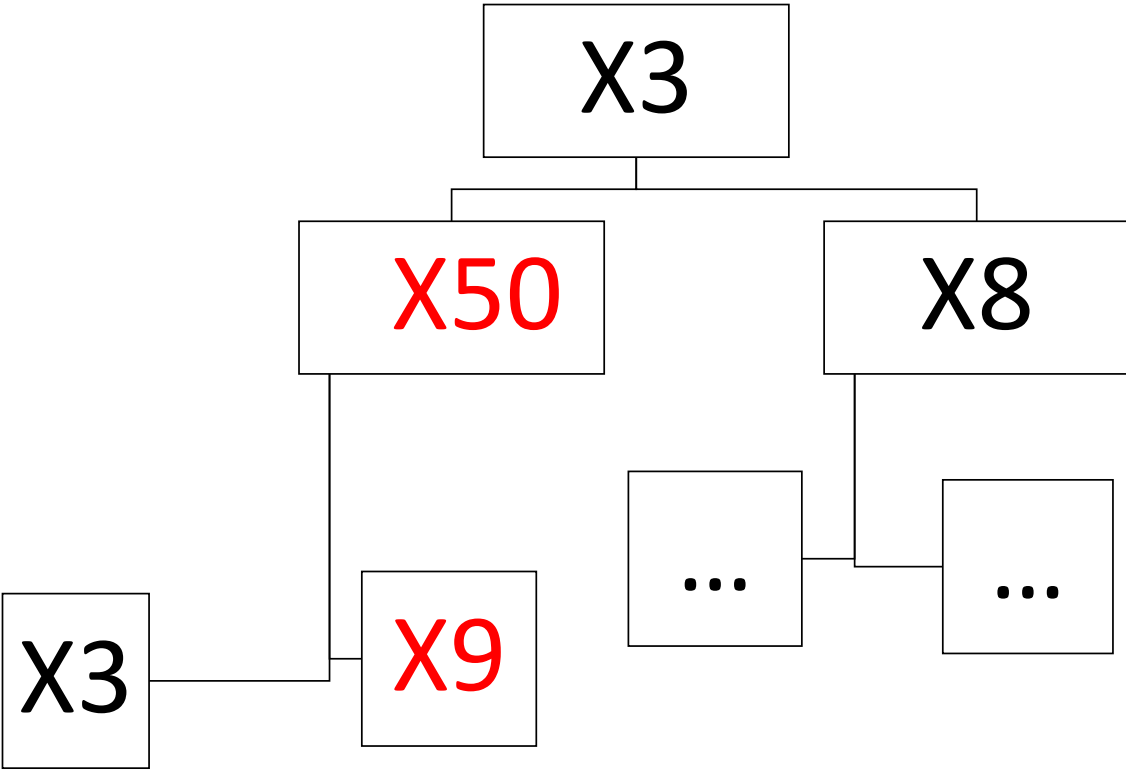
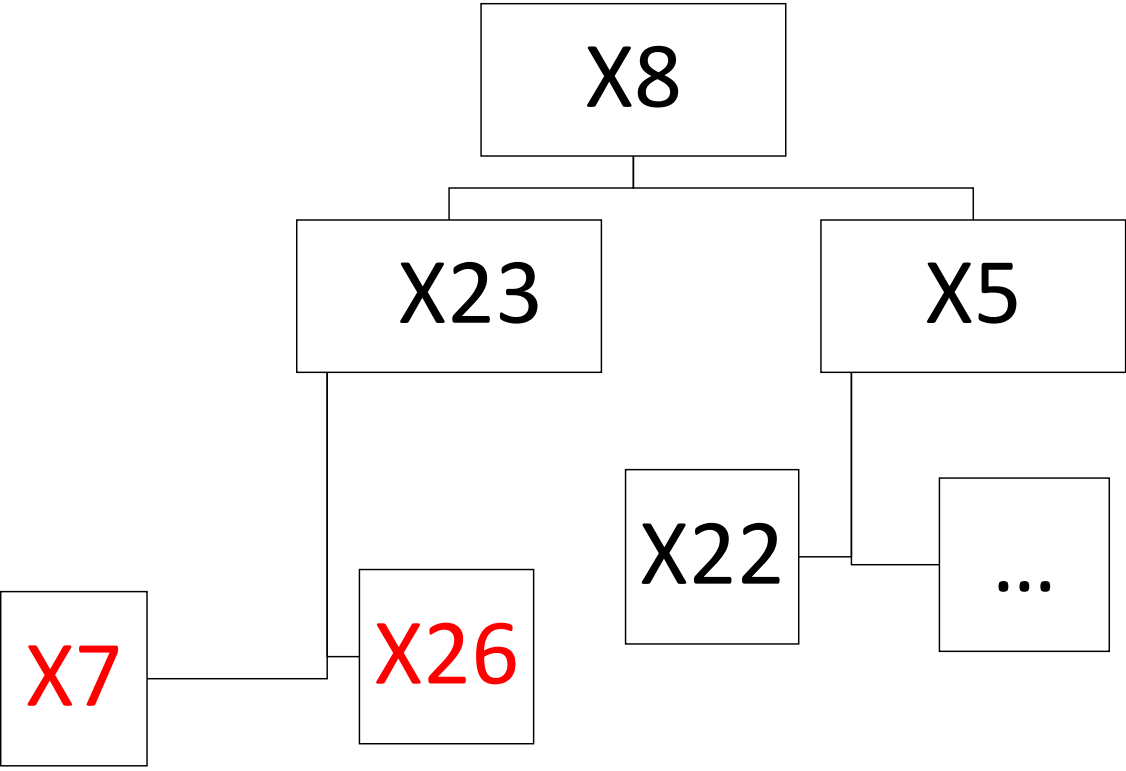


