Dataset	Model	History length	#Features	AUC	likelihood	AUPR
Test	**knn**	**9**	**9**	**0.77**	**0.59**	**0.77**
Validation		1	1	0.66	0.73	0.7
		2	1	0.71	0.64	0.69
		3	3	0.74	0.6	0.7
		4	4	0.75	0.59	0.71
		5	5	0.77	0.57	0.72
		6	6	0.78	0.57	0.73
		7	7	0.79	0.56	0.71
		8	8	0.8	0.55	0.75
		9	**9**	**0.8**	**0.53**	**0.73**
		10	10	0.8	0.54	0.75
		11	9	0.8	0.54	0.72
		12	12	0.8	0.54	0.74
Training	**knn**	1	1	0.66	0.67	0.66
		2	1	0.71	0.61	0.66
		3	3	0.74	0.58	0.67
		4	4	0.76	0.57	0.68
		5	5	0.77	0.55	0.69
		6	6	0.78	0.55	0.69
		7	7	0.79	0.54	0.7
		8	8	0.8	0.55	0.72
		9	9	0.8	0.54	0.71
		10	10	0.8	0.54	0.72
		11	11	0.8	0.53	0.71
		12	**12**	**0.8**	**0.53**	**0.71**