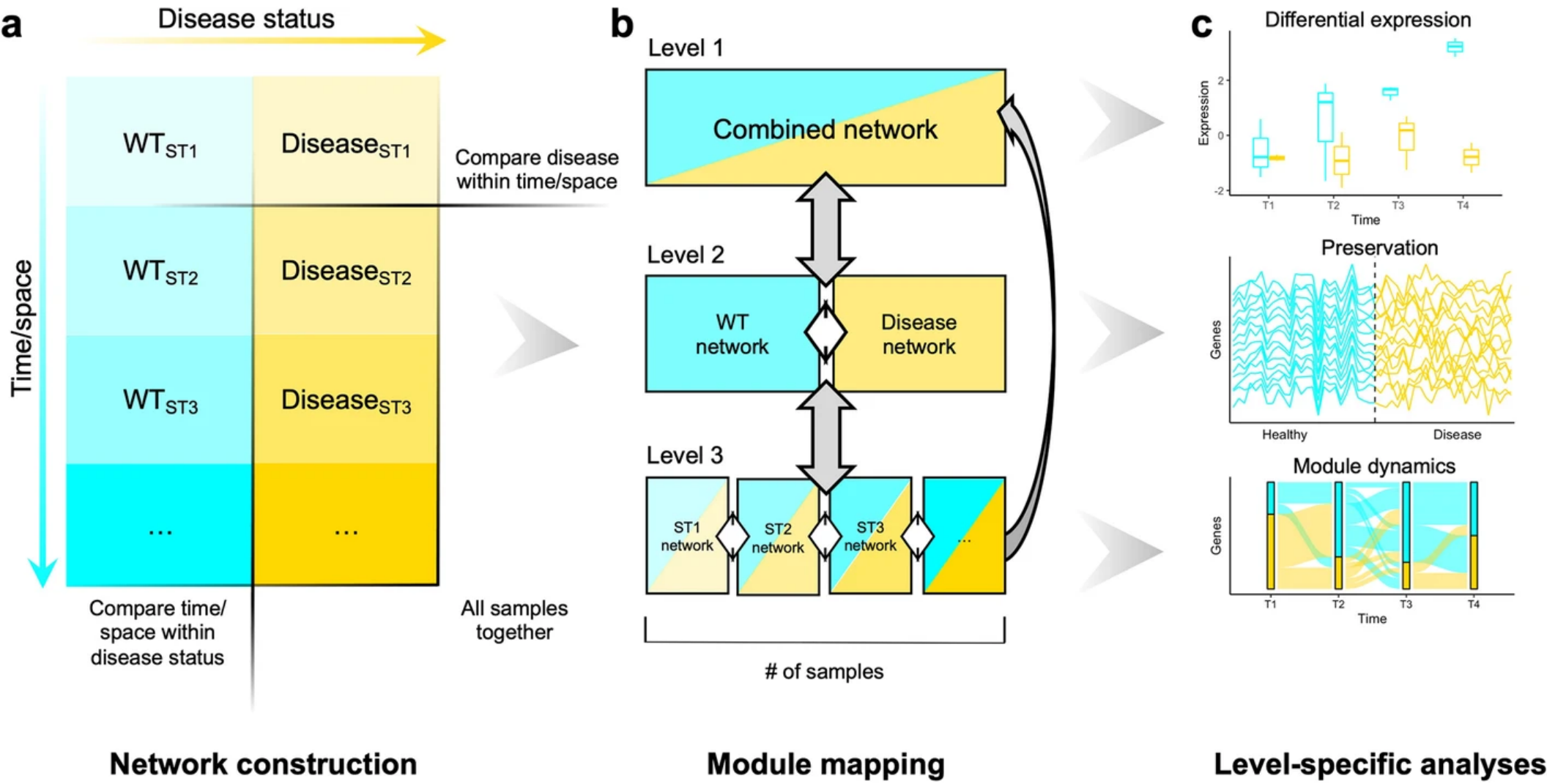
a
Disease status
Time/space
WTST1
DiseaseST1
WTST2
DiseaseST2
WTST3
DiseaseST3
...
...
Compare disease within time/space
Compare time/ space within disease status
All samples together
b
Level 1
Combined network
Level 2
WT network
Disease network
Level 3
ST1 network
ST2 network
ST3 network
...
# of samples
c
Differential expression
Expression
Time
T1
T2
T3
T4
Preservation
Genes
Healthy
Disease
Module dynamics
Genes
Time
Network construction
Module mapping
Level-specific analyses