# Random Forest

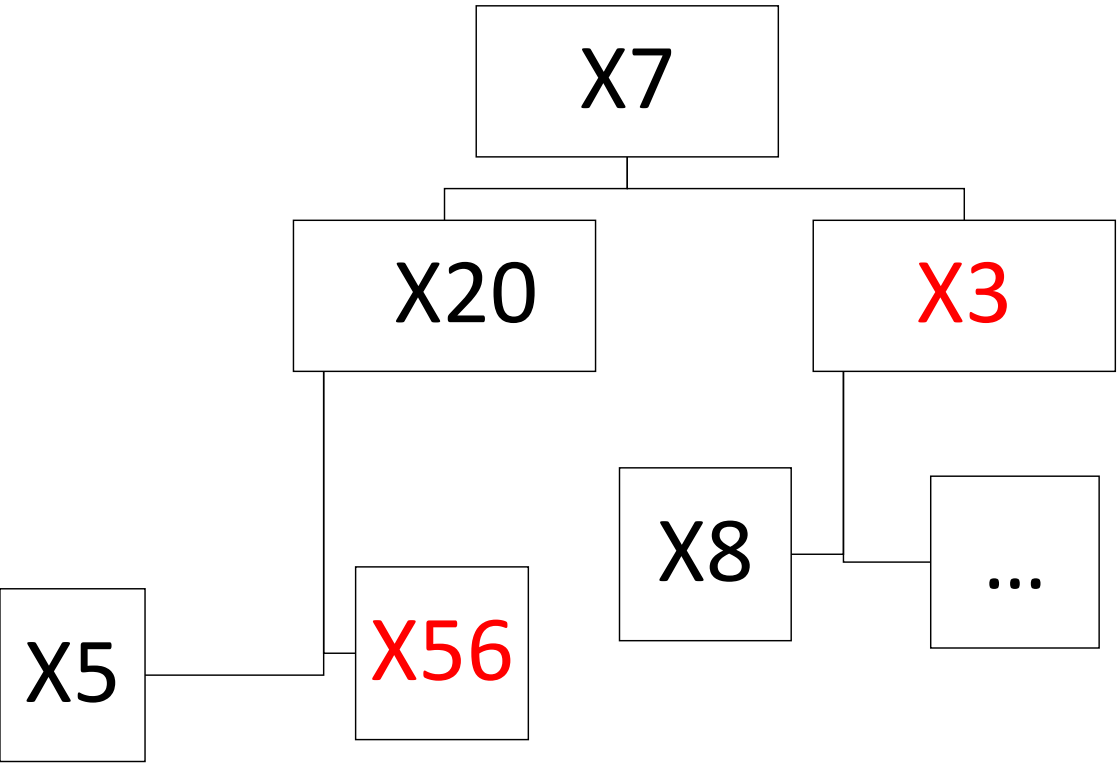
Tree1



Tree2



Tree3



Feature on each Tree

