

A

**Blockclustering results**

Patient	Class
Patient X	PG1
Patient Y	PG0

**Training + Testing**

		Gene A	Gene B	Class
Patient X	Sample A TND	6	-1	1
	Sample B TND	2	-1	1
Patient Y	Sample A TND	3	3	0
	Sample B TND	8	6	0

- Multi-region sampling
- Tumour-Normal Difference (TND)

Trains and tests classification model with patient cluster as class

	Gene A	Gene B
Patient M TND	6	-1
Patient N TND	3	2

**TCGA paired sample data**

Treated as new data

**Classification MLP Model**

Predict if patient belongs to the cluster that is more likely to recur

Patient	Class
Patient M	PG1
Patient N	PG0

B

