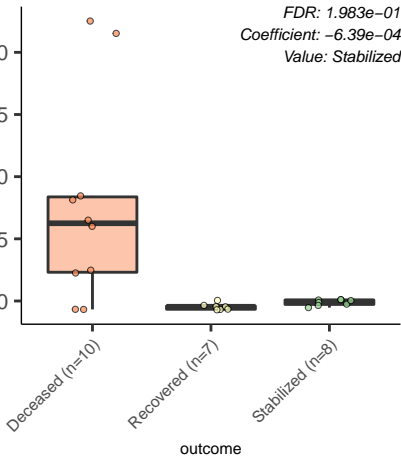
GO.0016891.endoribonuclease.activity..producing.5.phospho

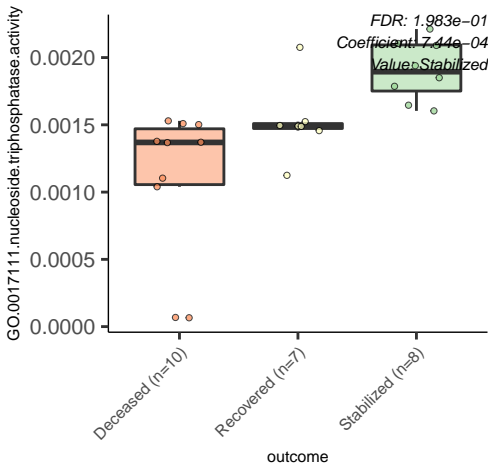


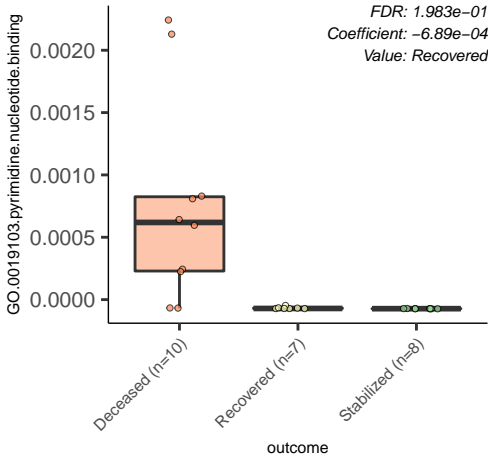
GO.0016891.endoribonuclease.activity..producing.5.phospho

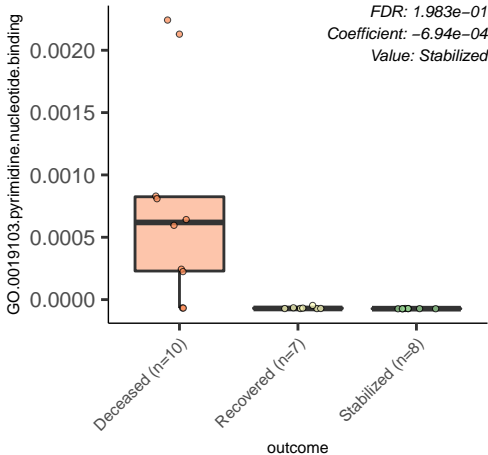


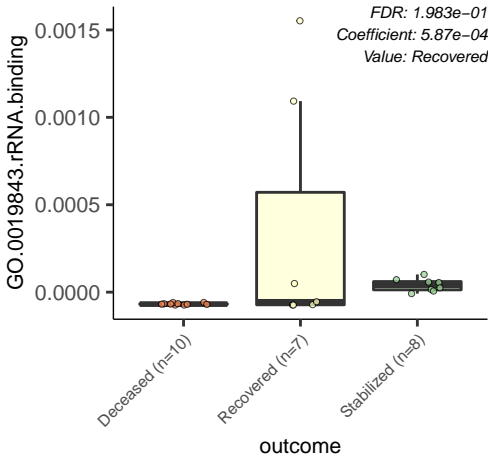
onuclease.activity..active.with.either.ribo...or.deoxyribonucleic.acids.a

