

# [FIFAI 2024] Kaggle Competition Kickoff

Kaggle Competition Setup

Data splits

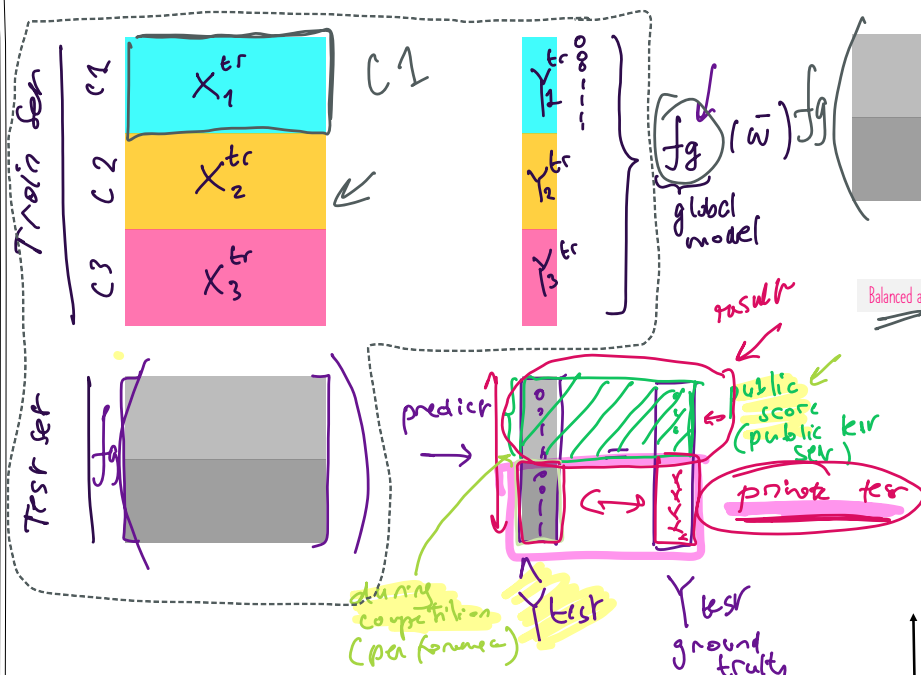
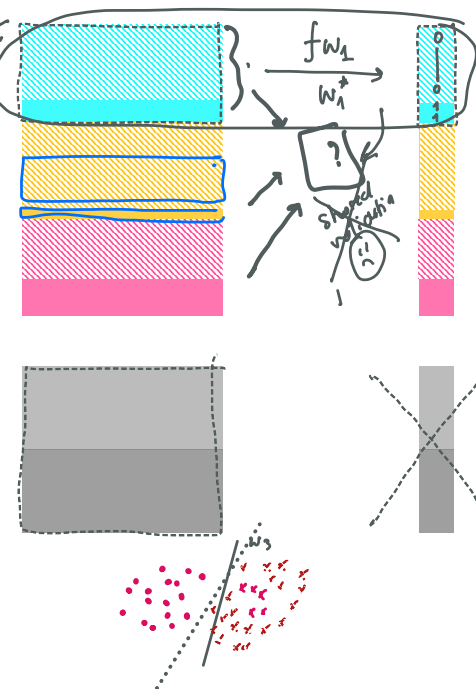
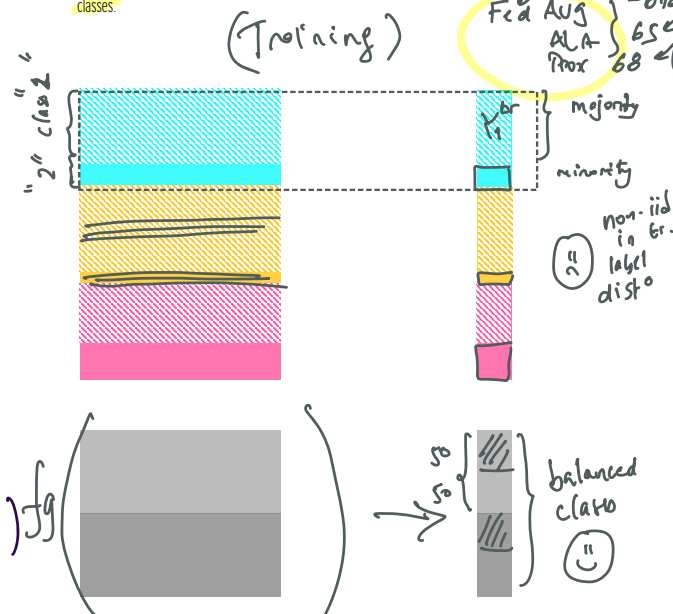
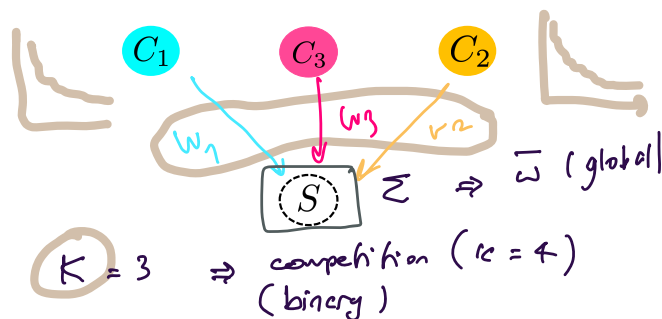
Imbalance class distribution (minority classes)

Solving unfairness via federation: the global model can help better represent minority classes.

public

How to benchmark different models?

in-kind evalo



Balanced accuracy for benchmarking teams on the public test set using the global test

How to select the best FL model for your competition?  
perform the action of the local test data.

Key steps (Check the notebook for more details)

1. Do not change the training data assigned to each hospital /share
2. Test the global model on the global test set, then upload your results.



Fair Federated AI  
Summer School



<https://basira-lab.com/>

RISE  
MICCAI

FAIMI



<https://github.com/RISE-MICCAI/FIFAI-Summer-School-2024>



### Three Best Winning Teams

- 1) The final Kaggle rank is based on the private test score, which will be revealed after the competition deadline.
- 2) The three top winning competing teams on Kaggle will receive a certificate award and will be celebrated via the RISE mailing list.

! Each hospital does its best  
with only its local  
 $X_i^{\text{tr}}$  train set.