

**Table S7.** Performance of the machine learning models in cross-validation.

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Models, models	Area under the receiver operating characteristic curve, mean (SD)
<b>Models with only the preoperative variables</b>	
K-nearest neighbor	0.756 (0.017)
Naive bayes	0.739 (0.019)
Support vector machines	0.736 (0.021)
Random forest	0.786 (0.022)
Extreme gradient boosting	0.795 (0.021)
Neural networks	0.787 (0.020)
<b>Models with the preoperative and intraoperative variables</b>	
K-nearest neighbor	0.811 (0.018)
Naive bayes	0.792 (0.019)
Support vector machines	0.786 (0.025)
Random forest	0.825 (0.017)
Extreme gradient boosting	0.832 (0.018)
Neural networks	0.827 (0.017)

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