Package 'R4MFCL'

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Title R funcions for MFCL

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Description miscellaneous funtions for dealing with input to and output from MFCL

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`add.catch.frq` *add.catch.frq.Rd*

Usage

```
add.catch.frq(frq, filepath, fshries)
```

Arguments

`frq`

`filepath`

`fshries`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`add.cpue.frq` *add.cpue.frq.Rd*

Usage

```
add.cpue.frq(CPUE.file = "P:/yft/2009/Data Preparation/CPUE/indices/yft_JPstd_R1
```

Arguments

`CPUE.file`

`data`

`fishery`

`add.cv`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

add.flag *add.flag.Rd*

Usage

```
add.flag(doitall, flagtype, flagnum, newval, phase)
```

Arguments

```
doitall
flagtype
flagnum
newval
phase
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

alb.clean.lfdata *alb.clean.lfdata.Rd*

Usage

```
alb.clean.lfdata(infrq)
```

Arguments

```
infrq
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`alb.initial_clean_2008`
alb.initial_clean_2008.Rd

Usage

```
alb.initial_clean_2008(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`alb.initial_clean_2009`
alb.initial_clean_2009.Rd

Usage

```
alb.initial_clean_2009(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

alb.initial_clean_2011 *alb.initial_clean_2011.Rd*

Usage

```
alb.initial_clean_2011(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

alb.pagocatch_2009 *alb.pagocatch_2009.Rd*

Usage

```
alb.pagocatch_2009(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

carry.effort.frq *carry.effort.frq.Rd*

Usage

```
carry.effort.frq(data = out.data, fishery = 1, last = 2008)
```

Arguments

```
data
fishery
last
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

change.fishflag *change.fishflag.Rd*

Usage

```
change.fishflag(a, fisheries, flagnum, newvals)
```

Arguments

```
a
fisheries
flagnum
newvals
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

change.flag *change.flag.Rd*

Usage

```
change.flag(doitall, flagtype, flagnum, newval)
```

Arguments

doitall

flagtype

flagnum

newval

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

change.negflag *change.negflag.Rd*

Usage

```
change.negflag(doitall, flagtype, flagnum, newval)
```

Arguments

doitall

flagtype

flagnum

newval

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

change.size.frq *change.size.frq.Rd*

Usage

```
change.size.frq(ver = 6, data = data, FISH = 1, LF.FILE = "P:/yft/2009/Data Prep
```

Arguments

ver

data

FISH

LF.FILE

WT.FILE

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

change_data *change_data.Rd*

Usage

```
change_data(obj, searchtext, xlines, newline)
```

Arguments

obj

searchtext

xlines

newline

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`check.eff.devs` *check.eff.devs.Rd*

Usage

```
check.eff.devs(parfile, repfile, frqfile, parlim = 5.9)
```

Arguments

```
parfile
repfile
frqfile
parlim
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`check_flag_value` *check_flag_value.Rd*

Usage

```
check_flag_value(parname, flagtype, flagnums, fishery = NA, flaglist = T)
```

Arguments

```
parname
flagtype
flagnums
fishery
flaglist
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

clean.lfdata *clean.lfdata.Rd*

Usage

```
clean.lfdata(infrq)
```

Arguments

```
infrq
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

compare.ce.frq *compare.ce.frq.Rd*

Usage

```
compare.ce.frq(file1, file2, fm, plotname, fdesc = "")
```

Arguments

```
file1
file2
fm
plotname
fdesc
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

compare.frq *compare.frq.Rd*

Usage

```
compare.frq(file1, file2, fm = "all", plotname, fdesc = "")
```

Arguments

file1
file2
fm
plotname
fdesc

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

compare.size.frq *compare.size.frq.Rd*

Usage

```
compare.size.frq(frq1, frq2, fishery = 5)
```

Arguments

frq1
frq2
fishery

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

compare.size.frq2 *compare.size.frq2.Rd*

Usage

```
compare.size.frq2(frq1, frq2, fishery = 5, wt = T)
```

Arguments

```
frq1
frq2
fishery
wt
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

compare_par_flags *compare_par_flags.Rd*

Usage

```
compare_par_flags(par1, par2, flaglist = T)
```

Arguments

```
par1
par2
flaglist
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

condor.go *condor.go.Rd*

Usage

```
condor.go(run.dir, frq.obj, tag.obj, doitall.obj, ini.obj, sub.obj = suball, spe
```

