Model	Form	$\text{AUC}_{\text{train}}$	AUC_{val}	AUC_{test}	Size
(1)	Age + Sex	0.5293	0.5297	0.5320	2
(2)	Age + Sex + 10 PCs	0.5342	0.5344	0.5367	12
(3)	(2) + Single SNP	0.5463	0.5476	0.5454	13
(4)	(2) + 10K Combined	0.5783	0.5580	0.5531	10,012
(5)	(2) + 100K Combined	0.6884	0.5644	0.5580	100,012
(6)	Sequential LR	0.6601	0.5883	0.5884	2,012
(7)	Lasso	0.7692	0.6159	0.6126	5,936
(8)	Relaxed Lasso	0.6747	0.5988	0.5955	621
(9)	Elastic Net	0.7803	0.6167	**0.6131**	7,811