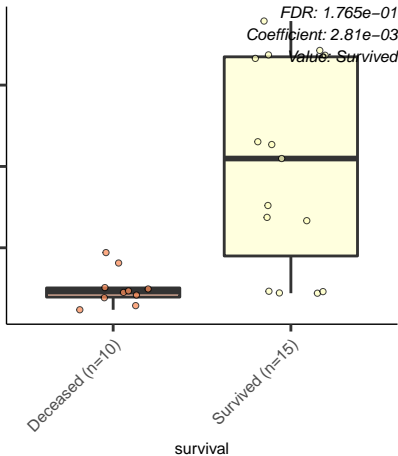


GO.0000166.nucleotide.binding



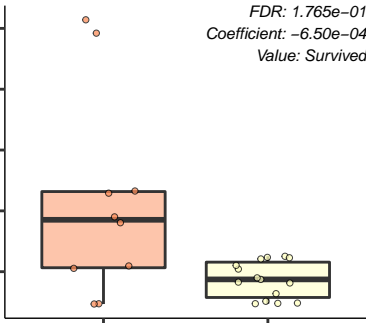
GO.0002134.UTP.binding

*FDR: 1.765e-01*  
*Coefficient: -6.50e-04*  
*Value: Survived*

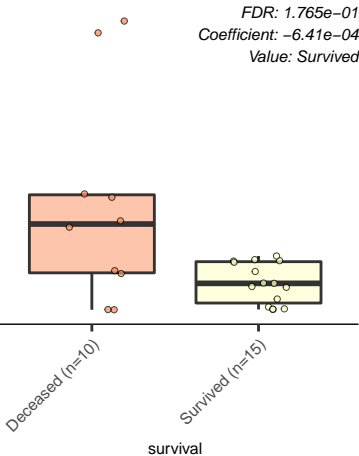
Deceased (n=10)

Survived (n=15)

survival



GO.0003964.RNA.directed.DNA.polymerase.activ



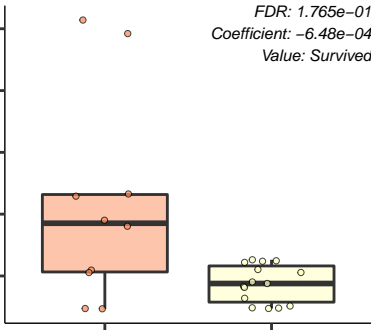
GO.0004170.dUTP.diphosphatase.activity

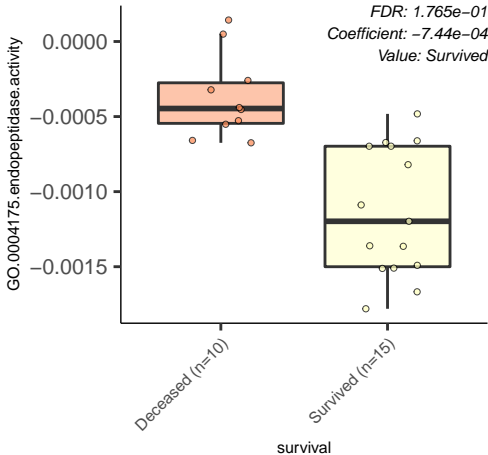
FDR: 1.765e-01  
Coefficient: -6.48e-04  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival





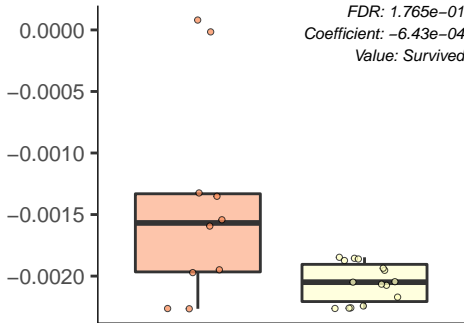
GO.0004190.aspartic.type.endopeptidase.activity

*FDR: 1.765e-01*  
*Coefficient: -6.43e-04*  
*Value: Survived*

Deceased (n=10)

Survived (n=15)

survival



GO.0004518.nuclease.activity

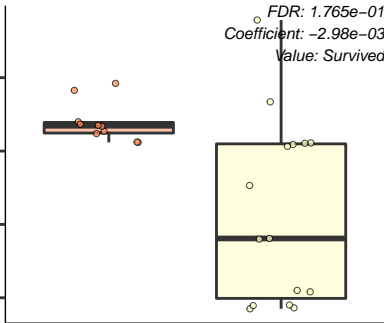
0.0075  
0.0050  
0.0025  
0.0000

Deceased (n=10)

Survived (n=15)

survival

FDR: 1.765e-01  
Coefficient: -2.98e-03  
Value: Survived



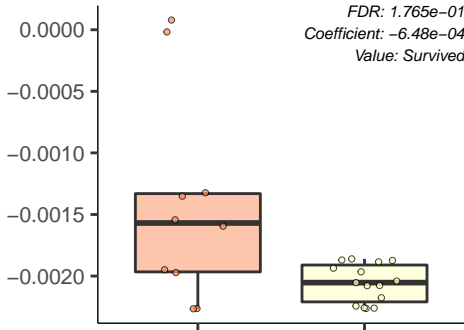
GO.0004523.RNA.DNA.hybrid.ribonuclease.activit

*FDR: 1.765e-01*  
*Coefficient: -6.48e-04*  
*Value: Survived*

Deceased (n=10)

Survived (n=15)

survival





GO.0004532.exoribonuclease.activity

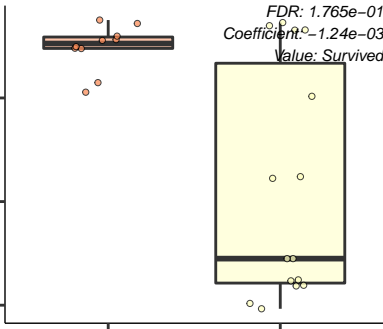
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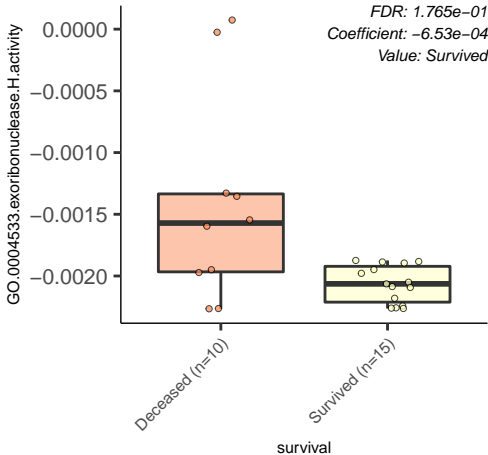
Deceased (n=10)

Survived (n=15)

survival

FDR: 1.765e-01  
Coefficient: -1.24e-03  
Value: Survived





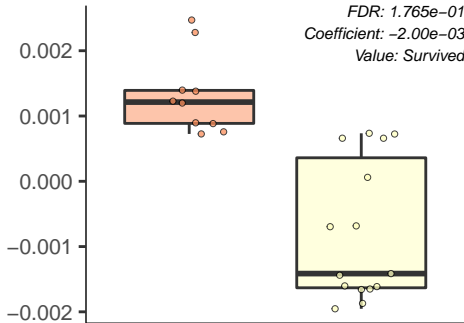
GO.0004540.ribonuclease.activity

FDR: 1.765e-01  
Coefficient: -2.00e-03  
Value: Survived

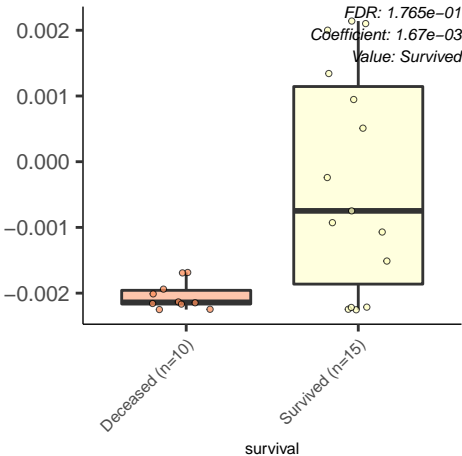
Deceased (n=10)

Survived (n=15)

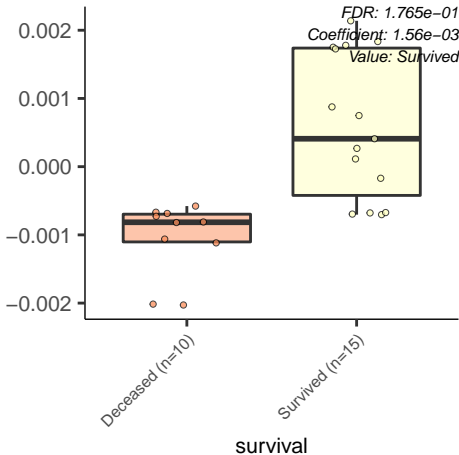
survival

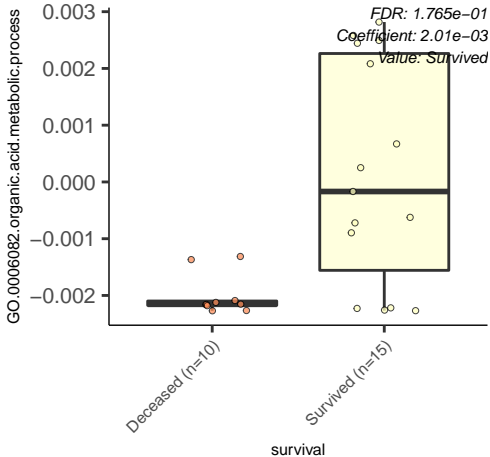


GO.0005215.transporter.activity

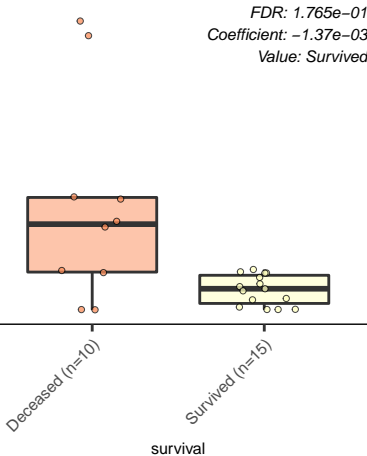


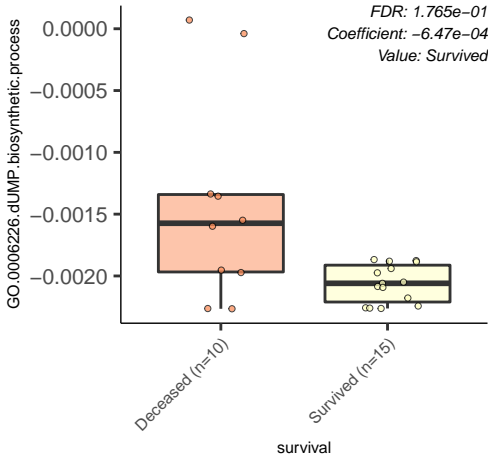
GO.0005524.ATP.binding





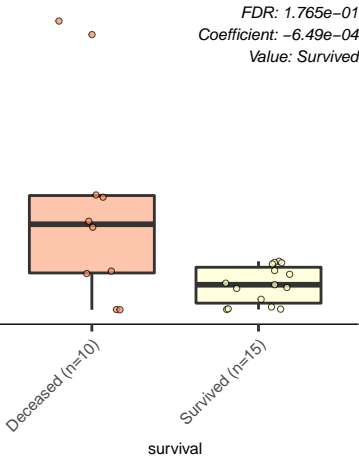
GO.0006220.pyrimidine.nucleotide.metabolic.proce



