

INNOVAITE HACKATHON

29/30 November 2025

GROUP SHOOTERS WILL SHOOT

MEMBERS

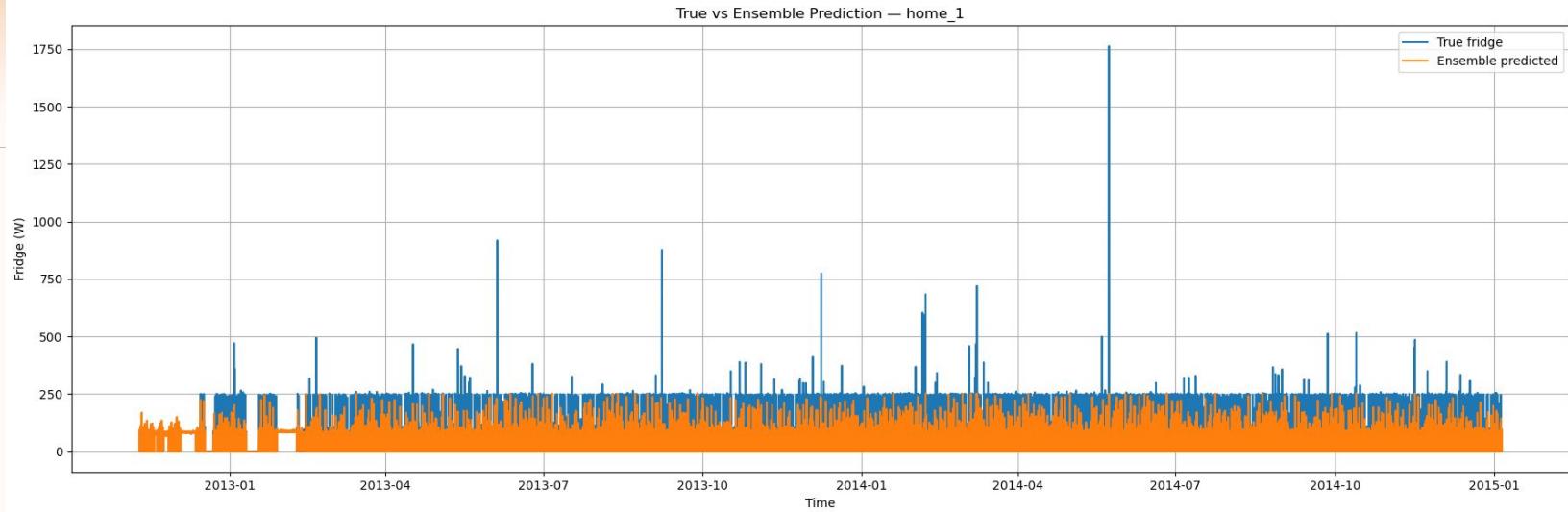
Zhansaya Akhmetova
Jakob Lutz
Ayan Sultanov
Martina Russo

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jakob.lutz@studbocconi.it
ayan.sultanov@studbocconi.it
martina.russo.2@studbocconi.it

