

Supplementary Table 1. Combinations of hyperparameters for the gradient-boosted regression tree model predicting size and depth of endotracheal tube.

Hyperparameter	Candidate values
Learning rates	0.01, 0.03, 0.05, 0.07
Maximum depth of a decision tree	3, 4, 5, 7
Number of decision trees	25, 50, 75, 100, 300
Subsample ratio of training instances	0.5, 0.8, 1
Subsample ratio of columns	0.5, 0.8, 1
Gamma	0.3, 0.5, 0.7, 0.9