

Package		Segment models					Change points					Other
Name	version	formulas	GLM	Time series	Survival	Multiv.	N	Mean	Variance	Random	AR	Share pars
mcp	0.1.0	specify: slope + int	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
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	yes	no	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	yes	no	no	no
EnvCpt	1.1.1	specify: (select)	no	AR(2)	no	no	auto	yes	yes	no	no	no
wbsts	2.0.0	auto: ?	no	yes	no	no	auto	yes	no	no	no	no

Package		Returns and inferences					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	yes
segmented	1.0.0	yes	yes	yes	yes	yes	(yes)	no	AIC and deviance
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: 1000	prior
mcp	0.1.0	yes	yes	yes	10s	yes
segmented	1.0.0	yes	yes	no	<1s	no
ecp	3.1.2	no	no	no	<1s	no
bcp	4.0.3	no	no	no	5s	???
changepoint	2.2.2	no	no	no	<1s	no
changepoint.np	1.0.1	no	no	no	<1s	no
strucchange::Fstats	1.5.2	no	no	no	<1s	no
TSMCP	1.0.0	no	no	no	<1s	no
cpm	2.2.0	no	no	no	<1s	no
EnvCpt	1.1.1	no	no	no	<1s	no
wbsts	2.0.0	no	no	yes	<1s	no