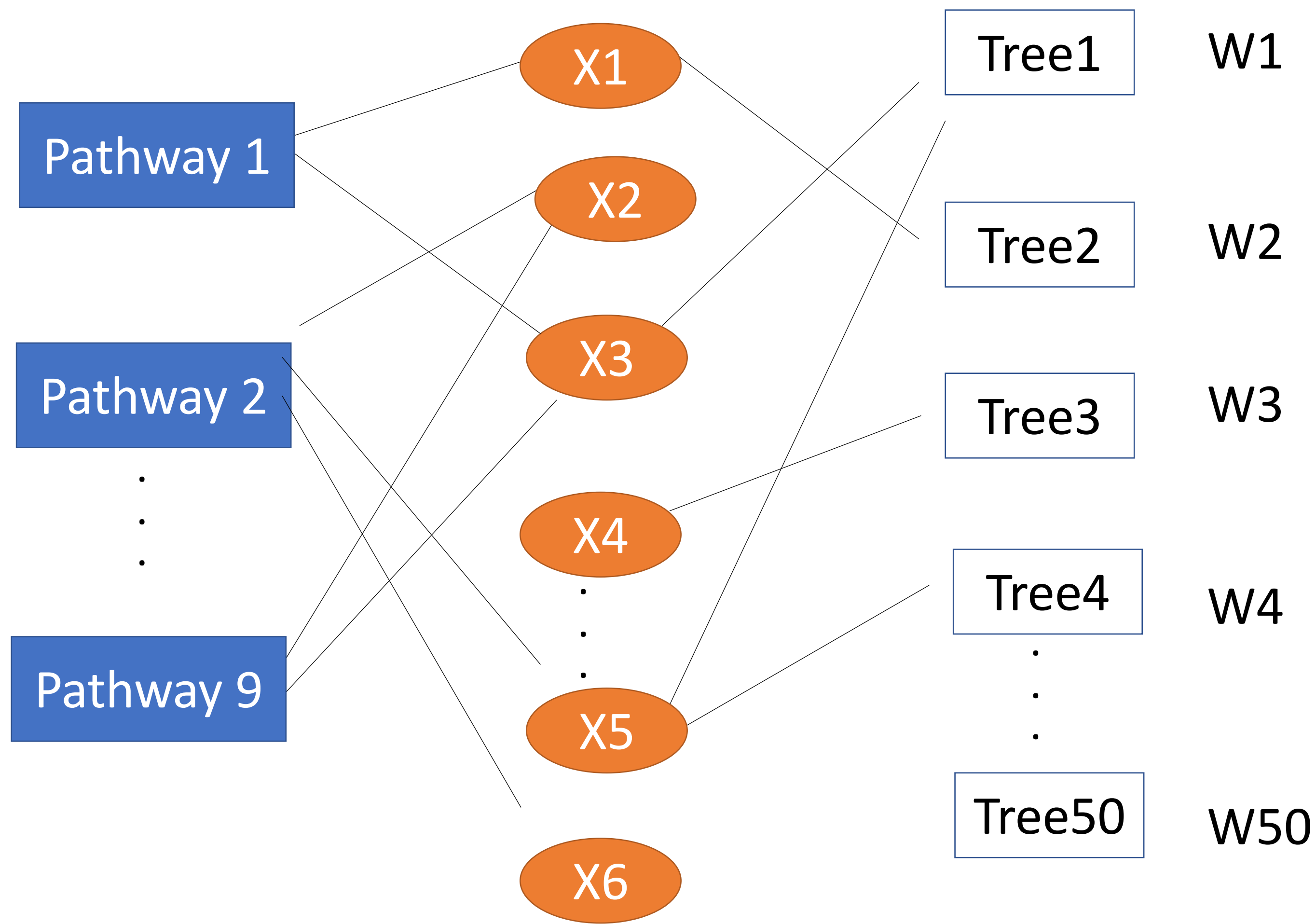
	X1	X2	X3	...	X1000
Tree1	NA	NA	2		NA
Tree 2	1	NA	NA		2
...					...
Tree500	2	NA	NA		NA

