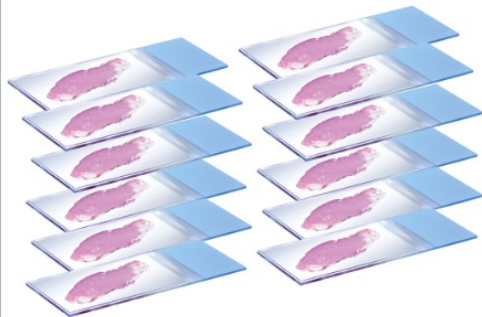
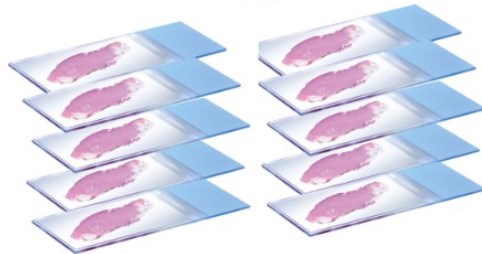


H&E whole slide image cohorts

The PCa TCGA cohort
436 WSIs

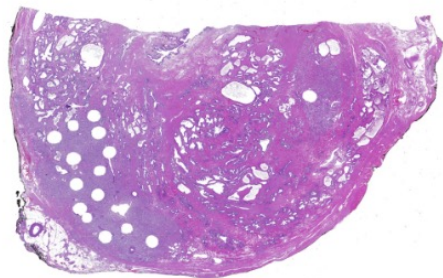


The PCa natural history cohort
314 WSIs

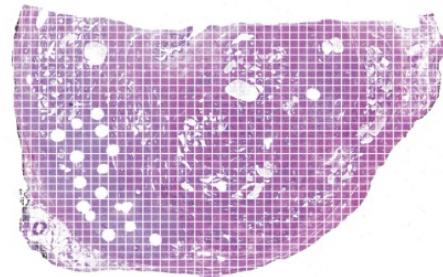


Preprocessing and patching

Tissue segmentation

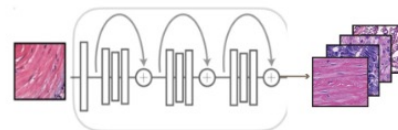


512X512 px patches

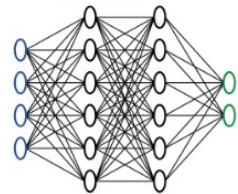


Training and evaluation

Feature extraction

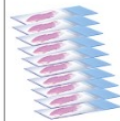


Attention and classification network



TCGA cohort

Training
70%



Validation
15%

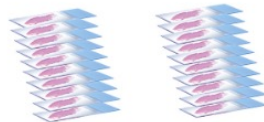


Testing
15%

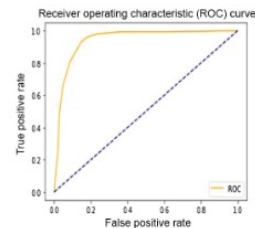


Natural history cohort

All cohort as an independent testing set



Assesment of performance



		Actual class	
		1	0
Predicted class	1	True positive	False positive
	0	False negative	True negative