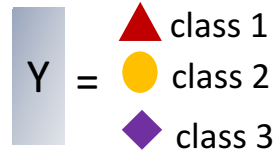
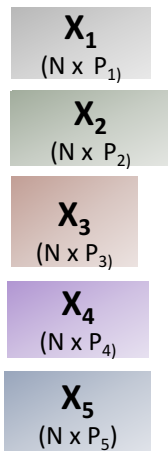


INPUT

phenotype

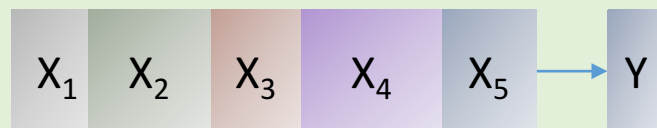


omics

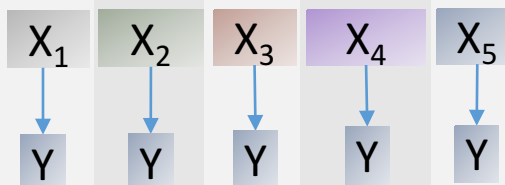


INTEGRATIVE MODELS

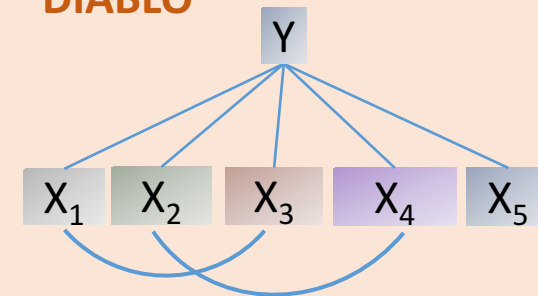
CONCATENATION



ENSEMBLE

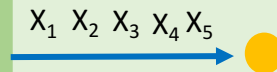


DIABLO

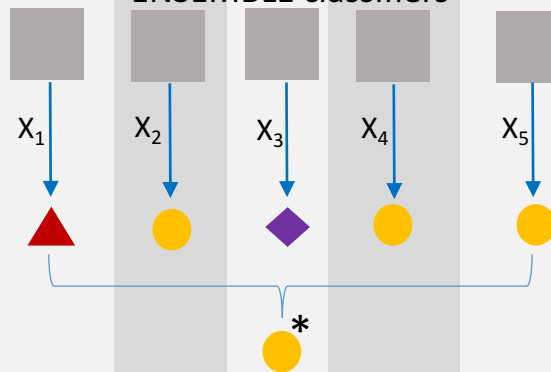


CLASS PREDICTION on new subject

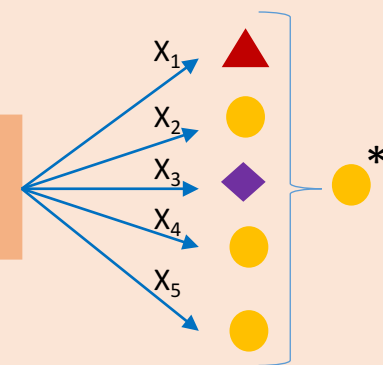
CONCATENATION classifier



ENSEMBLE classifiers






DIABLO classifier



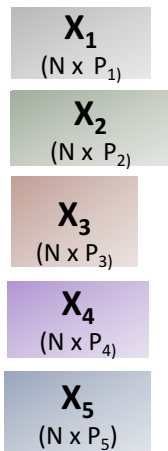
* Majority Vote or Weighted prediction

INPUT

phenotype

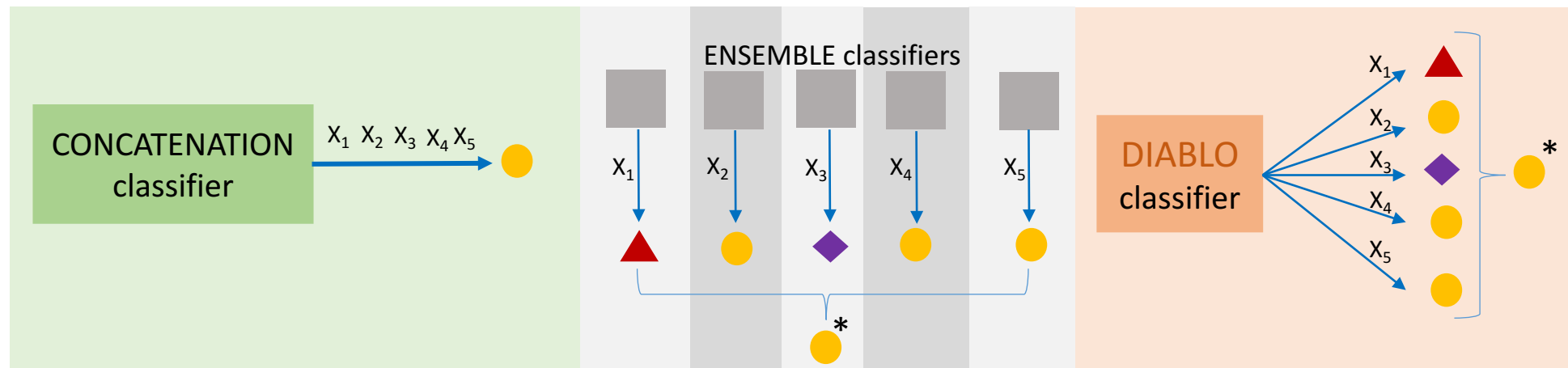
