Dataset	Model	History length	#Features	AUC	likelihood	AUPR
Test	**glm**	**7**	**2**	**0.49**	**0.73**	**0.55**
Validation		1	1	0.53	0.79	0.59
		2	2	0.54	0.76	0.53
		3	3	0.55	0.75	0.5
		4	2	0.57	0.75	0.5
		5	4	0.54	0.73	0.48
		6	6	0.54	0.73	0.46
		7	2	0.58	0.73	0.51
		8	**2**	**0.58**	**0.73**	**0.51**
		9	2	0.57	0.73	0.51
		10	2	0.57	0.73	0.51
		11	2	0.57	0.73	0.51
		12	2	0.58	0.73	0.51
Training	**glm**	1	1	0.51	0.62	0.73
		2	1	0.55	0.61	0.7
		3	3	0.57	0.61	0.65
		4	3	0.59	0.61	0.64
		5	4	0.64	0.6	0.61
		6	4	0.64	0.6	0.61
		7	7	0.66	0.59	0.6
		8	8	0.66	0.6	0.59
		9	8	0.67	0.59	0.59
		10	10	0.67	0.59	0.58
		11	**10**	**0.68**	**0.59**	**0.57**
		12	12	0.67	0.59	0.57