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	Robust Design Pradel Lambda Full Closed Captures with Het. and mis-identification	RDPdLIDFullHet		Phi	Lambda	pi	р	С	alpha	f0				

Robust Design Pradel Lambda Huggins' Closed Captures with Het. and mis-identification	RDPdLIDHugHet		Phi	Lambda	ni	_	alpha						
Robust Design Pradel Lambda Huggins' Closed Captures with Het, and mis-identification	RDPdLIDHugFullHet		Phi	Lambda	pi pi	p p	С	alpha					
Robust Design Pradel Recruitment Closed Population Estimation	RDPdfClosed		Phi	f	р	C P	f0	агрпа					
Robust Design Pradel Recruitment Huggins' Closed Populations	RDPdfHuggins		Phi	f	р	С	10						
Robust Design Pradel Recruitment Hoggins Closed Populations Robust Design Pradel Recruitment Closed Captures with Heterogeneity	RDPdfHet		Phi	f	pi pi	р	f0						
Robust Design Pradel Recruitment Closed Captures with Het.	RDPdfFullHet		Phi	f	pi	р	С	f0					
Robust Design Pradel Recruitment Full closed Captures with Het.	RDPdfHugHet		Phi	f	pi	р	· ·	10					
Robust Design Fradel Recruitment Huggins' Closed Captures with Het.	RDPdfHugFullHet		Phi	f	pi	р	С						
Robust Design Fradel Recruitment Closed Population Estimation with mis-identification	RDPdfIDClosed		Phi	f	р	С	alpha	f0					
Robust Design Pradel Recruitment Luggins' Closed Populations with mis-identification	RDPdflDHuggins		Phi	f	p p	С	alpha	10					
Robust Design Pradel Recruitment Closed Captures with Heterogeneity and mis-identification	RDPdflDHet		Phi	f	pi	р	alpha	f0					
Robust Design Pradel Recruitment Full Closed Captures with Het. and mis-identification	RDPdfIDFullHet		Phi	f	pi	р	С	alpha	f0				
Robust Design Pradel Recruitment Huggins' Closed Captures with Het. and mis-identification	RDPdfIDHugHet		Phi	f	pi .	p	alpha						
Robust Design Pradel Recruitment Huggins' Full Closed Captures with Het. and mis-identification	RDPdfIDHugFullHet		Phi	f	pi	р	С	alpha					
Open Robust Design Pradel Multi-state	ORDPdMS		S	Psi	Gamma	pent	Phi	р					
Huggins Closed Robust Design Multi-state with State Probabilities	CRDMSOHug		S	Psi	Omega	р	С						
Huggins Heterogeneity Closed Robust Design Multi-state with State Probabilities	CRDMSOHet		S	Psi	Omega	pi	р						
Huggins Full Heterogeneity Closed Robust Design Multi-state with State Probabilities	CRDMSOFHet		S	Psi	Omega	pi	р	С					
Occupancy Heterogeneity Estimation with Detection < 1	OccupHet	?salamander	pi	р	Psi								
RD Occupancy Heterogeneity Estimation with psi, epsilon	RDOccupHetPE		Psi	Epsilon	pi	р							
RD Occupancy Heterogeneity Estimation with psi, gamma	RDOccupHetPG		Psi	Gamma	pi	р							
RD Occupancy Heterogeneity Estimation with psi(1), gamma, epsilon	RDOccupHetEG		Psi	Epsilon	Gamma	pi	р						
Occupancy Estimation Royle/Nichols Poisson Abundance	OccupRNPoisson	?Donovan.7	r	Lambda									
Occupancy Estimation Royle/Nichols Negative Binomial Abundance	OccupRNNegBin	?Donovan.7	r	Lambda	VarAdd								
Two species Occupancy Estimation	2SpecOccup		PsiAB	PsiA	PsiB	pA	рВ	rAB	rAb	raB			