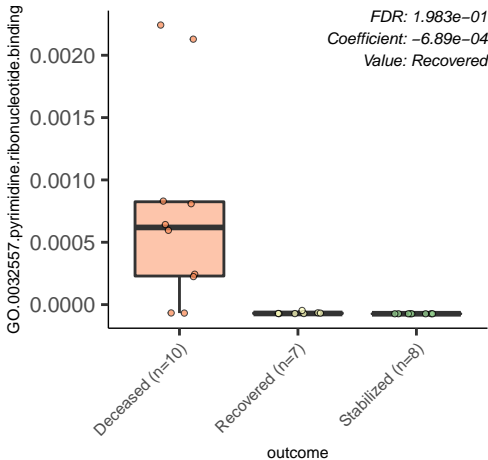


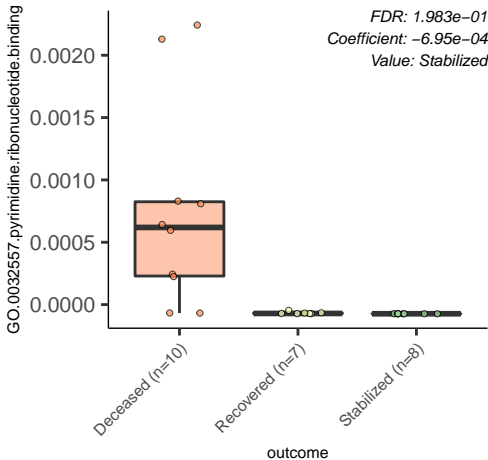


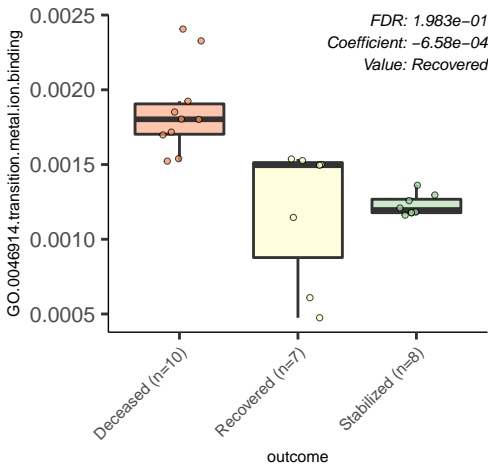










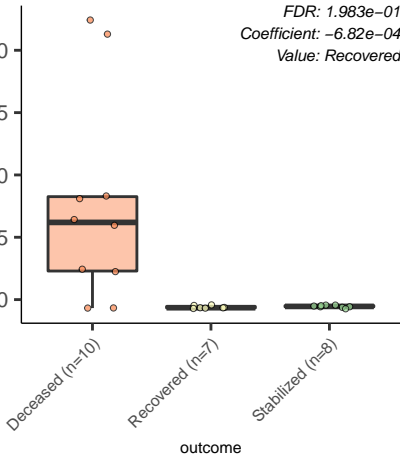


GO.0047429.nucleoside.triphosphate.diphosphatase.a

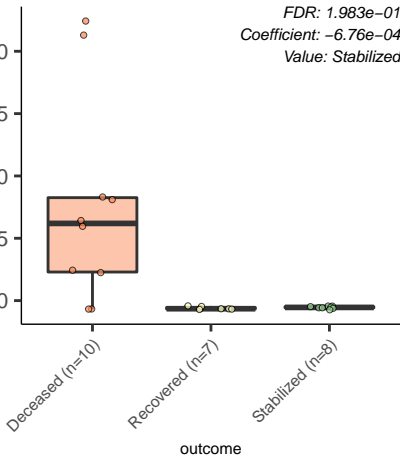
FDR: 1.983e-01

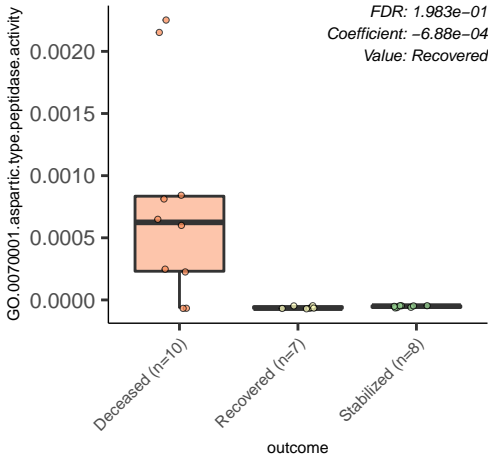
Coefficient: $-6.82e-04$

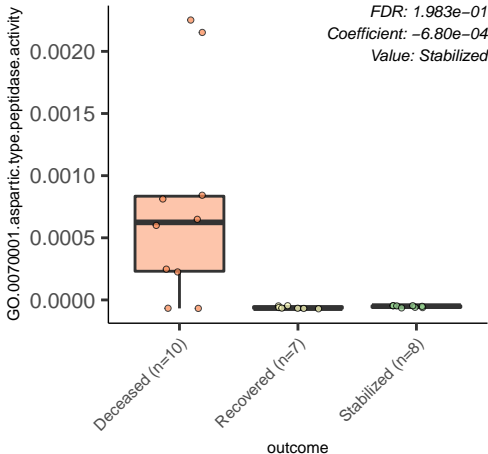
Value: Recovered

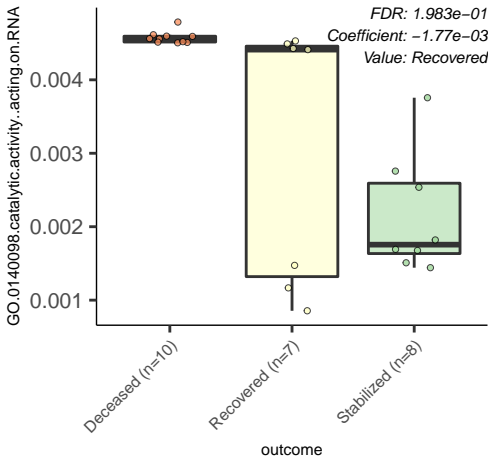


GO.0047429.nucleoside.triphosphate.diphosphatase.a

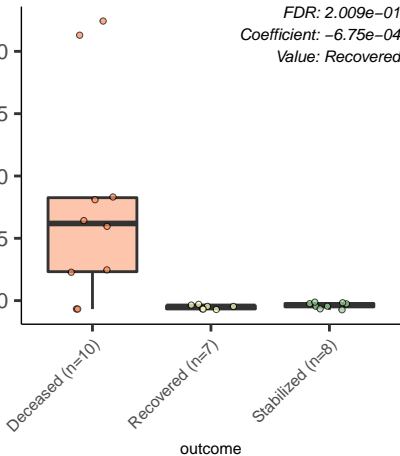




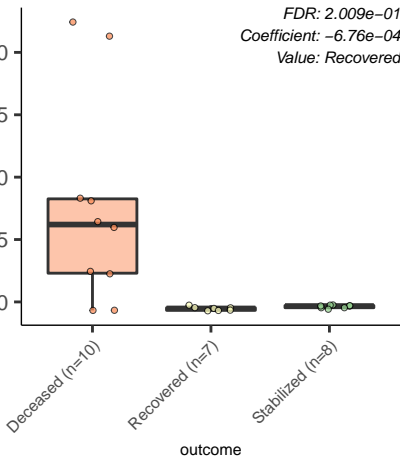




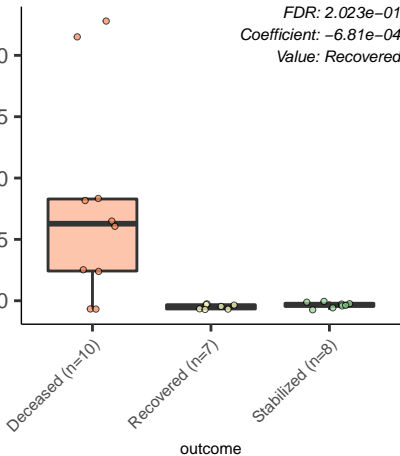
GO.0009263.deoxyribonucleotide.biosynthetic.proce



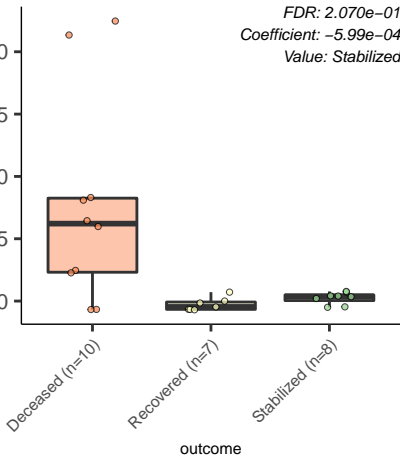
GO.1901292.nucleoside.phosphate.catabolic.proce



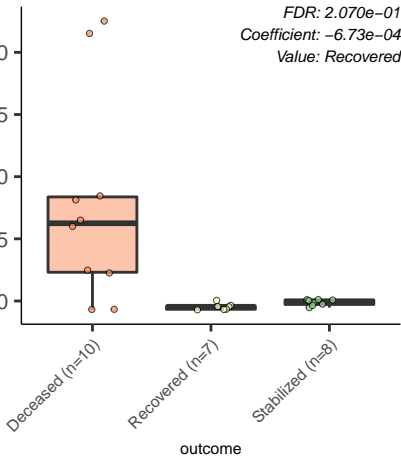
GO.0009147.pyrimidine.nucleoside.triphosphate.metabolic



GO.1901136.carbohydrate.derivative.catabolic.proce

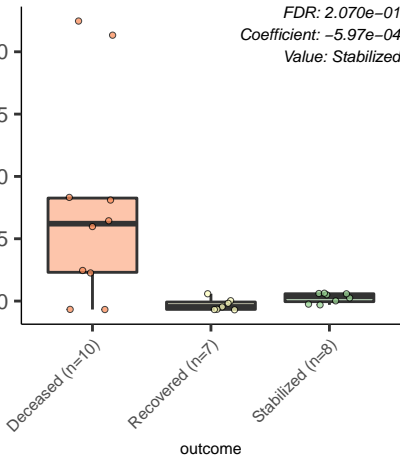


onuclease.activity..active.with.either.ribo...or.deoxyribonucleic.acids.a

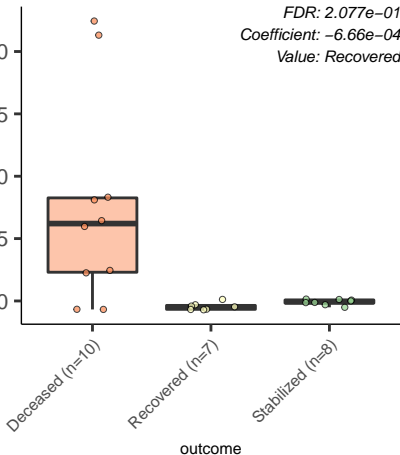


GO.0034404.nucleobase.containing.small.molecule.biosynth

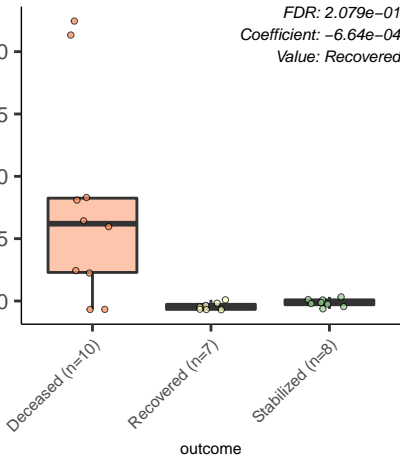
FDR: 2.070e-01
Coefficient: -5.97e-04
Value: Stabilized



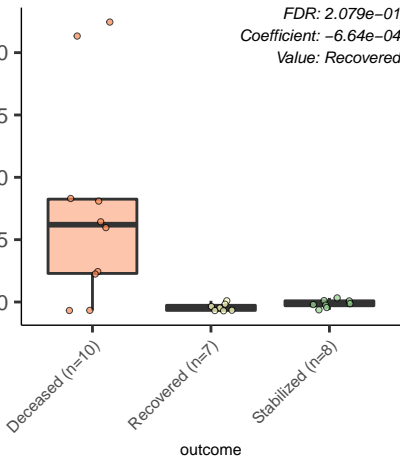
GO.0046434.organophosphate.catabolic.process



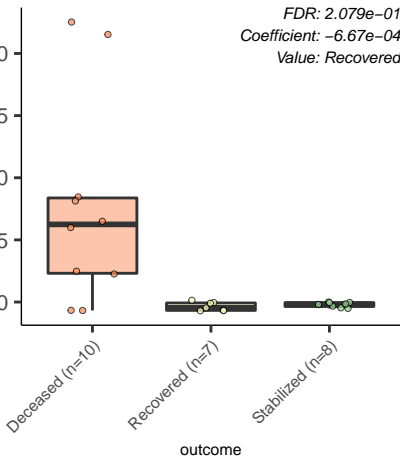
GO.0009129.pyrimidine.nucleoside.monophosphate.metabo

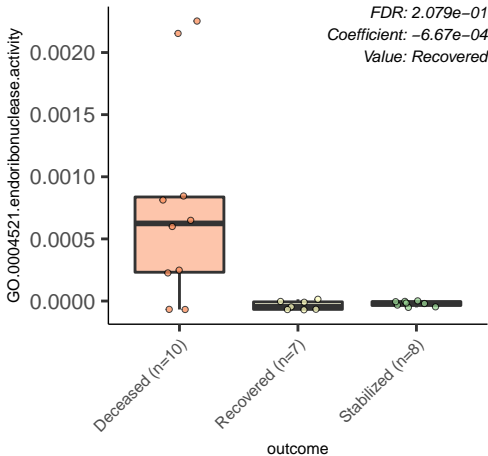


GO.0009130.pyrimidine.nucleoside.monophosphate.biosynth



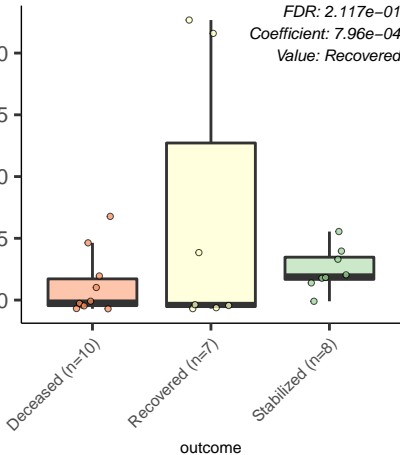
GO.0090502.RNA.phosphodiester.bond.hydrolysis..endon



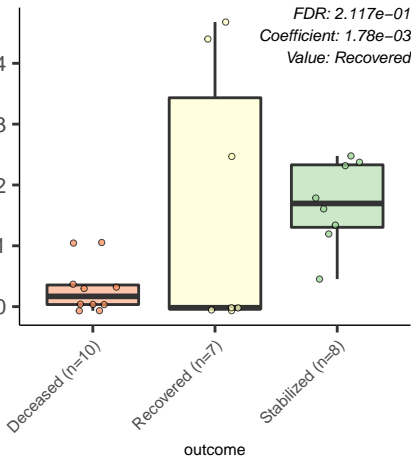


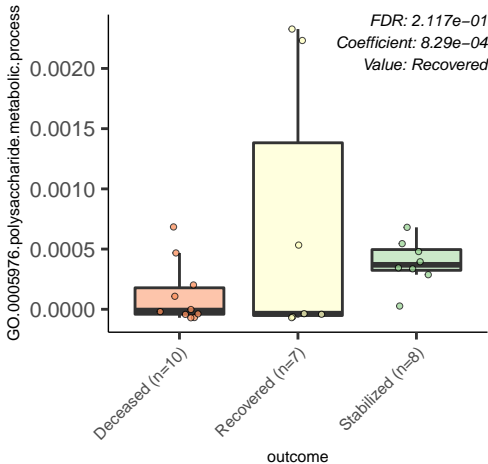
GO.0000271.polysaccharide.biosynthetic.process

