Dataset	Model	History length	#Features	AUC	likelihood	AUPR
Test	**knn**	**10**	**9**	**0.76**	**0.61**	**0.76**
Validation		1	1	0.67	5.91	0.71
		2	2	0.72	0.63	0.7
		3	3	0.74	0.6	0.7
		4	4	0.76	0.58	0.71
		5	5	0.77	0.57	0.71
		6	6	0.78	0.56	0.72
		7	7	0.79	0.55	0.73
		8	7	0.8	0.54	0.74
		9	8	0.81	0.54	0.75
		10	**9**	**0.81**	**0.53**	**0.75**
		11	10	0.81	0.53	0.74
		12	11	0.81	0.53	0.74
Training	**knn**	1	1	0.66	5.96	0.65
		2	2	0.71	0.6	0.66
		3	3	0.74	0.58	0.67
		4	4	0.75	0.57	0.68
		5	5	0.76	0.56	0.68
		6	6	0.78	0.55	0.69
		7	7	0.78	0.55	0.7
		8	8	0.79	0.54	0.71
		9	9	0.8	0.54	0.71
		10	10	0.8	0.54	0.71
		11	10	0.8	0.53	0.72
		12	**12**	**0.8**	**0.53**	**0.71**