

Model Prediction Accuracy and OOB score

Prediction task	Method	R ² / OOB score	Hold-out set RMSE	Improvement over LR
Grams hydrocodone	LR	72%	1,081,923	-
	LASSO	73%	1,173,710	-8%
	RF	88%	598,310	45%
Grams oxycodone	LR	71%	2,953,543	-
	LASSO	74%	2,413,001	18%
	RF	82%	1,342,637	55%
Mortality <i>without</i> drugs in model	LR	41%	1,222	-
	RF	93%	620	49%
Mortality <i>with</i> drugs in model	LR	40%	1,516	-
	RF	93%	503	67%