RESULTS

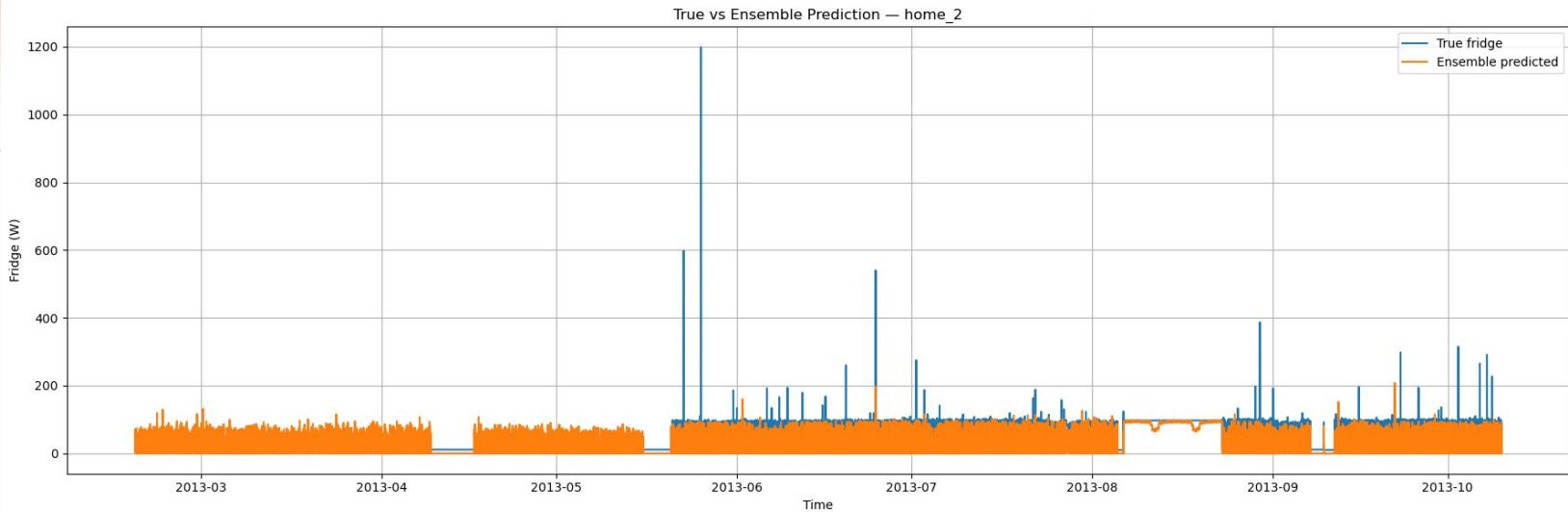
LGBM + XGB

PREDICTION FOR HOUSE 1 (TRAINED ON ALL DATA)



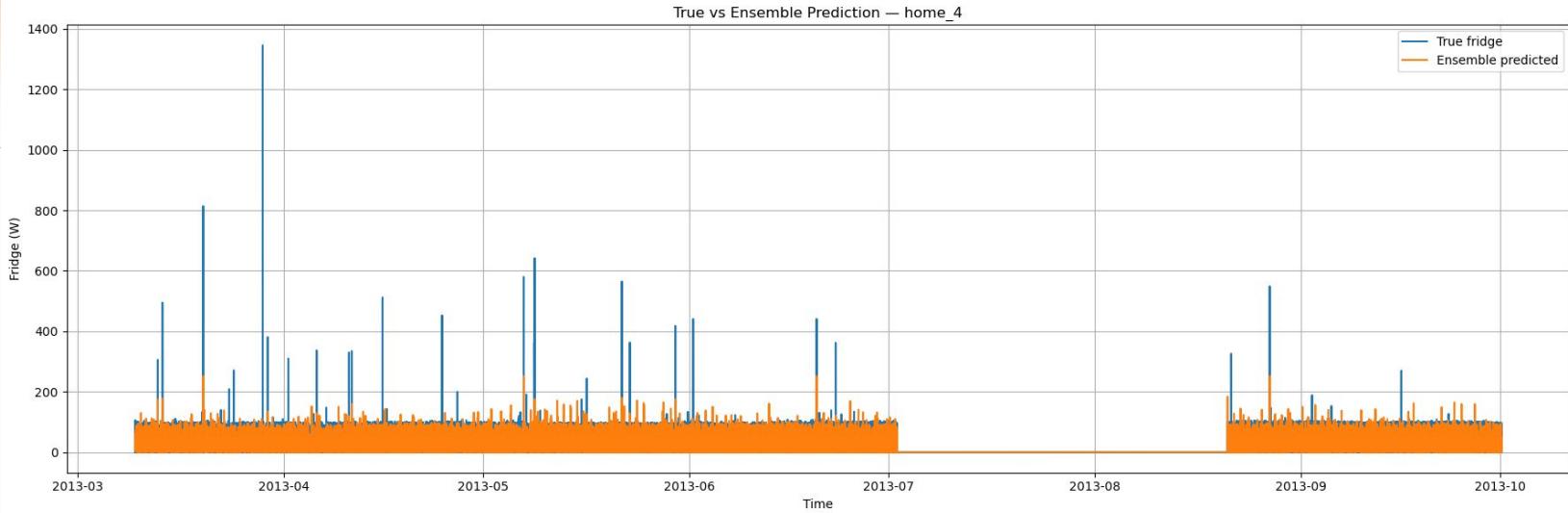
MAE → 21.16

PREDICTION FOR HOUSE 2 (TRAINED ON ALL DATA)



