Final Report for Team: the three muscovites

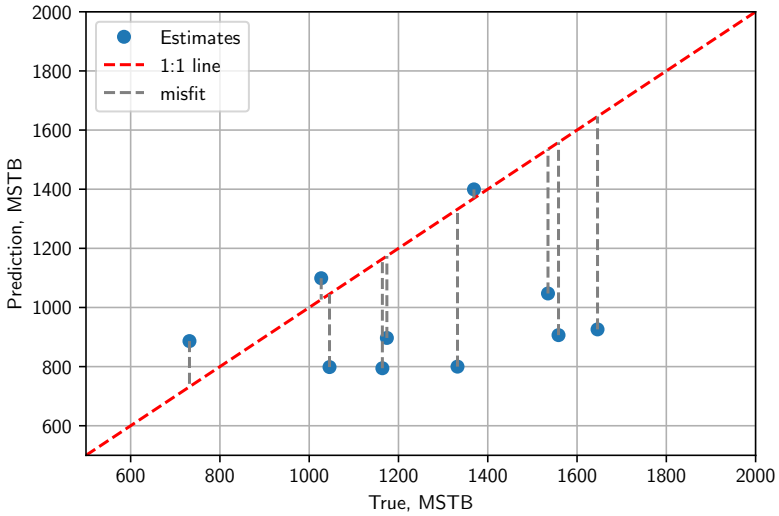

Figure 1: Accuracy.

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 176863.394.

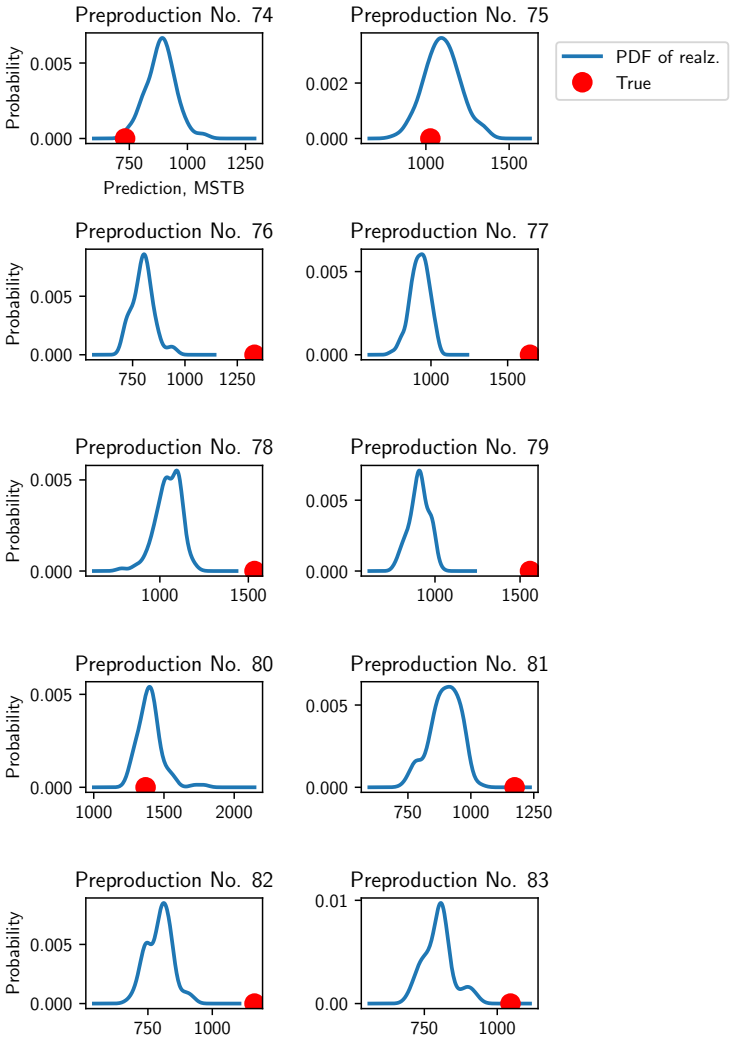

Figure 2: Uncertainty distributions and true values.

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

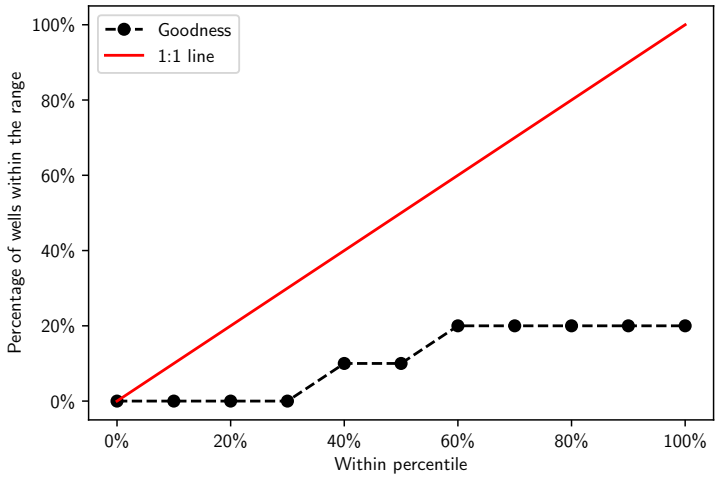

Figure 3: Goodness Score Plot.

Fig 3 shows your team's goodness score plot for the 10 preproduction wells. Your final goodness score is 0.218.

Presentation comments

- Very nicely done, good job !
- 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. Great to recognize the feature engineering element.
- Great job team & cool team name. Excellent executive summary and recommendations. Interesting approach using KNN. Some of the slides were wordy and a little hard to read.
- Listing the most productive wells up front was an excellent choice. Viz for predictions and uncertainty was nice to see how all the predictions stack up against one another
- nan

Code review comments

- Great visualizations, easy to follow steps.
- nan
- o. Overall, nice workflow! o. Excellent executive summary and workflow steps! o. In cell [24], it would be better to have a legend of the plot. E.g., blue - training, orange - testing. o. It would have been better to have the team's interpretation or explanation right after each visualization or result in the workflow. o. Nice visualization in final uncertainty assessment (i.e., box-plot)!