

## Final Report for Team: ChatPGE

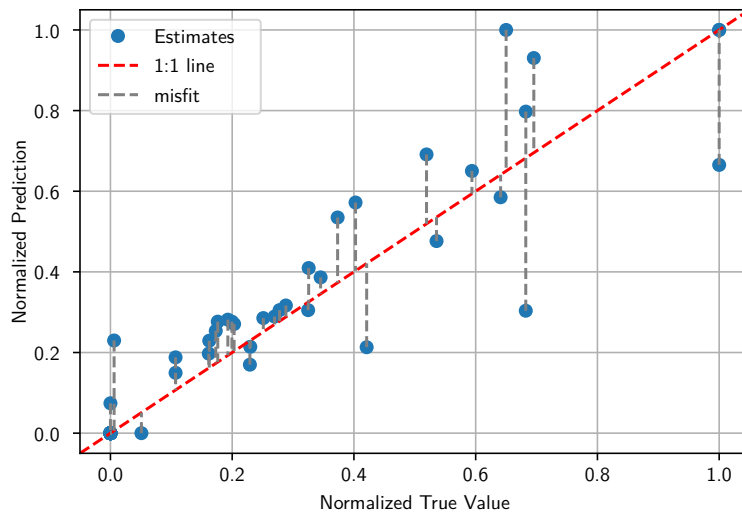


Figure 1: Accuracy.

Fig 1 shows your team's predictions compared to the normalized fuel consumption values. The mean absolute percentage error with respect to the true values is 0.171. Each fuel type is normalized independently such that its max/min values are scaled to the interval  $(0, 1)$

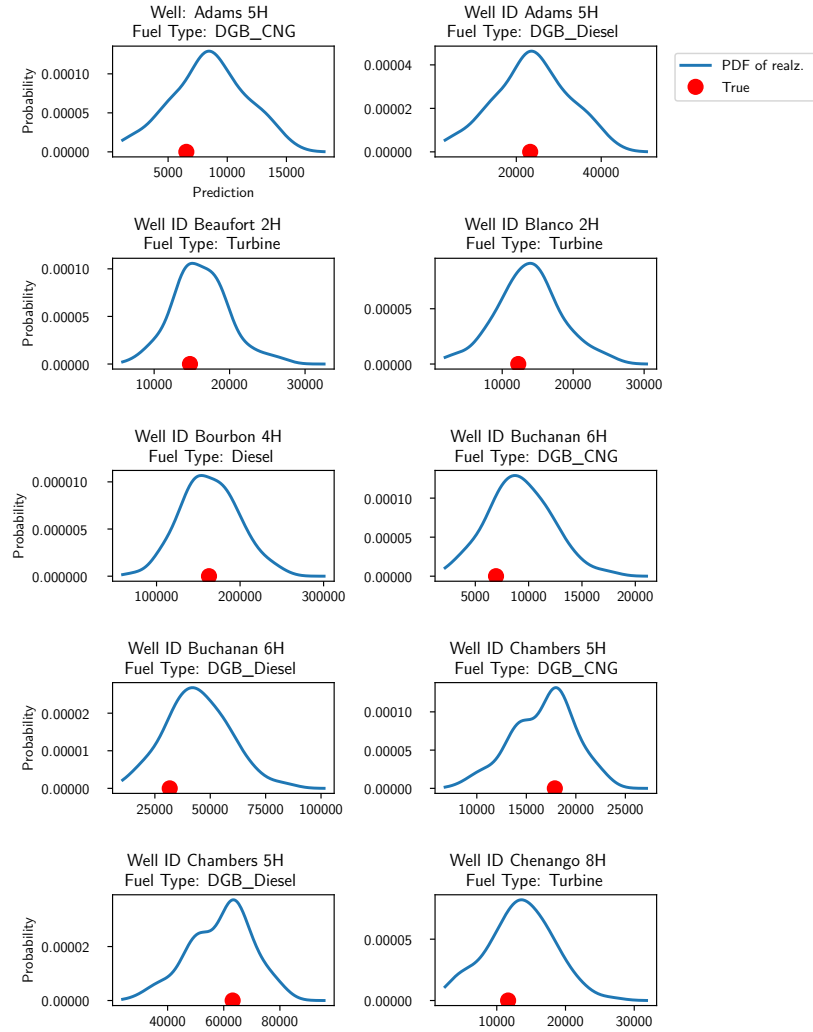


Figure 2: Uncertainty distributions and true values.

Fig 3 shows your team's uncertainty model and actual values for 10 of the predictions.

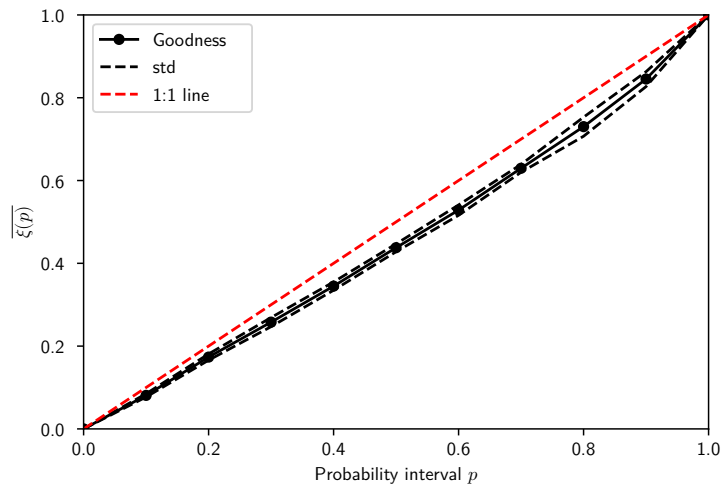


Figure 3: Goodness Score Plot.

Fig 3 shows your team's goodness score plot for the 50 wells. Your final goodness score is 0.894.

## Presentation comments

- nan
- truly exceptional. mentioning what worked and didn't clearly and why it mattered is vital for the real world plugging data into your unified energy model to check your work is top tier.
- Good name!
- Did a good job explaining why they needed two models. Explained imputation well. Related back to business well. Good ppt
- liked multiple model approach to address sparse data - liked manipulation of the data grouping by pad - business approach was strong - clear recommendation
- Good use of visuals to demonstrate workflow; one team member not available due to medical emergency

## Code review comments

- nan
- nan