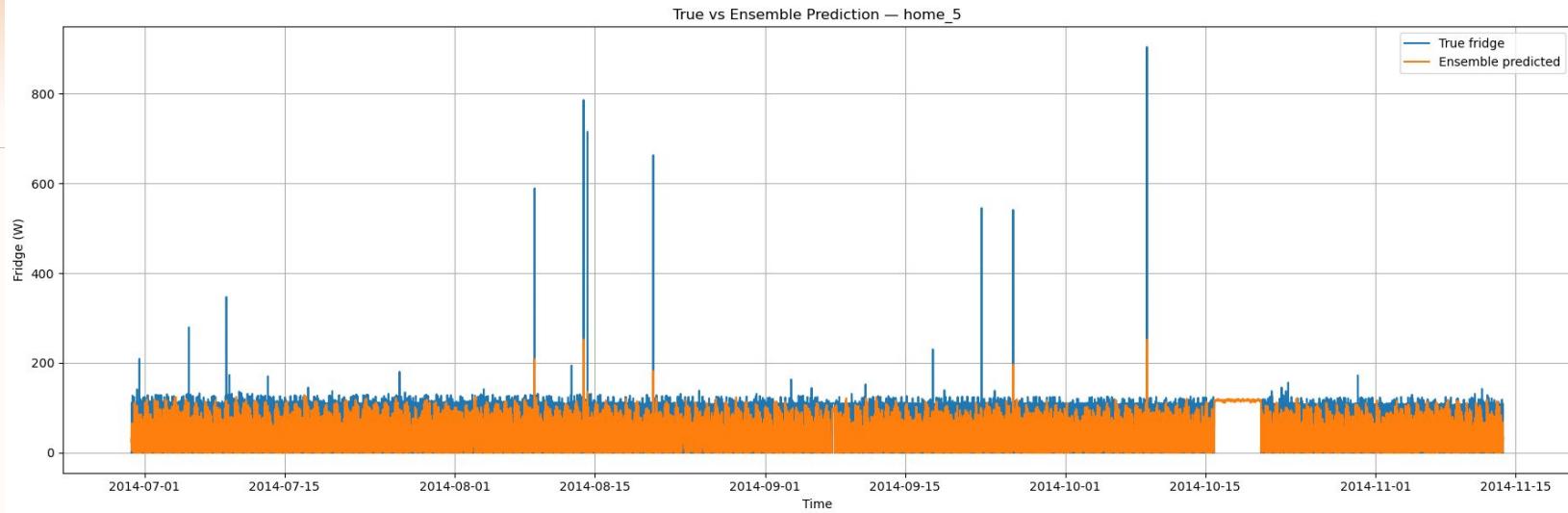
MAE → 18.75

PREDICTION FOR HOUSE 4 (TRAINED ON ALL DATA)



MAE → 15.29

PREDICTION FOR HOUSE 5 (TRAINED ON ALL DATA)

