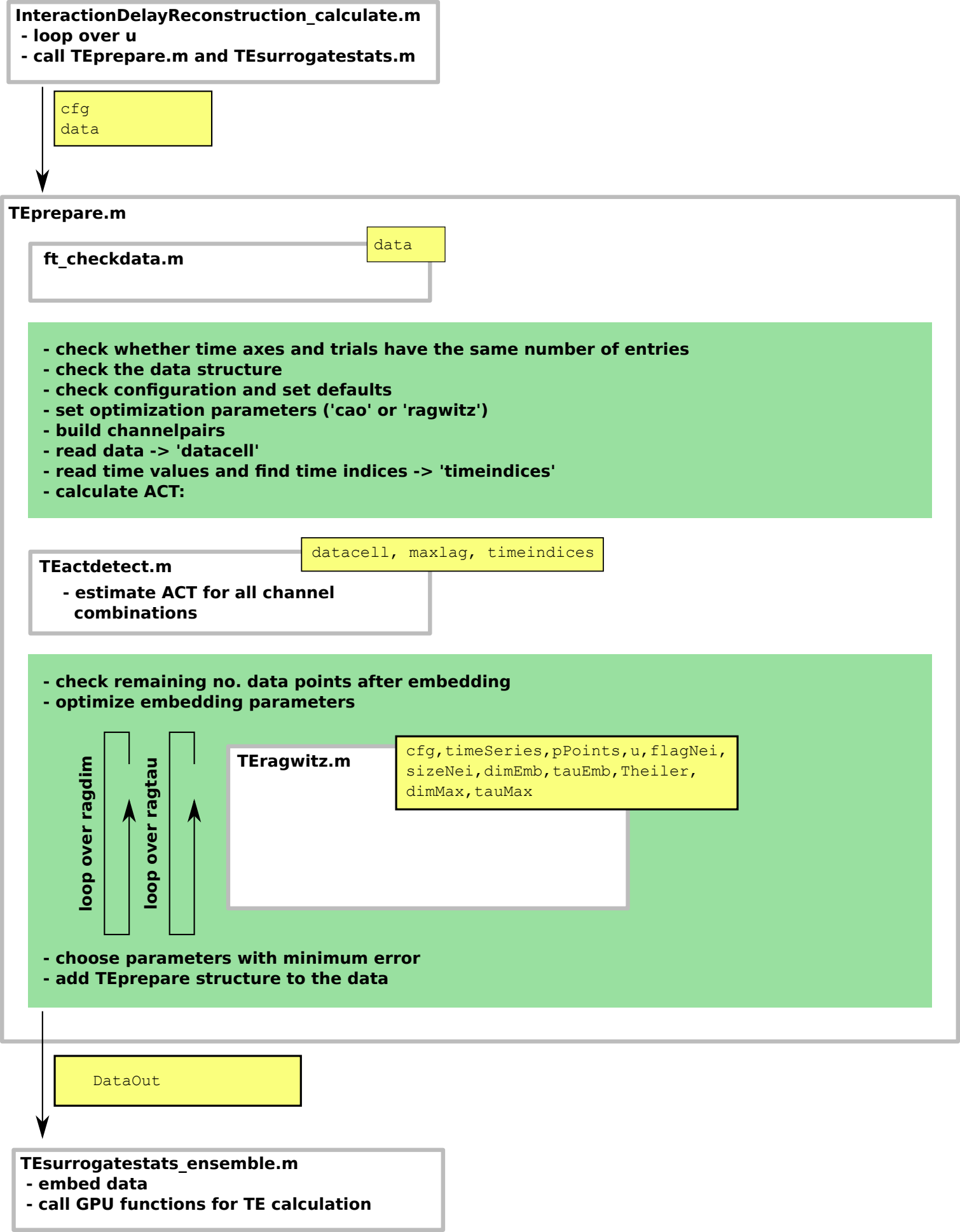
InteractionDelayReconstruction_calculate.m
- loop over u
- call TEprepare.m and TEsurrogatestats.m
cfg
data
TEprepare.m
ft_checkdata.m
data
- check whether time axes and trials have the same number of entries
- check the data structure
- check configuration and set defaults
- set optimization parameters ('cao' or 'ragwitz')
- build channelpairs
- read data -> 'datacell'
- read time values and find time indices -> 'timeindices'
- calculate ACT:
TEactdetect.m
- estimate ACT for all channel combinations
datacell, maxlag, timeindices
- check remaining no. data points after embedding
- optimize embedding parameters
loop over ragdim
loop over ragtau
TEragwitz.m
cfg,timeSeries,pPoints,u,flagNei,
sizeNei,dimEmb,tauEmb,Theiler,
dimMax,tauMax
- choose parameters with minimum error
- add TEprepare structure to the data
DataOut
TEsurrogatestats_ensemble.m
- embed data
- call GPU functions for TE calculation