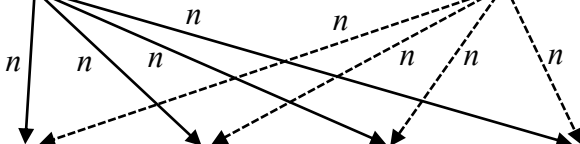


BRCA dataset
Total: 1177 samples

Tumor tissue
1018 samples

Normal tissue
99 samples

Sampling without replacement



Biological
replicate
number

Repeat I

Repeat II

Repeat III

Repeat IV

$n = 3$

DEG list I

DEG list II

DEG list III

DEG list IV

$n = 4$

DEG list I

DEG list II

DEG list III

DEG list IV

...

...

...

...

...

n (Max) = 24

DEG list I

DEG list II

DEG list III

DEG list IV

Power analysis for different n
(n (Max) was used as a reference)

Overlap rate analysis between any
two, three, or four repeats for each n