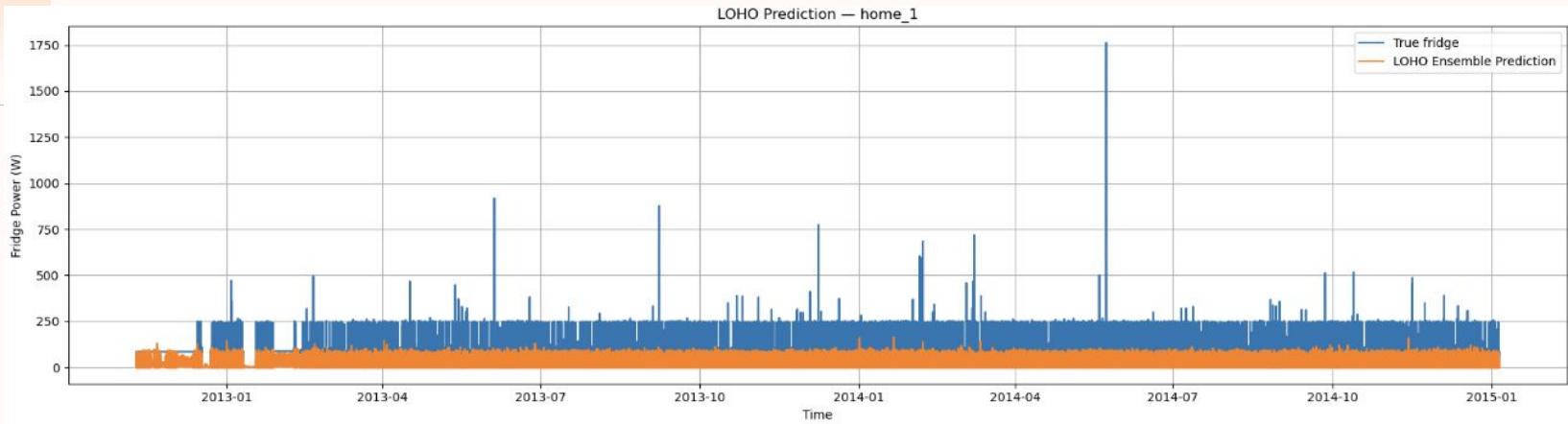


MAE → 24.41

AVERAGE ENSEMBLE

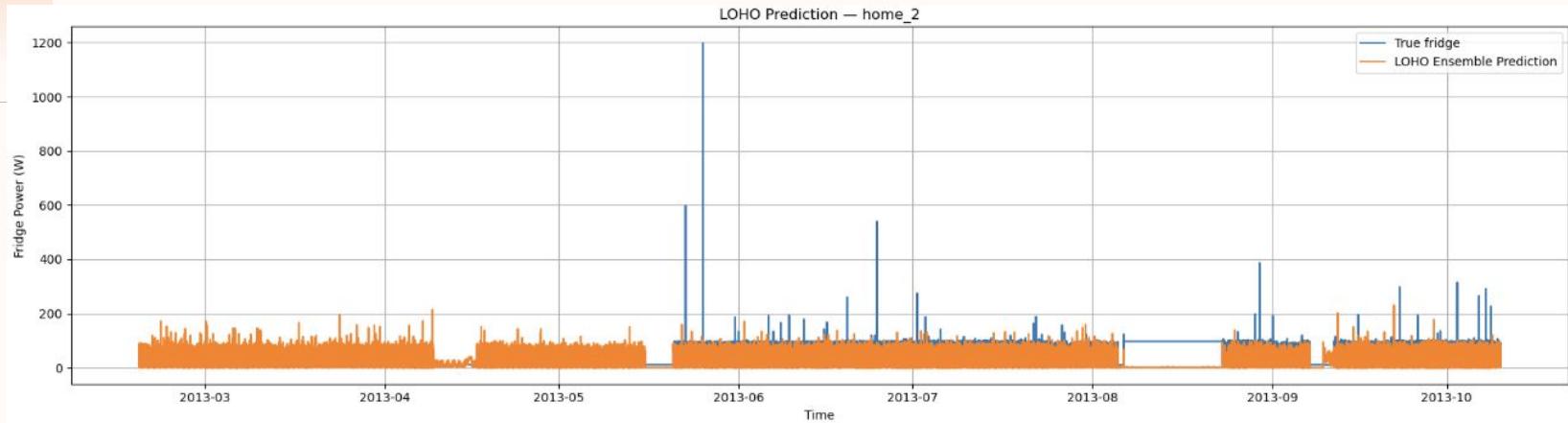
MAE = 19.9

PREDICTION FOR HOUSE 1 (TRAINED ON ALL DATA)



