

Feilmelding under eca kjøring.

Hvorfor bare 9 prosjekter kjørt?

> system.time(automatedRstoxTest(copyFromServer=FALSE, process=c("run", "diff"), nlines=50, skipError=TRUE))

Copying projects from

"C:/Users/atlet/workspace/stox/project/StoXVerTest/StagedProjOrig/Rstox\_1.9.2\_StoXLib\_1.87\_eca\_0.9"

to

C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/ProjOrig/Rstox\_1.9.2\_StoXLib\_1.87\_eca\_0.9

Copying projects from

"C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/ProjOrig/Rstox\_1.9.2\_StoXLib\_1.87\_eca\_0.9"

to

C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj

------------------------------------------------------------

Running project 1: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/Bar\_Se\_Nort\_Arc\_co\_bo\_tr\_in\_i\_wi\_2017\_bioticV1.4:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 15 (out of 15 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadBioticXML

Process output FilterBiotic

Process output DefineStrata

Process output StratumArea

Process output StationLengthDist

Process output RegroupLengthDist

Process output DefineSweptAreaPSU

Process output TotalLengthDist

Process output SweptAreaDensity

Process output MeanDensity\_Stratum

Process output AbundanceByLength

Process output IndividualDataStations

Process output IndividualData

Process output SuperIndAbundance

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Running report process 1 to 2 (out of 2 processes)

Reading:

Baseline parameters

Process output FillMissingData

Process output EstimateByPopulationCategory

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Reading:

Process output SuperIndAbundance

Running 50 bootstrap replicates (using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~03m 13s |++++++++ | 15% ~01m 37s |++++++++++++ | 23% ~01m 09s |++++++++++++++++ | 31% ~50s |++++++++++++++++++++ | 38% ~37s |++++++++++++++++++++++++ | 46% ~28s |+++++++++++++++++++++++++++ | 54% ~21s |+++++++++++++++++++++++++++++++ | 62% ~16s |+++++++++++++++++++++++++++++++++++ | 69% ~12s |+++++++++++++++++++++++++++++++++++++++ | 77% ~08s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~05s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~02s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 30s

Imputing missing data (50 replicates, using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~01m 51s |++++++++ | 15% ~01m 15s |++++++++++++ | 23% ~01m 00s |++++++++++++++++ | 31% ~51s |++++++++++++++++++++ | 38% ~44s |++++++++++++++++++++++++ | 46% ~37s |+++++++++++++++++++++++++++ | 54% ~31s |+++++++++++++++++++++++++++++++ | 62% ~25s |+++++++++++++++++++++++++++++++++++ | 69% ~20s |+++++++++++++++++++++++++++++++++++++++ | 77% ~15s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~10s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~05s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 01m 03s

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

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Running project 2: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/Bar\_Se\_Nort\_Arc\_co\_bo\_tr\_in\_i\_wi\_2017\_bioticV3.0:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 15 (out of 15 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadBioticXML

Process output FilterBiotic

Process output DefineStrata

Process output StratumArea

Process output StationLengthDist

Process output RegroupLengthDist

Process output DefineSweptAreaPSU

Process output TotalLengthDist

Process output SweptAreaDensity

Process output MeanDensity\_Stratum

Process output AbundanceByLength

Process output IndividualDataStations

Process output IndividualData

Process output SuperIndAbundance

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Running report process 1 to 2 (out of 2 processes)

Reading:

Baseline parameters

Process output FillMissingData

Process output EstimateByPopulationCategory

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Reading:

Process output SuperIndAbundance

Running 50 bootstrap replicates (using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~03m 40s |++++++++ | 15% ~01m 50s |++++++++++++ | 23% ~01m 14s |++++++++++++++++ | 31% ~53s |++++++++++++++++++++ | 38% ~39s |++++++++++++++++++++++++ | 46% ~30s |+++++++++++++++++++++++++++ | 54% ~23s |+++++++++++++++++++++++++++++++ | 62% ~17s |+++++++++++++++++++++++++++++++++++ | 69% ~13s |+++++++++++++++++++++++++++++++++++++++ | 77% ~09s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~06s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~03s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 32s

