

high-dimension  
(genetic) data

functional or longitudinal  
(clinical) data

longitudinal data processor

**FLXPmultiLasso(·)**  
(our new) concomitant driver  
for FlexMix

**flexmix(·)**  
function of FlexMix

**DiSuGen(·)**

**assoclog(·)**  
add-on to unbiased penalized  
logistic regression outputs  
using nnet

**plotclustclin(·)**  
**plotclustgenet(·)**  
visualization functions

clustering and genetic  
association results

