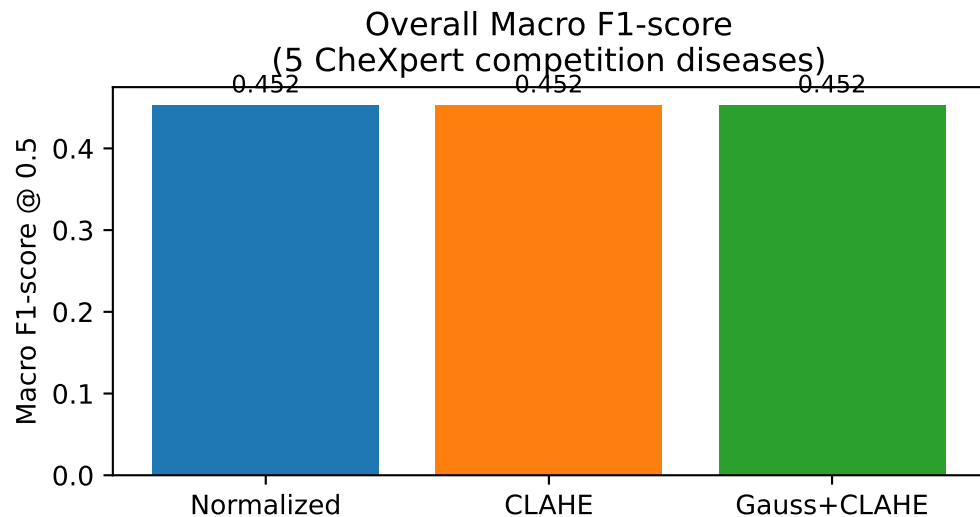
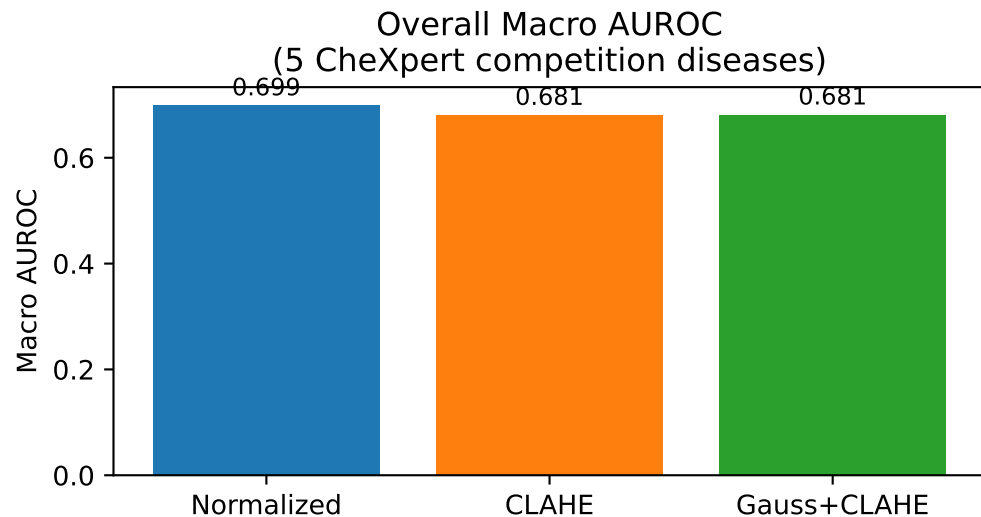