Imputing missing data (50 replicates, using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~01m 56s |++++++++ | 15% ~01m 18s |++++++++++++ | 23% ~01m 04s |++++++++++++++++ | 31% ~54s |++++++++++++++++++++ | 38% ~46s |++++++++++++++++++++++++ | 46% ~39s |+++++++++++++++++++++++++++ | 54% ~33s |+++++++++++++++++++++++++++++++ | 62% ~27s |+++++++++++++++++++++++++++++++++++ | 69% ~21s |+++++++++++++++++++++++++++++++++++++++ | 77% ~16s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~10s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~05s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 01m 07s

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

------------------------------------------------------------

Running project 3: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/Cod 2004 Eco StationSpecCatDensity:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 12 (out of 12 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadBioticXML

Process output DefineSpecCat

Process output FilterBiotic

Process output StationLengthDist

Process output RegroupLengthDist

Process output DefineStrata

Process output StratumArea

Process output DefineSweptAreaPSU

Process output TotalLengthDist

Process output SweptAreaDensity

Process output StationSpecCatDensity

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Reading:

Baseline parameters

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

------------------------------------------------------------

Running project 4: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output DefineAgeErrorMatrix

Process output DefineStrata

Process output ReadBioticXML

Process output FilterBiotic

Process output DefineStratumNeighbour

Process output ReadLandingXML

Process output FilterLanding

Process output ApplyPosToLanding

Process output ConvertLengthAndWeight

Process output ApplyPosToBiotic

Process output AssignLandingToStratum

Process output AssignBioticToStratum

Process output DefineTemporalLanding

Process output DefineTemporalBiotic

Process output DefineGearLanding

Process output DefineGearBiotic

Process output DefineSpatialLanding

Process output DefineSpatialBiotic

Process output DefinePlatformBiotic

Process output BioticCovData

Process output LandingCovData

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Reading:

Baseline parameters

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output BioticCovData

Process output LandingCovData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Loading required namespace: eca

######

Running ECA with model configuration:

Length given age model:

"covariate" "random" "CAR" "continuous" "in.landings" "nlev" "interaction" "in.slopeModel"

"constant" 0 0 0 1 1 0 1

"temporal" 0 0 0 1 4 0 0

"gearfactor" 1 0 0 1 5 0 0

"spatial" 1 0 0 1 15 0 0

"platformfactor" 1 0 0 0 66 0 0

individuals: 6263

Weight given length model:

"covariate" "random" "CAR" "continuous" "in.landings" "nlev" "interaction" "in.slopeModel"

"constant" 0 0 0 1 1 0 1

"temporal" 0 0 0 1 4 0 0

"gearfactor" 1 0 0 1 5 0 0

"spatial" 1 0 0 1 15 0 0

"platformfactor" 1 0 0 0 68 0 0

individuals: 6843

Run-parameters:

"lengthresCM" "0.5"

"resultdir" "C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca"

"maxlength" "37.5"

"minage" "1"

"maxage" "20"

"delta.age" "0.001"

"caa.burnin" "100"

"burnin" "100"

"nSamples" "1000"

"thin" "1"

"fitfile" "fit"

"predictfile" "pred"

"lgamodel" "log-linear"

"CC" "FALSE"

"CCerror" "FALSE"

"age.error" "FALSE"

######

Create new directory C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles/

Create new directory C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/resfiles/

Write to ascii file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//common\_par\_fit\_ascii

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//priorList

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//stoxdata\_age

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//stoxdata\_lga

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//stoxdata\_wgl

Success fitting age and lga model

Success fitting wgl model

Write to ascii file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//common\_par\_predict\_ascii

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//data\_catch

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_sild\_2015/output/r/data/reca/cfiles//dist\_cell

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Running project 5: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output DefineAgeErrorMatrix

Process output DefineStrata

Process output DefineStratumNeighbour

Process output ReadLandingXML

Process output FilterLanding

Process output ApplyPosToLanding

Process output ReadBioticXML

Process output FilterBiotic

Process output ConvertLengthAndWeight

Process output ApplyPosToBiotic

Process output AssignLandingToStratum

Process output AssignBioticToStratum

Process output DefineTemporalLanding

Process output DefineTemporalBiotic

Process output DefineGearLanding

Process output DefineGearBiotic

Process output DefineSpatialLanding

Process output DefineSpatialBiotic

Process output DefinePlatformBiotic

Process output BioticCovData

Process output LandingCovData

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Reading:

