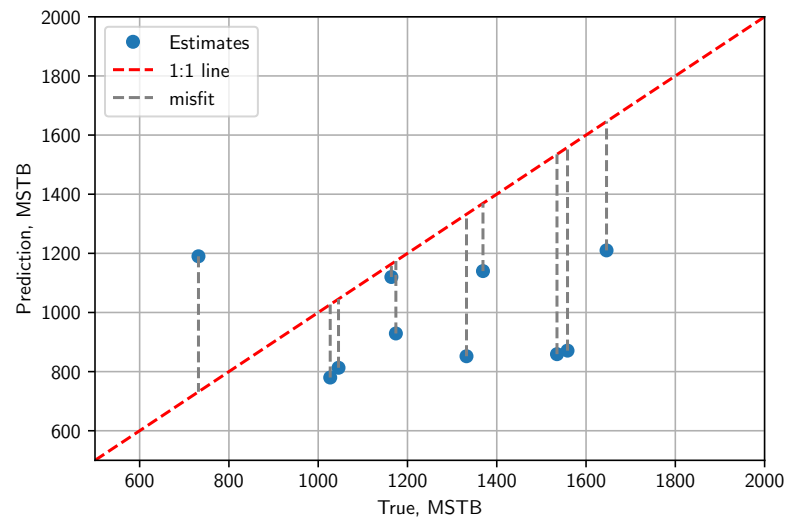# Final Report for Team: ANTICLINE

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 178951.836.

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 0.455.

Presentation comments

- Visualization could be improved, especially figure 11. Good presentation, needs some work on communication skills

- I really like the Uncertainty assessment part here, because they play a key role in making business decisions and handling the associated risks, data augmentation could also be worked on

- Identified the constraints were good. Start small and go fast. Understand the challenges in operations. Models were easy to follow and flow was good. They had background in the industry from their discussion. Water content and production found correlations. Good key observation chart. Animation good.

- nan

- interesting reservoir modelling, seems useful for production modelling. Really unique choice of a convolutional network for making production predictions

- '+vs: good job team! great setup, approach and explanations to model selection improve: time management, would have liked to see results

- Great visualizations.

Code review comments

- Great readability! Great visualizations.

- o. Excellent executive summary and workflow! o. Importing packages within a function may cause an unnecessary, repeated load of the packages. o. Extensive explanation makes it very straightforward to follow the workflow. o. An error message in Cell [22] o. Some packages are imported repeatedly, decreasing the consistency of workflow. o. Some figures have no axis label. E.g., Cell [31], [32], and [33]. o. In the second half of the workflow, some of the cells come with no comment, which makes it a bit difficult to follow. o. No conclusive result in Section "Uncertainty Assessment."

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