Arguments

```
run.dir
frq.obj
tag.obj
doitall.obj
ini.obj
sub.obj
species
condor_f
par.obj
run_now
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

condor.go2 *condor.go2.Rd*

Usage

```
condor.go2(run.dir, frq.obj, tag.obj, doitall.obj, ini.obj, sub.obj = suball, sp
```

Arguments

```
run.dir
frq.obj
tag.obj
doitall.obj
ini.obj
sub.obj
species
condor_f
par.obj
run_now
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

Convert.frq.ver6 *Convert.frq.ver6.Rd*

Usage

```
Convert.frq.ver6(a)
```

Arguments

```
a
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

create.missing.ce *create.missing.ce.Rd*

Usage

```
create.missing.ce(data = data, year = 2008)
```

Arguments

```
data
year
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

create.ver6.frq *create.ver6.frq.Rd*

Usage

```
create.ver6.frq(frq = base.frq)
```

Arguments

```
frq
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

crit.fishery.summary *crit.fishery.summary.Rd*

Usage

```
crit.fishery.summary(crit)
```

Arguments

```
crit
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

crit.summary *crit.summary.Rd*

Usage

```
crit.summary(crit, years)
```

Arguments

```
crit

years
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

datfromstr *datfromstr.Rd*

Usage

```
datfromstr(datstring)
```

Arguments

```
datstring
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`do.critical.calcs` *do.critical.calcs.Rd*

Usage

```
do.critical.calcs(repfile = "P:/yft/2007/BaseYFT/yftfinal2007.rep", ests = "P:/y
```

Arguments

`repfile`

`ests`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`doit.rm_flag` *doit.rm_flag.Rd*

Usage

```
doit.rm_flag(a, flagtype, flag, value)
```

Arguments

`a`

`flagtype`

`flag`

`value`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`effortcreep` *effortcreep.Rd*

Usage

```
effortcreep(frq.obj, fisheries, creep)
```

Arguments

`frq.obj`

`fisheries`

`creep`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`fix_growth` *fix_growth.Rd*

Usage

```
fix_growth(a)
```

Arguments

`a`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`frq.change.nint` *frq.change.nint.Rd*

Usage

```
frq.change.nint(in.frq, add.lfint, add.wfint)
```

Arguments

`in.frq`

`add.lfint`

`add.wfint`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`frq.remove.size.or.weight.data` *frq.remove.size.or.weight.data.Rd*

Usage

```
frq.remove.size.or.weight.data(data = test.data, exclude = exclude, size = T, we
```

Arguments

`data`

`exclude`

`size`

`weight`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.critical.age` *get.critical.age.Rd*

Usage

```
get.critical.age(data = Base.rep)
```

Arguments

```
data
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.length.output` *get.length.output.Rd*

Usage

```
get.length.output(REGION = 1, DIR = "P:/yft/2009/Data Preparation/size data/")
```

Arguments

```
REGION

DIR
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.outcomes` *get.outcomes.Rd*

Usage

```
get.outcomes(file.rep, file.par, nofish = T)
```

Arguments

`file.rep`

`file.par`

`nofish`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.outcomes.alb` *get.outcomes.alb.Rd*

Usage

```
get.outcomes.alb(file.rep, file.par, catch.rep, nofish = T, SBcurr_1yr = F)
```

Arguments

`file.rep`

`file.par`

`catch.rep`

`nofish`

`SBcurr_1yr`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.outcomes.test` *get.outcomes.test.Rd*

Usage

```
get.outcomes.test(file.rep, file.par, catch.rep, nofish = T)
```

Arguments

```
file.rep
file.par
catch.rep
nofish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`get.weight.output` *get.weight.output.Rd*

Usage

```
get.weight.output(REGION = 1, DIR = "P:/yft/2009/Data Preparation/size data/")
```

Arguments

```
REGION
DIR
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

initial_clean_2008 *initial_clean_2008.Rd*

Usage

```
initial_clean_2008(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

labels_store *labels_store.Rd*

Usage

```
labels_store(labelfile = basecase.labels)
```

Arguments

```
labelfile
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

load.LFdata *load.LFdata.Rd*

Usage

```
load.LFdata(species = "ALB", gear = "L")
```

Arguments

```
species
gear
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`make.projection.betyft.frq` *make.projection.betyft.frq.Rd*

Usage