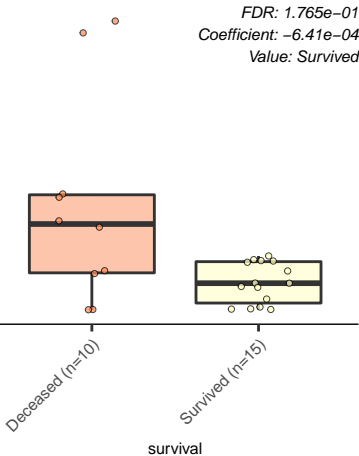




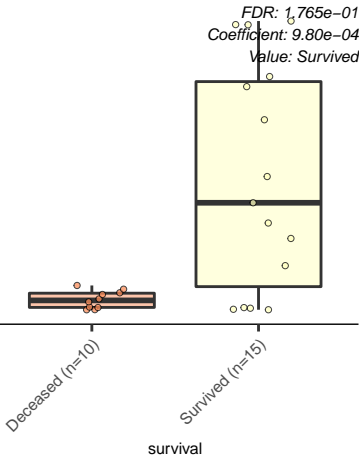
GO.0006244.pyrimidine.nucleotide.catabolic.proce



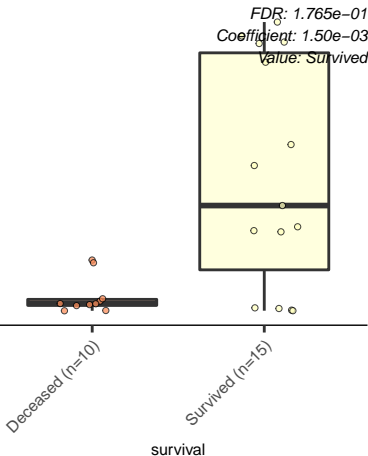
GO.0006278.RNA.dependent.DNA.biosynthetic.pro



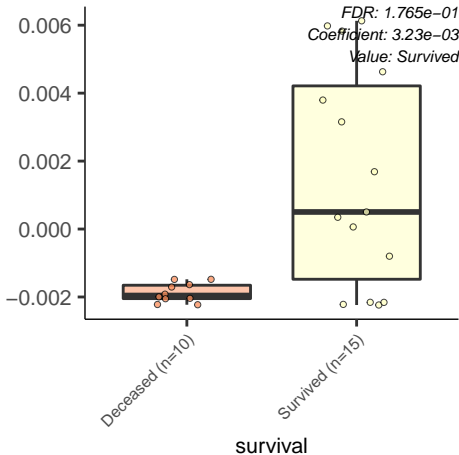
GO.0006355.regulation.of.transcription..DNA.templa

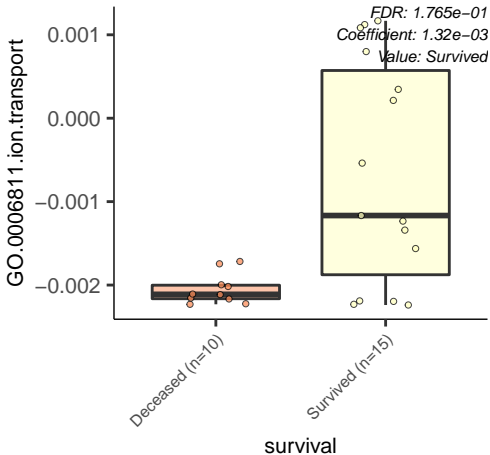


GO.0006520.cellular.amino.acid.metabolic.process



GO.0006810.transport





GO.0006812.cation.transport

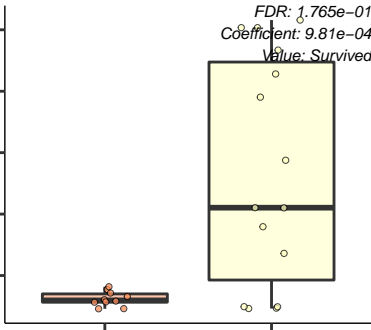
0.0000  
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-0.0010  
-0.0015  
-0.0020

Deceased (n=10)

Survived (n=15)

survival

FDR: 1.765e-01  
Coefficient: 9.81e-04  
Value: Survived



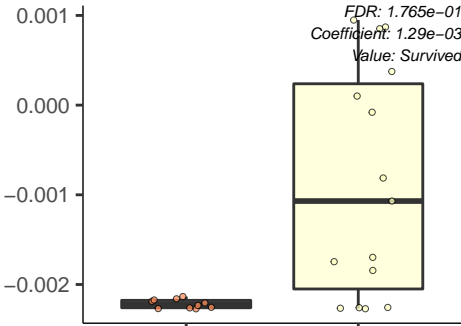
GO.0007165.signal.transduction

FDR: 1.765e-01  
Coefficient: 1.29e-03  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival





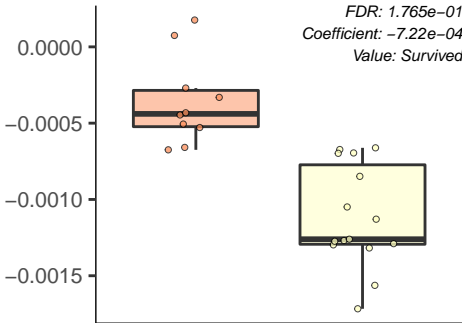
GO.0008270.zinc.ion.binding

FDR: 1.765e-01  
Coefficient:  $-7.22e-04$   
Value: Survived

Deceased (n=10)

Survived (n=15)

survival



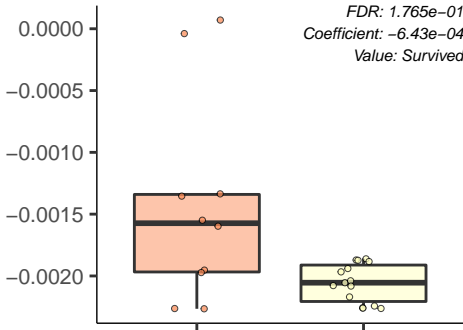
GO.0009143.nucleoside.triphosphate.catabolic.proc

FDR: 1.765e-01  
Coefficient: -6.43e-04  
Value: Survived

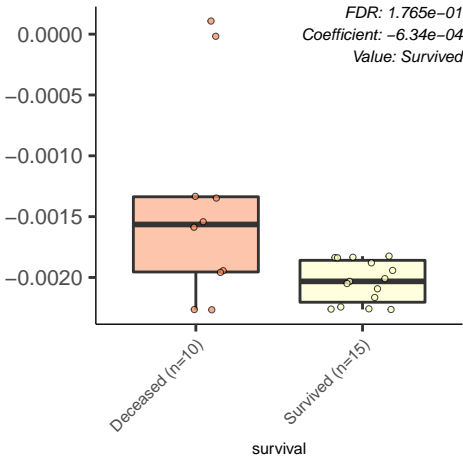
Deceased (n=10)

Survived (n=15)

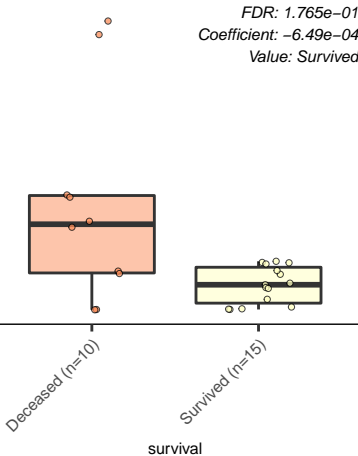
survival



GO:0009147.pyrimidine.nucleoside.triphosphate.metabolic



GO.0009149.pyrimidine.nucleoside.triphosphate.catabolic



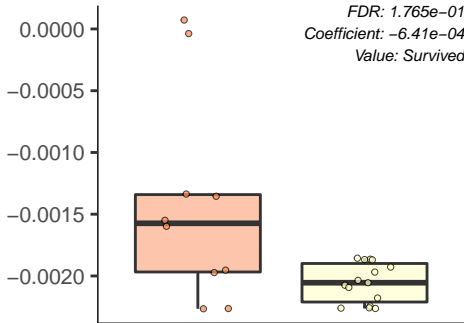
GO.0009157.deoxyribonucleoside.monophosphate.biosynthe

*FDR: 1.765e-01*  
*Coefficient: -6.41e-04*  
*Value: Survived*

Deceased (n=10)

Survived (n=15)

survival



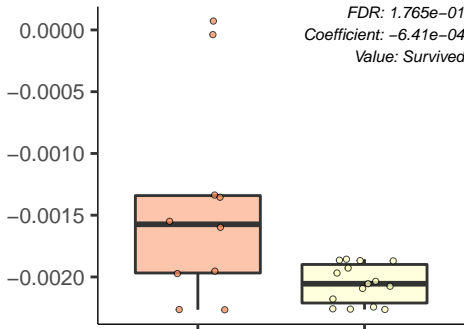
GO.0009162.deoxyribonucleoside.monophosphate.metabo

*FDR: 1.765e-01*  
*Coefficient: -6.41e-04*  
*Value: Survived*

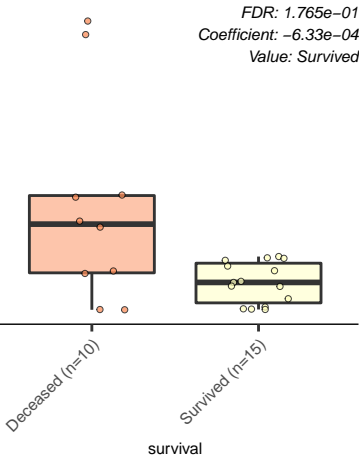
Deceased (n=10)

Survived (n=15)

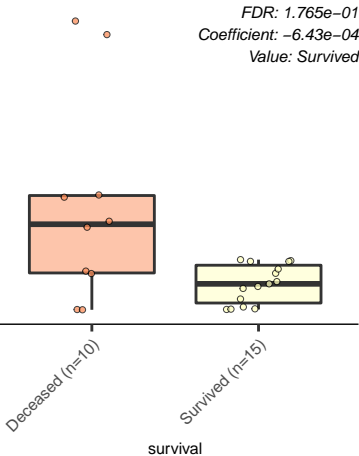
survival



GO.0009166.nucleotide.catabolic.process



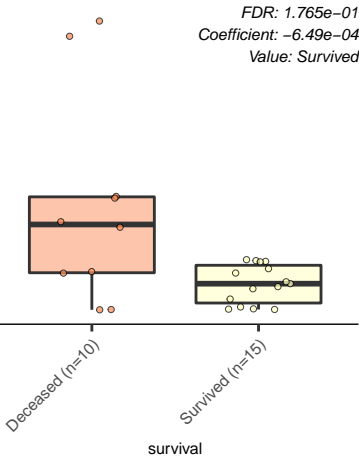
GO.0009176.pyrimidine.deoxyribonucleoside.monophosphate.m







GO.0009200.deoxyribonucleoside.triphosphate.metabolic



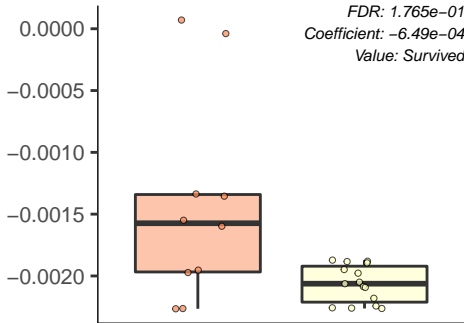
GO.0009204.deoxyribonucleoside.triphosphate.catabolic

