

Supplementary Table 3. Comparison of ROC among four models

	ROC value	AUC value	Z	P value
Training set				
Model A	0.345 (0.594–0.683)	0.656	-	-
Model B	0.324(0.590–0.760)	0.724	-	-
Model C	0.327 (0.727–0.796)	0.831	-	-
Model D	0.313 (0.689–0.808)	0.813	-	-
Model A–B	-	-	-2.365	0.018
Model A–C	-	-	-5.837	<0.001
Model A–D	-	-	-5.241	<0.001
Model B–C	-	-	-4.796	<0.001
Model B–D	-	-	-4.211	<0.001
Model C–D	-	-	1.815	0.070
Validation set				
Model A	0.354 (0.650–0.635)	0.629	-	-
Model B	0.395 (0.720–0.654)	0.712	-	-
Model C	0.430 (0.800–0.712)	0.813	-	-
Model D	0.556 (0.910–0.654)	0.830	-	-
Model A–B	-	-	-2.365	0.018
Model A–C	-	-	-5.837	<0.001
Model A–D	-	-	-5.241	<0.001
Model B–C	-	-	-4.796	<0.001
Model B–D	-	-	-4.211	<0.001
Model C–D	-	-	1.815	0.070

ROC, receiver operating characteristic; AUC, area under curve.