```
make.projection.betyft.frq(frq.in = base.frq, fish = 1:24, years = 10)
```

Arguments

`frq.in`

`fish`

`years`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`map_all_pacific` *map_all_pacific.Rd*

Usage

```
map_all_pacific(plot_title = "", lims = c(100, 300, -45, 45), eezfile = "L:/alb/
```

Arguments

`plot_title`

`lims`

`eezfile`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

merge.frq *merge.frq.Rd*

Usage

```
merge.frq(frq.obj, oldf, newf, mergelf = FALSE)
```

Arguments

frq.obj
oldf
newf
mergelf

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

merge.tag *merge.tag.Rd*

Usage

```
merge.tag(tag.obj, oldf, newf)
```

Arguments

tag.obj
oldf
newf

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

merge_tag_objs *merge_tag_objs.Rd*

Usage

```
merge_tag_objs(obj1, obj2, relgrps)
```

Arguments

```
obj1
obj2
relgrps
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

NZtrollglm *NZtrollglm.Rd*

Usage

```
NZtrollglm(frq.obj, fishery, coef.file)
```

Arguments

```
frq.obj
fishery
coef.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

oldsetup *oldsetup.Rd*

Usage

```
oldsetup(oldbasedir)
```

Arguments

```
oldbasedir
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

pack.fisheries.frq *pack.fisheries.frq.Rd*

Usage

```
pack.fisheries.frq(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

pagocatch *pagocatch.Rd*

Usage

```
pagocatch(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.base.comparison *plot.base.comparison.Rd*

Usage

```
plot.base.comparison(baseres, labs)
```

Arguments

```
baseres
labs
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.biomass *plot.biomass.Rd*

Usage

```
plot.biomass(plotdir = "H:/rmfcl/test/figs/", plotrep = test, varfile = NULL, ty
```

Arguments

```
plotdir
plotrep
varfile
type
plotname
plottype
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.biomass.combined *plot.biomass.combined.Rd*

Usage

```
plot.biomass.combined(plotdir = "H:/rmfcl/test/figs/", plotrep = test, varfile =
```

Arguments

plotdir

plotrep

varfile

type

plotname

plottype

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.F.time *plot.F.time.Rd*

Usage

```
plot.F.time(plotdir = "H:/rmfcl/test/figs/", plotrep = "C:/assessments/alb/2008/
```

Arguments

plotdir

plotrep

inifile

plotname

plottype

COL

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.fishery.impact.r *plot.fishery.impact.r.Rd*

Usage

```
plot.fishery.impact.r(plotdir = "H:/rmfcl/test/figs/", type = "Total", plotrep =
```

Arguments

```
plotdir
type
plotrep
impnames
plotname
plottype
COL
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.Kobe *plot.Kobe.Rd*

Usage

```
plot.Kobe(plotdir = "S:/OFP Publications/Tuna Fishery Assessment Report/2007/Fig
```

Arguments

```
plotdir
plotrep
type
plotname
plottype
COL
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.Kobe.template.bw
plot.Kobe.template.bw.Rd

Usage

```
plot.Kobe.template.bw(Type)
```

Arguments

```
Type
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.Kobe.template.col
plot.Kobe.template.col.Rd

Usage

```
plot.Kobe.template.col(Type)
```

Arguments

```
Type
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.mfcl.betyft09 *plot.mfcl.betyft09.Rd*

Usage

```
plot.mfcl.betyft09(lims = c(100, 260, -45, 45))
```

Arguments

```
lims
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.nofishing *plot.nofishing.Rd*

Usage

```
plot.nofishing(plotdir = "H:/rmfcl/test/figs/", plotrep = testq0, type = "SSB",
```

Arguments

```
plotdir
plotrep
type
plotname
plottype
COL
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.nofishing.combined *plot.nofishing.combined.Rd*

Usage

```
plot.nofishing.combined(plotdir = "H:/rmfcl/test/figs/", plotrep = testq0, type
```

Arguments

plotdir

plotrep

type

plotname

plottype

COL

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.pacific.alb *plot.pacific.alb.Rd*

Usage

```
plot.pacific.alb(plot_title = "", eez_dir = "I:/assessments/Pop dy modeling/MFCL
```