FDR: 1.765e-01  
Coefficient: -6.49e-04  
Value: Survived

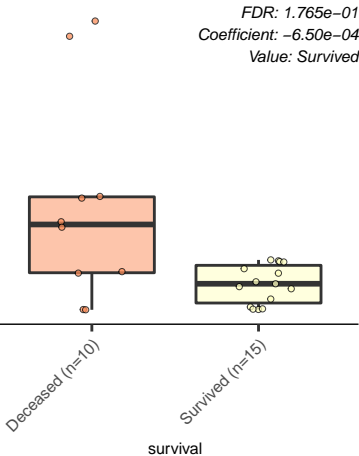
Deceased (n=10)

Survived (n=15)

survival



GO.0009211.pyrimidine.deoxyribonucleoside.triphosphate.meta



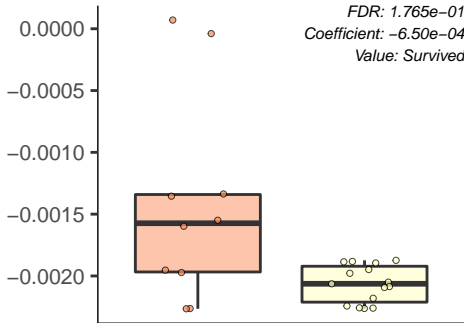
GO.0009213.pyrimidine.deoxyribonucleoside.triphosphate.cata

*FDR: 1.765e-01*  
*Coefficient: -6.50e-04*  
*Value: Survived*

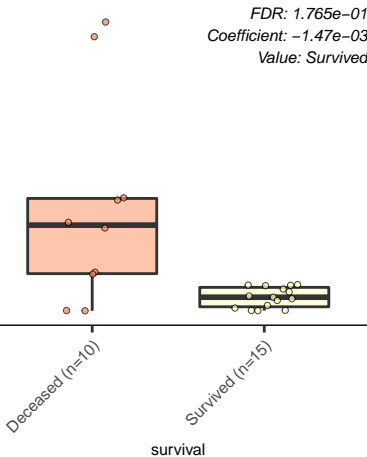
Deceased (n=10)

Survived (n=15)

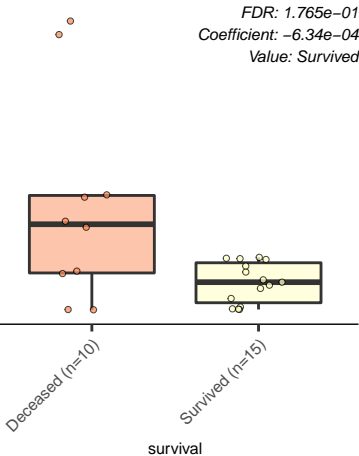
survival



GO.0009219.pyrimidine.deoxyribonucleotide.metabolic.p



GO.0009221.pyrimidine.deoxyribonucleotide.biosynthetic



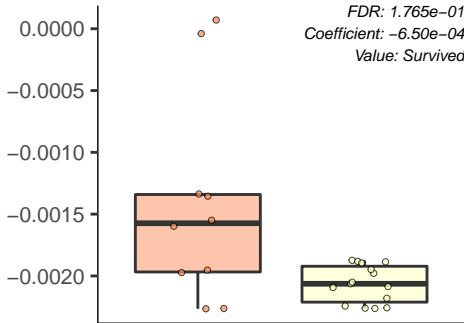
GO.0009223.pyrimidine.deoxyribonucleotide.catabolic.p

FDR: 1.765e-01  
Coefficient: -6.50e-04  
Value: Survived

Deceased (n=10)

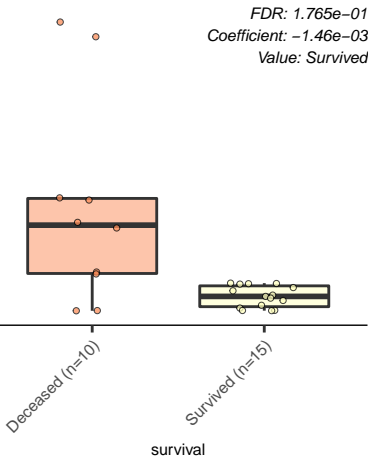
Survived (n=15)

survival

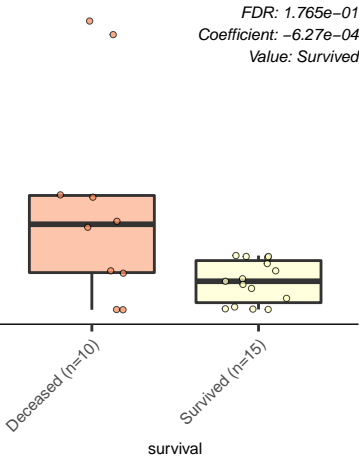




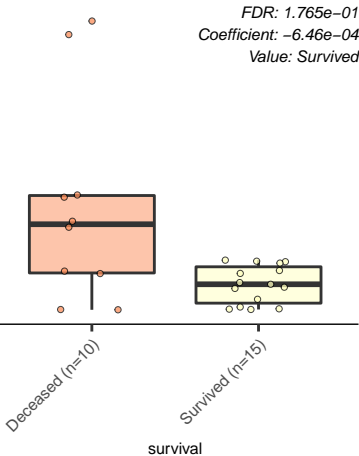
GO.0009262.deoxyribonucleotide.metallic.proces



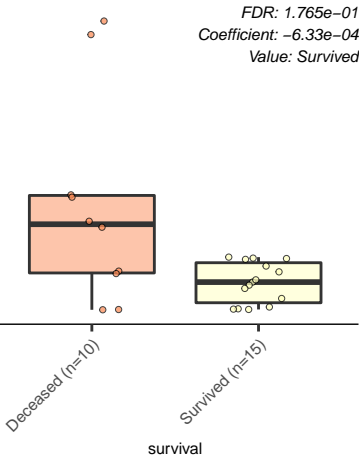
GO.0009263.deoxyribonucleotide.biosynthetic.proce



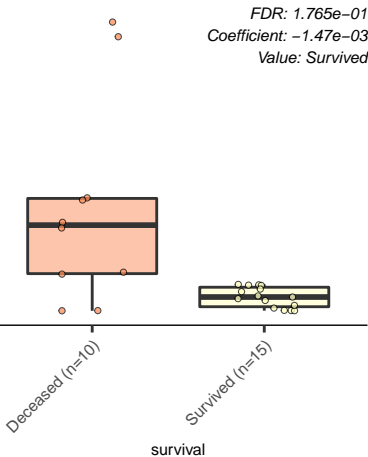
GO.0009264.deoxyribonucleotide.catabolic.proces

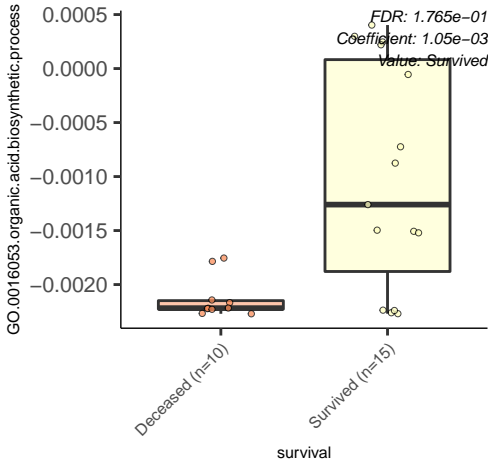


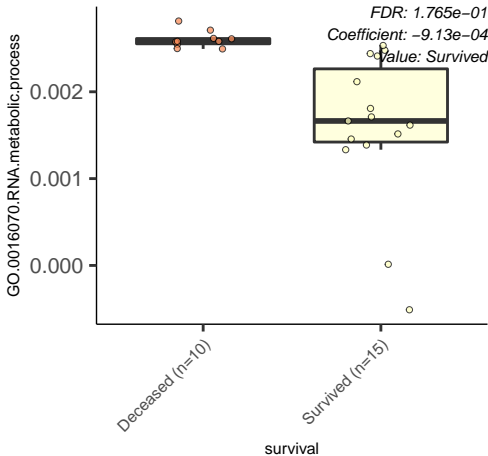
GO.0009265.2.deoxyribonucleotide.biosynthetic.pro



GO.0009394.2.deoxyribonucleotide.metallic.proce







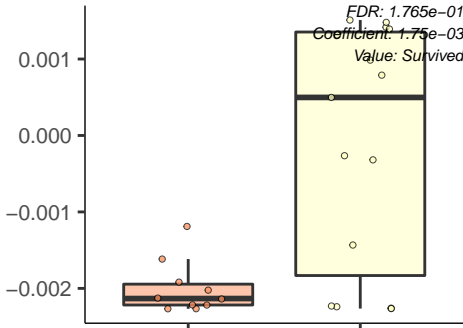
GO.0016301.kinase.activity

Deceased (n=10)

Survived (n=15)

survival

FDR: 1.765e-01  
Coefficient: 1.75e-03  
Value: Survived





GO.0016310.phosphorylation

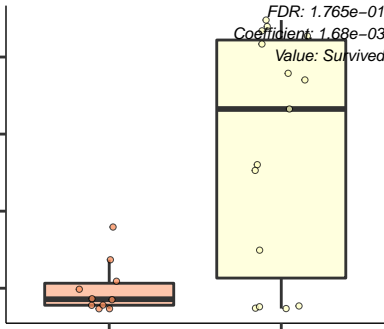
Deceased (n=10)

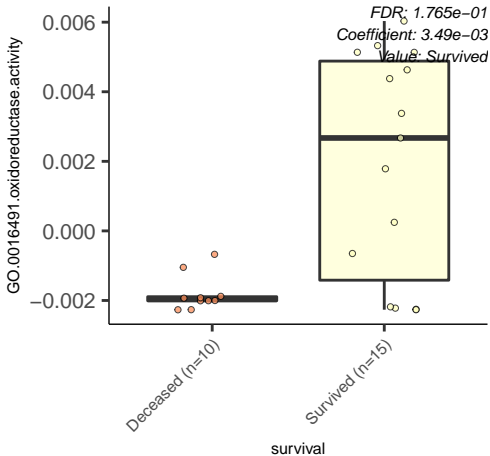
Survived (n=15)

survival

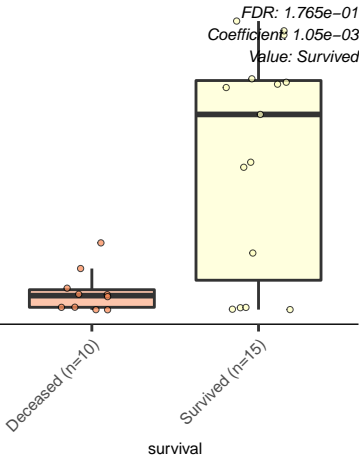
FDR: 1.765e-01  
Coefficient: 1.68e-03  
Value: Survived

0.001  
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-0.001  
-0.002

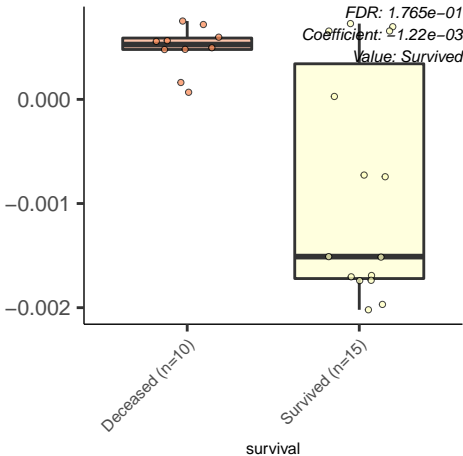




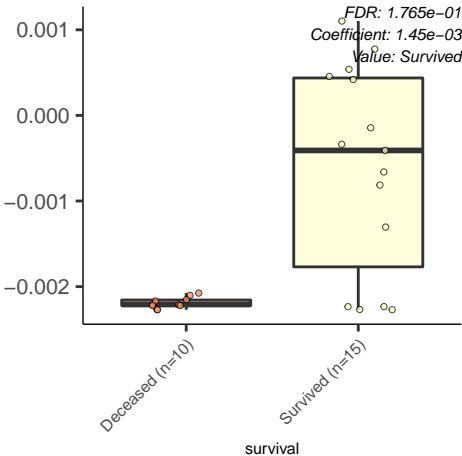
GO.0016773.phosphotransferase.activity..alcohol.group.as



