INPUT

phenotype

Y = class 1 / class 2 / class 3

omics

X_1 ($N \times P_1$)

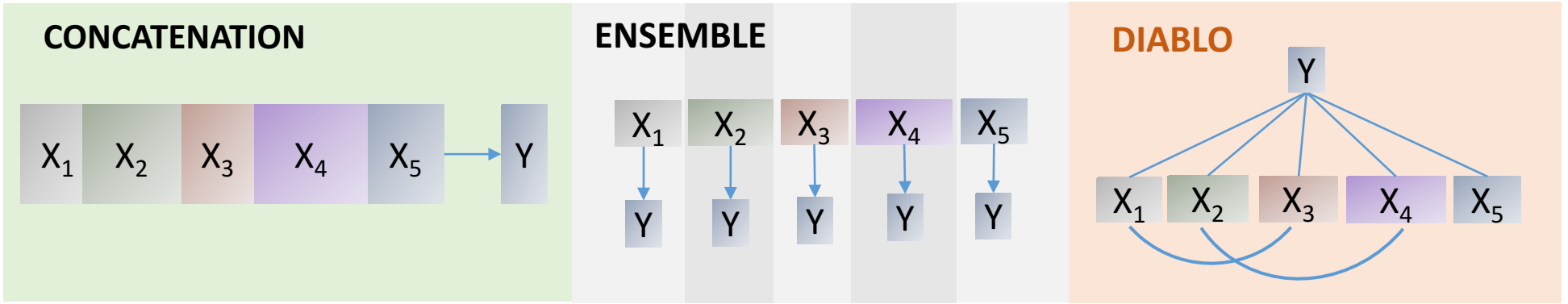
X_2 ($N \times P_2$)

X_3 ($N \times P_3$)

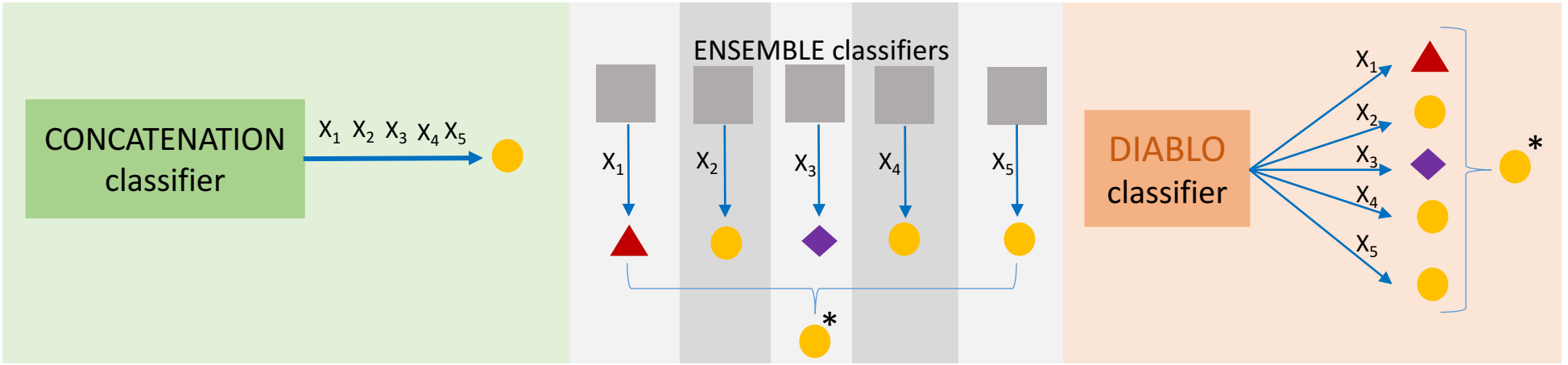
X_4 ($N \times P_4$)

X_5 ($N \times P_5$)

INTEGRATIVE MODELS



CLASS PREDICTION on new subject



* Majority Vote or Weighted prediction

INPUT

phenotype

Y = class 1, class 2, class 3

omics

X_1 ($N \times P_1$)

X_2 ($N \times P_2$)

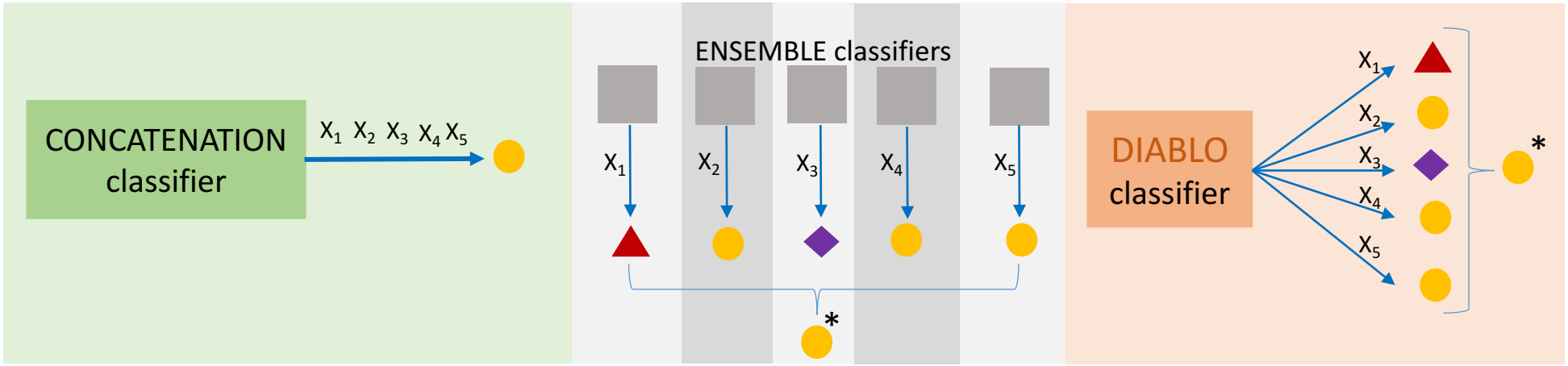
X_3 ($N \times P_3$)