Arguments

plot_title

eez_dir

plot_eez

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.pacific.skj *plot.pacific.skj.Rd*

Usage

```
plot.pacific.skj(plot_title = "")
```

Arguments

```
plot_title
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot.pacific.species *plot.pacific.species.Rd*

Usage

```
plot.pacific.species(plot_title = "", uselims = NA, add.WCPFC = F, add.EPO = F,
```

Arguments

```
plot_title
uselims
add.WCPFC
add.EPO
sp
add.EEZ
eez_file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.pacific.WCPFC *plot.pacific.WCPFC.Rd*

Usage

```
plot.pacific.WCPFC(plot_title = "", lims = c(100, 260, -45, 45))
```

Arguments

```
plot_title

lims
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.pacific.yft *plot.pacific.yft.Rd*

Usage

```
plot.pacific.yft(plot_title = "", lims = c(100, 260, -45, 45), add.WCPFC = F)
```

Arguments

```
plot_title

lims

add.WCPFC
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.recruitment *plot.recruitment.Rd*

Usage

```
plot.recruitment(plotdir = "H:/rmfcl/test/figs/", plotrep = test, varfile = NULL
```

Arguments

plotdir

plotrep

varfile

plotname

plottype

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

plot.recruitment.combined
plot.recruitment.combined.Rd

Usage

```
plot.recruitment.combined(plotdir = "H:/rmfcl/test/figs/", plotrep = test, varfi
```

Arguments

plotdir

plotrep

varfile

plotname

plottype

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

plot_cpue_cv_frq *plot_cpue_cv_frq.Rd*

Usage

```
plot_cpue_cv_frq(frq, parf, fisheries)
```

Arguments

```
frq

parf

fisheries
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.catchrep *read.catchrep.Rd*

Usage

```
read.catchrep(catchrep.file)
```

Arguments

```
catchrep.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.ests *read.ests.Rd*

Usage

```
read.ests(rep.obj, ests = "C:/assessments/alb/2008/6_area/28.splitgr3/ests.rep",
```

Arguments

```
rep.obj

ests

x
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.fit *read.fit.Rd*

Usage

```
read.fit(fit.file)
```

Arguments

```
fit.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.frq *read.frq.Rd*

Usage

```
read.frq(frq.file, frq.title = "", ntop = 0, fishdefs = NA)
```

Arguments

frq.file

frq.title

ntop

fishdefs

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.impact *read.impact.Rd*

Usage

```
read.impact(impdir = "H:/rmfcl/test/", impnames = c("ll", "psassoc", "psunassoc"
```

Arguments

impdir

impnames

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.ini *read.ini.Rd*

Usage

```
read.ini(ini.file)
```

Arguments

```
ini.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.par *read.par.Rd*

Usage

```
read.par(par.file)
```

Arguments

```
par.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.rep *read.rep.Rd*

Usage

```
read.rep(rep.file)
```

Arguments

```
rep.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.tag *read.tag.Rd*

Usage

```
read.tag(tagfile)
```

Arguments

```
tagfile
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.tags.JP *read.tags.JP.Rd*

Usage

```
read.tags.JP(tagfile, reg_areas, fisheries)
```

Arguments

```
tagfile

reg_areas

fisheries
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read.var *read.var.Rd*

Usage

```
read.var(var.file)
```

Arguments

```
var.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read_nmd.frq *read_nmd.frq.Rd*

Usage

```
read_nmd.frq(frq.file, frq.title = "", ntop = 0, fishdefs = NA)
```

Arguments

```
frq.file
```

```
frq.title
```

```
ntop
```

```
fishdefs
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

read_nmd.par *read_nmd.par.Rd*

Usage

```
read_nmd.par(par.file)
```

Arguments

```
par.file
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

reconstruct.frq.ce *reconstruct.frq.ce.Rd*

Usage

```
reconstruct.frq.ce(CPUE.file = "X:/yft/2009/Data Preparation/CPUE/indices/yft_JP
```

Arguments

```
CPUE.file

data

fishery
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

reconstruct.frq.ce2008

reconstruct.frq.ce2008.Rd

Usage

```
reconstruct.frq.ce2008(data = out.data, fishery = 1)
```

Arguments

```
data
fishery
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

reconstruct.frq.size

reconstruct.frq.size.Rd

Usage

```
reconstruct.frq.size(data = data, FISH = 1, LF.FILE = "P:/yft/2009/Data Preparat
```