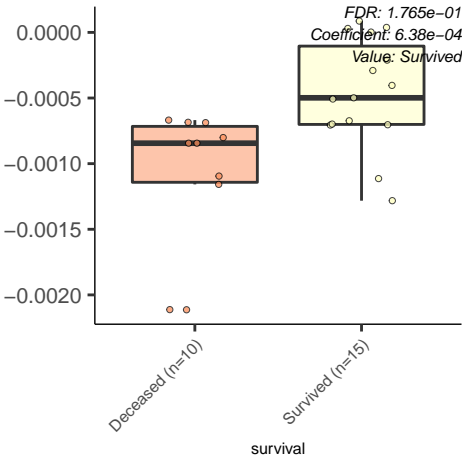
nuclease.activity..active.with.either.ribo..or.deoxyribonucleic.acids.a



GO.0016874.ligase.activity



GO.0016887.ATPase.activity



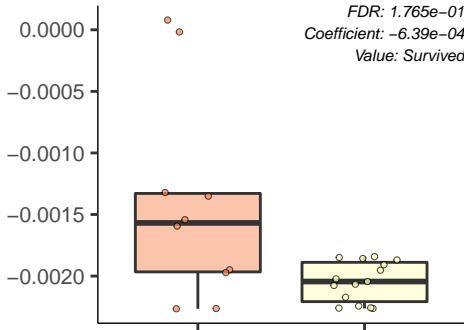
GO.0016891.endoribonuclease.activity..producing.5.phospho

*FDR: 1.765e-01*  
*Coefficient: -6.39e-04*  
*Value: Survived*

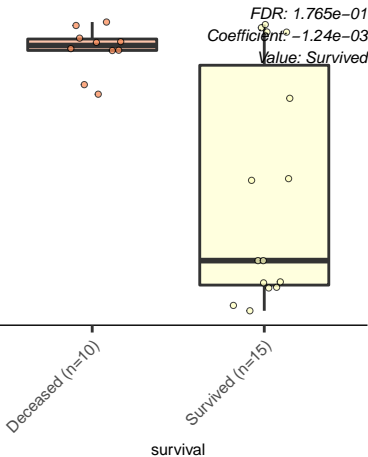
Deceased (n=10)

Survived (n=15)

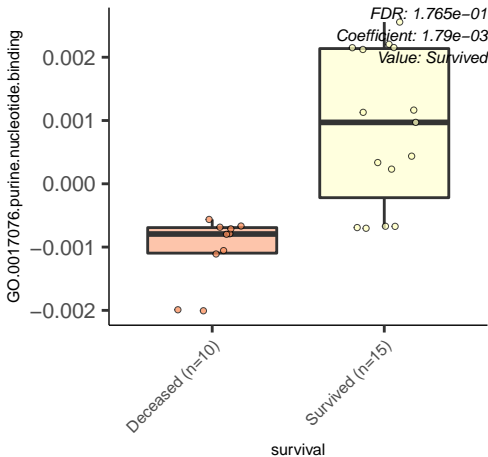
survival

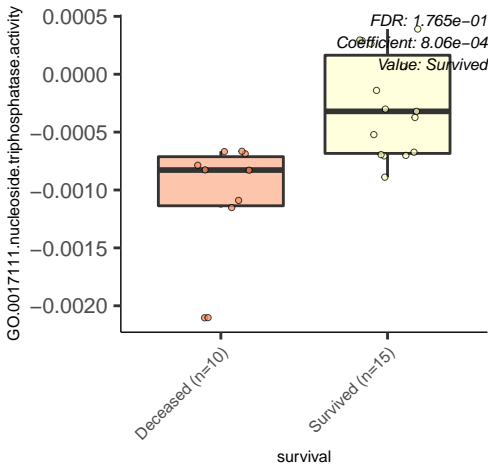


GO.0016896.exoribonuclease.activity..producing.5.phospho









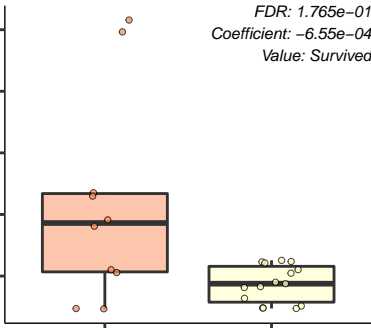
GO.0019043.establishment.of.viral.latency

FDR: 1.765e-01  
Coefficient: -6.55e-04  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival



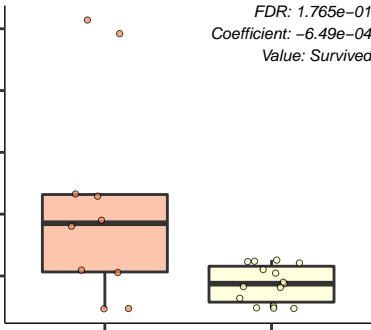
GO.0019103.pyrimidine.nucleotide.binding

*FDR: 1.765e-01*  
*Coefficient: -6.49e-04*  
*Value: Survived*

Deceased (n=10)

Survived (n=15)

survival



GO.0019438.aromatic.compound.biosynthetic.proce

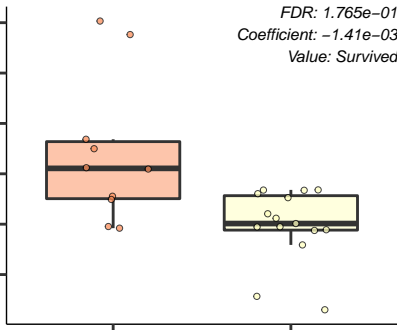
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0.004  
0.003  
0.002  
0.001  
0.000

FDR: 1.765e-01  
Coefficient: -1.41e-03  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival



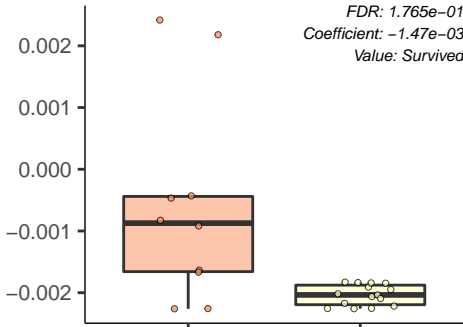
GO.0019692.deoxyribose.phosphate.metabolic.proc

FDR: 1.765e-01  
Coefficient: -1.47e-03  
Value: Survived

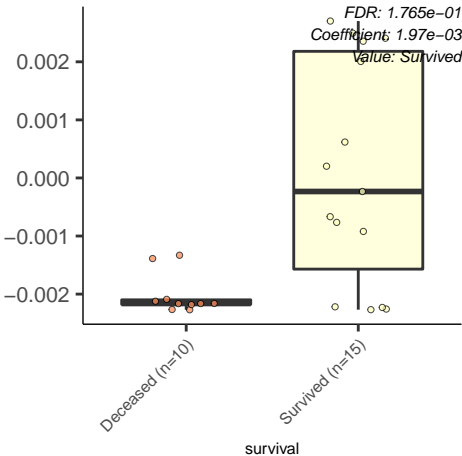
Deceased (n=10)

Survived (n=15)

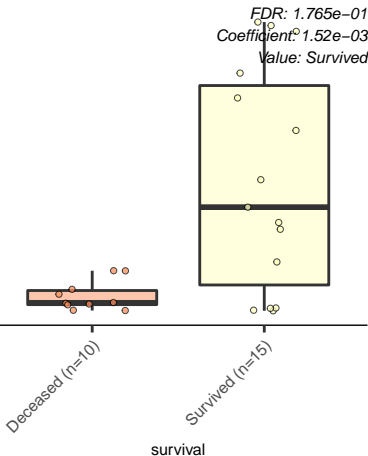
survival



GO.0019752.carboxylic.acid.metabolic.process

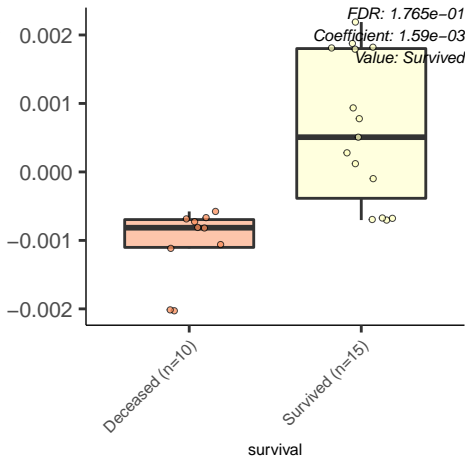


GO.0022857.transmembrane.transporter.activity

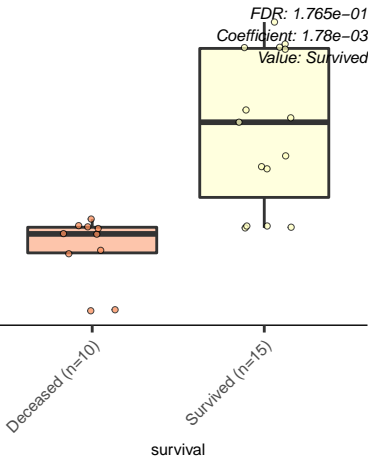




GO.0030554.adenyl.nucleotide.binding



GO.0032555.purine.ribonucleotide.binding



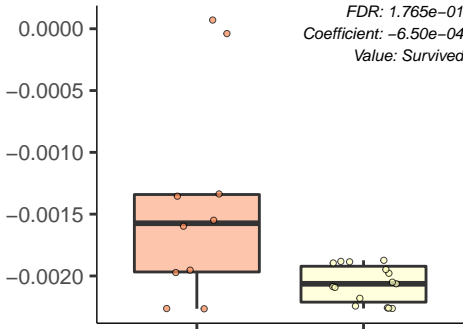
GO.0032557.pyrimidine.ribonucleotide.binding

*FDR: 1.765e-01*  
*Coefficient: -6.50e-04*  
*Value: Survived*

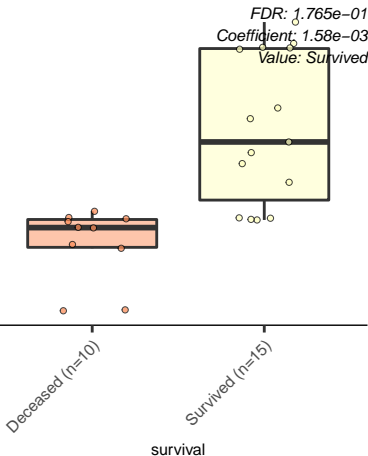
Deceased (n=10)

Survived (n=15)