FDR: 2.117e-01
Coefficient: 7.96e-04
Value: Recovered

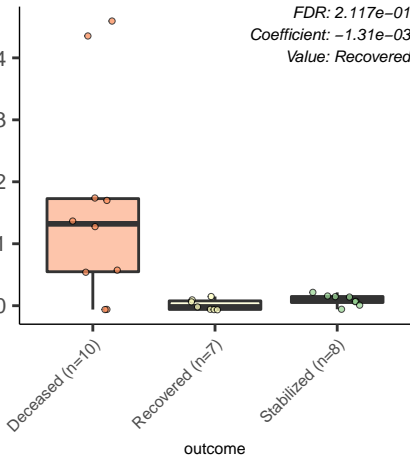


GO.0005975.carbohydrate.metabolic.process



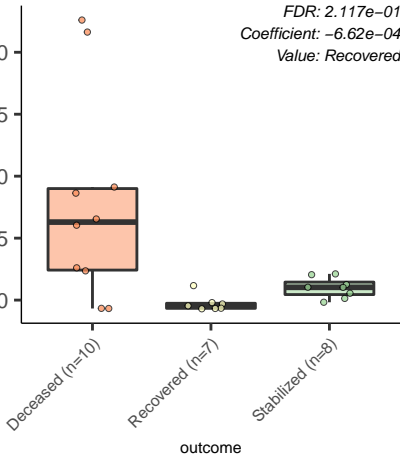


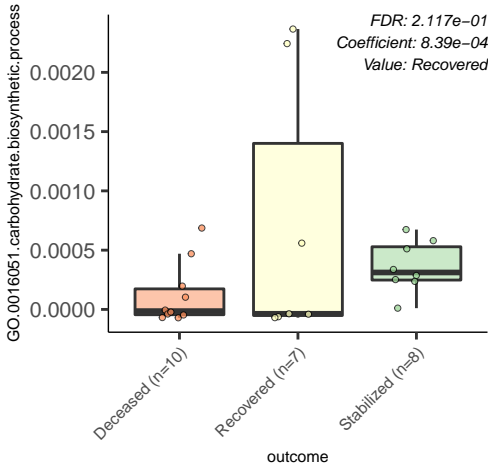
GO.0006220.pyrimidine.nucleotide.metabolic.proce



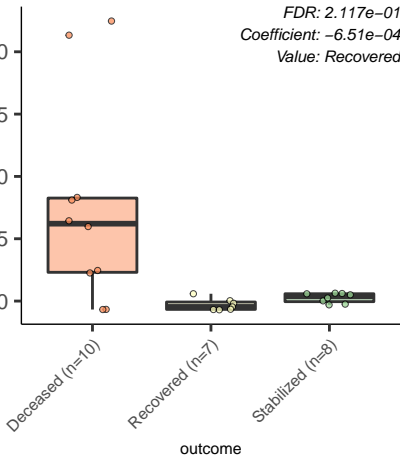
GO.0015074.DNA.integration

FDR: 2.117e-01
Coefficient: -6.62e-04
Value: Recovered

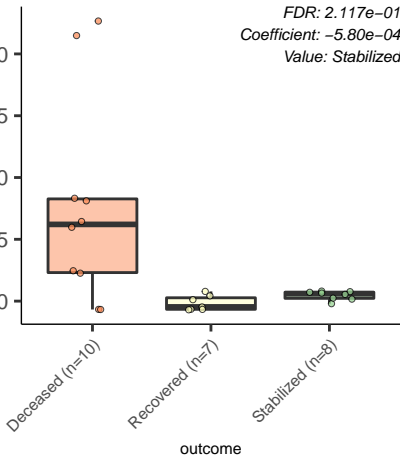




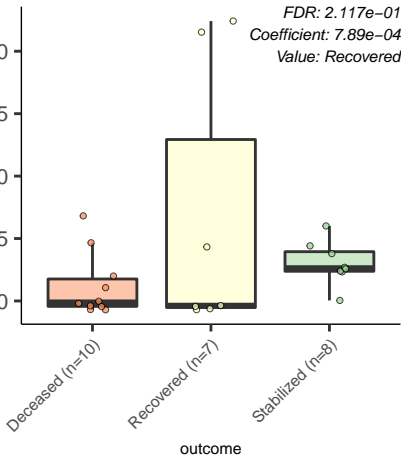
GO.0034404.nucleobase.containing.small.molecule.biosynth



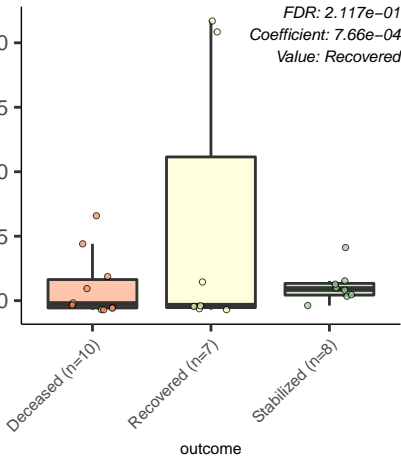
GO.0034655.nucleobase.containing.compound.catabolic



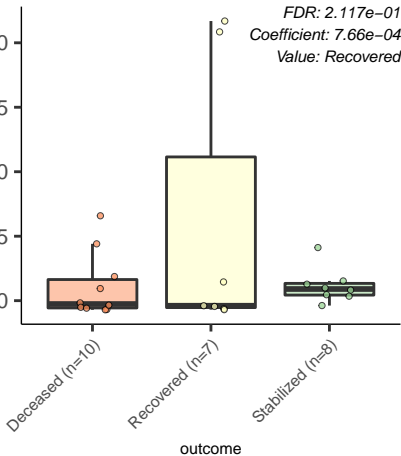
GO.0044264.cellular.polysaccharide.metallic.produc



GO.0045226.extracellular.polysaccharide.biosynthetic.p

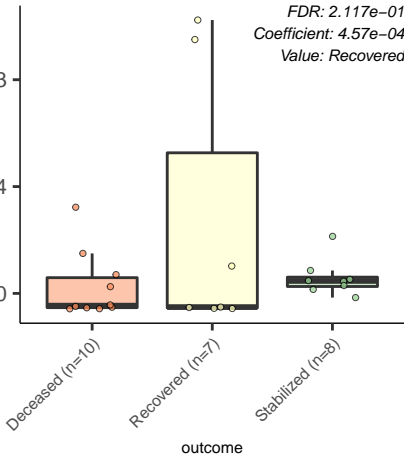


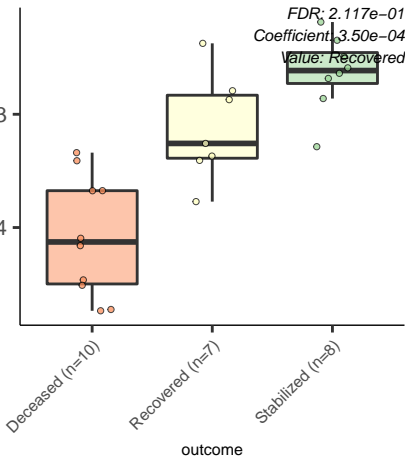
GO.0046379.extracellular.polysaccharide.metalloproteinase



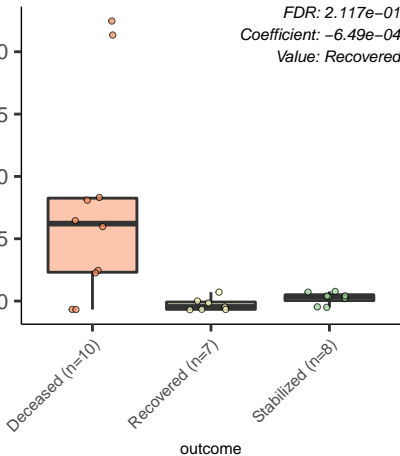
GO.0046835.carbohydrate.phosphorylation

FDR: 2.117e-01
Coefficient: 4.57e-04
Value: Recovered

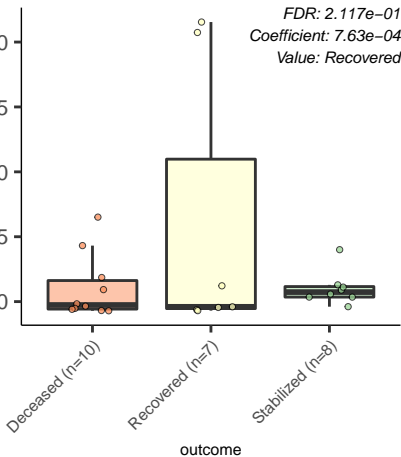




GO.1901136.carbohydrate.derivative.catabolic.proce

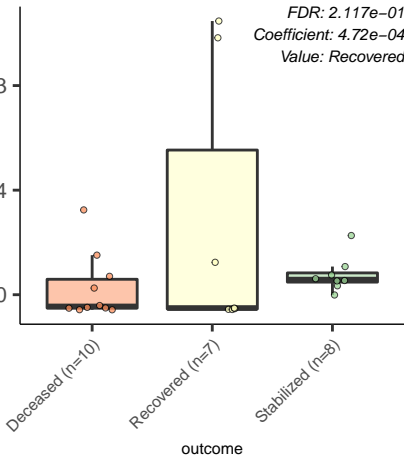


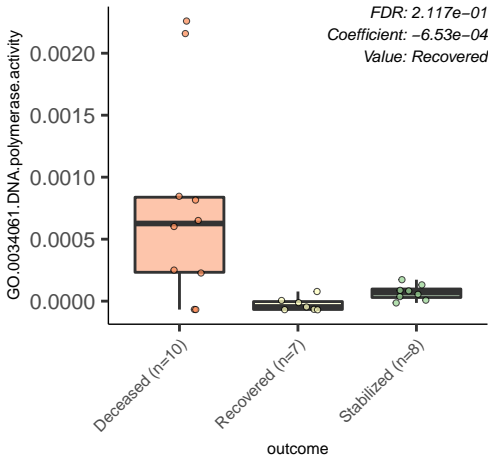
GO.0008879.glucose.1.phosphate.thymidyltransferase