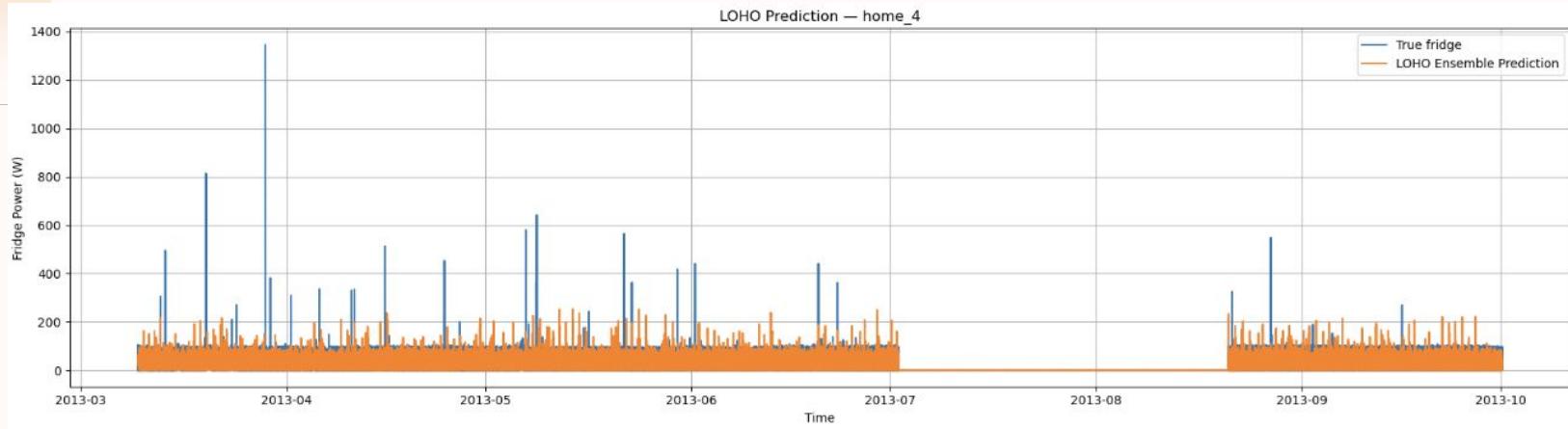
MAE → 30.60

PREDICTION FOR HOUSE 2 (LEAVE-ONE-HOUSE-OUT)



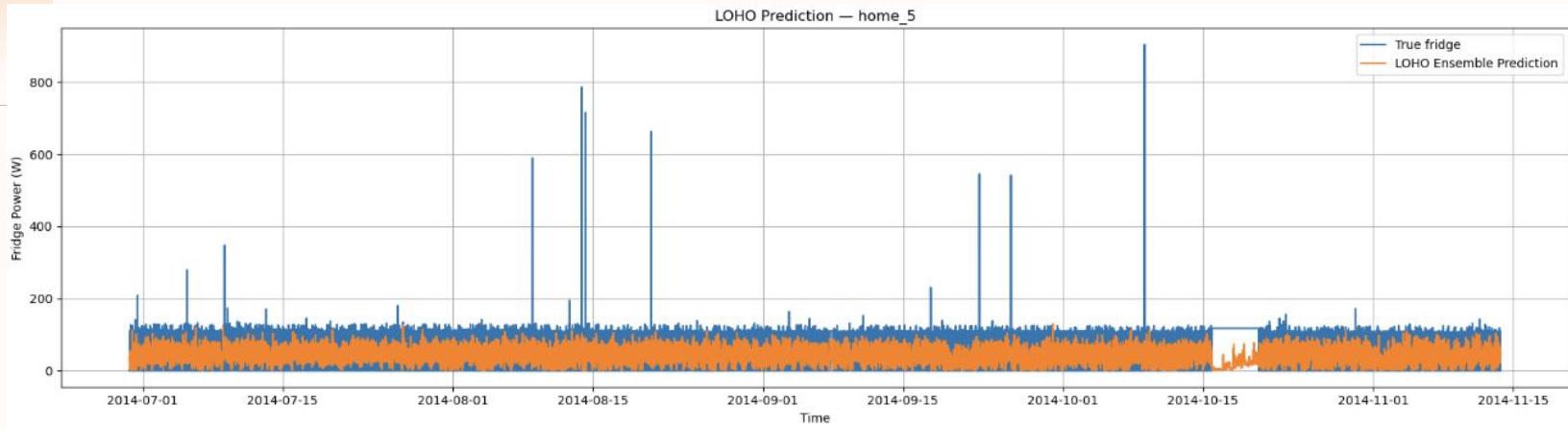
MAE → 29.49

PREDICTION FOR HOUSE 4 (LEAVE-ONE-HOUSE-OUT)



MAE → 19.97

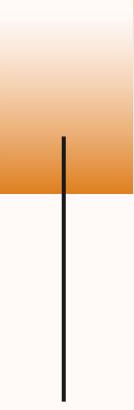
PREDICTION FOR HOUSE 5 (LEAVE-ONE-HOUSE-OUT)



MAE → 44.89

AVERAGE ENSEMBLE LOHO

MAE = 31.24



THANKS!!

