

Evaluate the performance of each method on African population, without complication of parameter tuning procedures.

P&T

Model fitting,  
with all (combinations of)  
hyperparameters



Calculate AUC for each  
hyperparameter.



Report the best AUC (i.e.  
for each method, report  
one number)

CEU.TRN

YRI.TRN

YRI.TST

P&T-weighted

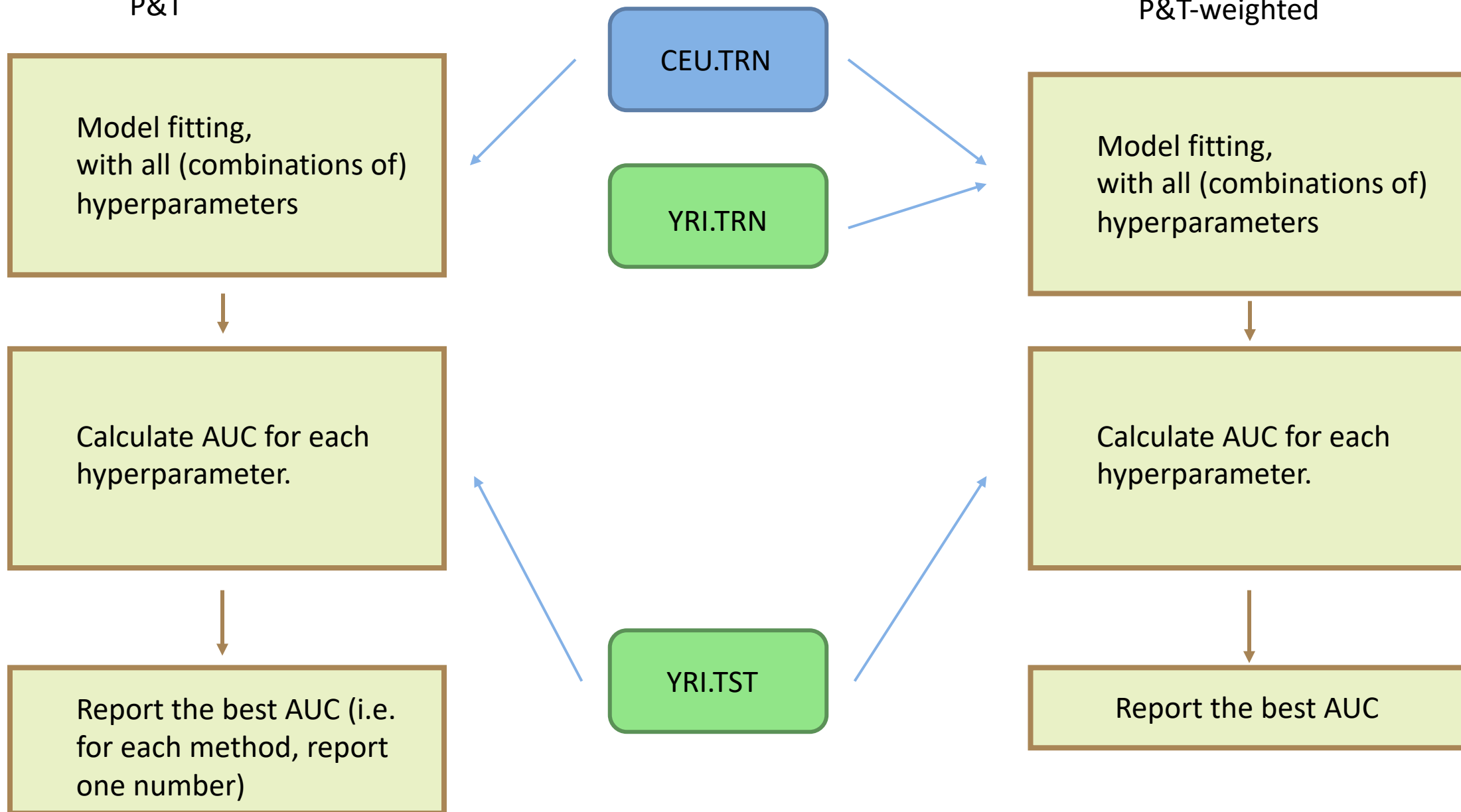
Model fitting,  
with all (combinations of)  
hyperparameters