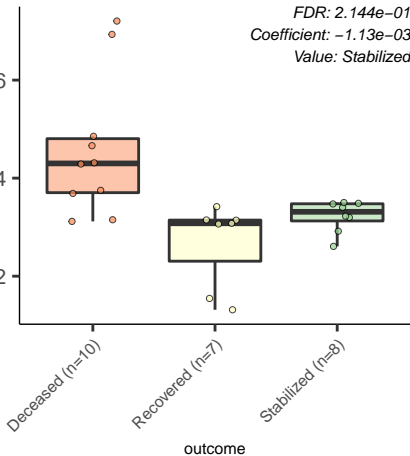
GO.0019200.carbohydrate.kinase.activity

FDR: 2.117e-01
Coefficient: 4.72e-04
Value: Recovered

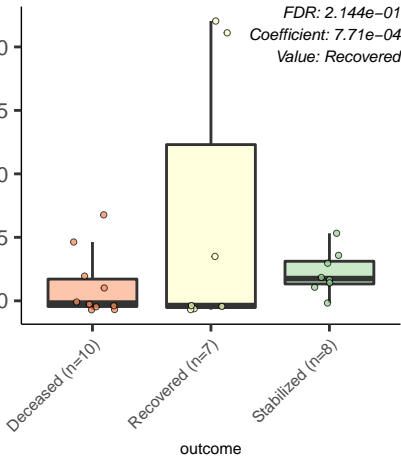




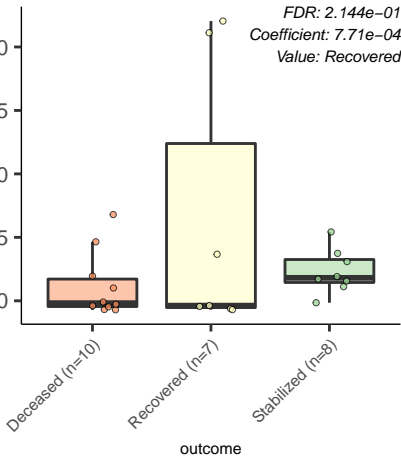
GO.0019438.aromatic.compound.biosynthetic.proce

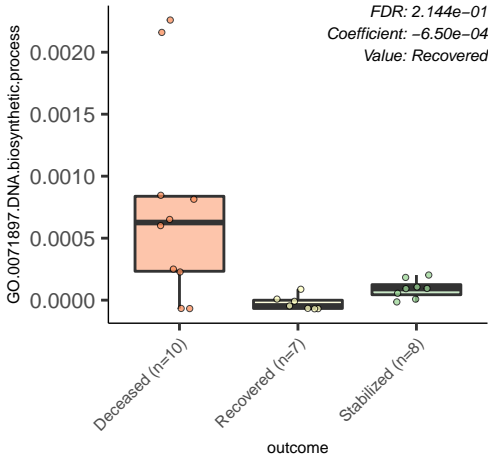


GO.0033692.cellular.polysaccharide.biosynthetic.pro

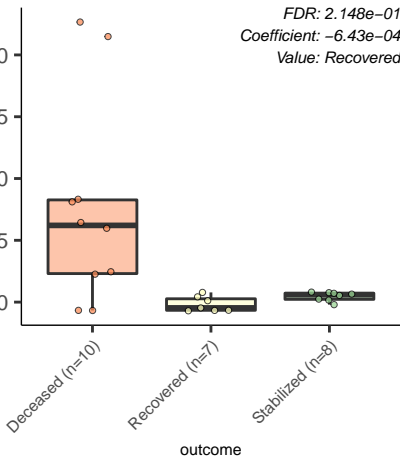


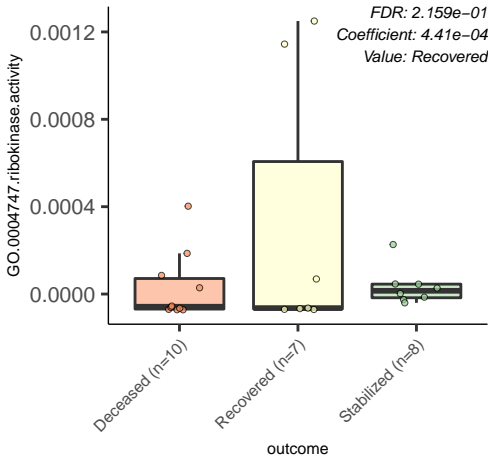
GO.0034637.cellular.carbohydrate.biosynthetic.proc





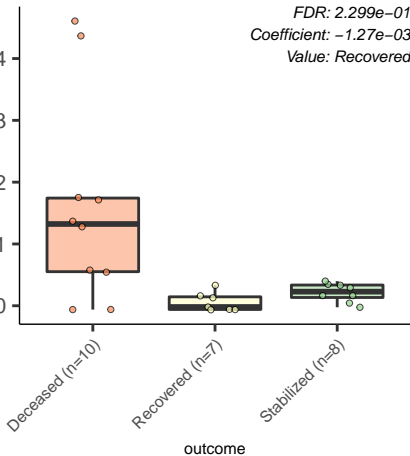
GO.0034655.nucleobase.containing.compound.catabolic



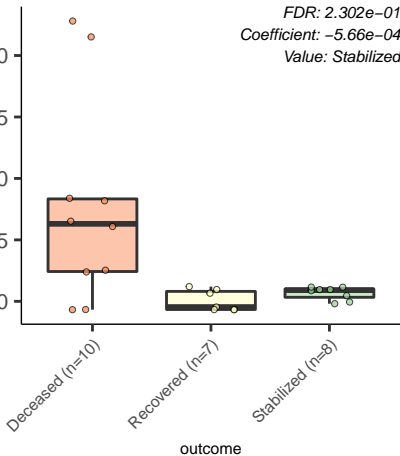


GO.0072527.pyrimidine.containing.compound.metabolic.

FDR: 2.299e-01
Coefficient: -1.27e-03
Value: Recovered

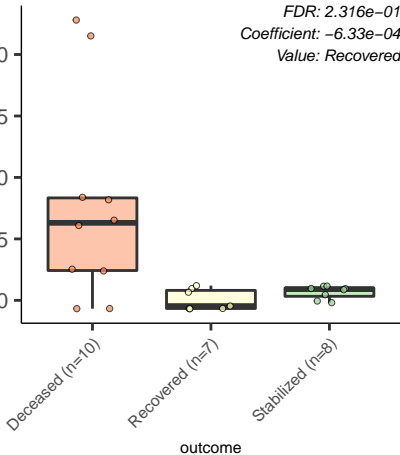


GO.0009141.nucleoside.triphosphate.metabolic.proc

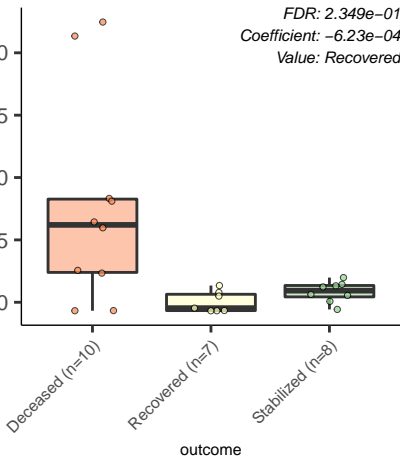


GO.0009141.nucleoside.triphosphate.metabolic.proc

FDR: 2.316e-01
Coefficient: -6.33e-04
Value: Recovered

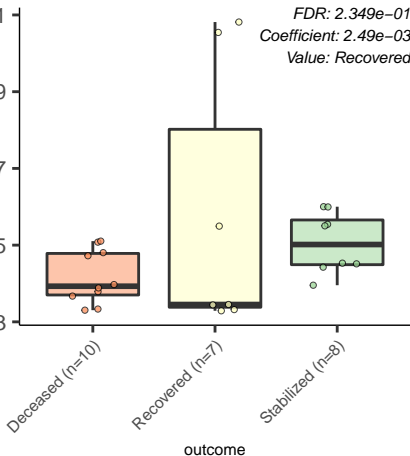


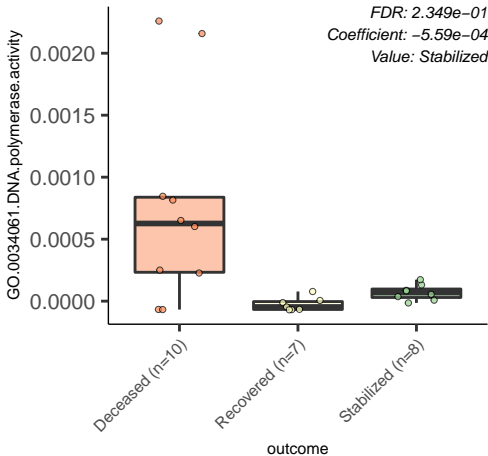
GO.0006221.pyrimidine.nucleotide.biosynthetic.pro



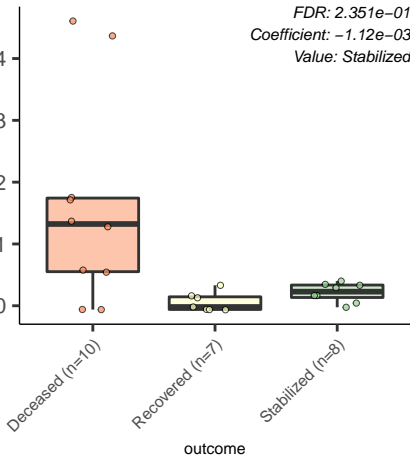
GO.0003676.nucleic.acid.binding

FDR: 2.349e-01
Coefficient: 2.49e-03
Value: Recovered





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



GO.0016310.phosphorylation

0.003
0.002
0.001
0.000

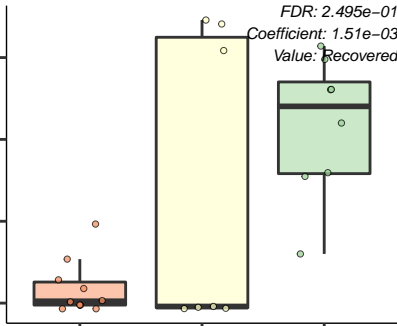
Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

