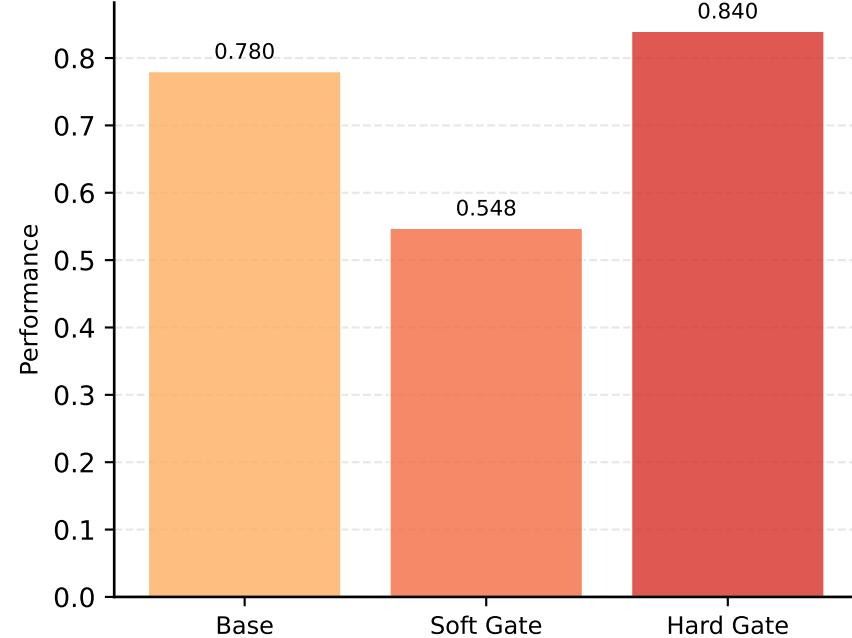
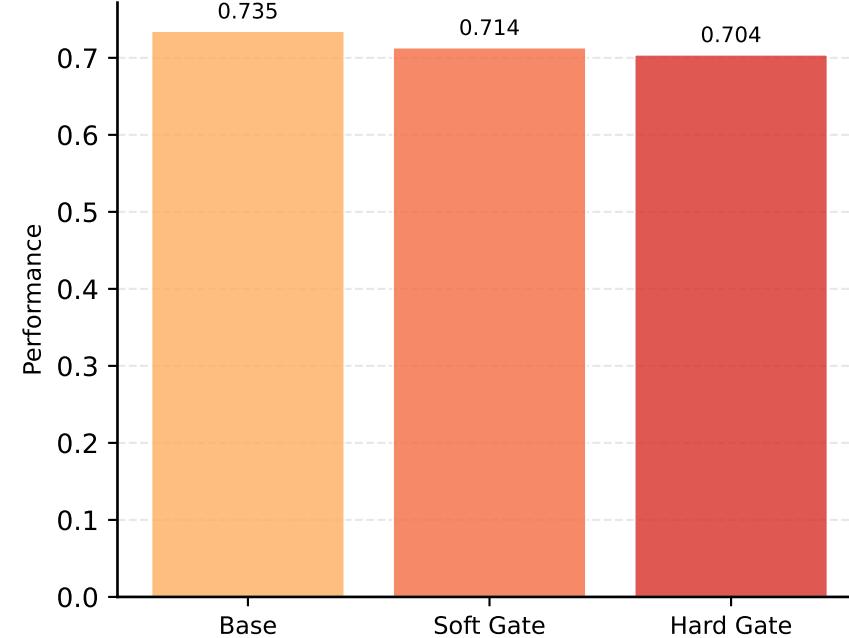


