

				del for each component	Indel for each component	
				odel for each component Fit S0 M	Iodel for each component	▲
	for above thresh component beta values good			p: Voxelwise F stats of ess of fit to T2* model in dependence_metrics 170		S0Fmap: Voxelwise F stats of goodness of fit to S0 model F_S0_maps in dependence_metrics 161
					5	
	Model parameters used in the decision process Each parameter has a single value per component					
	Param Name	Param Description	Inputs for calculations	Location in code		
	kappa	Weighted sum of T2* F stats and component betas for each component	T2Fmap ICAbeta	dependence_metrics 182		
	rho	Weighted sum of S0 F stats and component betas for each component	S0Fmap ICAbeta	dependence_metrics 183		
	varexp	Variance Explained	ICAbeta	dependence_metrics 150		
	normvarexp	Normalized Variance Explained	ICAbeta	dependence_metrics 151		
	countsigFR2	Number of signif voxels in spatially contiguous clusters in fit to T2* Model	T2Fmap	dependence_metrics 253 Recalculated in kundu_metrics 340?		
	countsigFS0	Number of signif voxels in spatially contiguous clusters in fit to S0 Model	S0Fmap	dependence_metrics 261 Recalculated in kundu_metrics 341?		
	DICE_FR2	DICE overlap of T2* model significant fits and the same number of voxels with the highest beta weights for the ICA component	T2Fmap ICAbeta	kundu_metrics 350		
	DICE_FS0	DICE overlap of S0 model significant fits and the same number of voxels with the highest beta weights for the ICA component	S0Fmap ICAbeta	kundu_metrics 350		
	countnoise	Count of high value betas outside of clusters of the same img How many of the biggest mag values in a component are not part of clusters?	ICAbeta Z_clMap	kundu_metrics 377		
	signalnoise (t and p)	t and p values for a paired t-test of the log F values of T2* model fit for voxel inside-outside of high mag clusters of the component beta map	T2Fmap,ICAbeta,Z_clMap	kundu_metrics 387		
	d_table_score	The mean of the component rankings for 5 separate metrics. Rankings go from 1 to num compnents where closer to 1 means more likely to be BOLD-weighted Ranks are for the parameters that are inputs	kappa DICE_FR2 signalnoise countnoise countsigFR2	kundu_metrics 403		
	kapparatio	For provisionally accept components the ratio of the range of kappa values over the range of variance explained Used to find components with an unusually high variance compared to their kappa value so that components with relatively low kappas are more likely to be removed if they have relatively high variances		tedica.py kundu_selection_v2 245		
	Decision criteria used for setting thresholds for accepting components					
	kappa elbow	Minimum of Kappa elbow of all components and elbow of remaining components excluding components with the highest kappa vals that are greater than a strict F threshold	kappa # of echos	tedica.py kundu_selection_v2 216		
	rho elbow	Mean of Rho elbows all components, after components with obvious artifacts are removed and a liberal F threshold	rho # of echoes *Components not removed in I002-5 criteria	tedica.py kundu_selection_v2 217		