Ridge	0.705	0.690	0.764	0.661	0.725	0.620	0.657	0.689
glmBoost+plsRglm	0.706	0.692	0.733	0.682	0.704	0.621	0.657	0.685
glmBoost+Ridge	0.709	0.698	0.721	0.677	0.699	0.617	0.665	0.684
glmBoost+Enet[alpha=0.1]	0.709	0.699	0.714	0.674	0.699	0.612	0.660	0.681
Enet[alpha=0.1]	0.714	0.697	0.717	0.665	0.700	0.612	0.663	0.681
RF+Ridge	0.704	0.690	0.757	0.640	0.697	0.616	0.663	0.681
Enet[alpha=0.2]	0.716	0.702	0.711	0.670	0.693	0.609	0.659	0.68
plsRglm	0.711	0.659	0.729	0.639	0.736	0.616	0.668	0.68
glmBoost+Enet[alpha=0.2]	0.709	0.698	0.710	0.678	0.699	0.610	0.656	0.68
Enet[alpha=0.3]	0.709	0.701	0.709	0.679	0.695	0.606	0.659	0.68
RF+Enet[alpha=0.1]	0.708	0.695	0.723	0.669	0.695	0.605	0.663	0.68
glmBoost+Enet[alpha=0.3]	0.709	0.697	0.709	0.682	0.696	0.608	0.655	0.68
Enet[alpha=0.4]	0.709	0.701	0.709	0.683	0.693	0.604	0.657	0.679
glmBoost+Enet[alpha=0.4]	0.709	0.697	0.707	0.683	0.698	0.607	0.651	0.679
Enet[alpha=0.5]	0.710	0.702	0.706	0.681	0.692	0.604	0.657	0.679
glmBoost+Enet[alpha=0.5]	0.709	0.697	0.707	0.683	0.698	0.606	0.651	0.679
glmBoost+Enet[alpha=0.7]	0.708	0.697	0.706	0.681	0.698	0.606	0.653	0.678
Enet[alpha=0.7]	0.715	0.703	0.709	0.670	0.695	0.602	0.655	0.678
glmBoost+LDA	0.708	0.698	0.709	0.674	0.693	0.609	0.659	0.678
Enet[alpha=0.6]	0.710	0.703	0.707	0.678	0.693	0.603	0.655	0.678
glmBoost+Enet[alpha=0.9]	0.709	0.698	0.706	0.680	0.698	0.606	0.653	0.678
Lasso	0.715	0.703	0.709	0.674	0.693	0.600	0.654	0.678
glmBoost+Enet[alpha=0.6]	0.709	0.697	0.707	0.681	0.697	0.606	0.650	0.678
Enet[alpha=0.9]	0.715	0.702	0.709	0.672	0.693	0.601	0.655	0.678
glmBoost+Enet[alpha=0.8]	0.708	0.697	0.709	0.680	0.697	0.605	0.650	0.678
glmBoost+Lasso	0.708	0.697	0.707	0.680	0.698	0.605	0.650	0.678
RF+Enet[alpha=0.2]	0.709	0.696	0.714	0.671	0.695	0.602	0.658	0.678
glmBoost+Stepglm[forward]	0.709	0.697	0.704	0.678	0.697	0.607	0.652	0.678
Enet[alpha=0.8]	0.710	0.702	0.706	0.675	0.695	0.601	0.655	0.678
glmBoost	0.711	0.702	0.706	0.675	0.696	0.600	0.653	0.678
Stepglm[backward]+Ridge	0.744	0.673	0.764	0.671	0.619	0.623	0.646	0.677
RF+Enet[alpha=0.3]	0.709	0.696	0.706	0.671	0.693	0.601	0.658	0.676
RF+Enet[alpha=0.5]	0.708	0.698	0.701	0.675	0.695	0.599	0.654	0.676
RF+Enet[alpha=0.6]	0.708	0.697	0.701	0.673	0.695	0.599	0.655	0.676
RF+Enet[alpha=0.4]	0.708	0.697	0.704	0.671	0.693	0.600	0.654	0.675
