



Supplementary Figure 3. Receiver operating characteristic (ROC) curves of the PRIME solution model. (A) ROC curve for the test set (area under the curve [AUC], 0.898). (B) ROC curve for the external validation set (AUC, 0.876). The AUC provides a measure of the model's ability to distinguish between AKI and non-AKI cases. An AUC of 1.0 represents a perfect test, while an AUC of 0.5 represents a test no better than random chance.

AKI, acute kidney injury; AUC, area under the curve; CNN, convolutional neural network layers.