Logit-Normal Mark Resight	LogitNormalMR	?LogitNormalMR	p	sigma	N								
Poisson Mark Resight with Robust Design	PoissonMR	?PoissonMR, ?Poisson twoMR	alpha	sigma	U	Phi	Gamma"	Gamma'					
Multiple-State Occupancy Estimation	MSOccupancy	?NicholsMSOccupancy	Psi1	Psi2	p1	p2	Delta	Cumma					
Occupancy Estimation Royle Poisson Counts	OccupRPoisson	?Donovan.8	r	Lambda	P-	PL.	Denta						
Occupancy Estimation Royle Negative Binomial Counts	OccupRNegBin	?Donovan.8	r	Lambda	VarAdd								
Open Robust Design Multi-state with State Probabilities	ORDMSState	· Donovanio	S	Psi	Omega	pent	Phi	р					
Immigration-Emigration Logit-Normal Mark Resight	IELogitNormalMR	?IELogitNormalMR	D	sigma	Nbar	alpha	Nstar						
Robust Design Multi-state Closed with Mis-classification	RDMSMisClass		S	Psi	pi	Omega	р	Delta					
Robust Design Multi-state Closed with Mis-classifications Robust Design Multi-state Closed with 2 Mis-classifications	RDMS2MisClass		S	Psi	pi	Omega	р	Delta					
Multi-scale occupancy estimation	MultScalOcc	?larksparrow	Psi	Theta	р	Omega	Р	Deita					
Robust Design Multiple-State Occupancy Estimation Conditional Binomial	RDMSOccRepro	Harksparrow	Phi0	Psi	R	р	Delta						
Robust Design Multiple-State Occupancy Estimation General	RDMSOccupancy		Phi0	Psi	р	Р	Delta						
Robust Design Multi-state Open with Mis-classification	RDMSOpenMisClass		S	Psi	pi	Omega	р	Delta	pent	Phi			
Density estimation with Huggins p and c	Densitypc	?Density	n	C	ptilde	Offiega	р	Delta	pent	riii			
Density estimation with Huggins p and c Density estimation with Huggins heterogeneity pi and p	DensityHet	?Density	p pi		ptilde								
Density estimation with Huggins field ogeneity pi and p Density estimation with Huggins full heterogeneity pi, p and c	DensityFHet	?Density	pi	p		ptilde							
Cormack-Jolly-Seber model with Pledger mixtures	CJSMixture	Delisity	pi	p Phi	c p	ptilide							
	PradSenMix		Phi	pi		Gamma							
Pradel Survival and Seniority with Pledger mixtures Pradel Survival and Lambda with Pledger mixtures	PradLambdaMix		Phi		p	Lambda							
	PradelRecMix		Phi	pi :	p	£							
Pradel Survival and Recruitment with Pledger mixtures Link-Barker Survival and Recruitment with Pledger mixtures	LinkBarkMix		Phi	pi pi	p	f							
Cormack-Jolly-Seber model with Random Effects	CJSRandom		sigmaphi	Phi	p								
Link-Barker Survival and Recruitment with Random Effects	LinkBarkRan		sigmaphi	Phi	sigmap	p	alama a f	f					
Two species Conditional Occupancy Estimation	2SpecConOccup		PsiA	PriiBA	sigmap PsiBa	p pA	sigmaf pB	rA	rBA	rBa			
Burnham Live and Dead Encounters with Random Effects	BurnhamLDRE		sigmaS	S	sigmap	p	sigmar	r	sigmaF	F			
Pledger Mixture Dead Recoveries (Seber)	PMDead	?brownie	pi	S	r		Jiginia.		J.B.mar				
Random Effects Dead Recoveries (Seber)	REDead	?brownie	SigmaS	S	sigmar	r							
Robust Design Two species Gamma Epsilon Conditional Occupancy Estimation	RD2SpGEConOcc	. Brownie	Siginus		J.B.III.								
