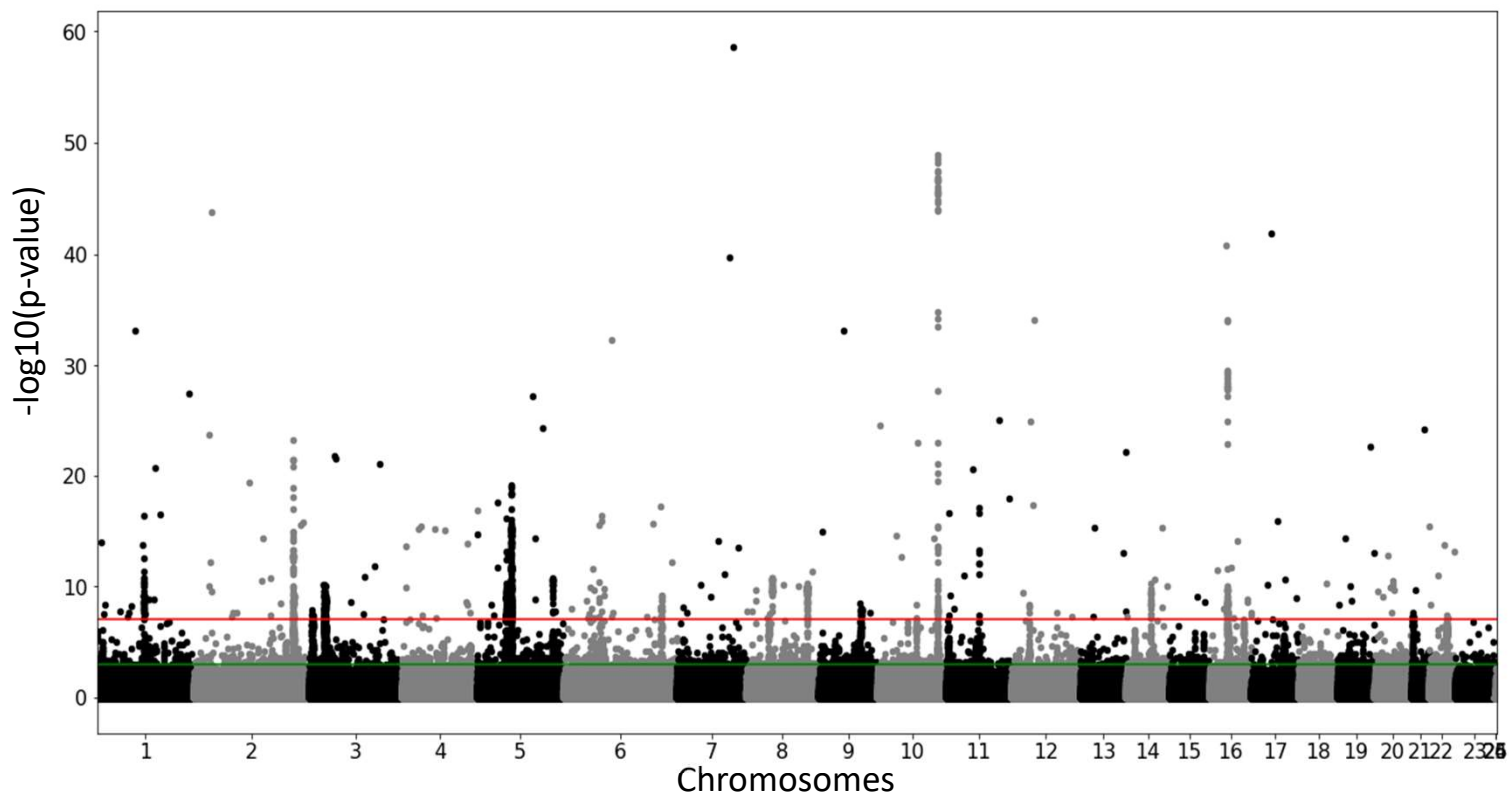


(A)



(B)

p-value cutoff	SNPs	Computational Cost of Training		AUC		Accuracy	
		Convergence time (minutes)	Peak Memory (GB)	Training	Validation	Training	Validation
None	528,620	1308	66.6	100.0%	65.9%	100.0%	60.1%
10^{-2}	13,890	51	3.2	93.4%	66.5%	85.1%	61.4%
10^{-3}	5,273	23	2.2	80.5%	67.1%	73.4%	62.0%
10^{-4}	3,041	16	2	75.9%	66.4%	67.6%	61.1%
10^{-5}	2,099	9	1.4	72.2%	65.7%	63.2%	60.8%