A template to compile and run GMACS to compare management quantities between different versions.

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Contents

```r
res <- GMACS(
  Spc = .Spc,
  GMACS_version = .GMACS_version,
  Dir = .VERSIONDIR,
  ASS = .ASS,
  AssMod_names = .ASSMOD_NAMES,
  compile = .COMPILE,
  run = .RUN_GMACS,
  LastAssDat = .LastAssDat,
  ADMBpaths = .ADMBpaths,
  make.comp = .MAKE_Comp,
  verbose <- .VERBOSE
)
```

This analysis includes the following species: AIGKC/EAG, AIGKC/WAG, BBRKC, SMBKC, SNOW, SNOW_M_time_varying

#Comparaison of AIGKC/EAG for 2 version of GMACS.

Table 1: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	9166.196	6977.515	0.589	0.589	2896.413	1.314	0	0.234	0.21
Latest_Version	9166.196	6977.515	0.589	0.589	2896.413	1.314	0	0.234	0.21

#Comparaison of AIGKC/WAG for 2 version of GMACS.

Table 2: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	4622.939	5341.368	0.552	0.493	1199.749	0.865	0	0.198	0.21
Latest_Version	4622.939	5341.368	0.552	0.493	1199.749	0.865	0	0.198	0.21

#Comparaison of BBRKC for 2 version of GMACS.

Table 3: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	14025.96	22512.18	0.299	0.186	2425.493	0.623	0	1563.362	0.299
Latest_Version	14025.96	22512.18	0.299	0.186	2425.493	0.623	0	1563.362	0.299

#Comparaison of SMBKC for 2 version of GMACS.

Table 4: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	1144.575	3298.391	0.18	0.048	49.323	0.347	0	82.973	0.196
Latest_Version	1144.575	3298.391	0.18	0.048	49.323	0.347	0	82.973	0.196

#Comparaison of SNOW for 2 version of GMACS.

Table 5: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	43.399	84.234	2.571	1.383	23.534	0.515	0	228.879	0.352
Latest_Version	43.399	84.234	2.571	1.383	23.534	0.515	0	228.879	0.352

#Comparaison of SNOW_M_time_varying for 2 version of GMACS.

Table 6: Changes in management quantities for each scenario considered. Reported management quantities are derived from maximum likelihood estimates.

Model	MMB	B35	F35	FOFL	OFL	Status	M	Av_Recr	Nat.M
Dvpt_Version	25.607	135.553	2.345	0.574	11.341	0.189	0	306.285	0.438
Latest_Version	25.607	135.553	2.345	0.574	11.341	0.189	0	306.285	0.438