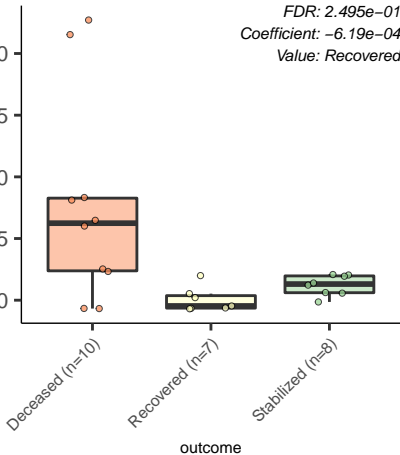
outcome

FDR: 2.495e-01
Coefficient: 1.51e-03
Value: Recovered



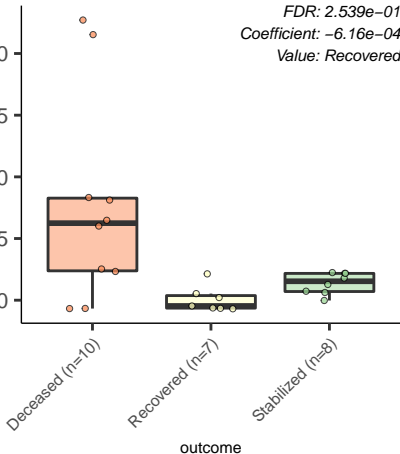
GO.0044270.cellular.nitrogen.compound.catabolic.pro

FDR: 2.495e-01
Coefficient: -6.19e-04
Value: Recovered

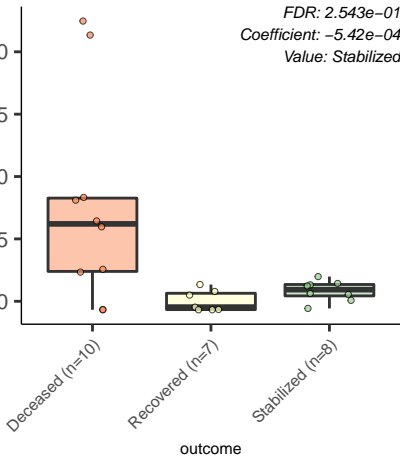


GO.0046700.heterocycle.catabolic.process

FDR: 2.539e-01
Coefficient: -6.16e-04
Value: Recovered



GO.0006221.pyrimidine.nucleotide.biosynthetic.pro



GO.0016301.kinase.activity

0.003
0.002
0.001
0.000

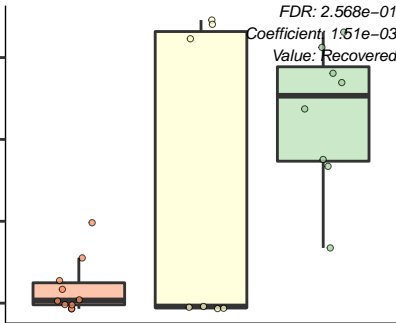
Deceased (n=10)

Recovered (n=7)

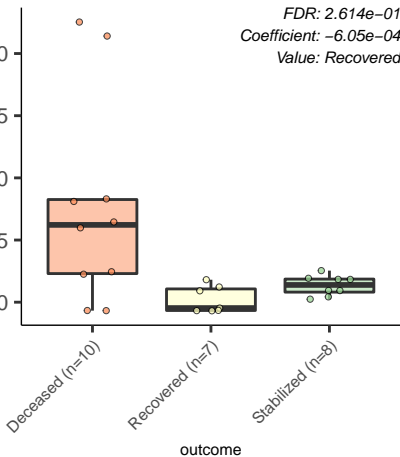
Stabilized (n=8)

outcome

FDR: 2.568e-01
Coefficient: 1.51e-03
Value: Recovered

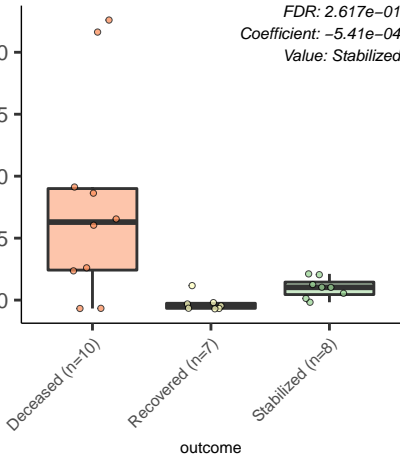


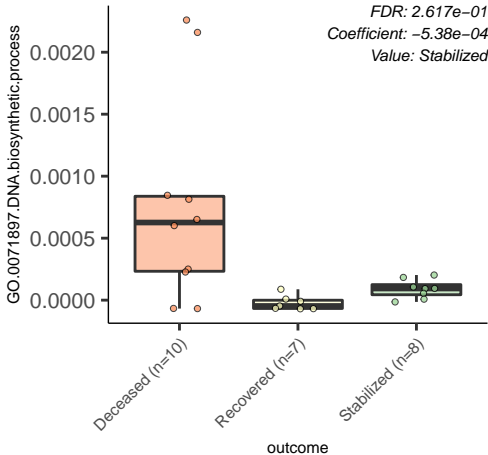
GO.0009124.nucleoside.monophosphate.biosynthetic.p



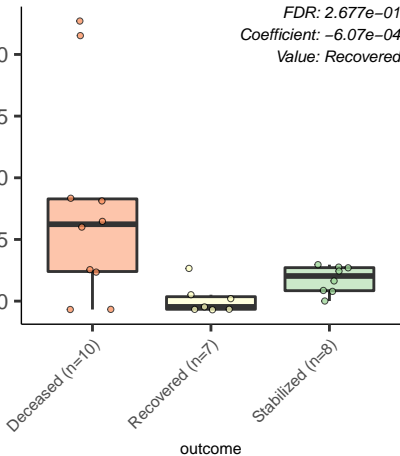
GO.0015074.DNA.integration

FDR: 2.617e-01
Coefficient: -5.41e-04
Value: Stabilized

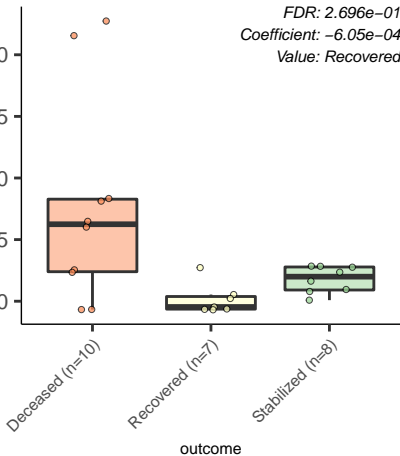




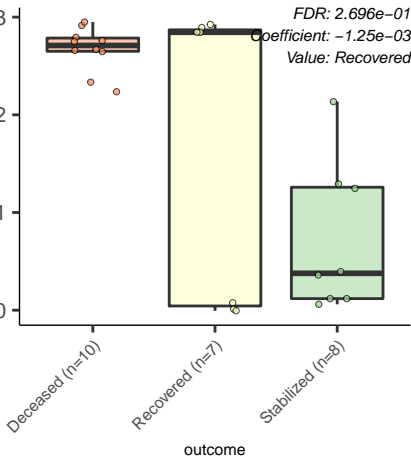
GO.0019439.aromatic.compound.catabolic.process

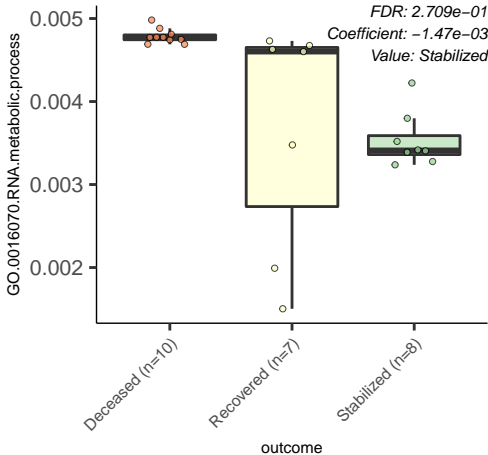


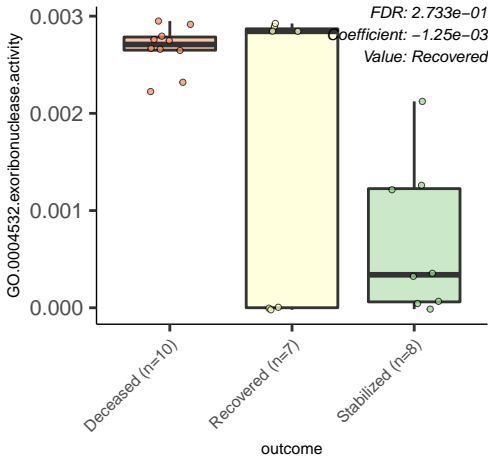
GO.1901361.organic.cyclic.compound.catabolic.pro



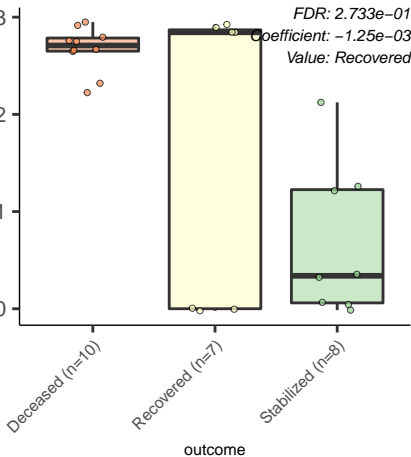
nuclease.activity..active.with.either.ribo..or.deoxyribonucleic.acids.a



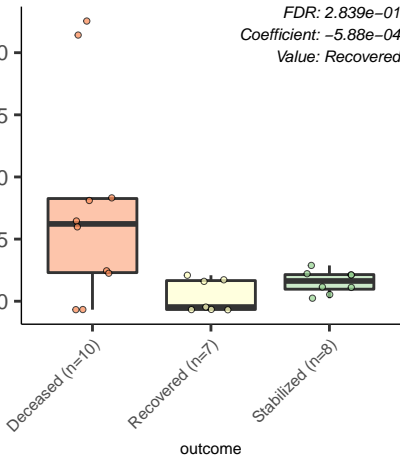




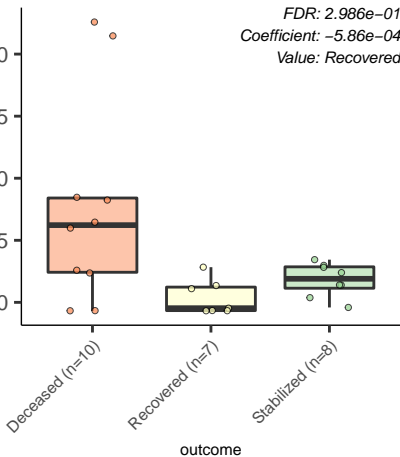
GO.0016896.exoribonuclease.activity..producing.5.phospho