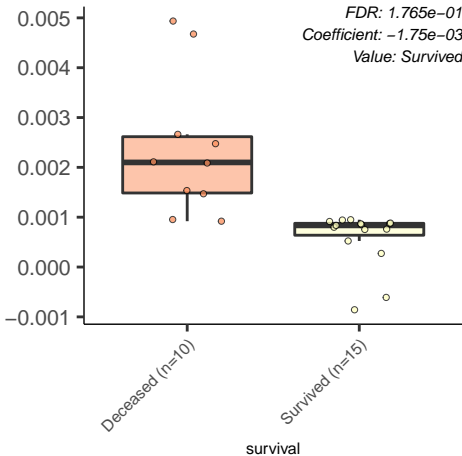
survival



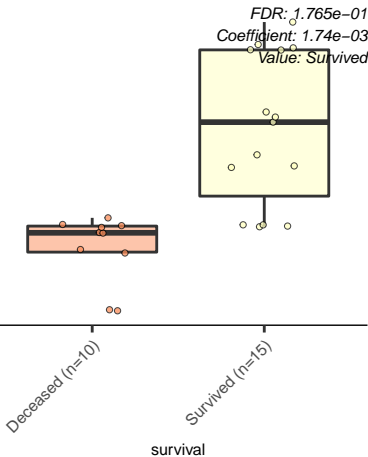
GO.0032559.adenyl.ribonucleotide.binding

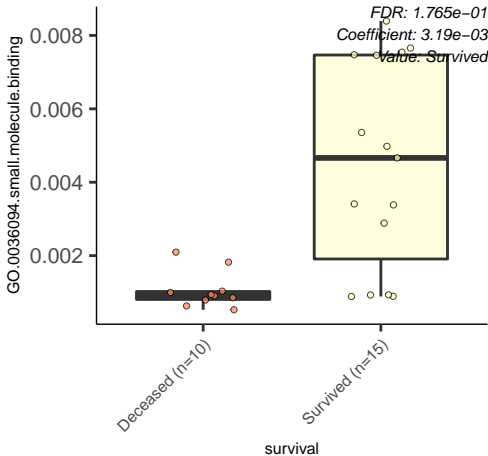


GO.0034654.nucleobase.containing.compound.biosynthet



GO.0035639.purine.ribonucleoside.triphosphate.binc





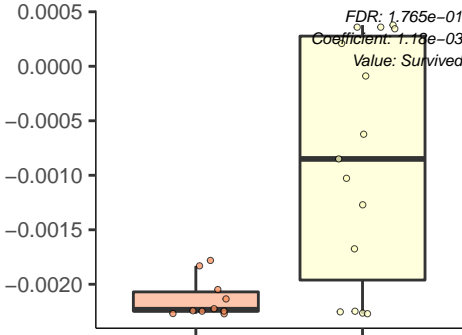
GO.0043412.macromolecule.modification

Deceased (n=10)

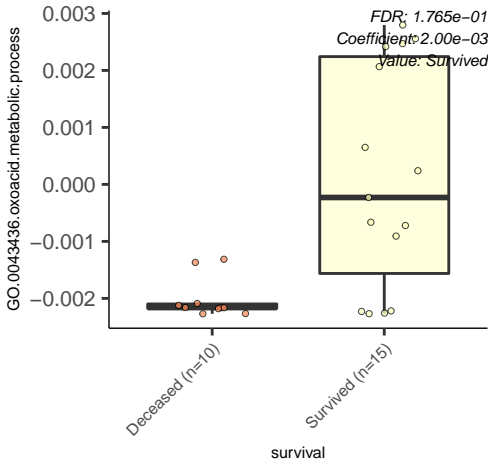
Survived (n=15)

survival

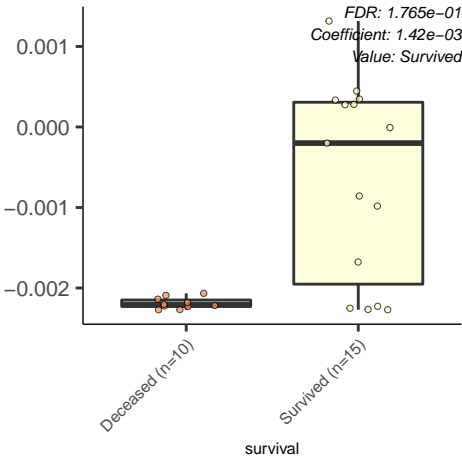
FDR: 1.765e-01  
Coefficient: 1.18e-03  
Value: Survived



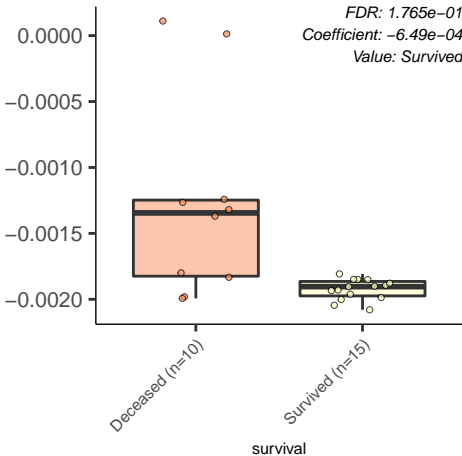




GO.0044267.cellular.protein.metabolic.process



GO.0044409.entry.into.host



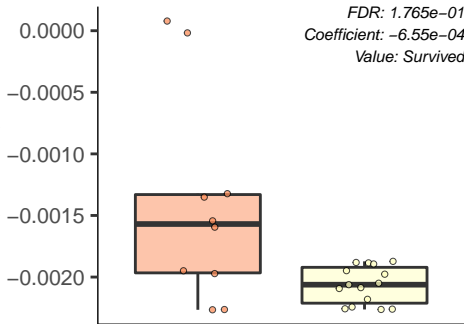
GO.0044826.viral.genome.integration.into.host.DN

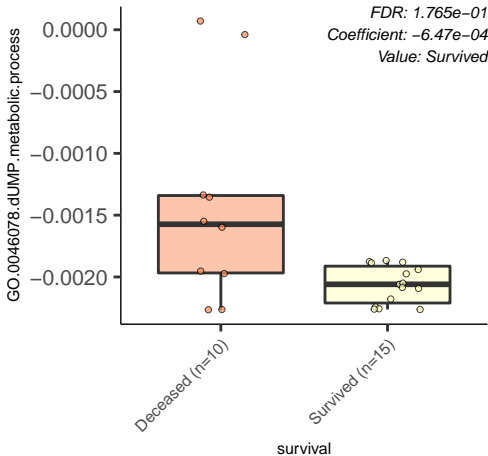
*FDR: 1.765e-01*  
*Coefficient: -6.55e-04*  
*Value: Survived*

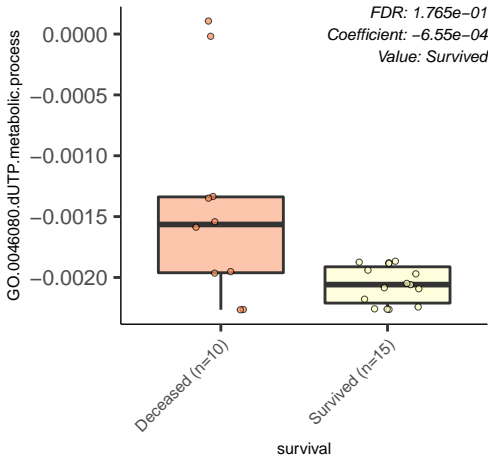
Deceased (n=10)

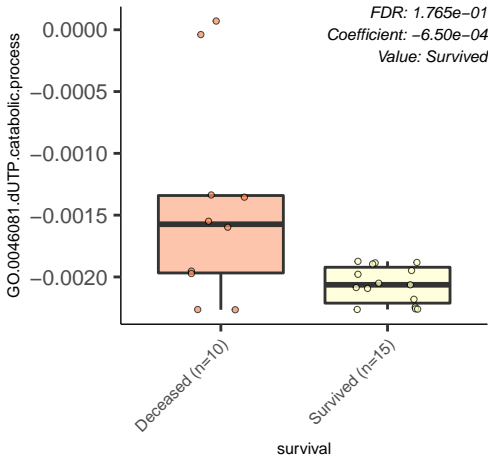
Survived (n=15)

survival









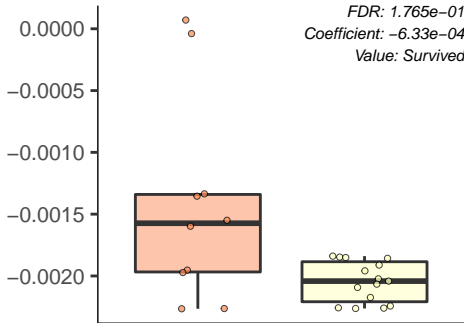
GO.0046385.deoxyribose.phosphate.biosynthetic.pro

*FDR: 1.765e-01*  
*Coefficient: -6.33e-04*  
*Value: Survived*

Deceased (n=10)

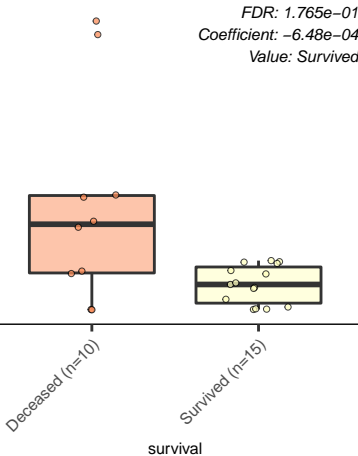
Survived (n=15)

survival

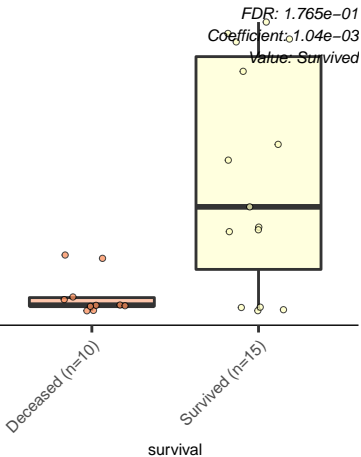


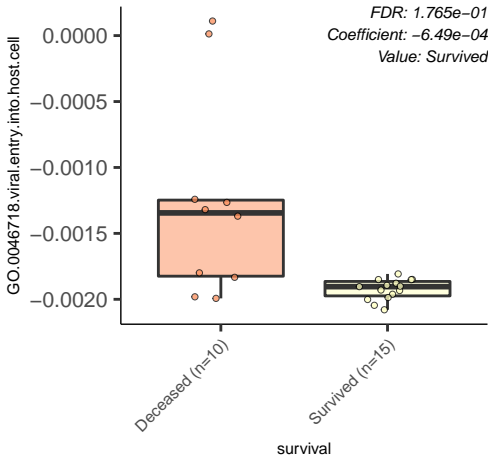


GO.0046386.deoxyribose.phosphate.catabolic.proce



GO.0046394.carboxylic.acid.biosynthetic.process





GO.0046914.transition.metal.ion.binding

FDR:  $1.765e-01$   
Coefficient:  $-4.44e-04$   
Value: Survived

Deceased (n=10)

Survived (n=15)

survival

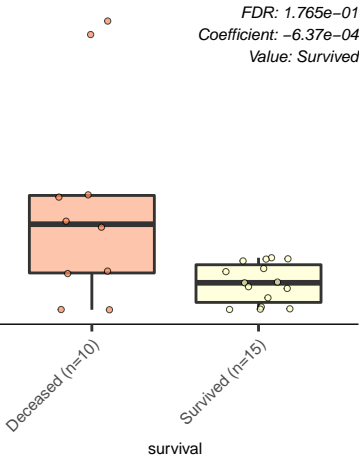
0.0000

-0.0005

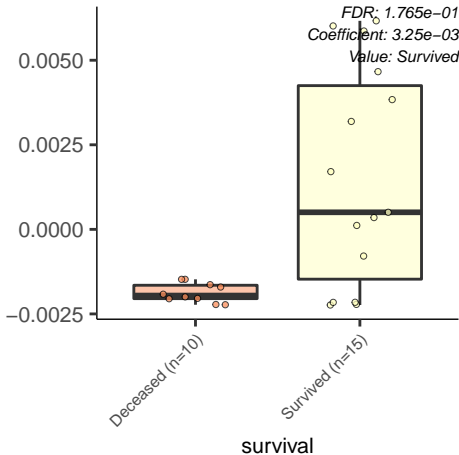
-0.0010

-0.0015

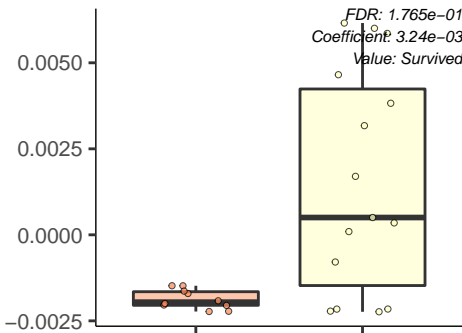
GO.0047429.nucleoside.triphosphate.diphosphatase.a