Baseline parameters

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output BioticCovData

Process output LandingCovData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

######

Running ECA with model configuration:

Length given age model:

"covariate" "random" "CAR" "continuous" "in.landings" "nlev" "interaction" "in.slopeModel"

"constant" 0 0 0 1 1 0 1

"temporal" 0 0 0 1 4 0 0

"gearfactor" 1 0 0 1 7 0 0

"spatial" 1 0 0 1 37 0 0

"platformfactor" 1 0 0 0 281 0 0

individuals: 16074

Weight given length model:

"covariate" "random" "CAR" "continuous" "in.landings" "nlev" "interaction" "in.slopeModel"

"constant" 0 0 0 1 1 0 1

"temporal" 0 0 0 1 4 0 0

"gearfactor" 1 0 0 1 7 0 0

"spatial" 1 0 0 1 37 0 0

"platformfactor" 1 0 0 0 282 0 0

individuals: 28734

Run-parameters:

"lengthresCM" "1"

"resultdir" "C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca"

"maxlength" "156"

"minage" "1"

"maxage" "20"

"delta.age" "0.001"

"caa.burnin" "100"

"burnin" "100"

"nSamples" "200"

"thin" "1"

"fitfile" "fit"

"predictfile" "pred"

"lgamodel" "log-linear"

"CC" "FALSE"

"CCerror" "FALSE"

"age.error" "FALSE"

######

Create new directory C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles/

Create new directory C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/resfiles/

Write to ascii file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//common\_par\_fit\_ascii

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//priorList

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//stoxdata\_age

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//stoxdata\_lga

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//stoxdata\_wgl

Success fitting age and lga model

Success fitting wgl model

Write to ascii file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//common\_par\_predict\_ascii

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//data\_catch

Write to binary file C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/ECA\_torsk\_2015/output/r/data/reca/cfiles//dist\_cell

------------------------------------------------------------

Running project 6: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/IBTS Q3 DATRAS\_2018:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 3 (out of 3 processes)

Reading:

Baseline parameters

Process output ReadBioticXML

Process output FilterBiotic

Process output DATRASConvert

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Reading:

Baseline parameters

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Running baseline process 1 to 3 (out of 3 processes)

Reading:

Baseline parameters

Process output ReadBioticXML

Process output FilterBiotic

Process output DATRASConvert

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

trying URL 'https://vocab.ices.dk/services/rdf/collection/TS\_Ship'

Content type 'application/xml; charset=utf-8' length 47047 bytes (45 KB)

downloaded 45 KB

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Running project 7: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/Nor\_Se\_NOR\_le\_san\_aco\_abu\_est\_i\_sp\_2017\_bioticV1.4:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadAcousticXML

Process output FilterAcoustic

Process output NASC

Process output ReadBioticXML

Process output FilterBiotic

Process output StationLengthDist

Process output RegroupLengthDist

Process output DefineStrata

Process output StratumArea

Process output DefineAcousticTransect

Process output MeanNASC

Process output BioStationAssignment

Process output BioStationWeighting

Process output TotalLengthDist

Process output AcousticDensity

Process output MeanDensity\_Stratum

Process output SumDensity\_Stratum

Process output Abundance

Process output IndividualDataStations

Process output IndividualData

Process output SuperIndAbundance

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Running report process 1 to 2 (out of 2 processes)

Reading:

Baseline parameters

Process output FillMissingData

Process output EstimateByPopulationCategory

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

[1] "Global RSE of NASC is 13.74 %"

Reading:

