Dataset	Model	History length	#Features	AUC	likelihood	AUPR
Test	**knn**	**9**	**9**	**0.48**	**0.76**	**0.52**
Validation		1	1	0.5	0.69	0.74
		2	2	0.51	4.77	0.68
		3	2	0.53	12.09	0.53
		4	4	0.56	0.77	0.47
		5	4	0.52	2.68	0.5
		6	6	0.52	0.77	0.47
		7	3	0.57	0.8	0.48
		8	8	0.57	0.76	0.43
		9	**9**	**0.59**	**0.75**	**0.44**
		10	10	0.59	0.75	0.42
		11	3	0.57	0.79	0.48
		12	3	0.58	0.78	0.47
Training	**knn**	1	1	0.5	0.69	0.84
		2	2	0.49	2.85	0.82
		3	3	0.58	0.63	0.62
		4	4	0.59	0.62	0.61
		5	4	0.66	2.79	0.57
		6	6	0.64	0.6	0.61
		7	7	0.73	2.28	0.52
		8	7	0.7	0.55	0.55
		9	7	0.72	0.55	0.54
		10	7	0.72	0.98	0.53
		11	8	0.73	1.41	0.5
		12	**8**	**0.78**	**2.66**	**0.47**