

About		Change point(s)				Predictor(s)				Dependent					
Package	version	N	Infer	Random	Fixed	int	slope	x^N	N	Shared	Mean	Variance	GLM	Multivariate	AR(1)
mcp	0.1.0	specify	yes	yes	yes	specify	specify	yes	1	yes	yes	planned	yes	planned	planned
segmented	1.0.0	both	yes	no	no	first	always	yes	1+	no	yes	no	yes	no	no
EnvCpt	1.1.1	auto	yes	no	no	specify	specify	no	1	no	yes	yes	no	no	yes
changepoint	2.2.2	auto	yes	no	no	always	no	no	0	no	yes	yes	no	no	no
changepoint.np	1.0.1	auto	yes	no	no	always	no	no	0	no	yes	??	no	no	no
bcp	4.0.3	auto	yes	no	no	always?	always?	no	1	no	yes	no	no	yes	no
ecp	3.1.2	auto	yes	no	no	?	?	?	1	no	yes	no	no	yes	no
TSMCP	1.0.0	auto	yes	no	no	?	?	?	1	no	yes	no	no	yes	yes
cpm	2.2.0	auto	yes	no	no	always	no	no	0	no	yes	yes	(yes)	no	no
wbsts	2.0.0	auto	yes	no	no	?	?	?	1	no	yes	no	no	no	yes
strucchange::Fstats	1.5.2	1	yes	no	no	specify	specify	yes	1+	no	yes	no	no	no	no
SiZer::piecewise.linear	0.1.5	1	yes	no	no	first	always	no	1	no	yes	no	no	no	no
scan::plm + scan::hplm	0.4	specify	no	no	yes	always	specify	yes	1+	no	yes	no	no	no	no
easyreg::bl	4	1	yes	no	no	specify	specify	no	1	no	yes	no	no	no	no
lm.br	2.9.3	1	yes	no	no	always	specify	no	1+	no	yes	no	no	no	no

About		Returns and inferences...					Hypothesis tests		
Package	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
EnvCpt	1.1.1	no	yes	no	yes	no	no	no	Log-likelihoods
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
bcp	4.0.3	no	(no)	no	yes	no	no	no	no
ecp	3.1.2	no	no	no	no	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
wbsts	2.0.0	no	no	no	no	no	no	no	no
strucchange::Fstats	1.5.2	no	no	no	yes	no	no	no	no
SiZer::piecewise.linear	0.1.5	yes	yes	yes	yes	(yes)	%	yes	yes
scan::plm + scan::hplm									
easyreg::bl	4								
lm.br	2.9.3	yes	yes	yes	no		no		

About		Other functions					
Package	version	fitted	predict	simulate	speed: 1000	prior	CRAN update
mcp	0.1.0	yes	yes	yes	10s	yes	2019
segmented	1.0.0	yes	yes	no	fast	no	2019
EnvCpt	1.1.1	no	no	no	fast	no	2018
changepoint	2.2.2	no	no	no	fast	no	2016
changepoint.np	1.0.1	no	no	no	fast	no	2019
bcp	4.0.3	no	no	no	5s	???	2018
ecp	3.1.2	no	no	no	fast	no	2019
TSMCP	1.0.0	no	no	no	fast	no	2018
cpm	2.2.0	no	no	no	fast	no	2015
wbsts	2.0.0	no	no	yes	fast	no	2018
strucchange::Fstats	1.5.2	no	no	no	fast	no	2019
SiZer::piecewise.linear	0.1.5	yes	yes	no	fast	no	2018
scan::plm + scan::hplm							
easyreg::bl	0.4						
lm.br	2.9.3	no	no	no	fast	no	2017