Process output SuperIndAbundance

Running 50 bootstrap replicates (using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~04m 18s |++++++++ | 15% ~02m 03s |++++++++++++ | 23% ~01m 22s |++++++++++++++++ | 31% ~57s |++++++++++++++++++++ | 38% ~42s |++++++++++++++++++++++++ | 46% ~33s |+++++++++++++++++++++++++++ | 54% ~32s |+++++++++++++++++++++++++++++++ | 62% ~31s |+++++++++++++++++++++++++++++++++++ | 69% ~25s |+++++++++++++++++++++++++++++++++++++++ | 77% ~20s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~14s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~07s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 01m 24s

Imputing missing data (50 replicates, using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~01m 24s |++++++++ | 15% ~50s |++++++++++++ | 23% ~38s |++++++++++++++++ | 31% ~31s |++++++++++++++++++++ | 38% ~26s |++++++++++++++++++++++++ | 46% ~21s |+++++++++++++++++++++++++++ | 54% ~17s |+++++++++++++++++++++++++++++++ | 62% ~14s |+++++++++++++++++++++++++++++++++++ | 69% ~11s |+++++++++++++++++++++++++++++++++++++++ | 77% ~08s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~05s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~03s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 33s

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 NA 17682.932389 25362.529276 31274.82111 24803.46219 4180.22341 0.1685339

2 1 11096.728586 15288.355516 19397.37567 15399.42693 2624.68888 0.1704407

3 2 1.038974 42.865490 62.10444 38.63342 18.11941 0.4690087

4 3 891.235064 1326.571265 2085.78985 1373.59436 382.14032 0.2782046

5 4 222.411211 334.943452 699.84211 365.04894 184.66520 0.5058642

6 5 0.000000 8.829483 30.85955 10.59831 10.60520 1.0006498

7 6 0.000000 13.322347 33.34806 13.50883 14.66278 1.0854224

8 7 0.000000 13.732257 28.30718 13.58571 11.87486 0.8740701

9 8 35.323274 180.701761 363.54862 208.71031 127.71614 0.6119302

10 9 0.000000 12.322083 32.56348 12.57503 12.21522 0.9713870

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 NA 0.000000 0.00000 25.77920 3.073297 9.888738 3.2176313

2 1 29121.399302 37581.84650 46449.67308 37325.820966 5118.285902 0.1371245

3 2 5.194869 131.59971 268.50273 136.920663 81.899894 0.5981558

4 3 2248.274388 3564.64746 5272.53250 3571.537105 934.766936 0.2617268

5 4 410.305698 656.40678 901.55262 671.966609 194.675396 0.2897099

6 5 0.000000 22.97216 74.97972 28.409987 31.341209 1.1031758

7 6 0.000000 39.96704 100.04418 40.526484 43.988352 1.0854224

8 7 0.000000 26.54270 91.98783 32.804075 30.686156 0.9354373

9 8 104.314850 386.89768 630.32619 396.049018 192.072955 0.4849727

10 9 0.000000 24.77797 102.31578 32.035815 34.555640 1.0786565

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

------------------------------------------------------------

Running project 8: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/Nor\_Se\_NOR\_le\_san\_aco\_abu\_est\_i\_sp\_2017\_bioticV3.0:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 22 (out of 22 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadAcousticXML

Process output FilterAcoustic

Process output NASC

Process output ReadBioticXML

Process output FilterBiotic

Process output StationLengthDist

Process output RegroupLengthDist

Process output DefineStrata

Process output StratumArea

Process output DefineAcousticTransect

Process output MeanNASC

Process output BioStationAssignment

Process output BioStationWeighting

Process output TotalLengthDist

Process output AcousticDensity

Process output MeanDensity\_Stratum

Process output SumDensity\_Stratum

Process output Abundance

Process output IndividualDataStations

Process output IndividualData

Process output SuperIndAbundance

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Running report process 1 to 2 (out of 2 processes)

Reading:

Baseline parameters

Process output FillMissingData

Process output EstimateByPopulationCategory

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

[1] "Global RSE of NASC is 13.74 %"

Reading:

Process output SuperIndAbundance

Running 50 bootstrap replicates (using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~03m 55s |++++++++ | 15% ~01m 54s |++++++++++++ | 23% ~01m 15s |++++++++++++++++ | 31% ~53s |++++++++++++++++++++ | 38% ~38s |++++++++++++++++++++++++ | 46% ~33s |+++++++++++++++++++++++++++ | 54% ~31s |+++++++++++++++++++++++++++++++ | 62% ~29s |+++++++++++++++++++++++++++++++++++ | 69% ~22s |+++++++++++++++++++++++++++++++++++++++ | 77% ~16s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~10s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~05s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 56s