Arguments

```
data
FISH
LF.FILE
WT.FILE
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

region_single_frq *region_single_frq.Rd*

Usage

```
region_single_frq(frq, region)
```

Arguments

```
frq
region
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

region_single_ini *region_single_ini.Rd*

Usage

```
region_single_ini(ini)
```

Arguments

```
ini
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

region_single_tag *region_single_tag.Rd*

Usage

```
region_single_tag(tag, region, keepfish)
```

Arguments

```
tag
region
keepfish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

regroup_fishery_grps.doitall *regroup_fishery_grps.doitall.Rd*

Usage

```
regroup_fishery_grps.doitall(doitall, f, flag, newgrps)
```

Arguments

```
doitall
f
flag
newgrps
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

rename.fisheries.doitall
rename.fisheries.doitall.Rd

Usage

```
rename.fisheries.doitall(doitall, oldfs, newfs)
```

Arguments

```
doitall

oldfs

newfs
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

rename.fisheries.frq
rename.fisheries.frq.Rd

Usage

```
rename.fisheries.frq(frq.obj, oldfish, newfish)
```

Arguments

```
frq.obj

oldfish

newfish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

rename.fisheries.tag
rename.fisheries.tag.Rd

Usage

```
rename.fisheries.tag(tag.obj, oldfish, newfish)
```

Arguments

```
tag.obj
oldfish
newfish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

---

rename.fishery.grps.doitall
rename.fishery.grps.doitall.Rd

Usage

```
rename.fishery.grps.doitall(doitall, oldfs, newfs, flag, keep = T, newgrps = c(0
```

Arguments

```
doitall
oldfs
newfs
flag
keep
newgrps
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

retro.frq *retro.frq.Rd*

Usage

```
retro.frq(frq.obj, retro.tag.obj = NA)
```

Arguments

```
frq.obj
retro.tag.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

retro.tag *retro.tag.Rd*

Usage

```
retro.tag(tag.obj, yr)
```

Arguments

```
tag.obj
yr
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`rm_fisheries.doitall` *rm_fisheries.doitall.Rd*

Usage

```
rm_fisheries.doitall(a, rmfisheries)
```

Arguments

```
a
```

```
rmfisheries
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`rm_fisheries.frq` *rm_fisheries.frq.Rd*

Usage

```
rm_fisheries.frq(frq.obj, fishery)
```

Arguments

```
frq.obj
```

```
fishery
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

rm_fisheries.tag *rm_fisheries.tag.Rd*

Usage

```
rm_fisheries.tag(tag.obj, fisheries)
```

Arguments

```
tag.obj
```

```
fisheries
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

rm_fishflag *rm_fishflag.Rd*

Usage

```
rm_fishflag(doitall, flag)
```

Arguments

```
doitall
```

```
flag
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

rm_flag.doitall *rm_flag.doitall.Rd*

Usage

```
rm_flag.doitall(a, flagtype, flag, value)
```

Arguments

```
a
flagtype
flag
value
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

run.profile *run.profile.Rd*

Usage

```
run.profile(rundir, rungrp, startpar = NA, ptype = "Fmult", target, nsteps = 300
```

Arguments

```
rundir
rungrp
startpar
ptype
target
nsteps
penalty
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

seas.flag *seas.flag.Rd*

Usage

```
seas.flag(a, fishery, flagnum, seasf.list)
```

Arguments

```
a
fishery
flagnum
seasf.list
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

seas.frq *seas.frq.Rd*

Usage

```
seas.frq(frq.obj, seas.fish)
```

Arguments

```
frq.obj
seas.fish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

seas.tag *seas.tag.Rd*

Usage

```
seas.tag(tag.obj, fishlist)
```

Arguments

```
tag.obj
fishlist
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.cpue *setup.cpue.Rd*

Usage

```
setup.cpue(rungrp, sourcedir, cpue, spp)
```

Arguments

```
rungrp
sourcedir
cpue
spp
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.effcreep *setup.effcreep.Rd*

Usage

```
setup.effcreep(rungrp, creeprate)
```

Arguments

```
rungrp

creeprate
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.growth *setup.growth.Rd*

Usage

```
setup.growth(rungrp, VBopt)
```

Arguments

```
rungrp

VBopt
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.growth.offsets *setup.growth.offsets.Rd*

Usage