GO.0051179.localization



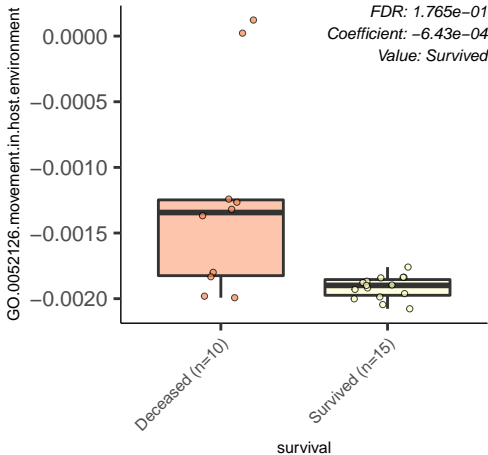
GO.0051234.establishment.of.localization



Deceased (n=10)

Survived (n=15)

survival





GO.0055085.transmembrane.transport

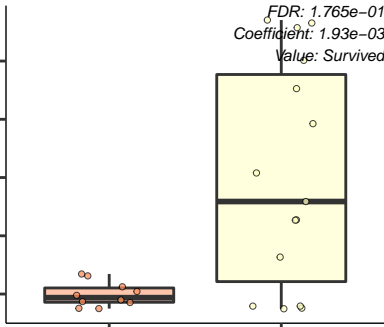
Deceased (n=10)

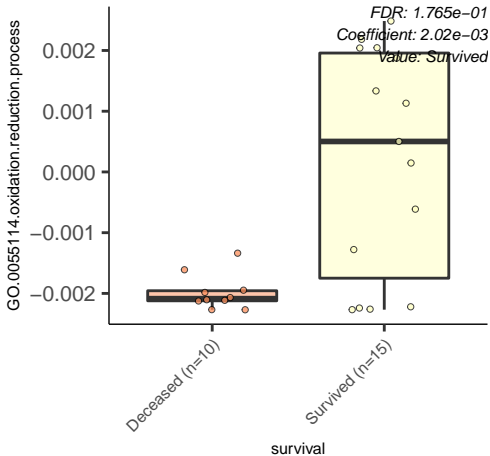
Survived (n=15)

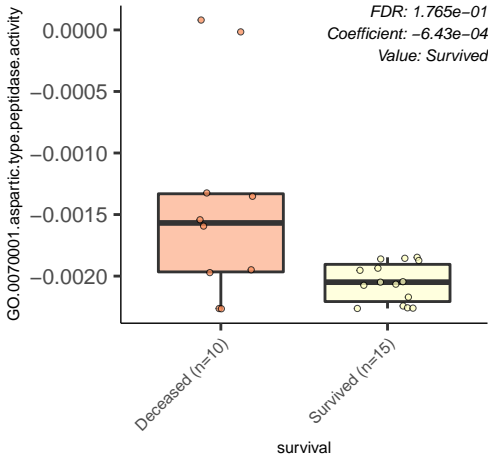
survival

FDR: 1.765e-01  
Coefficient: 1.93e-03  
Value: Survived

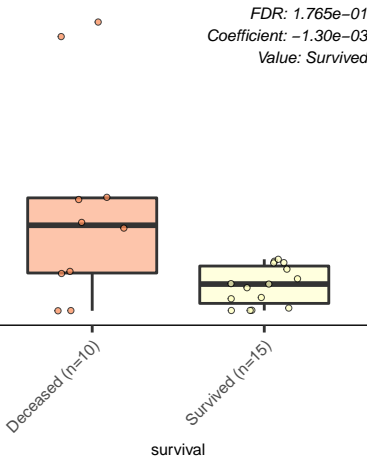
0.002  
0.001  
0.000  
-0.001  
-0.002







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



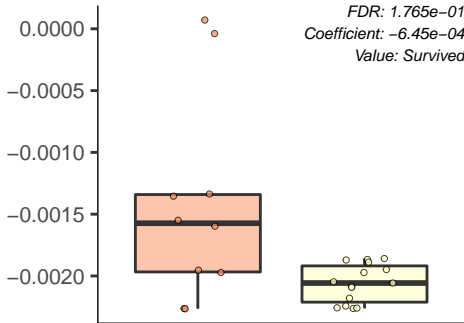
GO.0072529.pyrimidine.containing.compound.catabolic.p

FDR: 1.765e-01  
Coefficient: -6.45e-04  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival



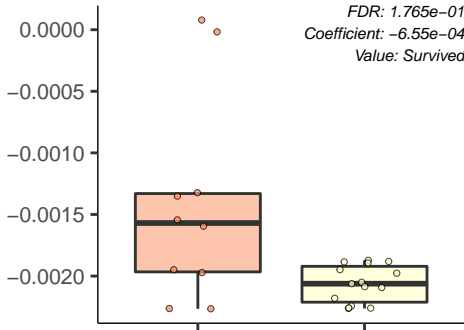
GO.0075713.establisment.of.integrated.proviral.late

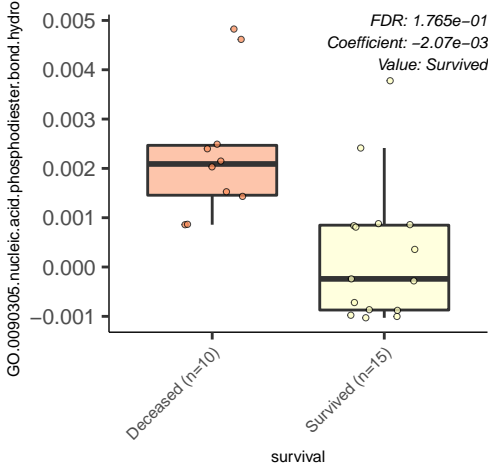
*FDR: 1.765e-01*  
*Coefficient: -6.55e-04*  
*Value: Survived*

Deceased (n=10)

Survived (n=15)

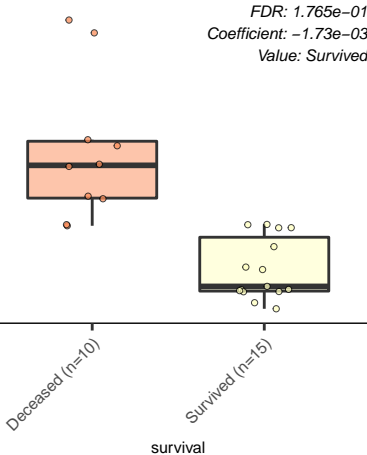
survival





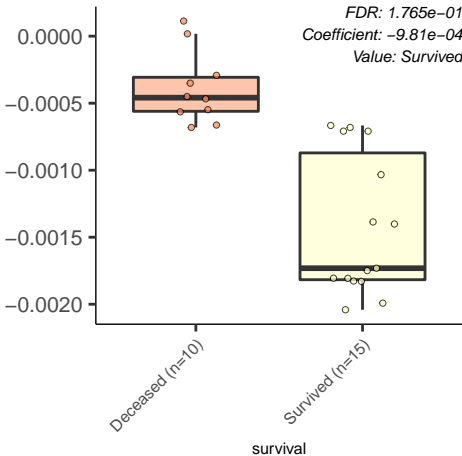
GO.0090501.RNA.phosphodiester.bond.hydrolysis

FDR: 1.765e-01  
Coefficient: -1.73e-03  
Value: Survived

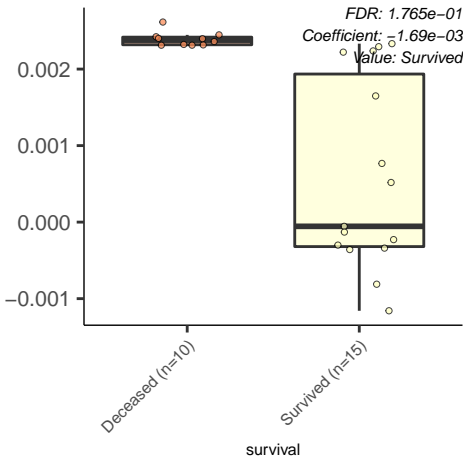




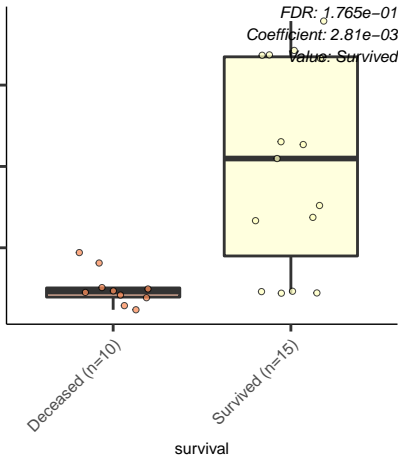
GO.0090503.RNA.phosphodiester.bond.hydrolysis..exonu



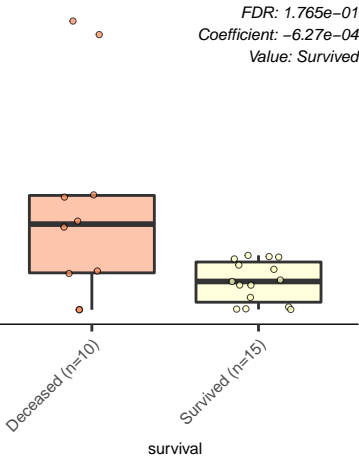
GO.0140098.catalytic.activity..acting.on.RNA



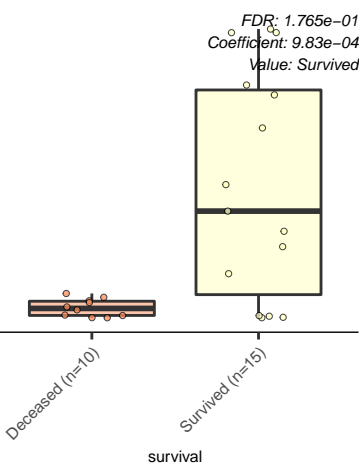
GO.1901265.nucleoside.phosphate.binding



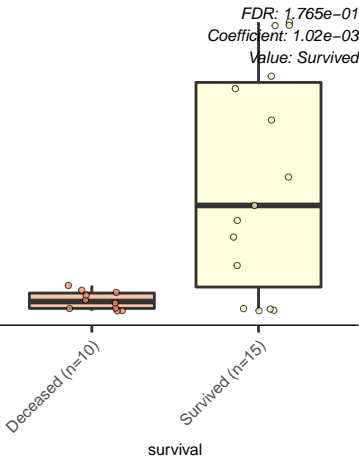
GO.1901292.nucleoside.phosphate.catabolic.proce