GO.0009123.nucleoside.monophosphate.metabolic.pr

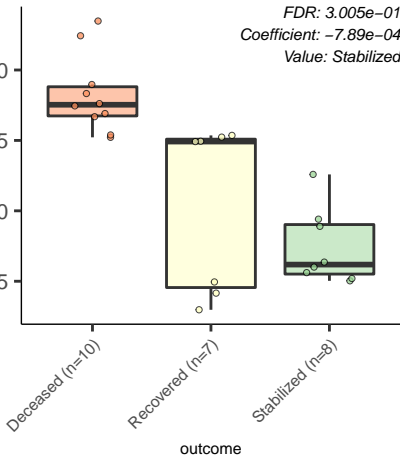


GO.0072528.pyrimidine.containing.compound.biosynthetic



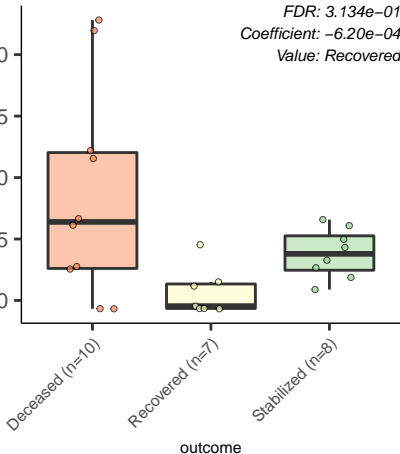
GO.0008270.zinc.ion.binding

FDR: $3.005e-01$
Coefficient: $-7.89e-04$
Value: Stabilized



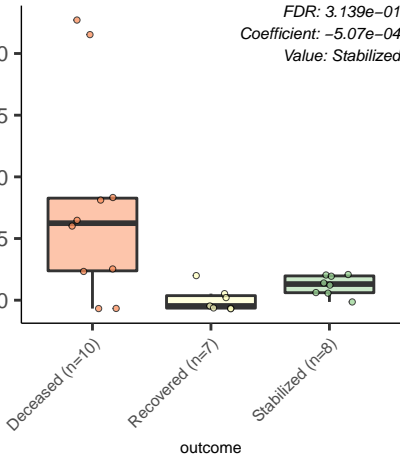
GO.0006310.DNA.recombination

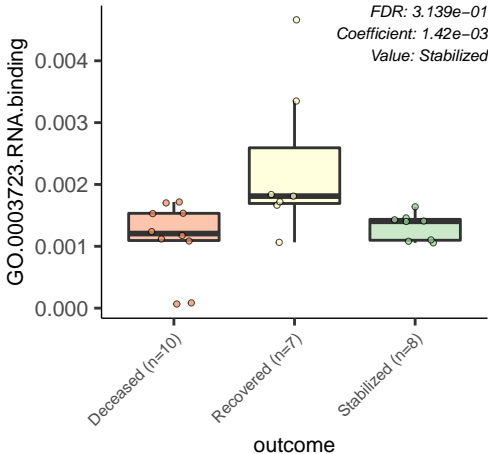
FDR: 3.134e-01
Coefficient: -6.20e-04
Value: Recovered

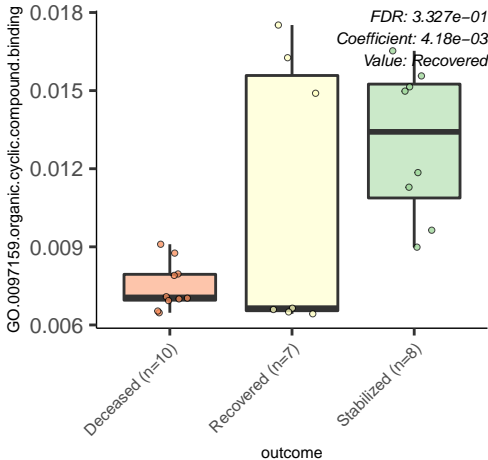


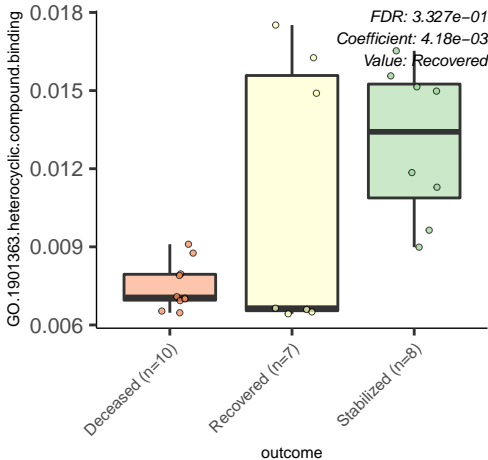
GO.0044270.cellular.nitrogen.compound.catabolic.pro

FDR: 3.139e-01
Coefficient: -5.07e-04
Value: Stabilized



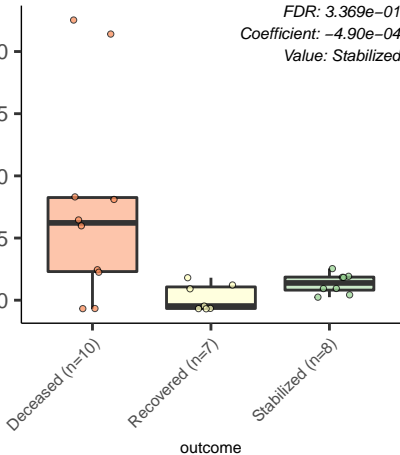


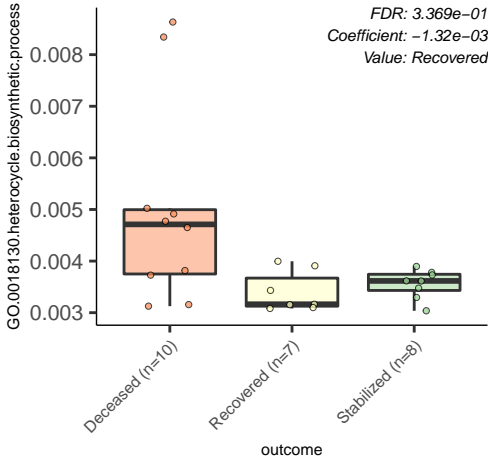




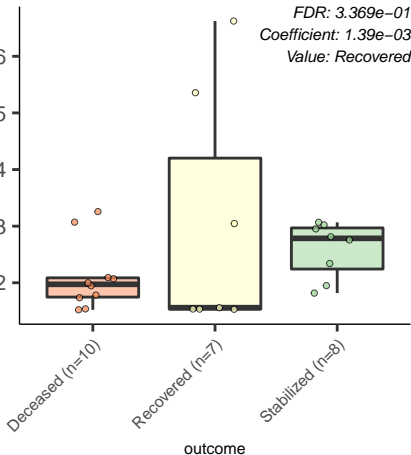
GO.0009124.nucleoside.monophosphate.biosynthetic.p

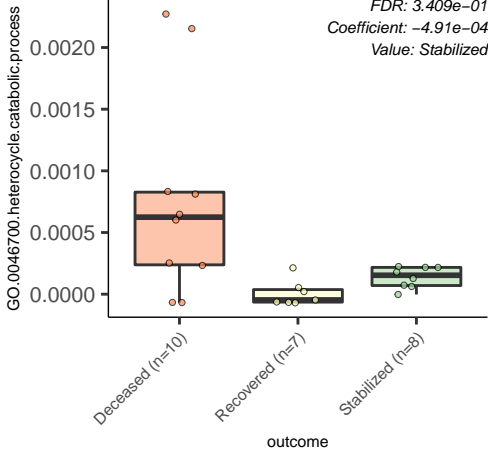
FDR: 3.369e-01
Coefficient: -4.90e-04
Value: Stabilized

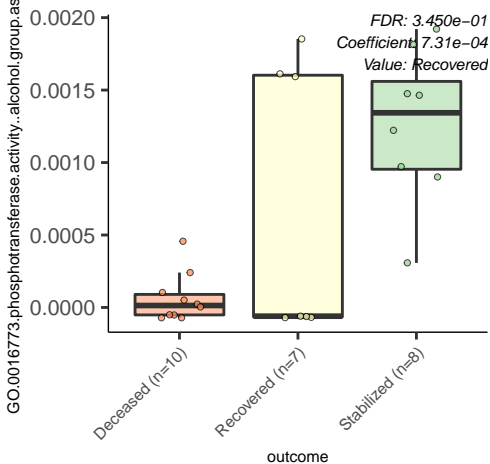


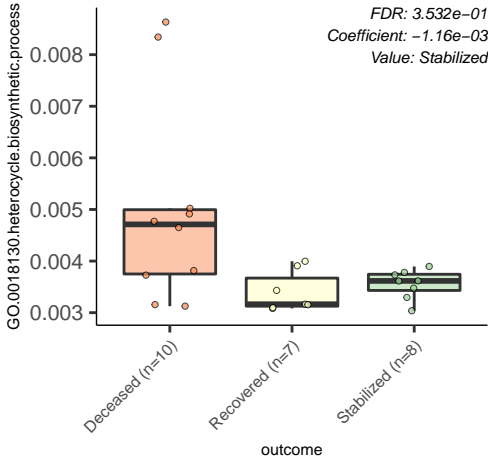


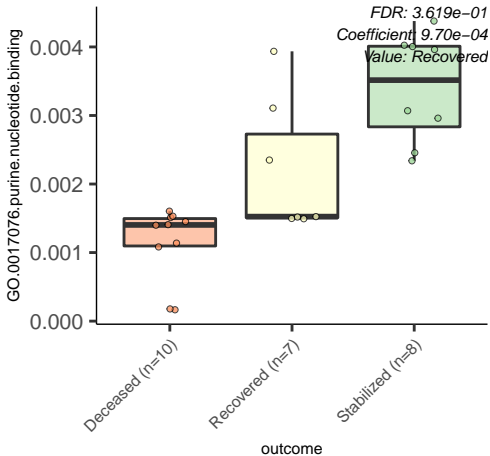
GO.0034645.cellular.macromolecule.biosynthetic.pro