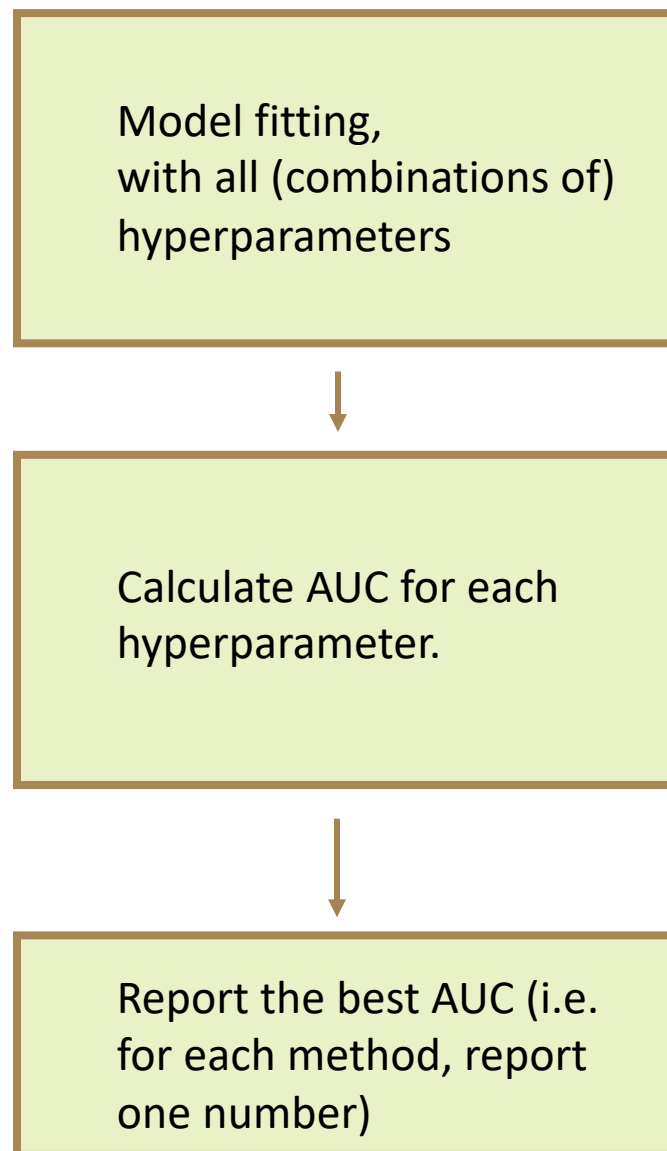
Calculate AUC for each  
hyperparameter.



Report the best AUC



## Lassosum



CEU.TRN

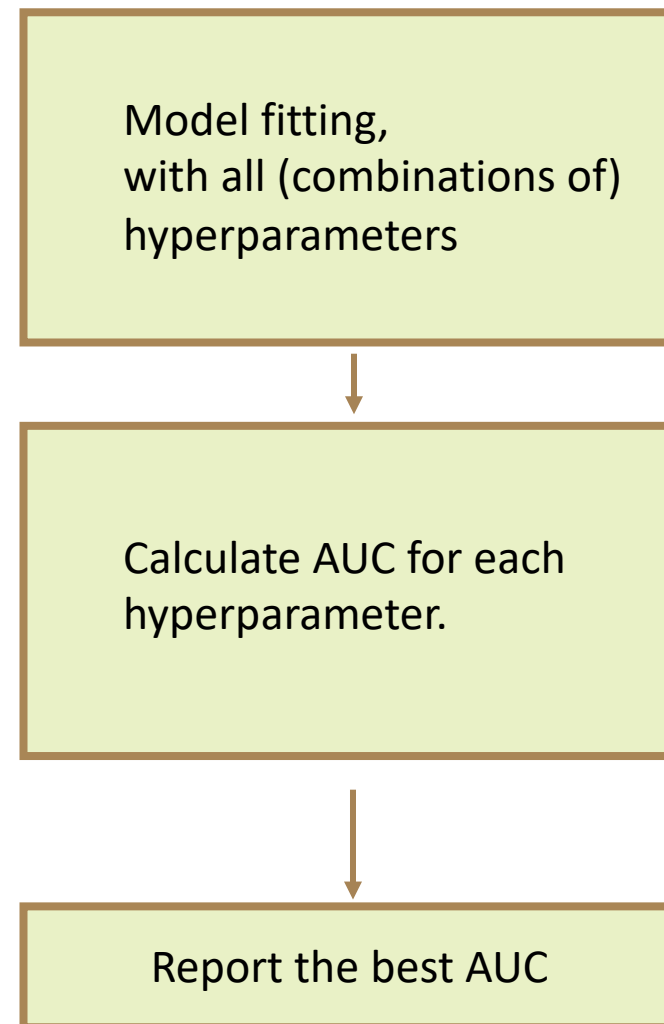
YRI.TRN

CEU reference panel

YRI reference panel

YRI.TST

## Lassosum-weighted, Joint Lassosum (our method)



Evaluate the performance of Joint LassoSum under different parameter tuning procedures. (pipeline not ready yet)

Using a score developed by Peng & Max

