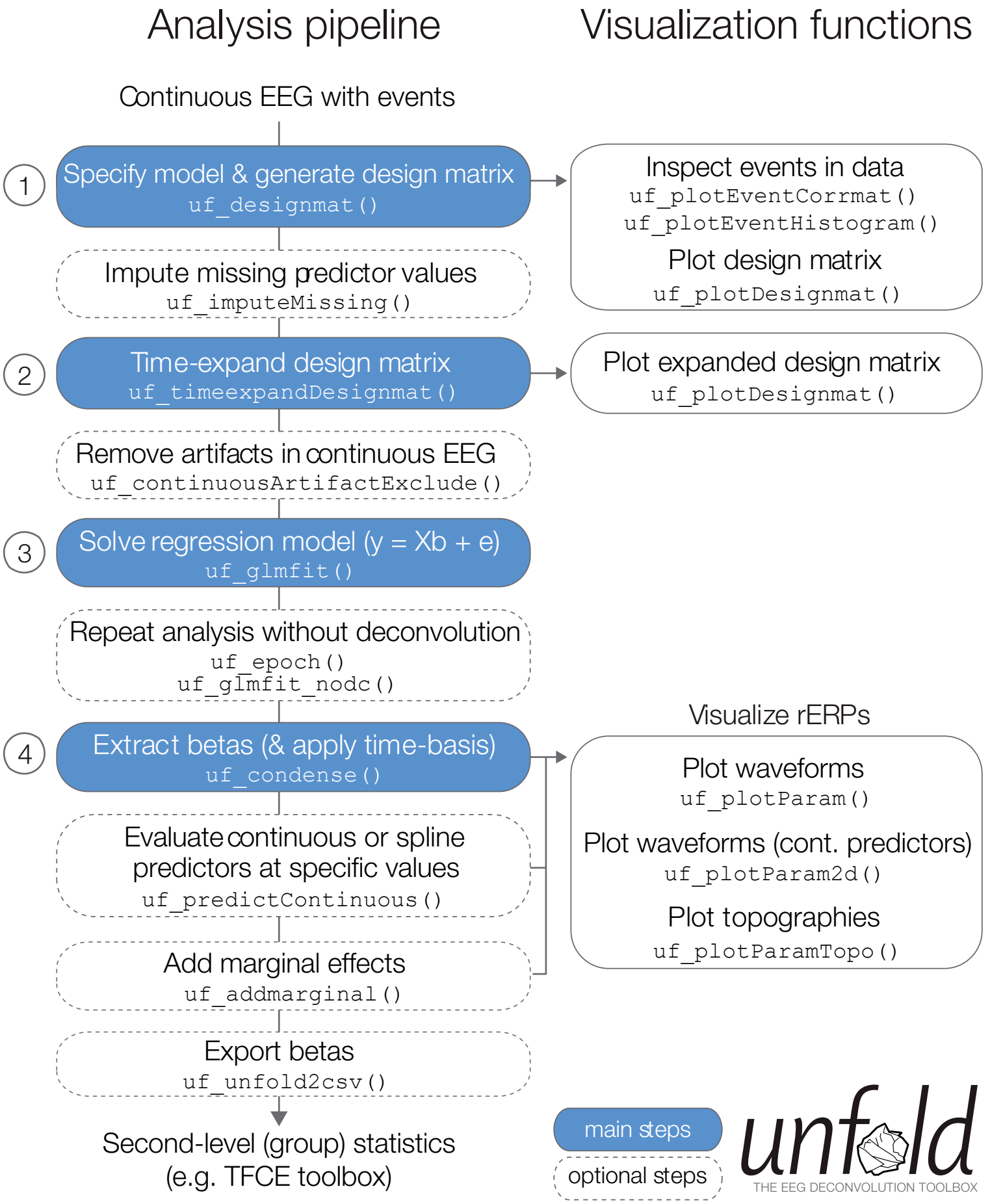
Analysis pipeline
Visualization functions
Continuous EEG with events
1
Specify model & generate design matrix
uf_designmat()
Inspect events in data
uf_plotEventCorrmat()
uf_plotEventHistogram()
Plot design matrix
uf_plotDesignmat()
Impute missing predictor values
uf_imputeMissing()
2
Time-expand design matrix
uf_timeexpandDesignmat()
Plot expanded design matrix
uf_plotDesignmat()
Remove artifacts in continuous EEG
uf_continuousArtifactExclude()
3
Solve regression model (y = Xb + e)
uf_glmfit()
Repeat analysis without deconvolution
uf_epoch()
uf_glmfit_nodc()
Visualize rERPs
4
Extract betas (& apply time-basis)
uf_condense()
Plot waveforms
uf_plotParam()
Plot waveforms (cont. predictors)
uf_plotParam2d()
Plot topographies
uf_plotParamTopo()
Evaluate continuous or spline predictors at specific values
uf_predictContinuous()
Add marginal effects
uf_addmarginal()
Export betas
uf_unfold2csv()
Second-level (group) statistics
(e.g. TFCE toolbox)
main steps
optional steps
unfold
THE EEG DECONVOLUTION TOOLBOX