**Cora-teaching Weekly Log**

**2018 Spring**

**Week 2-18 to 2-24**

**Design:**

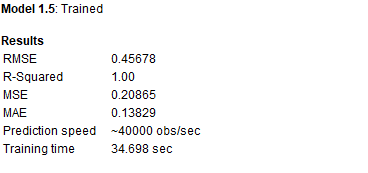
* Proposed interface change during lunch

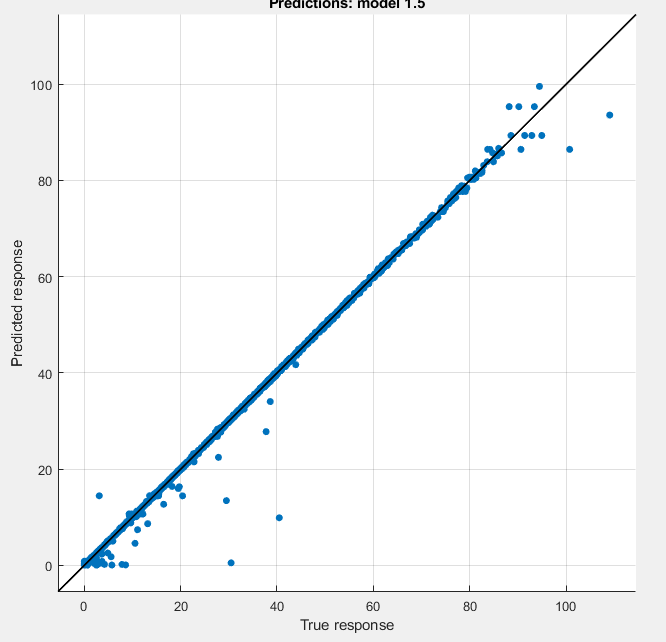
**Implementation:**

* Implemented decision tree on our own and tried some data cleaning feature and sparse matrix implementation on linear regression with skLearn.
* Change some part of the interface.

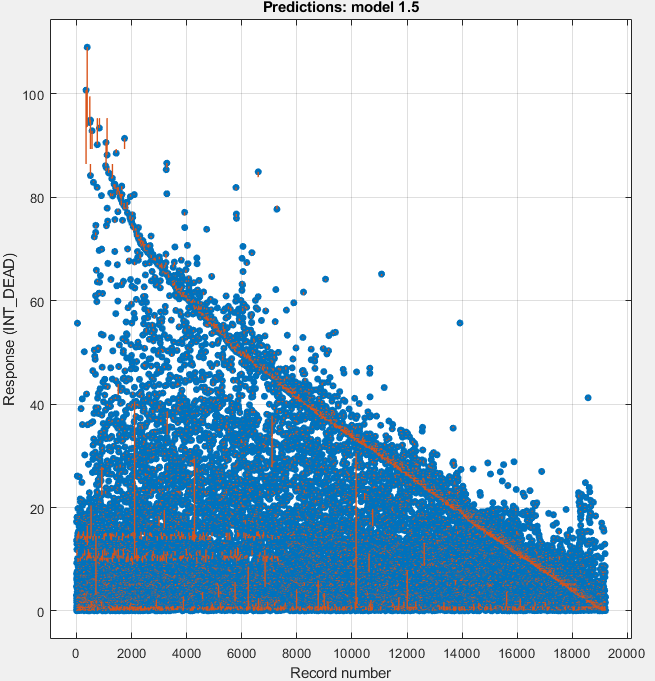
**Evaluation/result:**

Best result for model is fine decision tree to predict the interval (in month) to death after heart implant.





Predicted vs actual plot



Prediction Residual plot

**Week 2-25 to 3-3**