Lasso+glmBoost	0.723	0.694	0.714	0.665	0.682	0.604	0.645	0.675
RF+Enet[alpha=0.8]	0.708	0.697	0.700	0.671	0.698	0.599	0.653	0.675
RF+Enet[alpha=0.7]	0.708	0.697	0.700	0.671	0.693	0.598	0.656	0.675
RF+Enet[alpha=0.9]	0.708	0.697	0.697	0.671	0.694	0.598	0.653	0.674
RF+Lasso	0.707	0.696	0.697	0.671	0.694	0.598	0.653	0.674
RF+glmBoost	0.707	0.698	0.696	0.672	0.691	0.597	0.654	0.674
Stepglm[backward]+Enet[alpha=0.2]	0.746	0.669	0.761	0.672	0.609	0.620	0.630	0.672
RF+LDA	0.738	0.635	0.703	0.597	0.684	0.627	0.718	0.672
Stepglm[backward]+plsRglm	0.742	0.651	0.751	0.664	0.624	0.621	0.648	0.672
Stepglm[backward]+Enet[alpha=0.1]	0.747	0.665	0.763	0.673	0.603	0.619	0.626	0.671
glmBoost+Stepglm[both]	0.707	0.697	0.671	0.659	0.701	0.604	0.654	0.671
glmBoost+Stepglm[backward]	0.707	0.697	0.671	0.659	0.701	0.604	0.654	0.671
Stepglm[backward]+Enet[alpha=0.5]	0.746	0.666	0.763	0.673	0.602	0.618	0.624	0.67
Stepglm[backward]+LDA	0.745	0.662	0.766	0.674	0.602	0.618	0.625	0.67
Stepglm[backward]+Enet[alpha=0.3]	0.746	0.665	0.764	0.674	0.600	0.618	0.625	0.67
Lasso+plsRglm	0.723	0.682	0.700	0.669	0.664	0.602	0.644	0.669
Stepglm[backward]+Enet[alpha=0.4]	0.747	0.663	0.763	0.674	0.597	0.616	0.621	0.669
Stepglm[backward]+Enet[alpha=0.7]	0.746	0.663	0.760	0.674	0.598	0.617	0.620	0.668
Stepglm[backward]+Enet[alpha=0.6]	0.746	0.663	0.763	0.674	0.596	0.616	0.620	0.668
Stepglm[backward]+Enet[alpha=0.8]	0.746	0.663	0.763	0.673	0.596	0.616	0.619	0.668
Stepglm[backward]+Enet[alpha=0.9]	0.746	0.663	0.760	0.674	0.596	0.616	0.620	0.668
Stepglm[backward]+Lasso	0.747	0.663	0.763	0.673	0.595	0.616	0.619	0.668
RF+Stepglm[forward]	0.736	0.636	0.701	0.585	0.674	0.621	0.719	0.668
Stepglm[backward]	0.747	0.658	0.769	0.677	0.588	0.615	0.614	0.667
Lasso+LDA	0.727	0.674	0.707	0.664	0.645	0.599	0.635	0.664
Lasso+Stepglm[both]	0.715	0.671	0.713	0.663	0.651	0.584	0.630	0.661
Lasso+Stepglm[backward]	0.715	0.671	0.713	0.663	0.651	0.584	0.630	0.661
Lasso+Stepglm[forward]	0.727	0.675	0.694	0.648	0.653	0.598	0.629	0.661
Stepglm[backward]+glmBoost	0.693	0.679	0.633	0.665	0.679	0.615	0.658	0.66
Stepglm[forward]	0.797	0.654	0.710	0.652	0.552	0.601	0.649	0.659
Stepglm[both]+glmBoost	0.721	0.703	0.677	0.644	0.666	0.584	0.617	0.659
RF+Stepglm[both]	0.716	0.670	0.656	0.607	0.704	0.603	0.633	0.656
RF+Stepglm[backward]	0.716	0.670	0.656	0.607	0.704	0.603	0.633	0.656