NA: The feature are not used in this tree

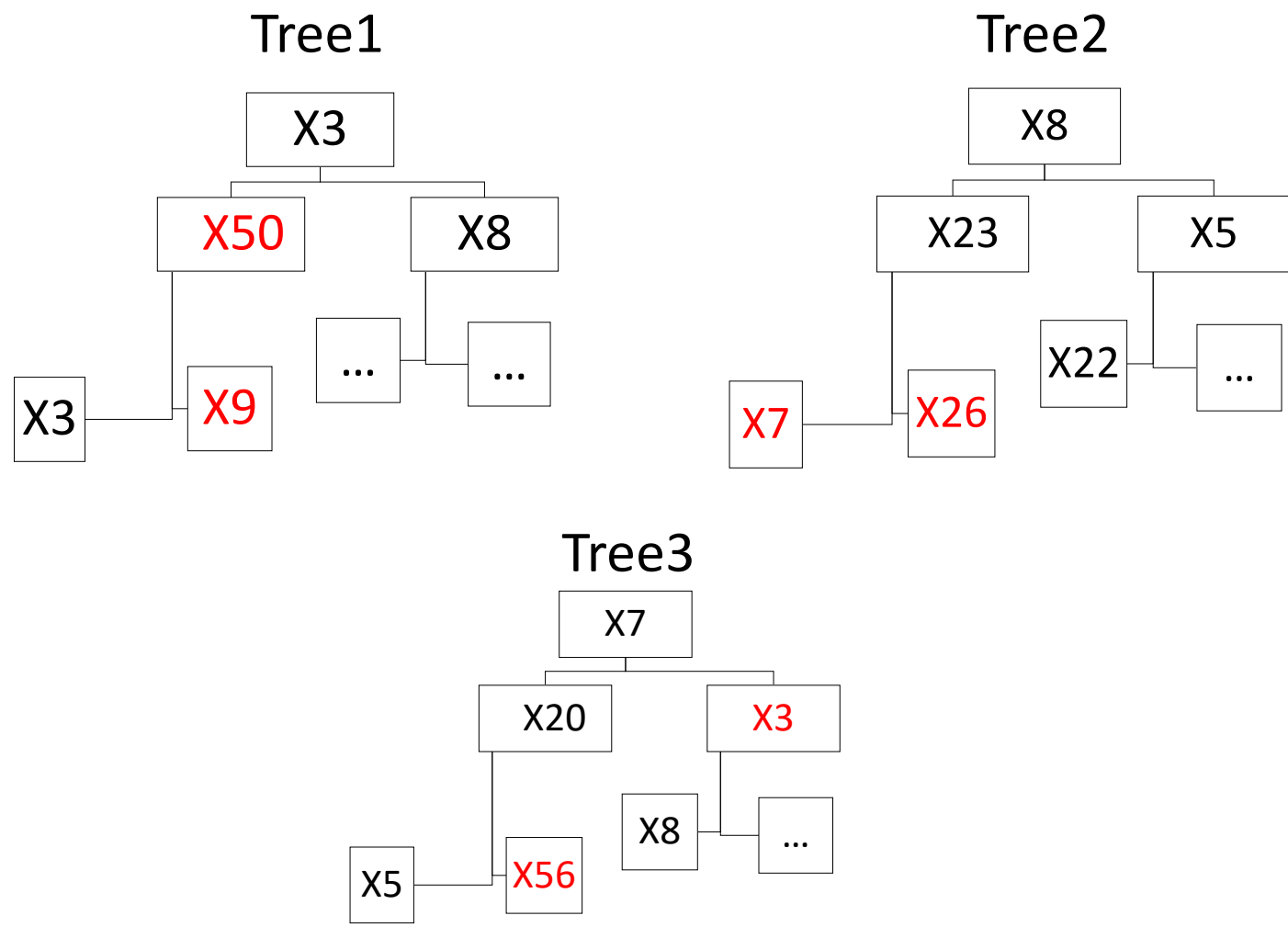
Prediction on each Tree

	S1	S2	S3	...	S1000
Tree1	1	0	NA		1
Tree 2	0	NA	1		NA
...					...
Tree500	0	NA	NA		NA

