TGA_results =
InteractionDelayReconstruction_calculate(cfgTEP,cfgTESS,data)

A Prepare data

> **dataprepared = TEeprepare(cfgTEP,data)**

dataprepared

B Reconstruct interaction delays

> **dataprepared = TEfinddelay(predicttimevec_u,cfgTESS,dataprepared)**

loop over *u*

Estimate TE using TRENTOOL's core functions

> **TEsurrogatestats(cfgTESS, dataprepared)**

Estimate TE using the ensemble method

> **TEsurrogatestats_ ensemble(cfgTESS,dataprepared)**

TGA_results _u

> **opt_u = TEfindmaxte(TGA_results)**

dataprepared

C Estimate TE using reconstructed interaction delyas, perform surrogate statistics

> **TEsurrogatestats(cfgTESS, dataprepared)**

> **TEsurrogatestats_ ensemble(cfgTESS,dataprepared)**

TEpermtest.TEpermvalues