Robust Design Multi-state Open with State Uncertainty and Seasonal Effects	RDMSOpenMCSeas		S	Psi	ni	Omega	n	Delta	nent	М	alnha	۲	
Occupancy with correlated detections	OccClus				-				, , , , , , , , , , , , , , , , , , ,				
Occupancy with relaxed closure	OccRelClos		n	Psi	pent	d							
Huggins' p and c with Random Effects	HugginsRE		p	C	sigmap								
Robust Design with Huggins' p and c with Random Effects	RDHugginsRE		ς	Gamma"	Gamma'	sigmap	р	С					
Closed Robust Design Multi-state Huggins' p and c with Random Effects	HRECRDMS		3	Guillila	Guillilla	эвтар	P						
Robust Design Multi-state Huggins' p and c with Random Effects	RDPDGHUGRE												
Robust Design Pradel Seniority Huggins' p and c with Random Effects Robust Design Pradel Lambda Huggins' p and c with Random Effects	RDPDLHUGRE												
Robust Design Pradel Lambda Huggins' p and c with Random Effects Robust Design Pradel f Huggins' p and c with Random Effects	RDPDFHUGRE												
5 56 1	OccupancyRE		ciaman		Dei								
Occupancy Estimation with Detection < 1 and Random Effects			sigmap	р	Psi								
Robust Design Occupancy Estimation with psi, epsilon and Random Effects	RDOccupREPE												

Robust Design Occupancy Estimation with psi, gamma and Random Effects	RDOccupREPG										
Robust Design Occupancy Estimation with psi(1), gamma, epsilon and Random Effects	RDOccupREEG										
Known Fate with Random Effects	KnownRE										
Occupancy Estimation with false positive identifications	OccupancyFP										
Robust Design Occupancy Estimation with psi(1), gamma, epsilon and false positives.	RDOccupFPEG										
UnIdLogitNormalMR: Unidentified Marks Logit-Normal Mark Resight	UnIdLogitNormalMR		р	sigma	N	r					
UnIdIELogitNormalMR: Unidentified Marks Immigration-Emigration Logit-Normal Mark Resight	UnIdIELogitNormalMR		р	sigma	Nbar	alpha	Nstar	r			
UnIdPoissonMR: Unidentified Marks Poisson Mark Resight with Robust Design	UnIdPoissonMR		alpha	sigma	U	Phi	Gamma"	Gamma'	r		
Density estimation with Huggins' p and c with Random Effects	DensityRanpc	?Density	sigmap	р	С	ptilde					
Barker Live and Dead with Robust Design Huggins' p and c with Random Effects	RDBarkHRE										
Robust Design Pradel Full Likelihood p and c with lambda from ratio of N's	RDPdNClosed										
Robust Design Pradel Huggins' p and c with lambda from ratio of N's	RDPdNHuggins										
Robust Design Pradel Full Likelihood Heterogeneity pi and p with lambda from ratio of N's	RDPdNHet										
Robust Design Pradel Full Likelihood Heterogeneity pi, p, and c with lambda from ratio of N's	RDPdNFullHet										
Robust Design Pradel Huggins' Heterogeneity pi and p with lambda from ratio of N's	RDPdNHugHet										
Robust Design Pradel Huggins' Heterogeneity pi, p, and c with lambda from ratio of N's	RDPdNHugFullHet										
Robust Design Pradel Huggins' p and c with Random Effects with lambda from ratio of N's	RDPdNHUGRE										
Robust Design Occupancy Estimation with relaxed closure	RDOCCURELCLOS										
Zero-inflated Unidentified Marks Poisson Mark Resight with Robust Design within primaries	ZiUnIdPoissonMRwithin		alpha	sigma	U	Phi	Gamma"	Gamma'	r	W	g
Poisson Mark Resight with Robust Design across primaries	PoissonMRacross		alpha	sigma	U	Phi	Gamma"	Gamma'			
Unidentified Marks Poisson Mark Resight with Robust Design across primaries	UnIdPoissonMRacross		alpha	sigma	U	Phi	Gamma"	Gamma'	r		
Zero-inflated Unidentified Marks Poisson Mark Resight with Robust Design across primaries	ZiUnIdPoissonMRacross		alpha	sigma	alpha	sigma	U	Phi	Gamma"	Gamma'	g
Robust Design Multi-scale occupancy estimation	RDMultScalOcc	?RDMultScalOcc	Psi	Epsilon	Gamma	Theta	р				
Barker Multi-state Joint Live and Dead Encounters and Resightings	MSBarker										
Multi-species Occupancy Model	NSpeciesOcc	?NSpeciesOcc	f	р							
Hidden Markov Model	HidMarkov		S	р	Psi	pi	Delta				
Barker Multi-state Joint Live and Dead Encounters and Resightings with multiple uncertain events	MSUncBarker										