Imputing missing data (50 replicates, using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~01m 27s |++++++++ | 15% ~51s |++++++++++++ | 23% ~38s |++++++++++++++++ | 31% ~31s |++++++++++++++++++++ | 38% ~25s |++++++++++++++++++++++++ | 46% ~21s |+++++++++++++++++++++++++++ | 54% ~17s |+++++++++++++++++++++++++++++++ | 62% ~14s |+++++++++++++++++++++++++++++++++++ | 69% ~11s |+++++++++++++++++++++++++++++++++++++++ | 77% ~08s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~05s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~03s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 32s

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 NA 17682.932389 25362.529276 31274.82111 24803.46219 4180.22341 0.1685339

2 1 11096.728586 15288.355516 19397.37567 15399.42693 2624.68888 0.1704407

3 2 1.038974 42.865490 62.10444 38.63342 18.11941 0.4690087

4 3 891.235064 1326.571265 2085.78985 1373.59436 382.14032 0.2782046

5 4 222.411211 334.943452 699.84211 365.04894 184.66520 0.5058642

6 5 0.000000 8.829483 30.85955 10.59831 10.60520 1.0006498

7 6 0.000000 13.322347 33.34806 13.50883 14.66278 1.0854224

8 7 0.000000 13.732257 28.30718 13.58571 11.87486 0.8740701

9 8 35.323274 180.701761 363.54862 208.71031 127.71614 0.6119302

10 9 0.000000 12.322083 32.56348 12.57503 12.21522 0.9713870

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 NA 0.000000 0.00000 25.77920 3.073297 9.888738 3.2176313

2 1 29121.399302 37581.84650 46449.67308 37325.820966 5118.285902 0.1371245

3 2 5.194869 131.59971 268.50273 136.920663 81.899894 0.5981558

4 3 2248.274388 3564.64746 5272.53250 3571.537105 934.766936 0.2617268

5 4 410.305698 656.40678 901.55262 671.966609 194.675396 0.2897099

6 5 0.000000 22.97216 74.97972 28.409987 31.341209 1.1031758

7 6 0.000000 39.96704 100.04418 40.526484 43.988352 1.0854224

8 7 0.000000 26.54270 91.98783 32.804075 30.686156 0.9354373

9 8 104.314850 386.89768 630.32619 396.049018 192.072955 0.4849727

10 9 0.000000 24.77797 102.31578 32.035815 34.555640 1.0786565

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

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Running project 9: C:/Users/atlet/workspace/stox/project/StoXVerTest/windows\_7\_x64/Proj/WGBIFS\_2015\_SPLIT\_AND\_SPRAT\_EST\_EXAMPLE\_biotic3.0:

Exporting CSV files (rerunning baseline)...

Running baseline process 1 to 31 (out of 31 processes)

Reading:

Baseline parameters

Process output ReadProcessData

Process output ReadAcousticXML

Process output FilterAcousticSplit

Process output NASCSplit

Process output ReadBioticXML

Process output FilterBioticSplit

Process output StationLengthDistSplit

Process output DefineStrata

Process output DefineAcousticTransect

Process output BioStationAssignment

Process output BioStationWeightingSplit

Process output TotalLengthDistSplit

Process output ReGroupLength

Process output SplitNASCMIX

Process output NASCToAcoustic

Process output WriteAcousticXML

Process output FilterAcoustic

Process output NASC

Process output MeanNASC

Process output FilterBiotic

Process output StationLengthDist

Process output BioStationsWeighting

Process output TotalLengthDist

Process output StratumArea

Process output AcousticDensity

Process output MeanDensity

Process output SumDensity

Process output AbundanceByLength

Process output IndividualDataStations

Process output IndividualData

Process output SuperIndAbundance

Process output WriteProcessData

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

Exporting CSV files (rerunning baseline)...