GO.1903506.regulation.of.nucleic.acid.templated.transcription



GO.2000112.regulation.of.cellular.macromolecule.biosynthe



GO.0071702.organic.substance.transport

FDR: 1.795e-01  
Coefficient: 1.06e-03  
Value: Survived

0.000

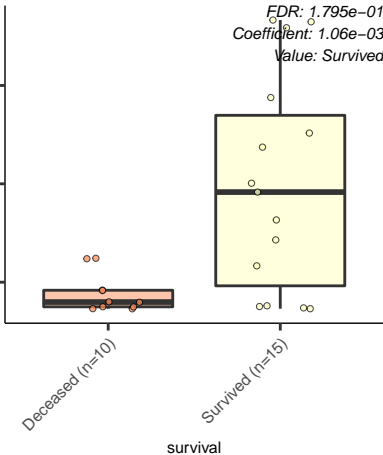
-0.001

-0.002

Deceased (n=10)

Survived (n=15)

survival



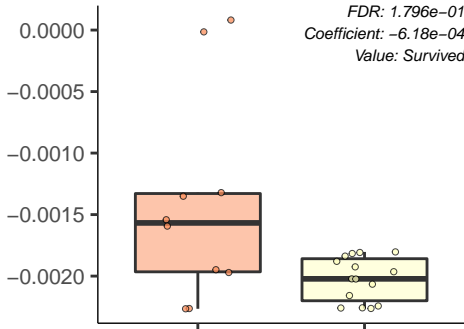
GO.0004521.endoribonuclease.activity

*FDR: 1.796e-01*  
*Coefficient: -6.18e-04*  
*Value: Survived*

Deceased (n=10)

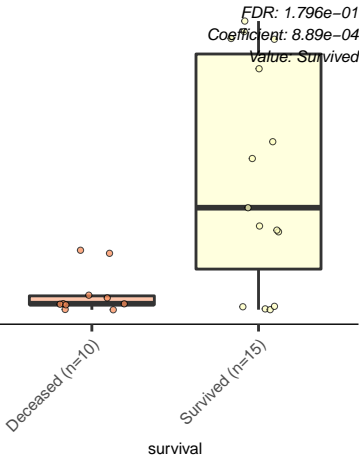
Survived (n=15)

survival





GO.0008652.cellular.amino.acid.biosynthetic.proce



GO.0009129.pyrimidine.nucleoside.monophosphate.metabo

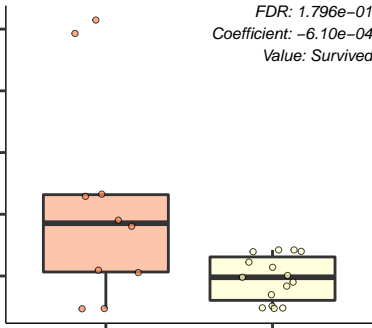
FDR: 1.796e-01  
Coefficient: -6.10e-04  
Value: Survived

Deceased (n=10)

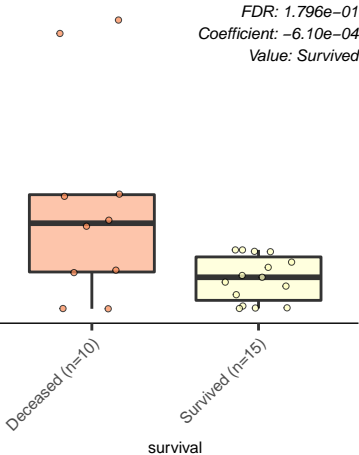
Survived (n=15)

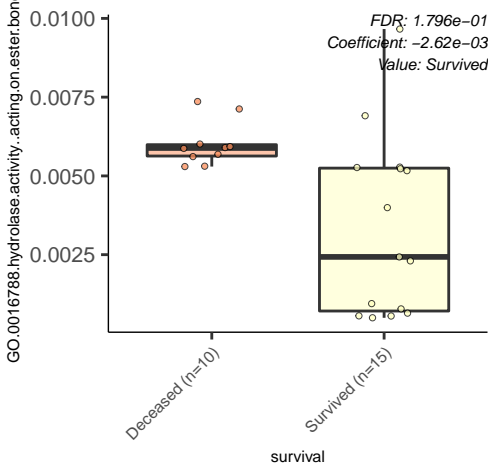
survival

0.0000  
-0.0005  
-0.0010  
-0.0015  
-0.0020

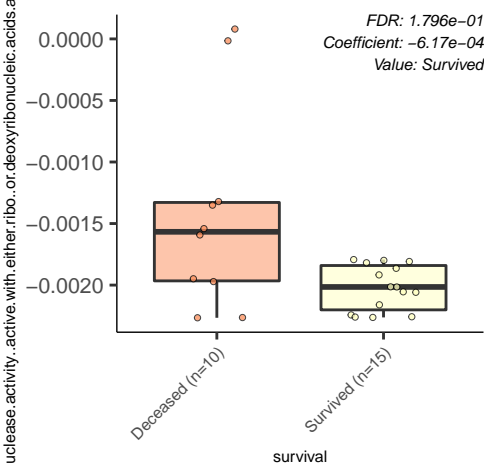


GO.0009130.pyrimidine.nucleoside.monophosphate.biosynth

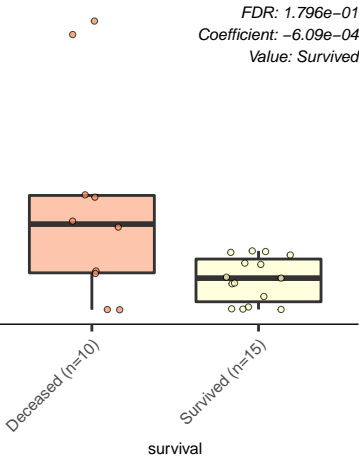




onuclease.activity..active.with.either.ribo...or.deoxyribonucleic.acids.a



GO.0046434.organophosphate.catabolic.process



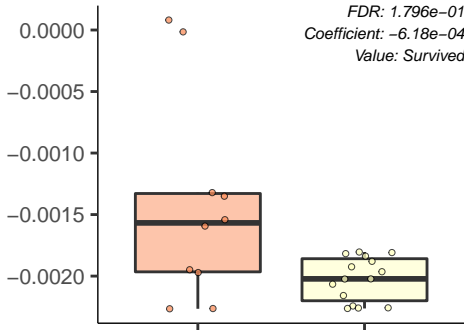
GO.0090502.RNA.phosphodiester.bond.hydrolysis..endon

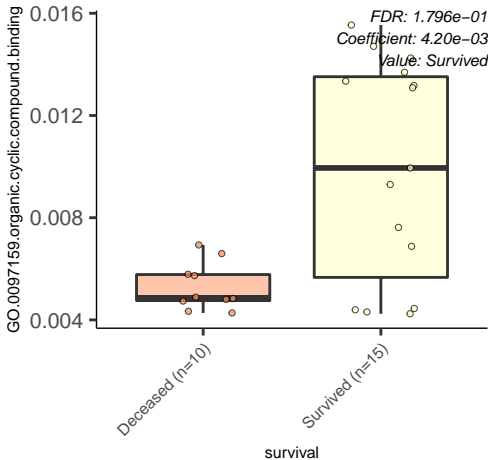
FDR: 1.796e-01  
Coefficient: -6.18e-04  
Value: Survived

Deceased (n=10)

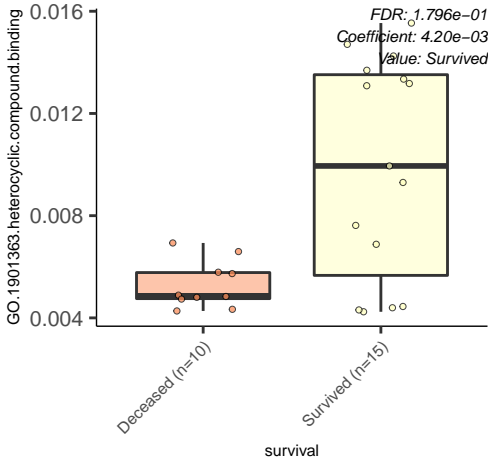
Survived (n=15)

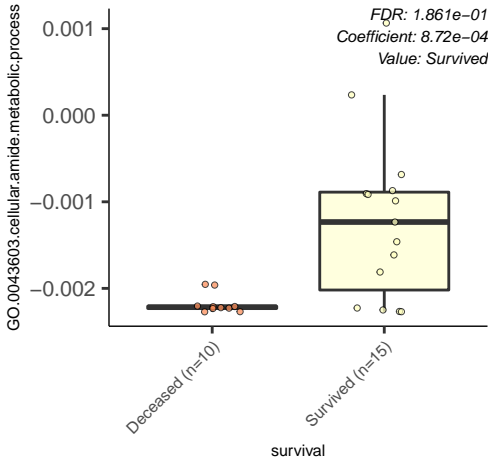
survival

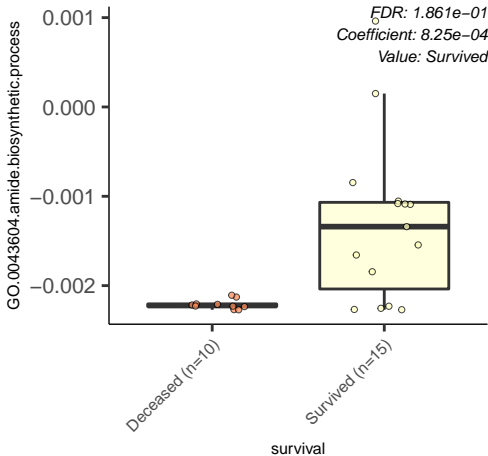












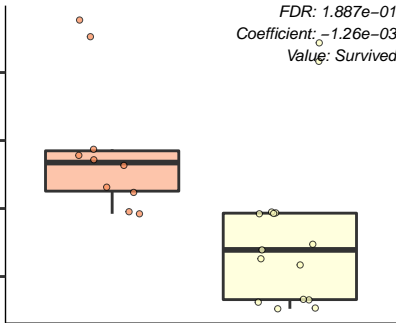
GO.0016779.nucleotidyltransferase.activity

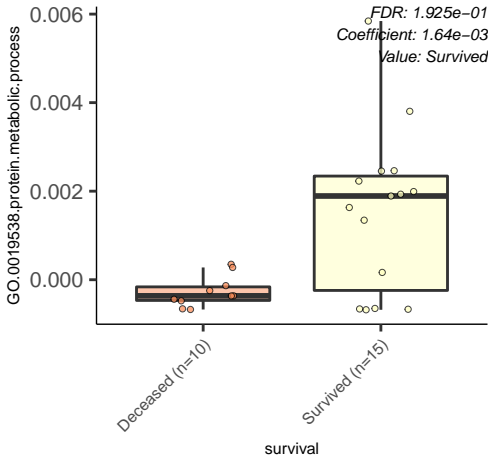
FDR: 1.887e-01  
Coefficient: -1.26e-03  
Value: Survived

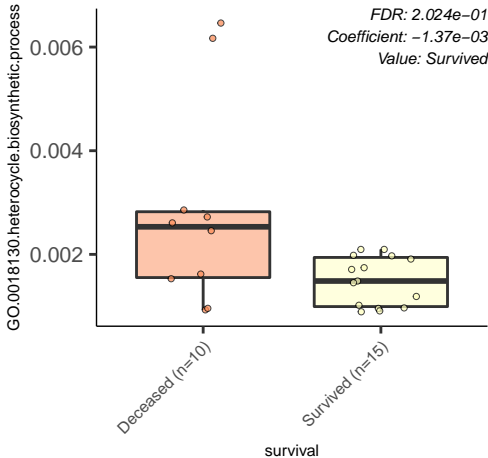
Deceased (n=10)

Survived (n=15)

