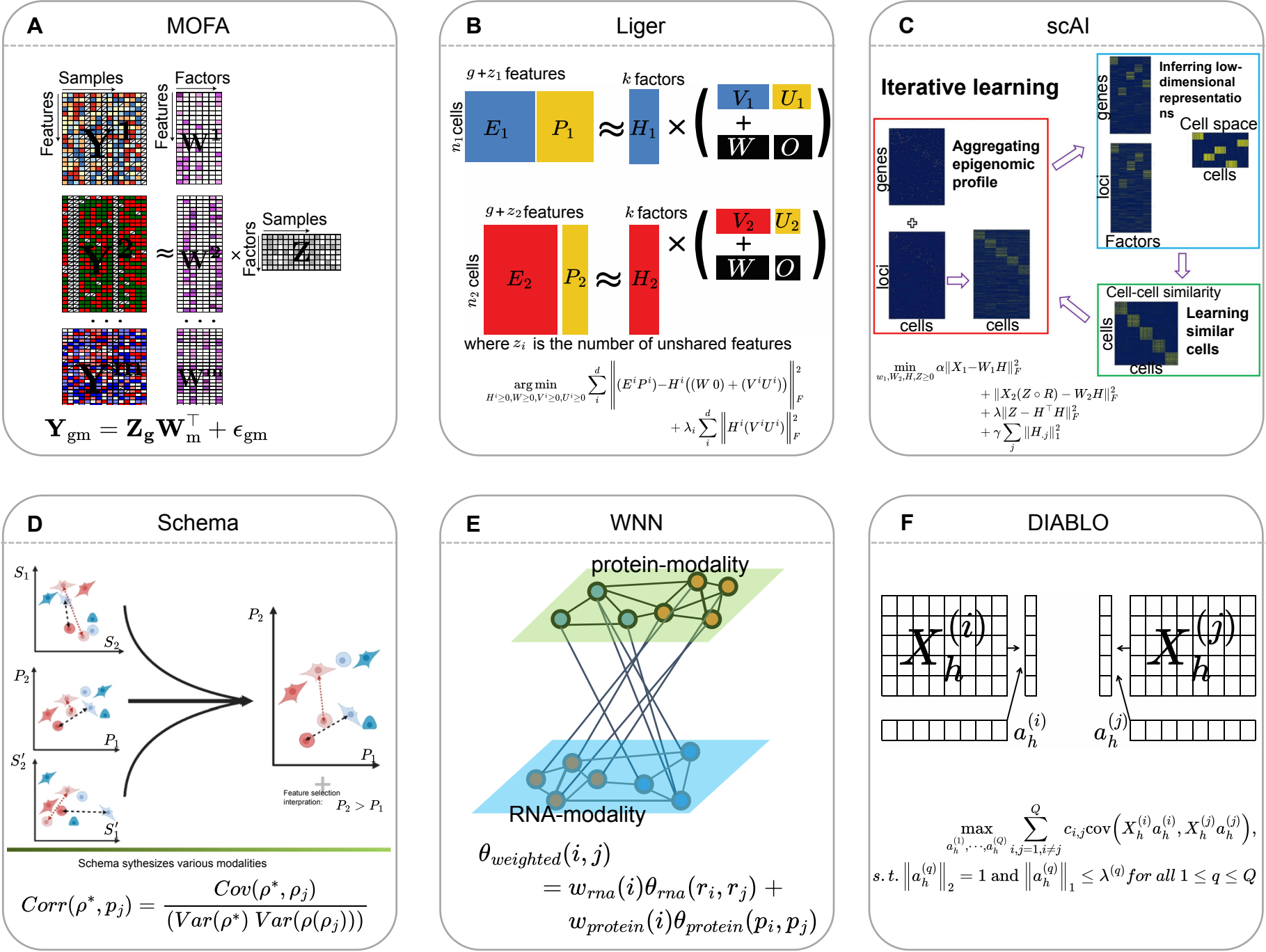
A
MOFA
Samples
Factors
Features
Y1
W1
Y2
W2
Y3
Wm
Z
Samples
Factors
B
Liger
g+z1 features
k factors
n1 cells
E1
P1
H1
V1
U1
W
O
g+z2 features
k factors
n2 cells
E2
P2
H2
V2
U2
where zi is the number of unshared features
C
scAI
Iterative learning
genes
Aggregating epigenomic profile
loci
cells
cells
Inferring low-dimensional representations
Cell space
cells
Factors
Cell-cell similarity
Learning similar cells
cells
cells
D
Schema
S1
S2
P2
P1
S'2
S'1
Feature selection interpration:
P2 > P1
Schema sythesizes various modalities
E
WNN
protein-modality
RNA-modality
F
DIABLO
X(i)h
X(j)h
a(i)h
a(j)h