

Dataset	Model	History length	#Features	AUC	likelihood	AUPR
Test	knn	12	11	0.76	0.61	0.35
Validation	knn	1	1	0.66	0.71	0.54
		2	2	0.72	0.62	0.48
		3	3	0.74	0.59	0.46
		4	4	0.76	0.58	0.44
		5	5	0.77	0.58	0.44
		6	6	0.77	0.57	0.43
		7	6	0.79	0.56	0.42
		8	8	0.79	0.55	0.42
		9	9	0.8	0.54	0.41
		10	9	0.8	0.54	0.41
		11	10	0.81	0.53	0.41
		12	11	0.81	0.53	0.4
Training		1	1	0.66	0.65	0.57
		2	2	0.72	0.59	0.52
		3	3	0.75	0.56	0.49
		4	4	0.76	0.56	0.48
		5	5	0.77	0.55	0.47
		6	6	0.78	0.54	0.47
		7	7	0.78	0.54	0.46
		8	8	0.79	0.54	0.46
		9	8	0.79	0.54	0.46
		10	9	0.8	0.53	0.45
		11	11	0.8	0.53	0.45
		12	12	0.81	0.53	0.45