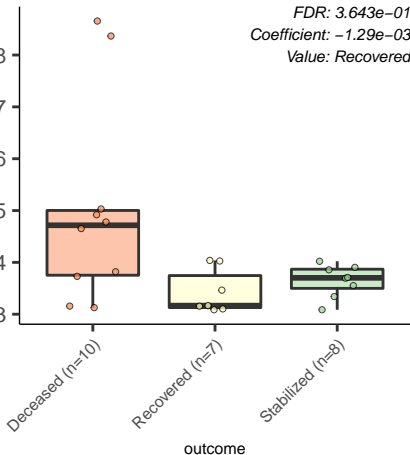






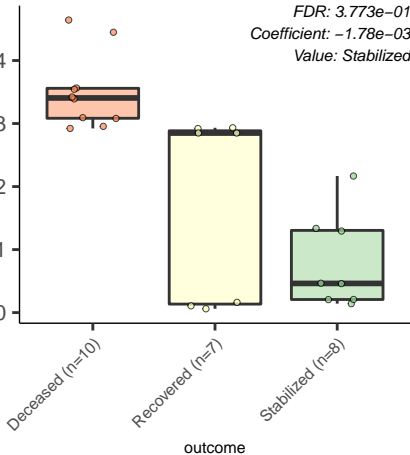


GO.1901362.organic.cyclic.compound.biosynthetic.pro

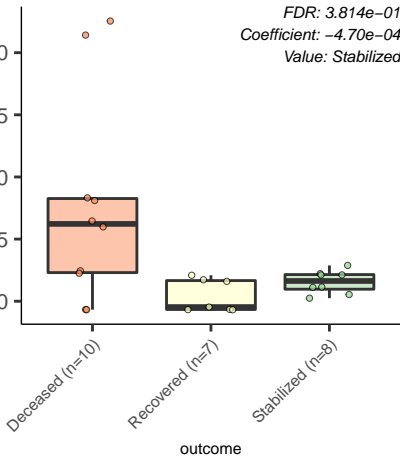


GO.0004540.ribonuclease.activity

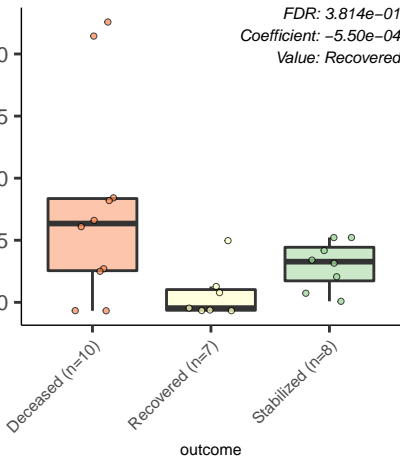
FDR: 3.773e-01
Coefficient: -1.78e-03
Value: Stabilized



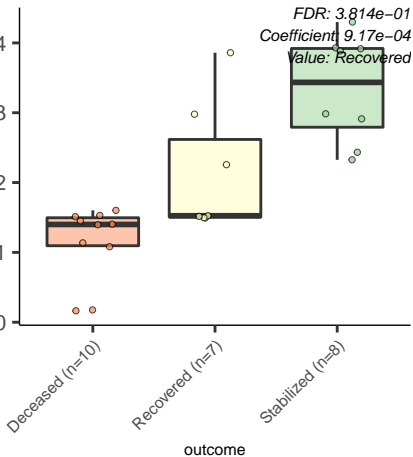
GO.0009123.nucleoside.monophosphate.metabolic.pr



GO.1901565.organonitrogen.compound.catabolic.pro

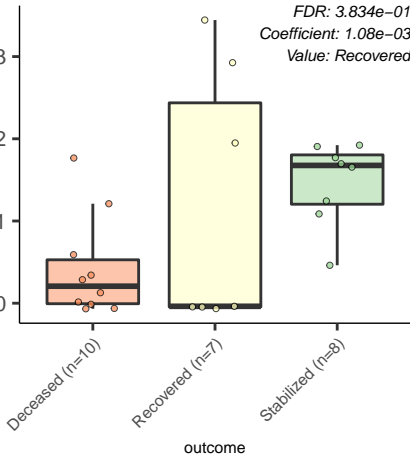


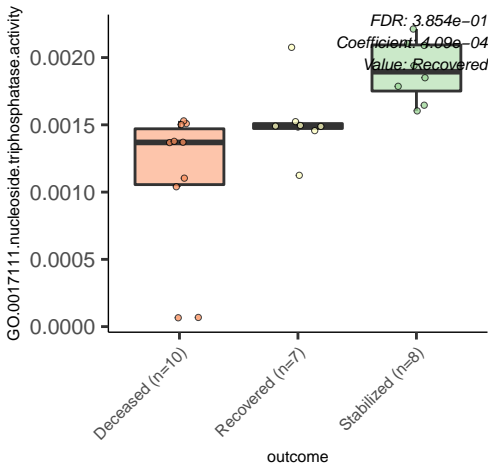
GO.0035639.purine.ribonucleoside.triphosphate.binc

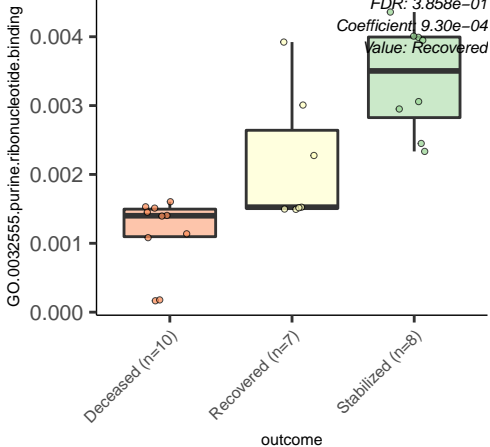


GO.0016853.isomerase.activity

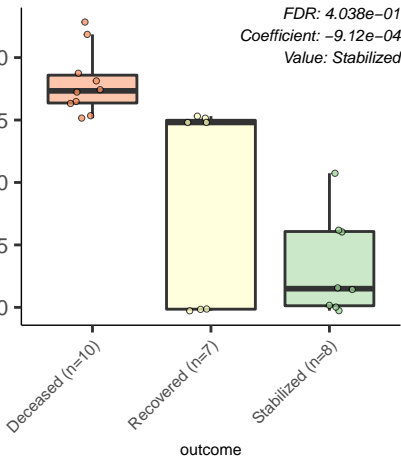
FDR: 3.834e-01
Coefficient: 1.08e-03
Value: Recovered







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



GO.0016874.ligase.activity

0.003
0.002
0.001
0.000

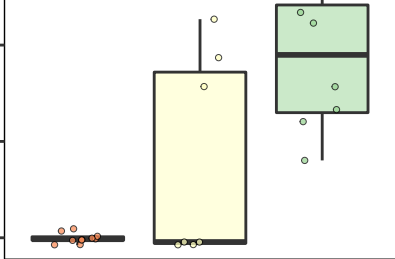
Deceased (n=10)

Recovered (n=7)

Stabilized (n=8)

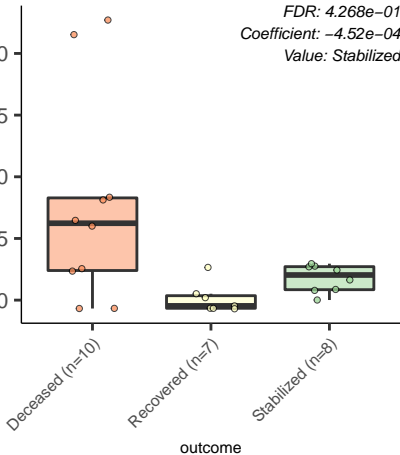
outcome

FDR: 4.120e-01
Coefficient: 8.62e-04
Value: Recovered

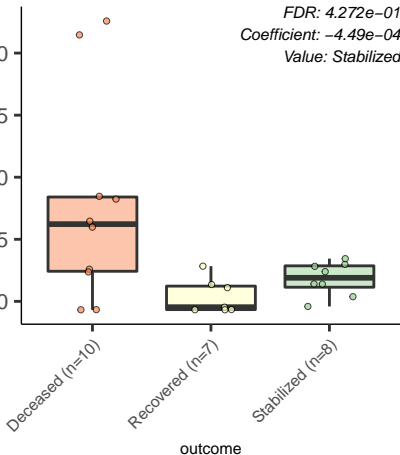


GO.0019439.aromatic.compound.catabolic.process

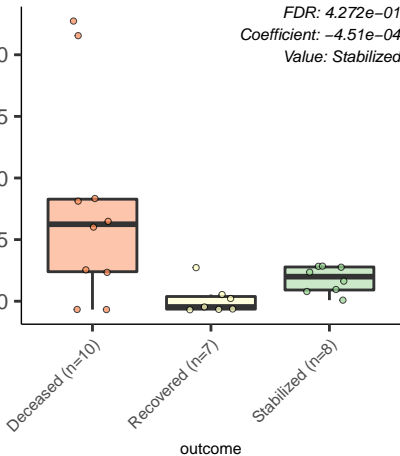
FDR: 4.268e-01
Coefficient: -4.52e-04
Value: Stabilized



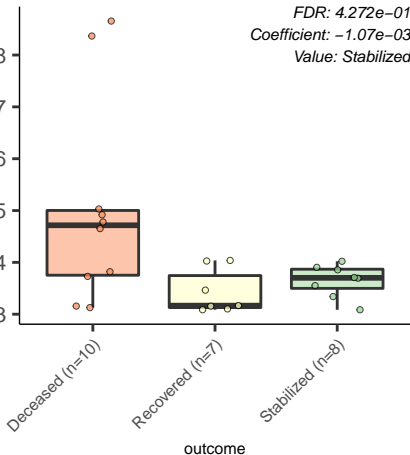
GO.0072528.pyrimidine.containing.compound.biosynthetic

