

Table 1: 10 fold cross validated risk and area under the receiver operating curve characteristics (AUROCC) in the training sample, weight, and AUROCC in the test sample for SuperLearner and each included learner

Learner	Cross validated risk	Cross validated AUROCC	Weight	AUROCC in test sample
SuperLearner	NA	NA	NA	0.983
GLMnet	0.065	0.935	0.711	0.981
GLM	0.077	0.923	0.158	0.970
Random Forest	0.088	0.912	0.000	0.981
XGboost	0.083	0.917	0.130	0.967
GAM	0.078	0.922	0.001	0.970

NA is not applicable. The SuperLearner was not cross validated, only the included learners were. The risk is equal to 1 - cross validated AUROCC. The weight is the weight given to each learner in the final SuperLearner. A weight of 0 means that the learner was not included. Abbreviations: GAM Generalized Additive Model, GLM Generalized Linear Model, XGboost Extreme Gradient Boosting Machine.