Running report process 1 to 2 (out of 2 processes)

Reading:

Baseline parameters

Process output FillMissingData

Process output EstimateByPopulationCategory

Process data bioticassignment

Process data suassignment

Process data assignmentresolution

Process data edsupsu

Process data psustratum

Process data stratumpolygon

Process data temporal

Process data gearfactor

Process data spatial

Process data platformfactor

Process data covparam

Process data ageerror

Process data stratumneighbour

[1] "Global RSE of NASC is Inf %"

Reading:

Process output SuperIndAbundance

Running 50 bootstrap replicates (using 4 cores in parallel):

| | 0 % ~calculating |++++ | 8 % ~03m 13s |++++++++ | 15% ~01m 35s |++++++++++++ | 23% ~01m 01s |++++++++++++++++ | 31% ~44s |++++++++++++++++++++ | 38% ~32s |++++++++++++++++++++++++ | 46% ~24s |+++++++++++++++++++++++++++ | 54% ~18s |+++++++++++++++++++++++++++++++ | 62% ~14s |+++++++++++++++++++++++++++++++++++ | 69% ~10s |+++++++++++++++++++++++++++++++++++++++ | 77% ~07s |+++++++++++++++++++++++++++++++++++++++++++ | 85% ~04s |+++++++++++++++++++++++++++++++++++++++++++++++ | 92% ~02s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 25s

Imputing missing data (50 replicates, using 5 cores in parallel):

| | 0 % ~calculating |+++++ | 10% ~01m 10s |++++++++++ | 20% ~44s |+++++++++++++++ | 30% ~33s |++++++++++++++++++++ | 40% ~26s |+++++++++++++++++++++++++ | 50% ~20s |++++++++++++++++++++++++++++++ | 60% ~16s |+++++++++++++++++++++++++++++++++++ | 70% ~11s |++++++++++++++++++++++++++++++++++++++++ | 80% ~07s |+++++++++++++++++++++++++++++++++++++++++++++ | 90% ~04s |++++++++++++++++++++++++++++++++++++++++++++++++++| 100% elapsed = 36s

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 NA 54956.8965 54983.5687 56284.4932 55287.2555 566.20747 0.01024119

2 0 1656.9278 1737.8518 2352.9206 1915.2521 304.99234 0.15924397

3 1 3359.4345 3808.9054 5118.6052 4120.1363 714.65805 0.17345495

4 2 980.6101 1275.7570 1561.3421 1296.3090 218.02278 0.16818735

5 3 766.7480 975.3354 1132.0435 975.4210 136.65259 0.14009601

6 4 1085.8963 1198.3289 1199.4841 1171.8534 48.79668 0.04164060

7 5 816.3555 871.9668 876.0863 860.4327 25.08471 0.02915360

8 6 481.2011 578.4833 706.3254 596.0450 85.67175 0.14373369

9 7 287.4696 370.5385 441.4057 373.2795 57.63791 0.15440954

10 8 272.6695 326.6497 357.0091 316.6623 32.79332 0.10355929

age Ab.Sum.5% Ab.Sum.50% Ab.Sum.95% Ab.Sum.mean Ab.Sum.sd Ab.Sum.cv

1 0 10665.0762 10950.7214 14563.5443 12038.2699 1753.6019 0.14566893

2 1 35871.4280 36450.2723 37036.4006 36447.7907 370.5645 0.01016700

3 2 4820.9476 5353.0514 5880.5879 5330.2534 321.8204 0.06037619

4 3 3651.0738 4013.6594 4459.3707 4058.4159 295.2238 0.07274362

5 4 2943.9286 3273.5529 3780.2642 3308.5571 283.6610 0.08573557

6 5 1984.5203 2553.3212 3237.3837 2553.2742 396.0330 0.15510792

7 6 1210.6565 1712.5431 2301.4909 1706.6594 324.7784 0.19030066

8 7 514.5883 803.0998 991.1317 789.4108 141.0092 0.17862585

9 8 438.0672 681.2233 989.2668 680.0153 173.3888 0.25497782

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

Abundance by age for bootstrap

Abundance by age for bootstrapImpute

user system elapsed

2148.74 155.46 2760.89

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