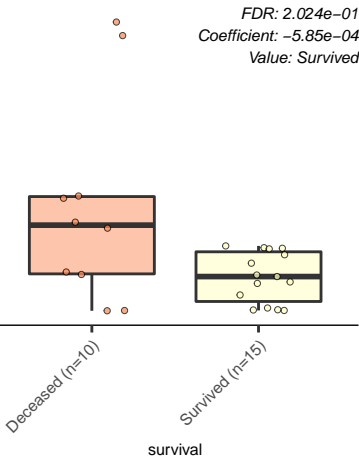
survival



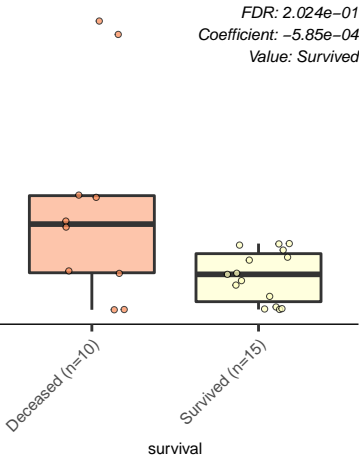




GO.0034404.nucleobase.containing.small.molecule.biosynth



GO.1901136.carbohydrate.derivative.catabolic.proce





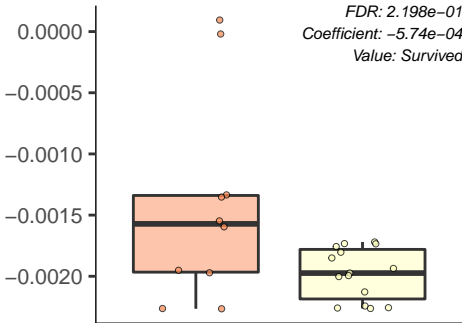
GO.0034655.nucleobase.containing.compound.catabolic

FDR: 2.198e-01  
Coefficient: -5.74e-04  
Value: Survived

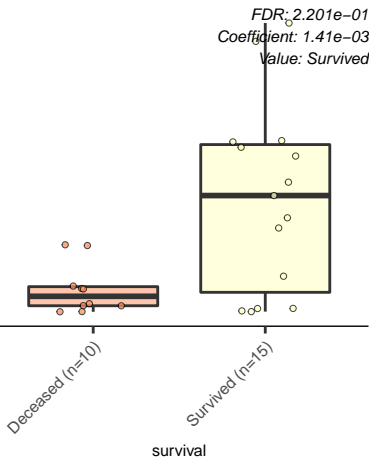
Deceased (n=10)

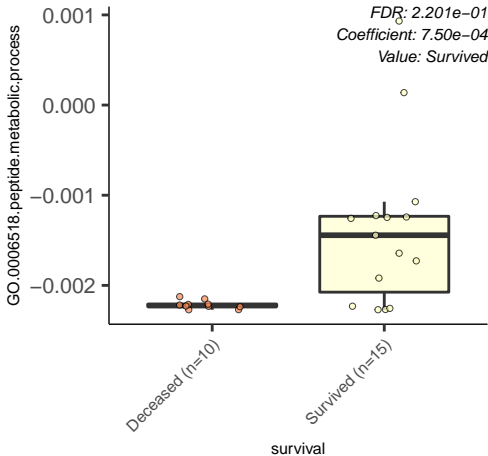
Survived (n=15)

survival



GO.0005975.carbohydrate.metabolic.process





GO.0009889.regulation.of.biosynthetic.process

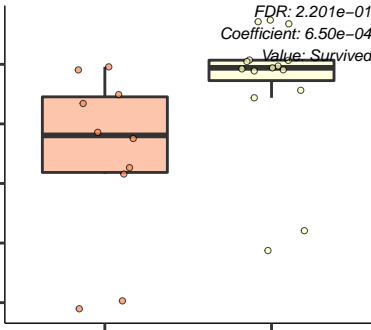
Deceased (n=10)

Survived (n=15)

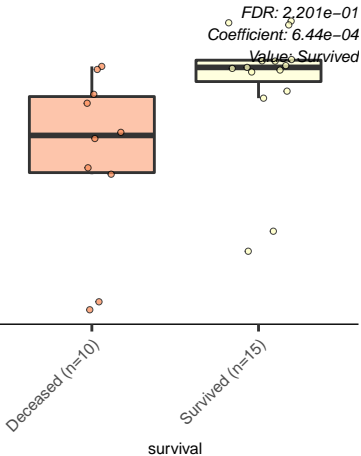
survival

FDR: 2.201e-01  
Coefficient: 6.50e-04  
Value: Survived

0.0000  
-0.0005  
-0.0010  
-0.0015  
-0.0020



GO.0010556.regulation.of.macromolecule.biosynthetic.p



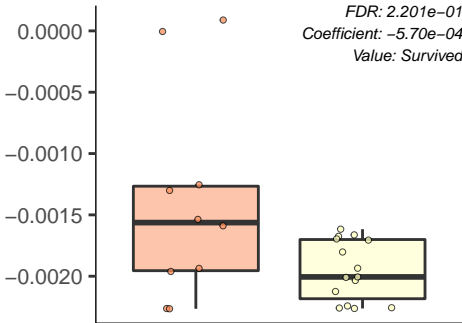
GO.0015074.DNA.integration

*FDR: 2.201e-01*  
*Coefficient: -5.70e-04*  
*Value: Survived*

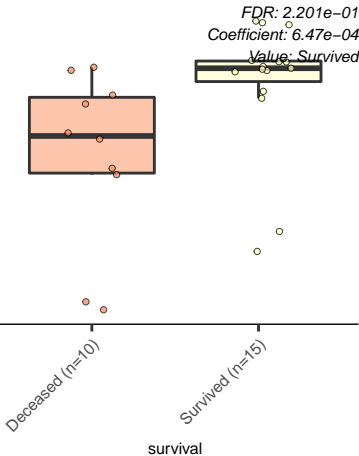
Deceased (n=10)

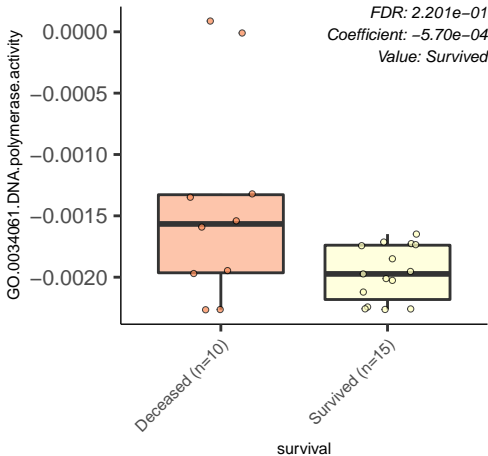
Survived (n=15)

survival

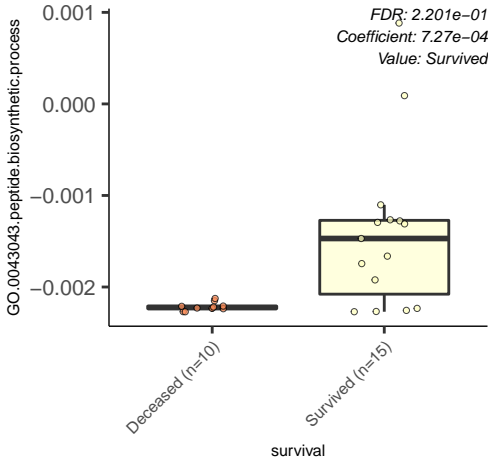


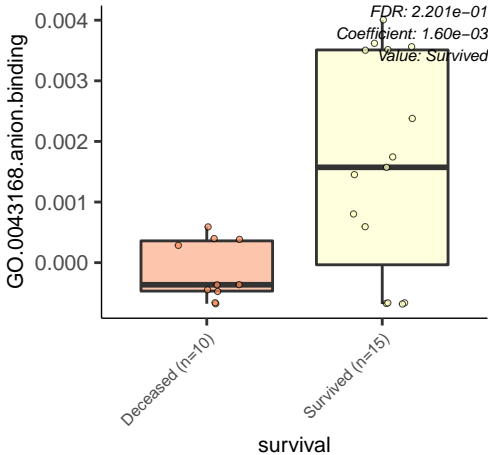
GO.0031326.regulation.of.cellular.biosynthetic.proce



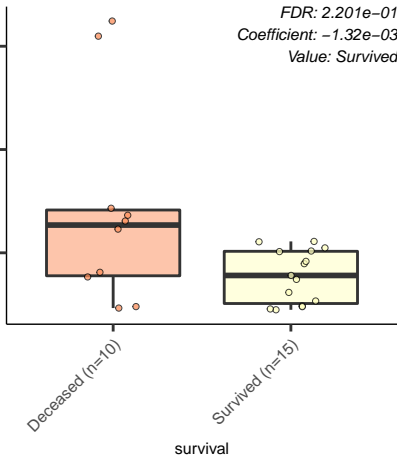




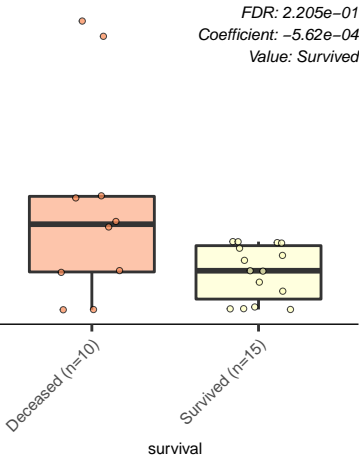




GO.1901362.organic.cyclic.compound.biosynthetic.pro



GO.0009141.nucleoside.triphosphate.metabolic.pro



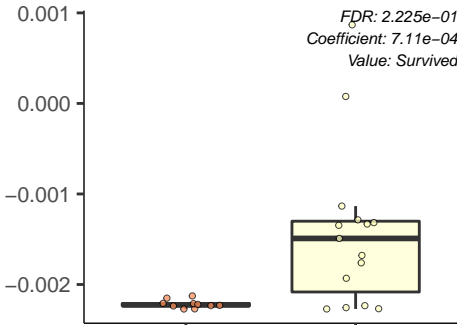
GO.0006412.translation

FDR: 2.225e-01  
Coefficient: 7.11e-04  
Value: Survived

Deceased (n=10)

Survived (n=15)

survival



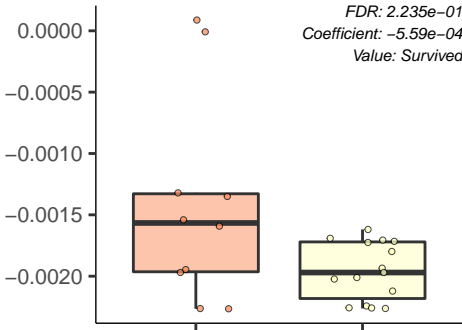
GO.0071897.DNA.biosynthetic.process

*FDR: 2.235e-01*  
*Coefficient: -5.59e-04*  
*Value: Survived*

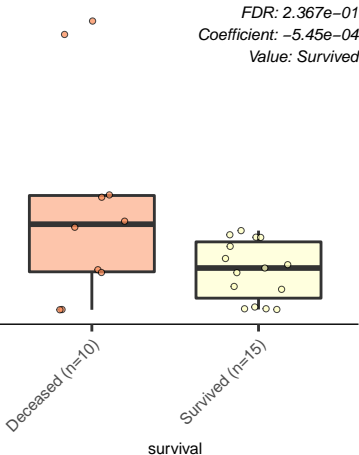
Deceased (n=10)

Survived (n=15)

survival



GO.0006221.pyrimidine.nucleotide.biosynthetic.pro



GO.0003723.RNA.binding

FDR: 2.376e-01  
Coefficient: 7.91e-04  
Value: Survived

0.002  
0.001  
0.000  
-0.001  
-0.002

Deceased (n=10)

Survived (n=15)

survival

