Package		Segment models					Change points					Other
Name	version	Formulas	GLM	Time series	Survival	Multiv.	N	Mean	Random	Variance	AR	Share pars
mcp	0.1.0	specify: all	yes	AR(N)	planned	no	specify	yes	yes	yes	yes	yes
segmented	1.0.0	specify: slope	yes	ARIMA(N)	yes	no	both	yes	no	no	no	no
strucchange::breakpoints	1.5.2	specify: all	no	no	no	no	specify	yes	no	no	no	no
ecp	3.1.2	auto: ?	no	?	no	yes	auto	yes	no	no	no	no
bcp	4.0.3	auto: slope + int	no	no	no	yes	auto	yes	no	no	no	no
changepoint	2.2.2	auto: int	no	no	no	no	auto	yes	no	yes	no	no
changepoint.np	1.0.1	auto: int?	no	no	no	no	auto	yes	no	?	no	no
strucchange::Fstats	1.5.2	specify: all	no	no	no	no	only 1	yes	no	no	no	no
TSMCP	1.0.0	auto: ?	no	yes	no	yes	auto	yes	no	no	no	no
cpm	2.2.0	auto: int	(yes)	no	no	no	auto	yes	no	yes	no	no
EnvCpt	1.1.1	specify: (select)	no	AR(2)	no	no	auto	yes	no	yes	no	no
wbsts	2.0.0	auto: ?	no	yes	no	no	auto	yes	no	no	no	no

Package		Returns and infers...					Hypothesis tests		
Name	version	CP CI	Params	Params CI	Plots	checks	Fewer CP	Param values	Model comparison
mcp	**0.1.0**	yes	yes	yes	yes	yes	yes	yes	Cross-validation
segmented	**1.0.0**	yes	yes	yes	yes	yes	(yes)	no	AIC and deviance
strucchange::breakpoints	**1.5.2**	no	no	no	no	no	yes	no	BIC
ecp	**3.1.2**	no	no	no	no	no	no	no	no
bcp	**4.0.3**	no	(no)	no	yes	no	no	no	no
changepoint	**2.2.2**	no	yes	no	yes	no	no	no	no
changepoint.np	**1.0.1**	no	no	no	no	no	no	no	no
strucchange::Fstats	**1.5.2**	no	no	no	yes	no	no	no	no
TSMCP	**1.0.0**	no	no	no	no	no	no	no	no
cpm		no	no	no	no	no	no	no	no
EnvCpt	**1.1.1**	no	yes	no	yes	no	no	no	Log-likelihoods
wbsts	**2.0.0**	no	no	no	no	no	no	no	no

Package		Other functions				
Name	version	fitted	predict	simulate	Speed	Prior
mcp	**0.1.0**	yes	yes	yes	slow	yes
segmented	**1.0.0**	yes	yes	no	fast	no
strucchange::breakpoints	**1.5.2**	no	no	no	fast	no
ecp	**3.1.2**	no	no	no	fast	no
bcp	**4.0.3**	no	no	no	medium	hyper
changepoint	**2.2.2**	no	no	no	fast	no
changepoint.np	**1.0.1**	no	no	no	fast	no
strucchange::Fstats	**1.5.2**	no	no	no	fast	no
TSMCP	**1.0.0**	no	no	no	fast	no
cpm	**2.2.0**	no	no	no	fast	no
EnvCpt	**1.1.1**	no	no	no	fast	no
wbsts	**2.0.0**	no	no	yes	fast	no