# Final Report for Team: MOAR-Drilling

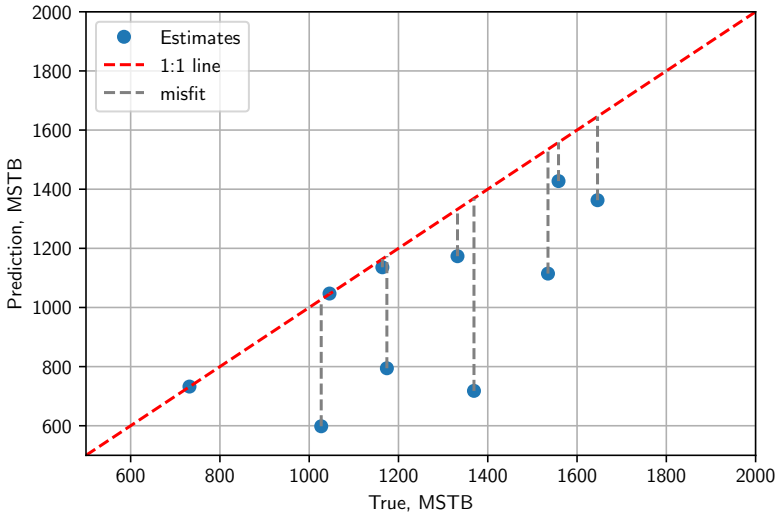


Figure 1: Accuracy.

Fig 1 shows your team's predictions compared to the actual production values at 3 years. The total mean squared error with respect to the true values is 105169.206.

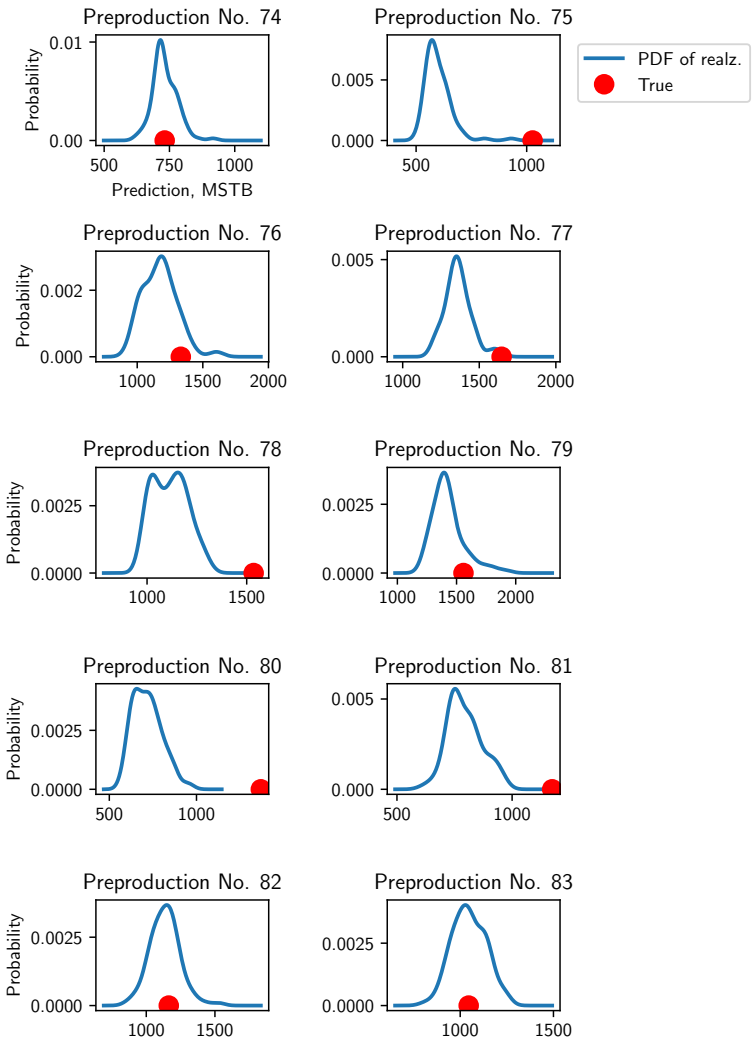


Figure 2: Uncertainty distributions and true values.

Fig 3 shows your team's uncertainty model and the actual production values at 3 years for the 10 preproduction wells.

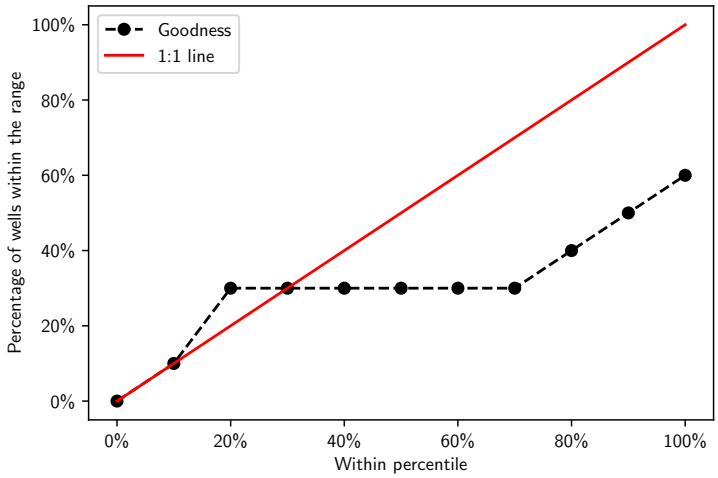


Figure 3: Goodness Score Plot.

Fig 3 shows your team's goodness score plot for the 10 preproduction wells. Your final goodness score is 0.589.

## Presentation comments

- nan
- Good predictions and direct. Good workflow chart. Went decision tree versus linear regression so thought and cut down on bias. Shared among the team and flowed. Feedback came quick and wanted to learn more their work. Glad to have the team.
- cool idea of creating an ensemble gradient boosted tree
- '+ves: Great job team! Good clean slides, approach to bias, suggestion to combine with physics based model
- Very good presentation and good co-ordination + visualization skills
- nan

## Code review comments

- Easy to follow steps, a few more visualizations would have been nice.
- nan
- o. Excellent workflow! o. Readability of workflow is terrific! o. Extensive explanation makes it very straightforward to follow the workflow. o. It would have also been interesting to include testing models with different methods or tunning hyperparameters.