# Ablation Study: Impact of LGO Components

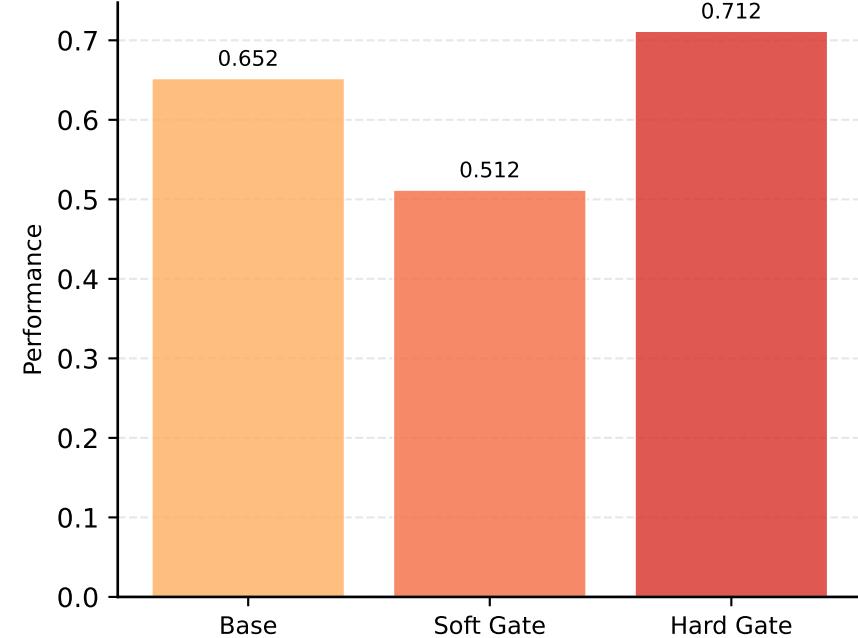
**MIMIC-IV ICU**



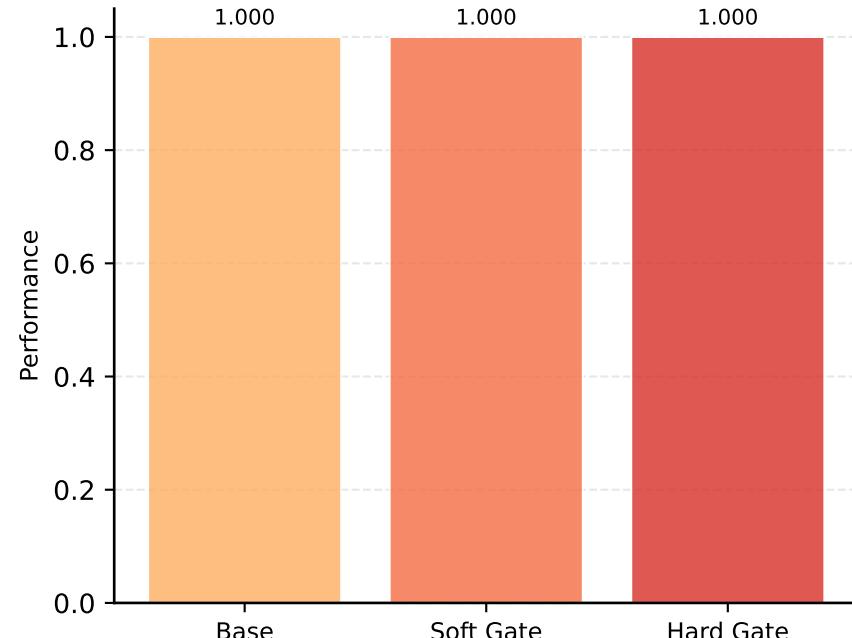
**eICU**



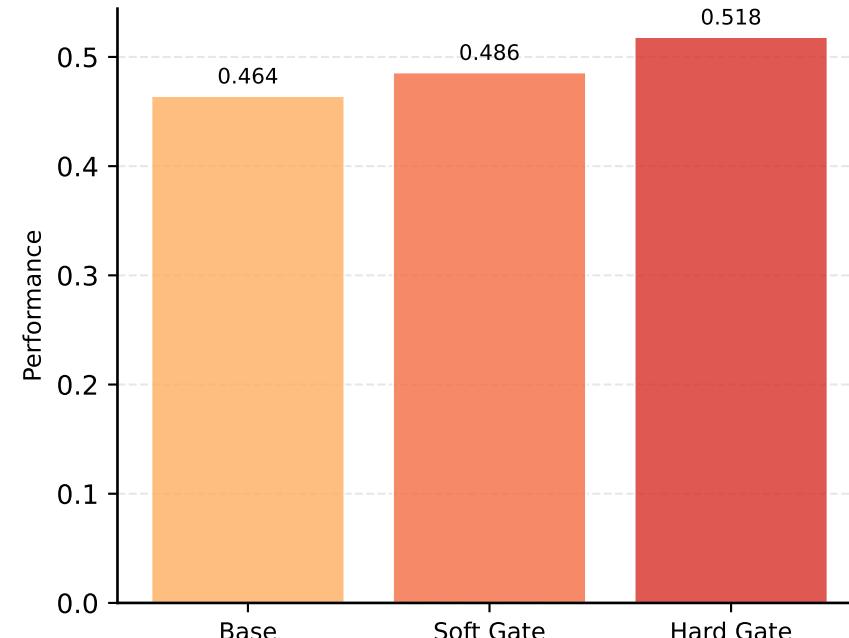
**NHANES**



**UCI CTG**

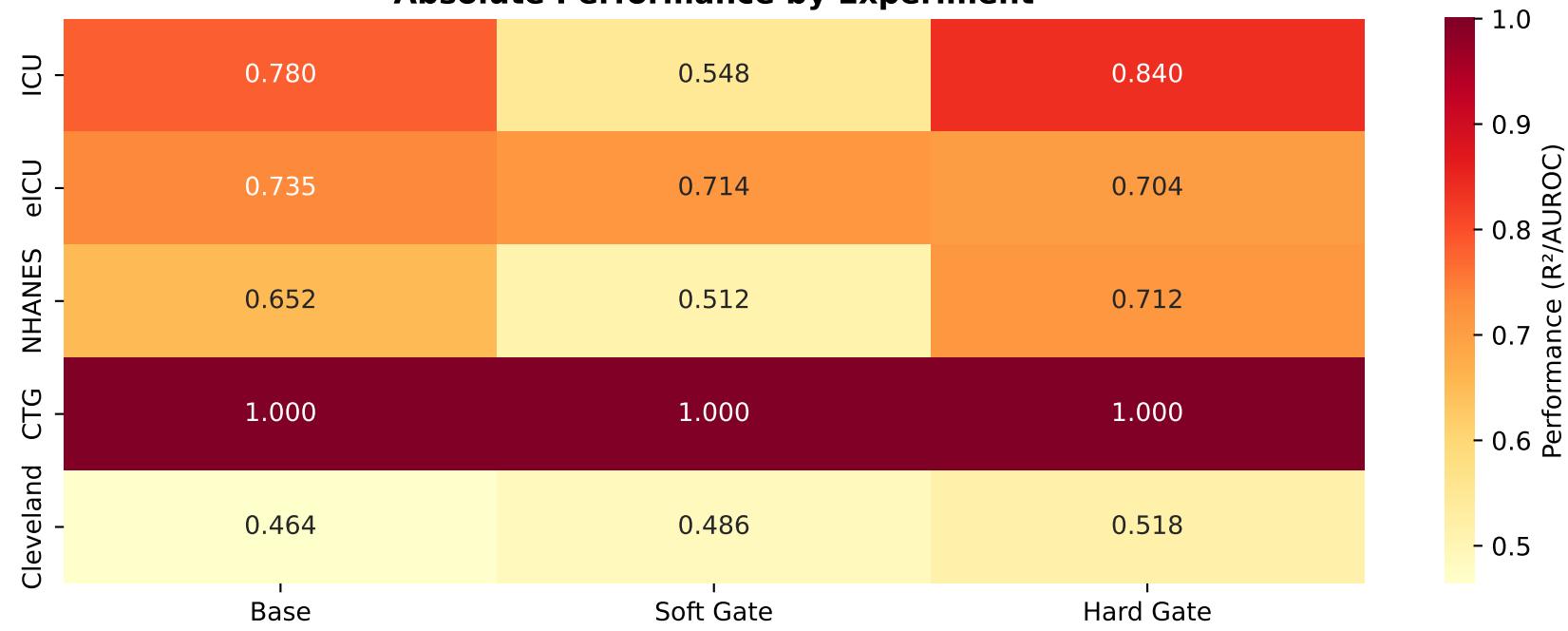


**UCI Cleveland**



UCI Hydraulic  
No Data

**Absolute Performance by Experiment**



Performance ( $R^2/AUROC$ )

**Summary Statistics**  
=====

Average Improvement:  
Soft Gating: -9.9%  
Hard Gating: +4.8%

Win Rate (vs Base):  
Soft Gating: 1/5  
Hard Gating: 3/5

Best Performer:  
ICU: Hard  
eICU: Soft  
NHANES: Hard  
CTG: Soft  
Cleveland: Hard