X_4 ($N \times P_4$)

X_5 ($N \times P_5$)

INTEGRATIVE MODELS

CLASS PREDICTION on new subject



* Majority Vote or Weighted prediction

INPUT

phenotype

Y = class 1 / class 2 / class 3

omics

X_1 ($N \times P_1$)

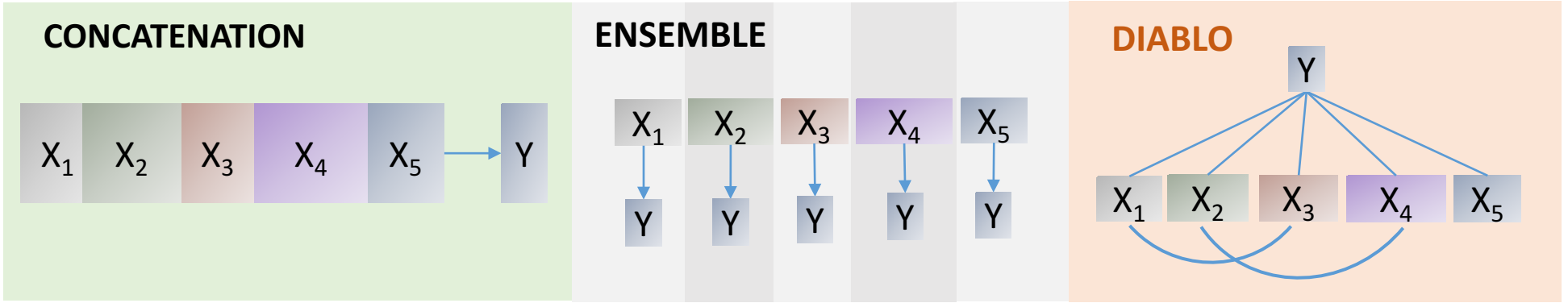
X_2 ($N \times P_2$)

X_3 ($N \times P_3$)

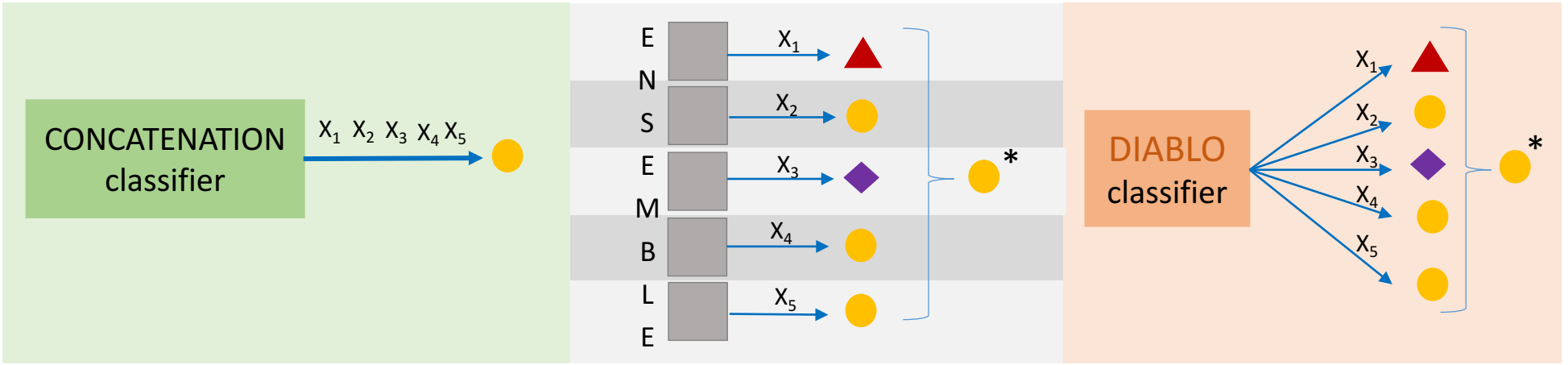
X_4 ($N \times P_4$)

X_5 ($N \times P_5$)

INTEGRATIVE MODELS



CLASS PREDICTION on new subject



* Majority Vote or Weighted prediction