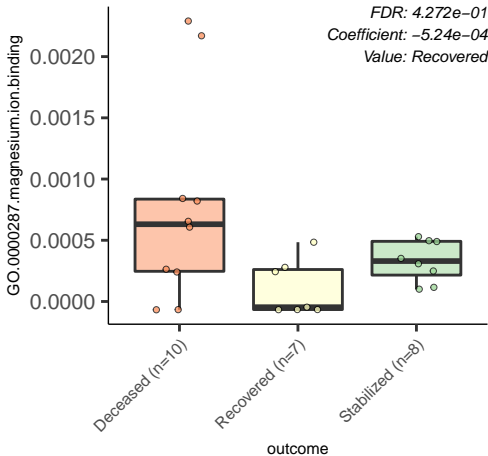


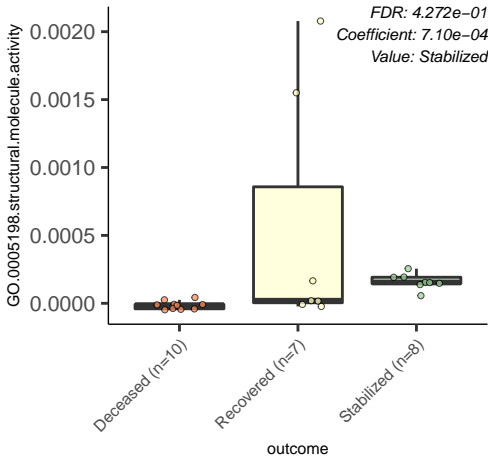
GO.1901361.organic.cyclic.compound.catabolic.pro

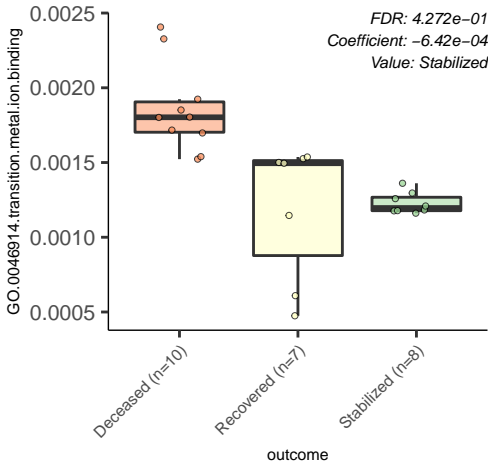


GO.1901362.organic.cyclic.compound.biosynthetic.pro

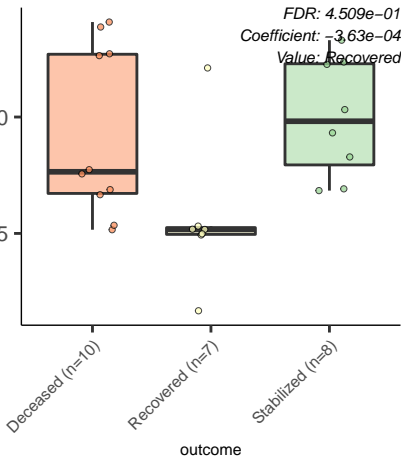


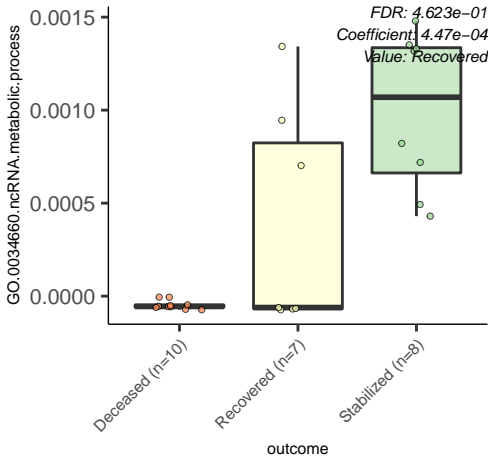


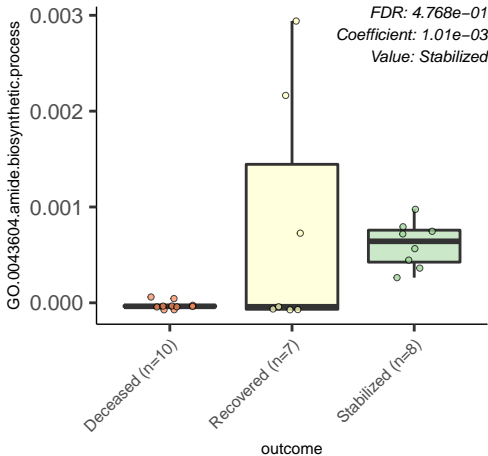


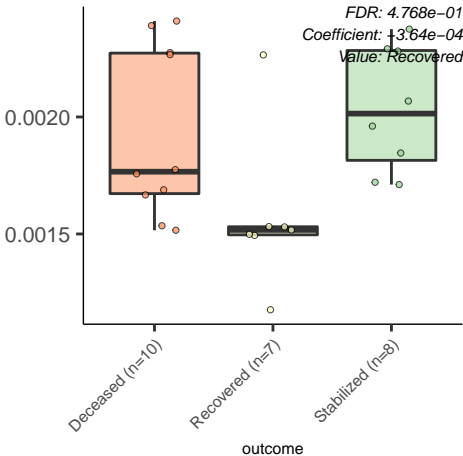


GO.0016462.pyrophosphatase.activity









GO.0006412.translation

FDR: 4.847e-01
Coefficient: 9.52e-04
Value: Stabilized

0.002

0.001

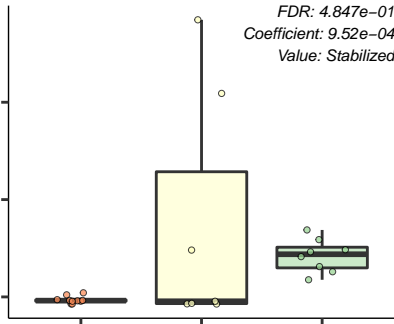
0.000

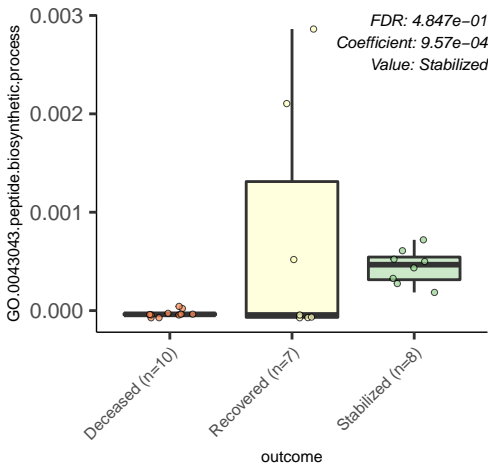
Deceased (n=10)

Recovered (n=7)

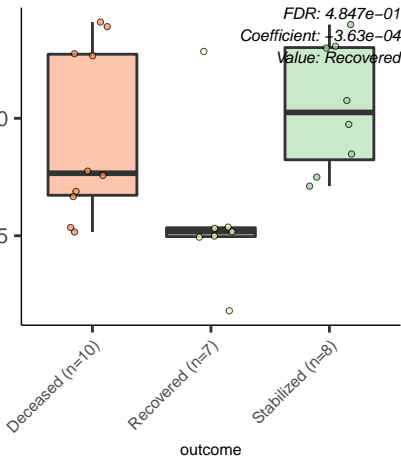
Stabilized (n=8)

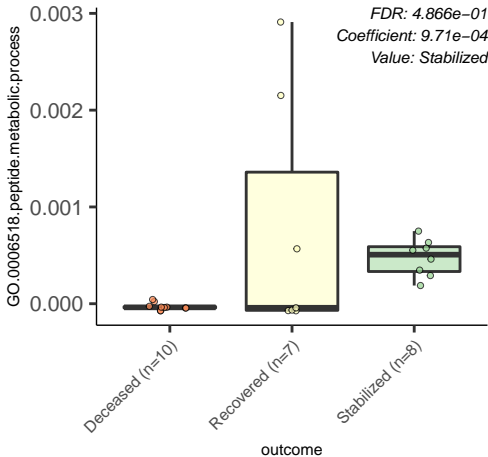
outcome

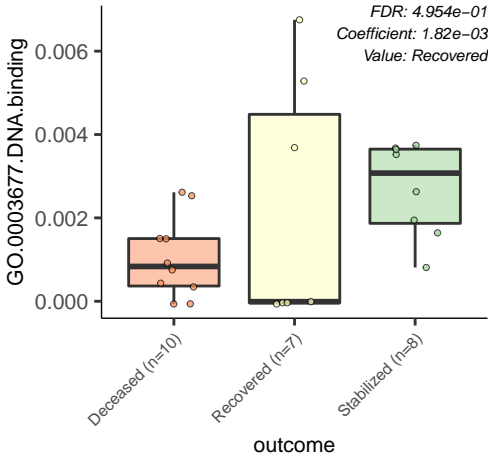


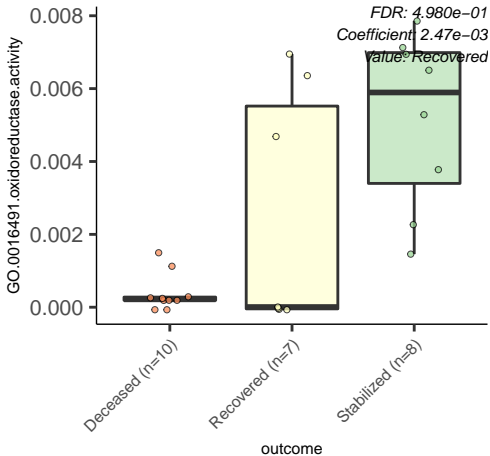


GO.0016817.hydrolase.activity..acting.on.acid.anhyd









GO.0006139.nucleobase.containing.compound.metabolic

FDR: $4.988e-01$
Coefficient: $-2.70e-03$
Value: Stabilized

