Applying machine learning to this totally awesome dataset

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```r
knitr::opts_chunk$set(
  tidy = TRUE,
  echo = FALSE,
  eval = TRUE,
  warning = FALSE,
  cache = FALSE
)
```

Results

We trained machine learning models on this totally awesome dataset. We measured the performance with the area under the receiver operator characteristic curve (AUROC). Random forest performed better than logistic regression (See Figure 1.)
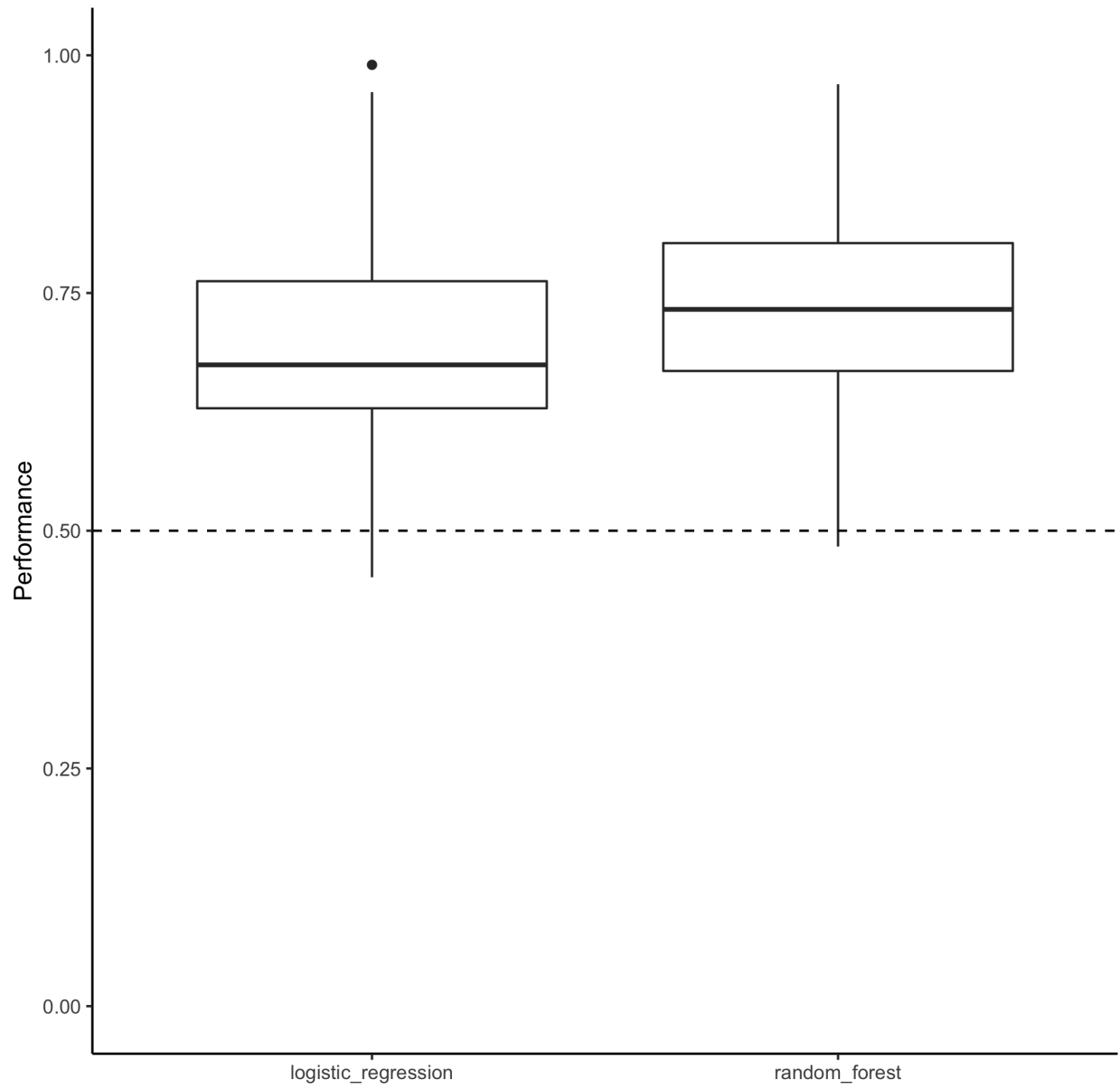
The mean AUROC for random forest was `r`.

Figure 1: ML model performance results