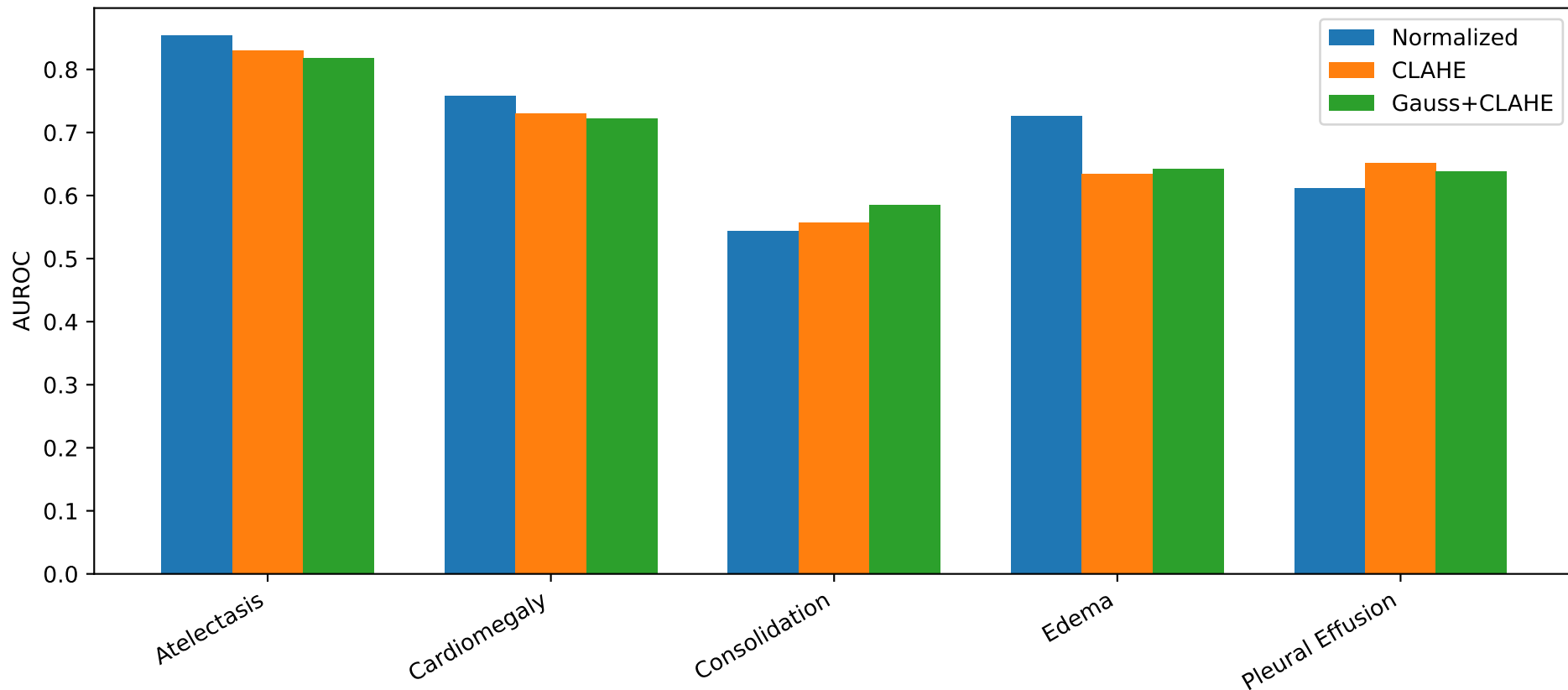