LDA	0.790	0.628	0.692	0.650	0.571	0.575	0.680	0.655
Stepglm[both]+Ridge	0.749	0.699	0.691	0.646	0.609	0.599	0.564	0.651
Stepglm[backward]+RF	1.000	0.593	0.746	0.523	0.579	0.537	0.547	0.646
RF+plsRglm	0.703	0.660	0.633	0.588	0.670	0.601	0.669	0.646
Stepglm[both]+Enet[alpha=0.1]	0.751	0.690	0.693	0.651	0.582	0.594	0.547	0.644
Stepglm[both]+Enet[alpha=0.2]	0.751	0.689	0.696	0.648	0.581	0.593	0.548	0.644
Stepglm[both]+Enet[alpha=0.4]	0.751	0.686	0.693	0.651	0.568	0.590	0.536	0.639
Stepglm[both]+LDA	0.751	0.682	0.700	0.645	0.566	0.593	0.534	0.639
Stepglm[both]+Enet[alpha=0.7]	0.752	0.687	0.693	0.647	0.565	0.589	0.534	0.638
Stepglm[both]+Enet[alpha=0.3]	0.752	0.687	0.693	0.646	0.564	0.590	0.534	0.638
Stepglm[both]+Enet[alpha=0.5]	0.752	0.687	0.691	0.647	0.562	0.589	0.531	0.637
Stepglm[both]+plsRglm	0.749	0.677	0.666	0.620	0.581	0.596	0.569	0.637
Stepglm[both]+Enet[alpha=0.6]	0.752	0.686	0.689	0.649	0.559	0.588	0.530	0.636
Stepglm[both]+Enet[alpha=0.8]	0.752	0.686	0.690	0.652	0.555	0.588	0.526	0.636
Stepglm[both]+Enet[alpha=0.9]	0.752	0.686	0.689	0.652	0.555	0.588	0.526	0.636
Stepglm[both]+Lasso	0.752	0.684	0.687	0.649	0.549	0.587	0.524	0.633
Stepglm[both]	0.753	0.681	0.689	0.649	0.543	0.585	0.518	0.631
GBM	0.896	0.558	0.642	0.517	0.571	0.544	0.574	0.615
RF+GBM	0.934	0.550	0.664	0.504	0.555	0.524	0.538	0.61
Stepglm[backward]+GBM	0.873	0.565	0.673	0.517	0.551	0.521	0.528	0.604
Stepglm[both]+GBM	0.867	0.559	0.677	0.520	0.552	0.516	0.534	0.604
Stepglm[both]+RF	1.000	0.533	0.686	0.442	0.520	0.522	0.515	0.602
Lasso+RF	1.000	0.534	0.631	0.447	0.517	0.518	0.543	0.599
RF	1.000	0.496	0.541	0.504	0.566	0.518	0.533	0.594
glmBoost+RF	0.999	0.507	0.681	0.435	0.491	0.518	0.518	0.593
SVM	0.986	0.500	0.500	0.500	0.500	0.500	0.500	0.569
RF+SVM	0.963	0.500	0.500	0.500	0.500	0.500	0.500	0.566
Stepglm[both]+SVM	0.946	0.500	0.500	0.500	0.500	0.500	0.500	0.564
Stepglm[backward]+SVM	0.940	0.500	0.500	0.500	0.500	0.500	0.500	0.563
Lasso+SVM	0.904	0.500	0.500	0.500	0.500	0.500	0.500	0.558
Lasso+GBM	0.832	0.523	0.500	0.512	0.519	0.504	0.484	0.553
glmBoost+SVM	0.885	0.490	0.500	0.500	0.489	0.496	0.490	0.55
glmBoost+GBM	0.833	0.474	0.321	0.487	0.545	0.492	0.418	0.51

AUC
1
0.8
0.6
0.4
0.2

Cohort
GSE17536
GSE17537
GSE29621
GSE38832
GSE39582
GSE72970
TCGA

0
0.2
0.4
0.6