

Package		It can model...								
Name	version	N CP	formulas	CP in mean	GLM	AR(1)	multivariate	CP in variance	Random CP	Shared params
mcp	0.1.0	specify	specify: slope + int	yes	yes	planned	planned	planned	yes	yes
segmented	1.0.0	both	specify: slope	yes	yes	no	no	no	no	no
ecp	3.1.2	auto	auto: ?	yes	no	no	yes	no	no	no
bcp	4.0.3	auto	auto: slope + int	yes	no	no	yes	no	no	no
changepoint	2.2.2	auto	auto: int	yes	no	no	no	yes	no	no
changepoint.np	1.0.1	auto	auto: int?	yes	no	no	no	??	no	no
strucchange::Fstats	1.5.2	only 1	specify: all	yes	no	no	no	no	no	no
TSMCP	1.0.0	auto	auto: ?	yes	no	yes	yes	no	no	no
cpm	2.2.0	auto	auto: int	yes	(yes)	no	no	yes	no	no
EnvCpt	1.1.1	auto	specify: (select)	yes	no	yes	no	yes	no	no
wbsts	2.0.0	auto	auto: ?	yes	no	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