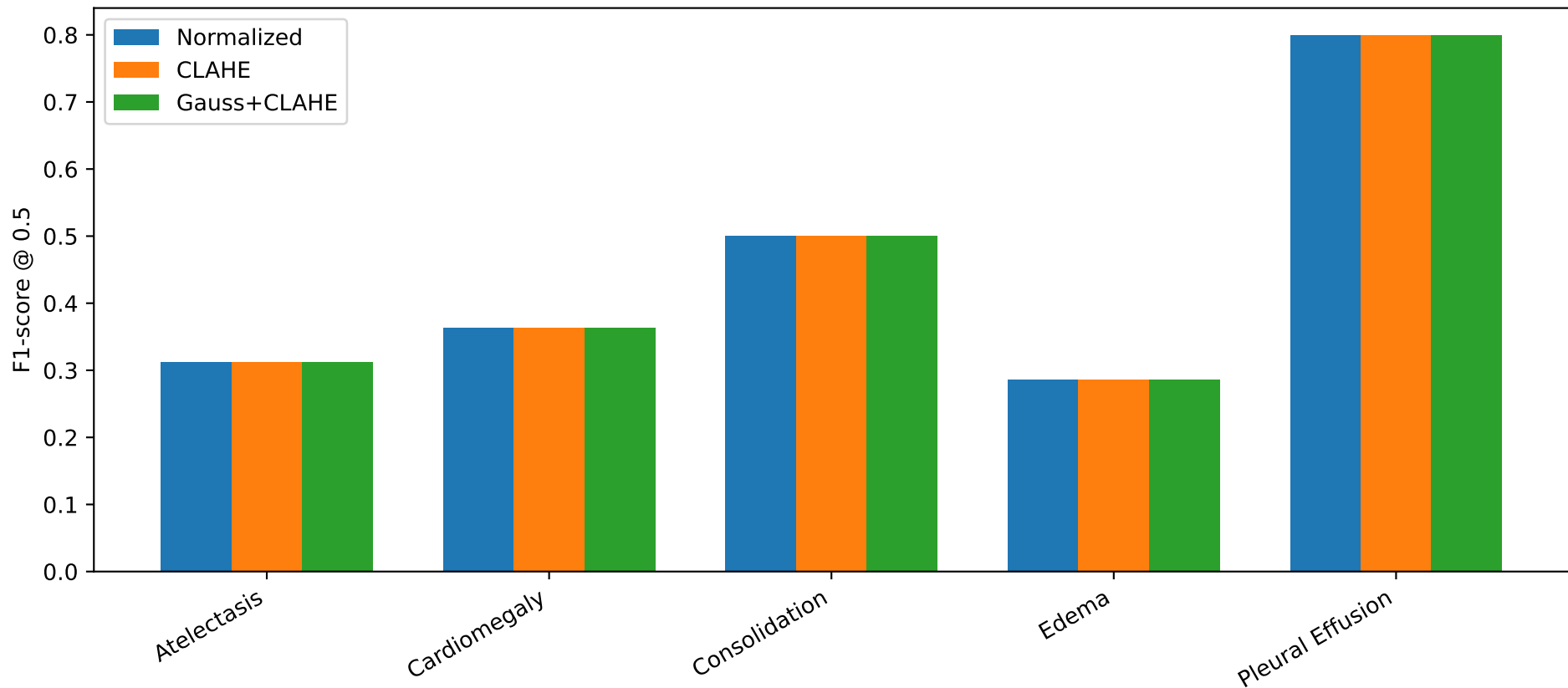
MedCLIP Zero-Shot Disease Classification - IU-CXR Pathology-Rich Sanity Subset