$Y =$  class 1
 class 2
 class 3

omics



INTEGRATIVE MODELS

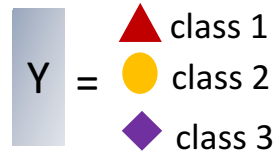
CLASS PREDICTION on new subject



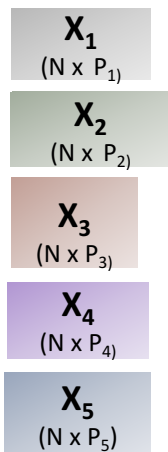
* Majority Vote or Weighted prediction

INPUT

phenotype

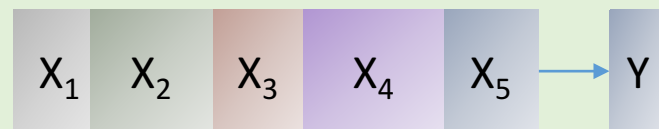


omics

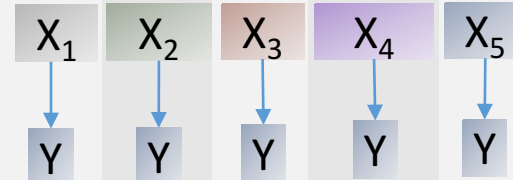


INTEGRATIVE MODELS

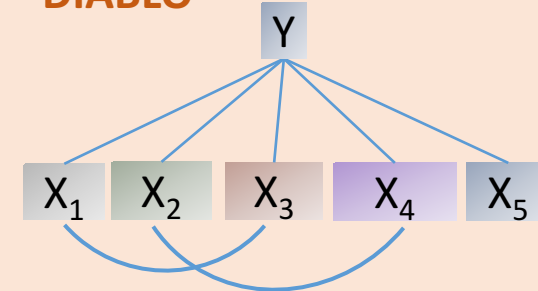
CONCATENATION



ENSEMBLE

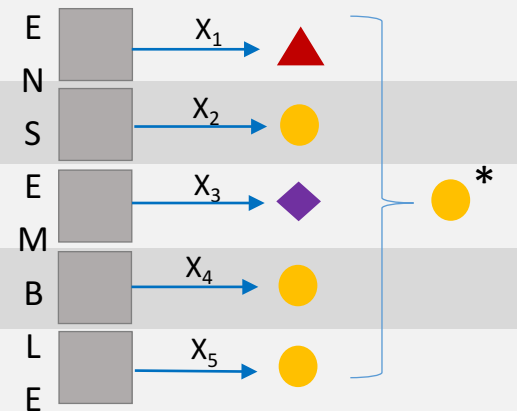
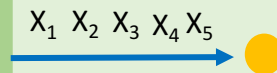


DIABLO

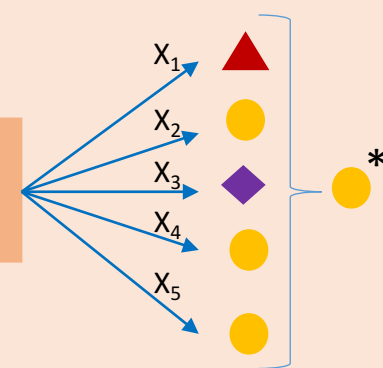


CLASS PREDICTION on new subject

CONCATENATION classifier



DIABLO classifier



* Majority Vote or Weighted prediction