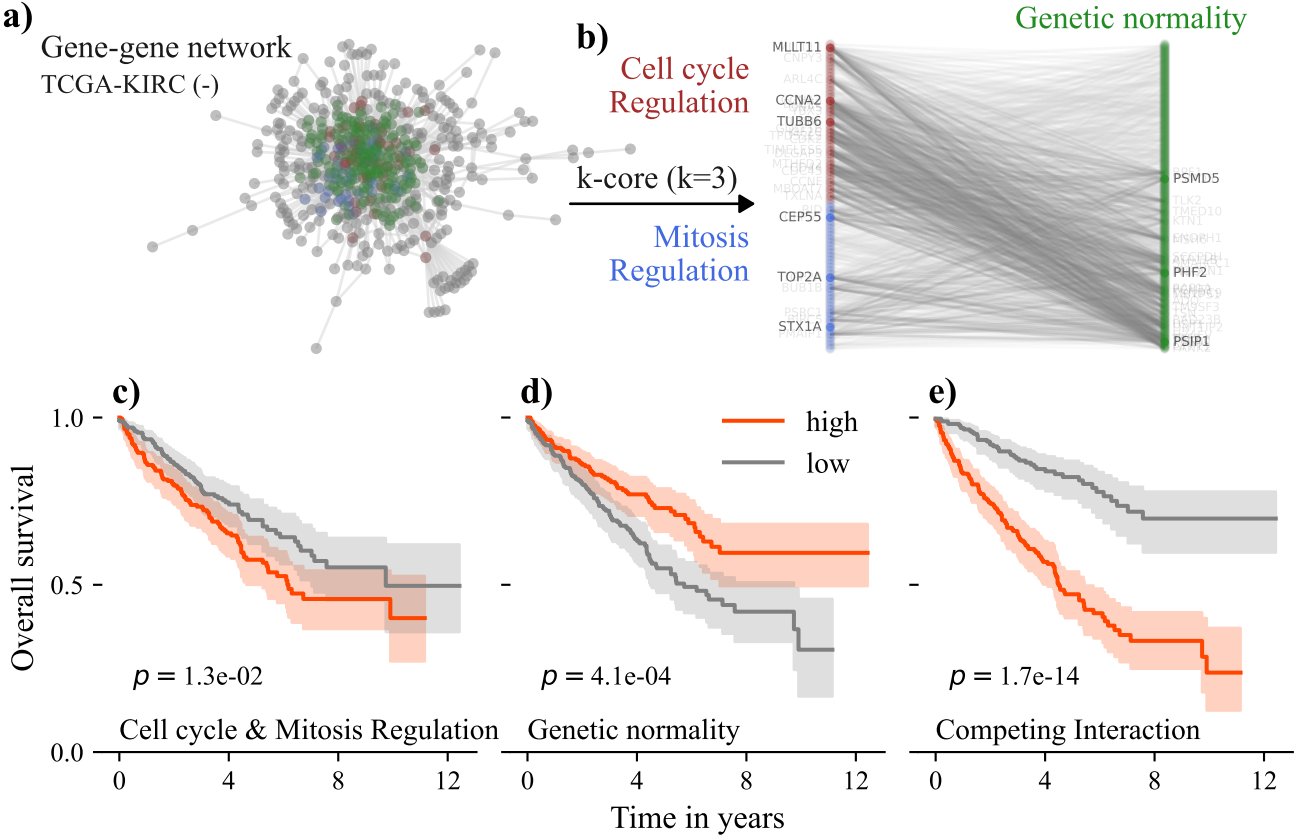
a)
Gene-gene network
TCGA-KIRC (-)
b)
Cell cycle
Regulation
k-core (k=3)
Mitosis
Regulation
Genetic normality
MLLT11
CCNA2
TUBB6
CEP55
TOP2A
STX1A
PSMD5
PHF2
PSIP1
c)
d)
e)
high
low
Overall survival
1.0
0.5
0.0
p = 1.3e-02
p = 4.1e-04
p = 1.7e-14
Cell cycle & Mitosis Regulation
Genetic normality
Competing Interaction
0
4
8
12
Time in years