

## Methods

The data preparation and evaluation followed the same steps as on [https://github.com/ssaira267/single\\_modal\\_trainings](https://github.com/ssaira267/single_modal_trainings).

## Design Experiments and Architectures

**Objective: Test the performance of ensembling XGBoost models with meta-learners such as Logistic Regression**

A total of four XGBoost models were used for ensembling the models, which include 2 tabular models and 2 image models (i.e., trained using 2 different datasets: standard and high-resolution). The models were stacked together based on the size of the datasets used during the training. The final predictions were made using Logistic Regression to assign class labels based on the probabilities from the XGBoost models.