

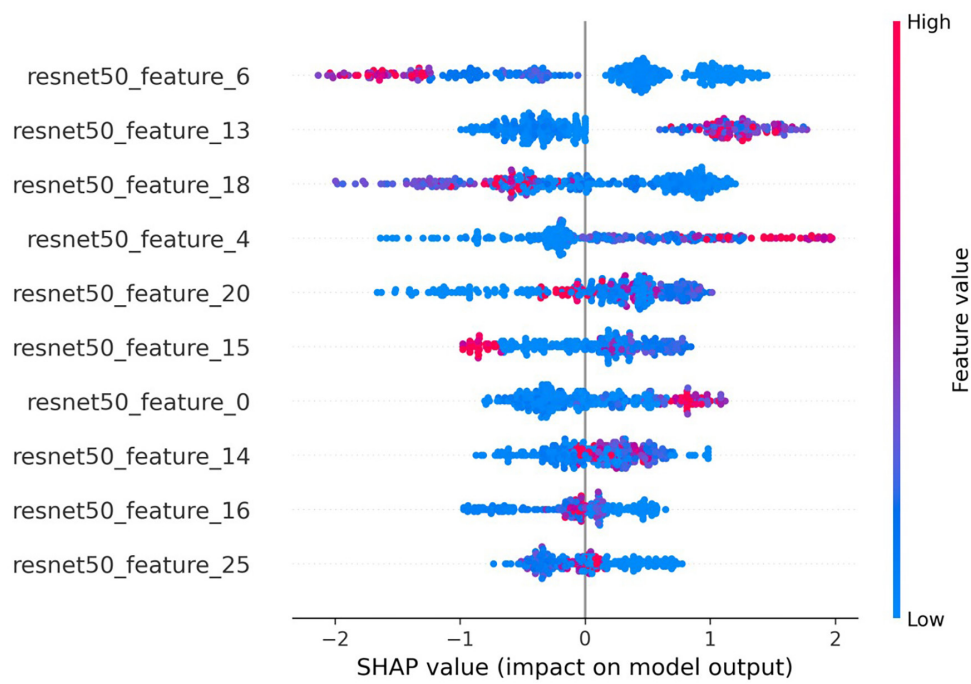


Figure S1 SHAP analysis for deep learning model.

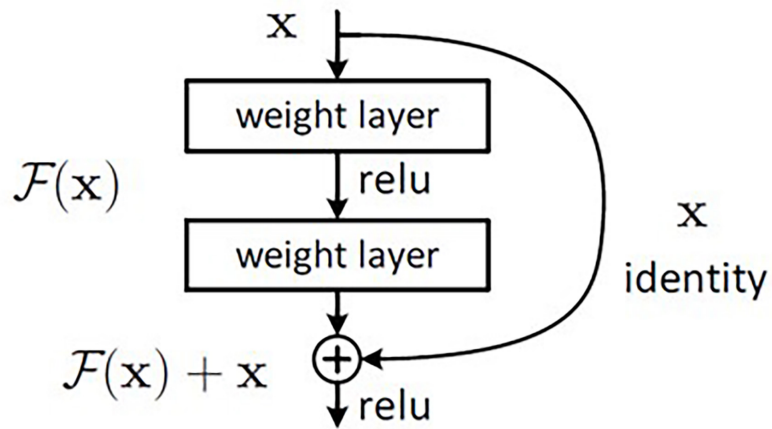


Figure S2 Separate schematic of ResNet.

Table S1 SVM model performance based on radiomics, deep learning, and combined features

Model	Train					Test				
	AUC	Accuracy	Recall	Precision	F1	AUC	Accuracy	Recall	Precision	F1
Radiomics	1.00	0.96	1.00	0.95	0.98	0.89	0.78	0.95	0.78	0.86
DL	0.99	0.99	0.99	0.99	0.99	0.62	0.64	0.8	0.71	0.75
Combined	1.00	0.96	1.00	0.95	0.98	0.89	0.78	0.95	0.78	0.86