

### 0.0.1 Quarry Dataset

We start evaluating our model by using the *Quarry* map. We expect the model to correctly classify the patches with easy to see features such as big obstacles, steep ramps and holes. Unfortunately, the dataset is not trivial and most of the patches are challenging to classify even to human eye.

For instance, if look at patches, for some of them is not so easy to estimate the advancement by human eye. This is due to the specific robot locomotion that depends on the starting pose. Our goal in this section is to explain the model predictions on different inputs.

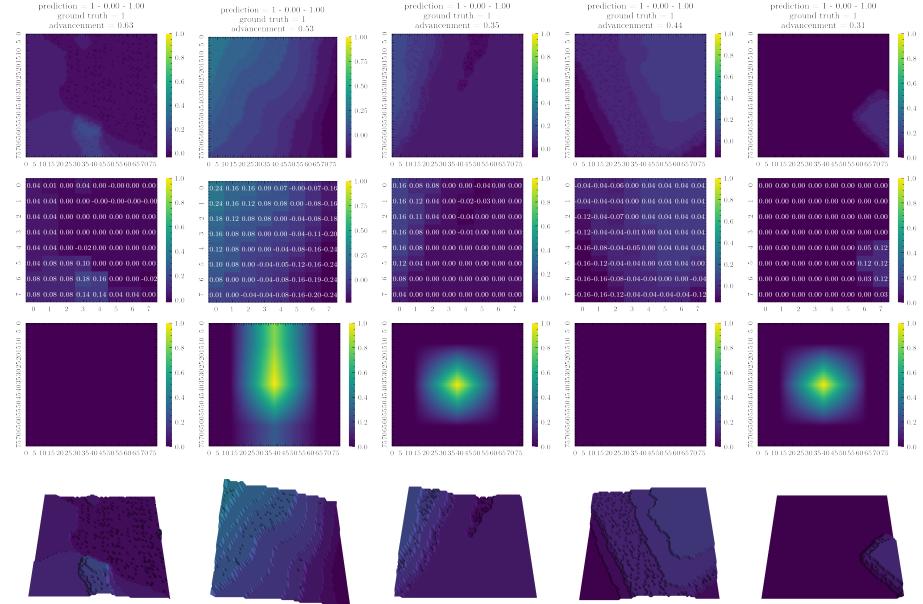


Figure 2: Best

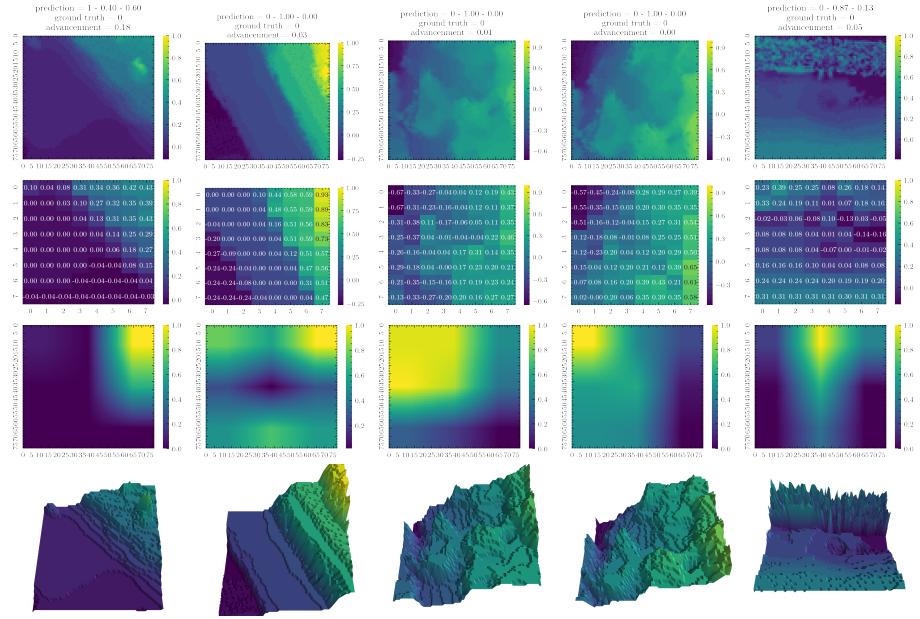


Figure 3: Worst

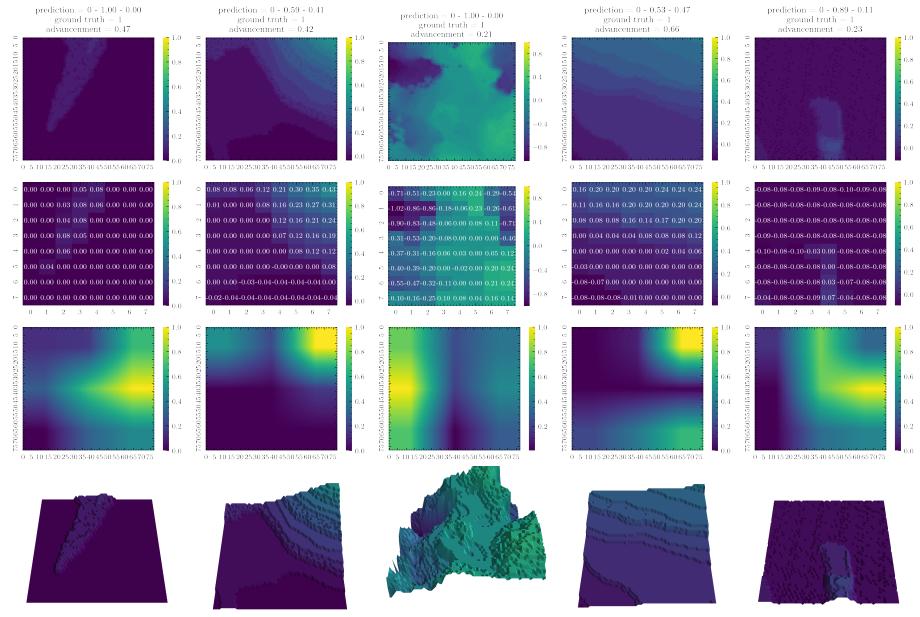


Figure 4: False Positive

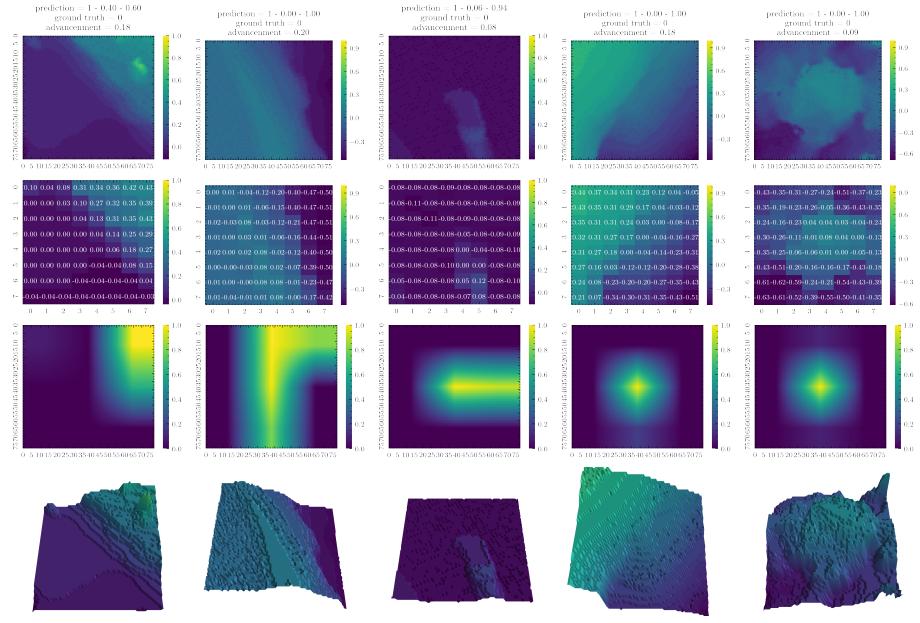


Figure 5: False Negative