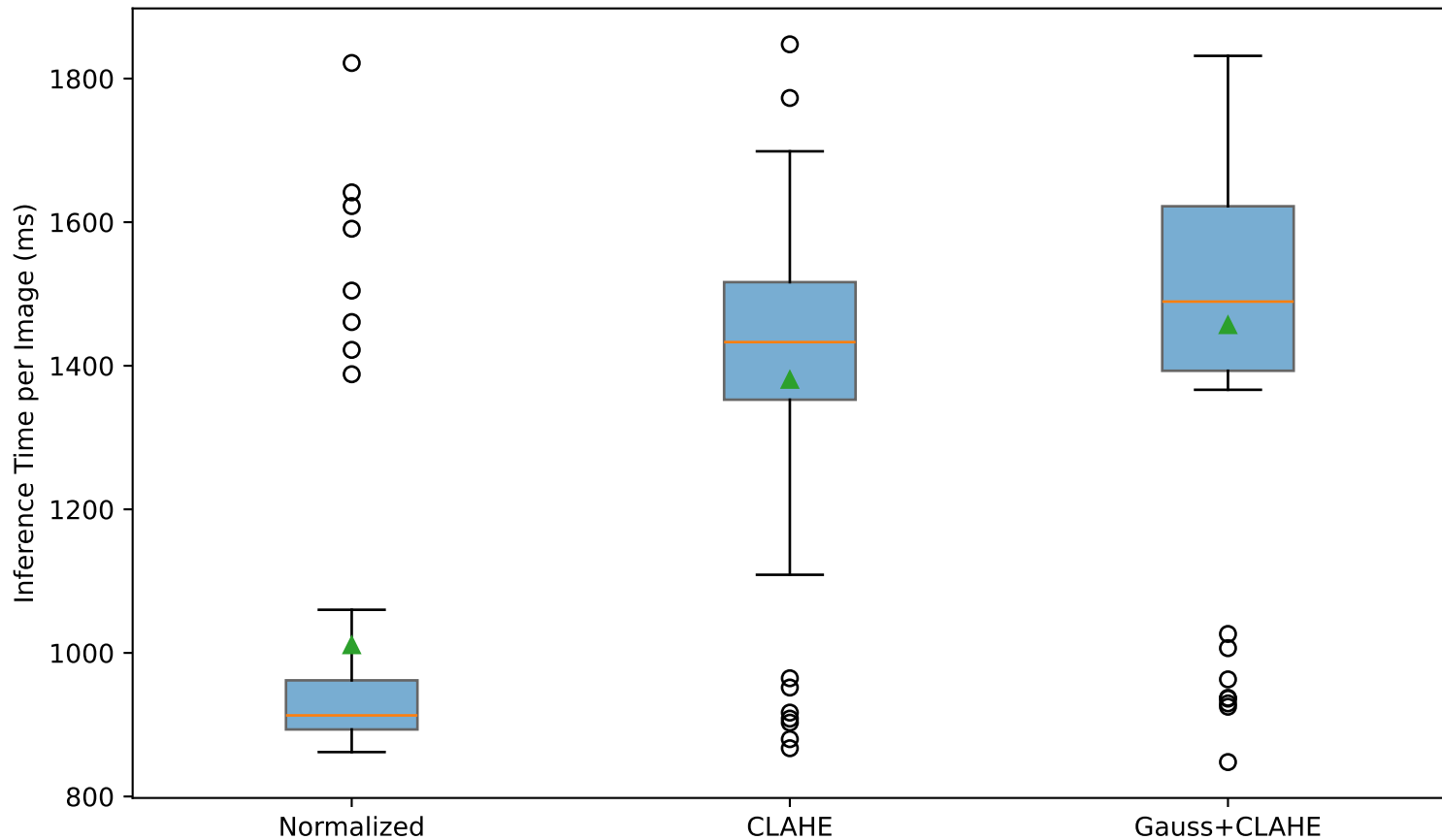
Disease-wise AUROC Comparison
(MedCLIP zero-shot)



Disease-wise F1-score Comparison
(MedCLIP zero-shot, threshold=0.5)



Inference Time Distribution (CPU)



MedCLIP Zero-Shot Disease Classification - Summary

Macro performance summary across 5 CheXpert diseases:

- NORMALIZED AUROC(macro) = 0.699 F1(macro) = 0.452 Avg inference time = 1010.77 ms
- CLAHE AUROC(macro) = 0.681 F1(macro) = 0.452 Avg inference time = 1380.46 ms
- GAUSSCLAHE AUROC(macro) = 0.681 F1(macro) = 0.452 Avg inference time = 1456.65 ms

Notes:

- Macro AUROC and Macro F1@0.5 are computed by averaging over the 5 CheXpert competition diseases (Atelectasis, Cardiomegaly, Consolidation, Edema, Pleural Effusion).
- Inference times are per-image CPU runtimes for the MedCLIP PromptClassifier zero-shot head using the corresponding preprocessing pipeline.