```
setup.growth.offsets(rungrp, ageclasses, penwt, phase, tog)
```

Arguments

```
rungrp
ageclasses
penwt
phase
tog
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.idphcatch *setup.idphcatch.Rd*

Usage

```
setup.idphcatch(rungrp, sourcedir, idph, spp)
```

Arguments

```
rungrp
sourcedir
idph
spp
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.lensel *setup.lensel.Rd*

Usage

```
setup.lensel(rungrp, fisheries, tog)
```

Arguments

rungrp
fisheries
tog

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.LFwt *setup.LFwt.Rd*

Usage

```
setup.LFwt(rungrp, newLFwt)
```

Arguments

rungrp
newLFwt

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.M *setup.M.Rd*

Usage

```
setup.M(rungrp, newM)
```

Arguments

rungrp

newM

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.pscatch *setup.pscatch.Rd*

Usage

```
setup.pscatch(rungrp, sourcedir, PScatch, spp)
```

Arguments

rungrp

sourcedir

PScatch

spp

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.startyr *setup.startyr.Rd*

Usage

```
setup.startyr(rungrp, newstartyr)
```

Arguments

```
rungrp

newstartyr
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.steepness *setup.steepness.Rd*

Usage

```
setup.steepness(rungrp, newsteep)
```

Arguments

```
rungrp

newsteep
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

setup.timesplit *setup.timesplit.Rd*

Usage

```
setup.timesplit(rungrp, splitx, storefish)
```

Arguments

```
rungrp

splitx

storefish
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

sort.frq *sort.frq.Rd*

Usage

```
sort.frq(frq.obj)
```

Arguments

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

start_year.frq *start_year.frq.Rd*

Usage

```
start_year.frq(frq.obj, start_yr, halfyr = F)
```

Arguments

```
frq.obj
start_yr
halfyr
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

steepness.doit *steepness.doit.Rd*

Usage

```
steepness.doit(doitall, new.steepness, add_header = T, gap = 2)
```

Arguments

```
doitall
new.steepness

add_header
gap
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

summarise.size.frq.bet *summarise.size.frq.bet.Rd*

Usage

```
summarise.size.frq.bet(frq1, fishery = 5)
```

Arguments

```
frq1
fishery
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

tag_grps_rm *tag_grps_rm.Rd*

Usage

```
tag_grps_rm(tag.obj, keep)
```

Arguments

```
tag.obj
keep
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`timesplit.doitall` *timesplit.doitall.Rd*

Usage

```
timesplit.doitall(doitall, fishsplit, qsplit = T)
```

Arguments

`doitall`

`fishsplit`

`qsplit`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`timesplit.frq` *timesplit.frq.Rd*

Usage

```
timesplit.frq(frq.obj, divyrs, div.fish)
```

Arguments

`frq.obj`

`divyrs`

`div.fish`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`timesplit.tag` *timesplit.tag.Rd*

Usage

```
timesplit.tag(tag.obj, fishsplit)
```

Arguments

`tag.obj`

`fishsplit`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

`varfromstr` *varfromstr.Rd*

Usage

```
varfromstr(datstring, cols = c(2:3))
```

Arguments

`datstring`

`cols`

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write.frq *write.frq.Rd*

Usage

```
write.frq(new.frq, frq.obj)
```

Arguments

```
new.frq
```

```
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write.ini *write.ini.Rd*

Usage

```
write.ini(ini.file, ini.obj)
```

Arguments

```
ini.file
```

```
ini.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write.par *write.par.Rd*

Usage

```
write.par(par.file, par.obj)
```

Arguments

```
par.file
par.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write.tag *write.tag.Rd*

Usage

```
write.tag(tagfile, tag.obj)
```

Arguments

```
tagfile
tag.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write_nmd.frq *write_nmd.frq.Rd*

Usage

```
write_nmd.frq(new.frq, frq.obj)
```

Arguments

```
new.frq
frq.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

write_nmd.par *write_nmd.par.Rd*

Usage

```
write_nmd.par(par.file, par.obj)
```

Arguments

```
par.file
par.obj
```

Examples

```
##---- Should be DIRECTLY executable !! ----
##-- ==>  Define data, use random,
##--or do  help(data=index)  for the standard data sets.
```

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