Feature	Survey Design	CDS	MCDS	mrds		dsm		DSsim		mads		Distance
	Distance	Distance	Distance	R	Distance	R	Distance	R	Distance	R	Distance	R
Survey Design								Basic designs				
Plus Sampling Designs												
Mixed Acoustic Detector Designs												
Line Transects (parallel, zigzag, segmented)												
Point Transects					7.2	2.2.14	7.2			Limited Testing		
Half-normal, hazard rate Key												
Uniform Key										Limited Testing		
Gamma Key								Analysis Only		Limited Testing		
Negative Exponential Key												
Quasipoisson, Neg. Binomial, gaussian and Gamma distributions												
Tweedie Distribution							7.1					
Bootstrap Variance Estimation												
GAM Variance + Detection Function Variance by Delta Method												
GAM Variance + Detection Function Variance by Propagation							7.1					
Continuous individual level covariates									7.1			
Factor individual level covariates									7.1			
Transect level covariates												
Multipliers												
Adjustment Terms												
Clusters									7.1			
Size Biased Regression												
Left data truncation										Limited Testing	Limited Testing	
Exact distances												
Binned Data										Limited Testing	Limited Testing	
Mark-recapture distance sampling												
Removal method distance sampling					7.3		7.3					
AIC adjustment selection												
Monotonicity constratints										Limited Testing		
Stratified Analyses												
Post Stratification												
Spatial Modelling												
Unidentified sightings												
Model uncertainty												
Covariate uncertainty												
Simulate distance sampling data												

Key

Currently implemented	
Use with caution	
Planning to implement	
Could be implemented	
N/A or cannot be implemented	

The numbers describe the software version first to implement the feature (only provided for recent enhancements)