NA: The sample are not out-of-bag sample for this tree, it is used for tree construction



# Random Forest



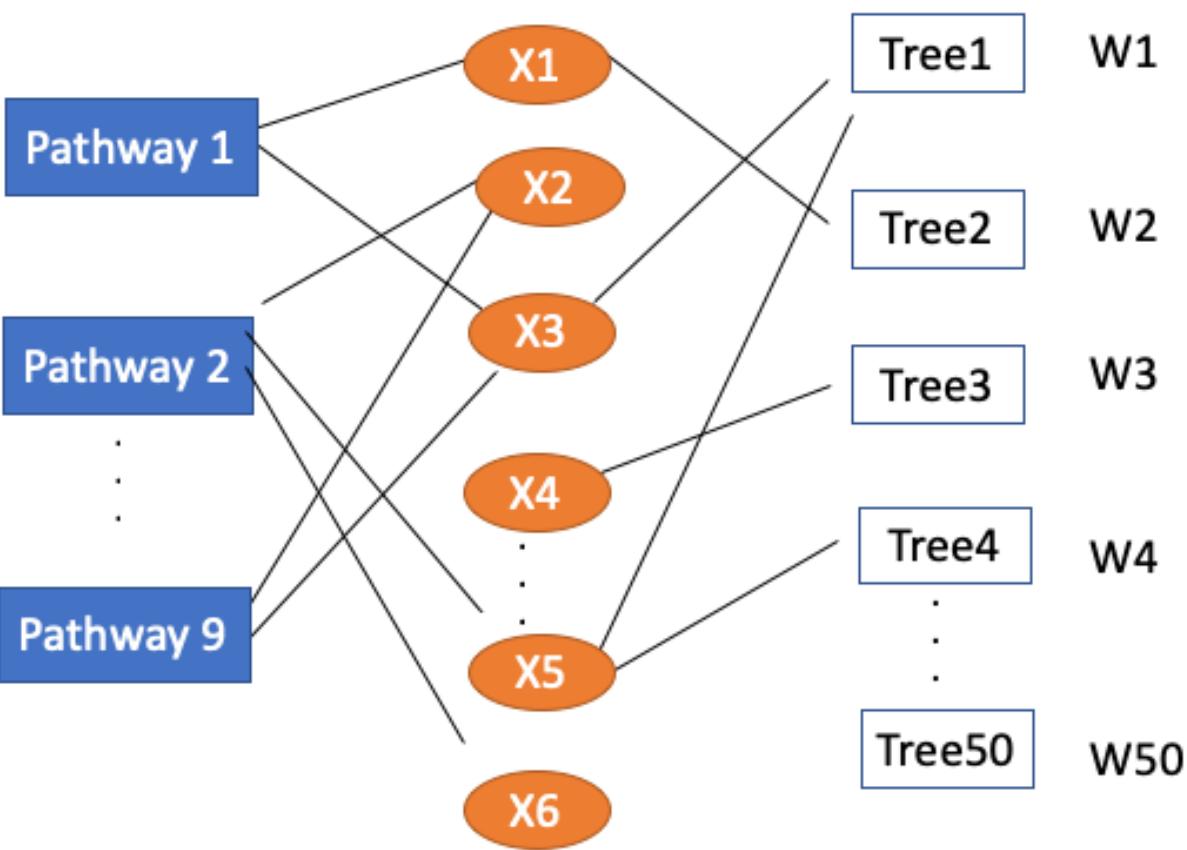
Feature on each Tree

	X1	X2	X3	...	X1000
Tree1	NA	NA	2		NA
Tree 2	1	NA	NA		2
...					...
Tree500	2	NA	NA		NA

NA: The feature are not used in this tree

Prediction on each Tree

	S1	S2	S3	...	S1000
Tree1	1	0	NA		1
Tree 2	0	NA	1		NA
...					...
Tree500	0	NA	NA		NA



NA: The sample are not out-of-bag sample for this tree, it is used for tree construction