New in MRSea v0.2.0:

runSALSA1D obsolete and no longer in use

runSALSA1D\_withremoval wrapper for running the salsa code

Updates: two new parameters

datain data used to fit the initial model

removal=TRUE Logical stating whether removal of covariates is allowed. If FALSE then all covariates are returned with some smoothing. The user can then do model selection manually if preferred

get.measures measures for 1D SALSA: QAIC/QBIC/QAICc/QBICc and AICH [[1]](#footnote-1) now available.

get.measures\_2d measures for 2D SALSA: AICH now available (QAIC/QBIC not yet available)

LocalRadialFunction update made to basis: exp(-d/r^2), now it is exp(-dr^2)

getRadiiChoices updated to be relevant to basis update

getKnotgrid Function to create the knot grid required for SALSA2D

predict.cress updated to be more efficient. Also parameter added (coef) which allows a sampled set of coefficients to be used to make prediction (rather than the point estimates from the model).

runPartialPlots updated to include parameter allowing the data used to make the plots to be saved so you can make your own plots (savedata=F).

1. Hilbe, JM. (2014). Modelling count data. The AICH is still in development but is said to be robust to violations of the MLE assumptions, such as the requirement of independence of observations. [↑](#footnote-ref-1)