

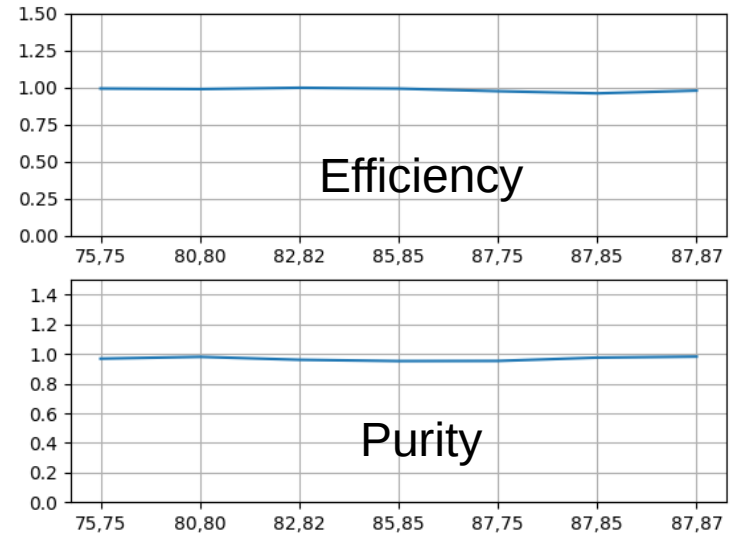
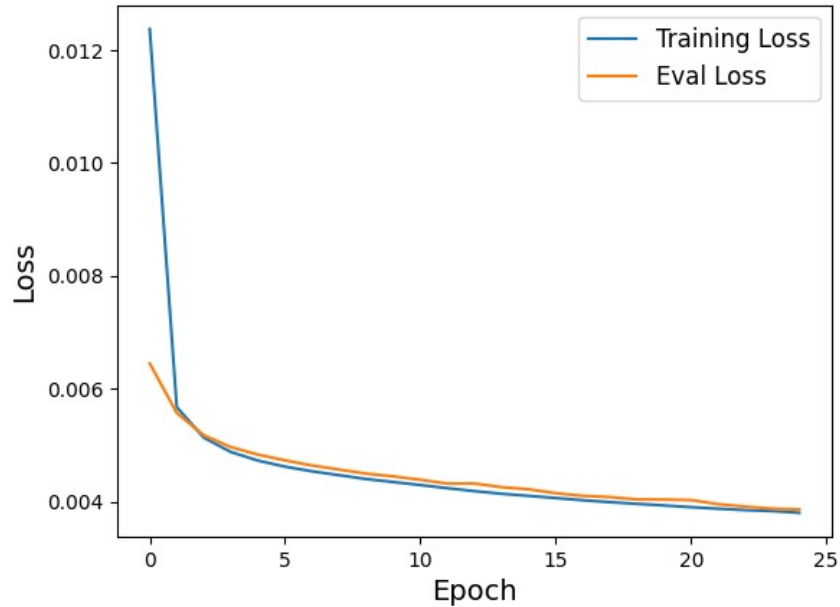
# SPNG DNNROI Training Updates

Jake Calcutt  
Prompt Processing  
06/26/26

# Introduction

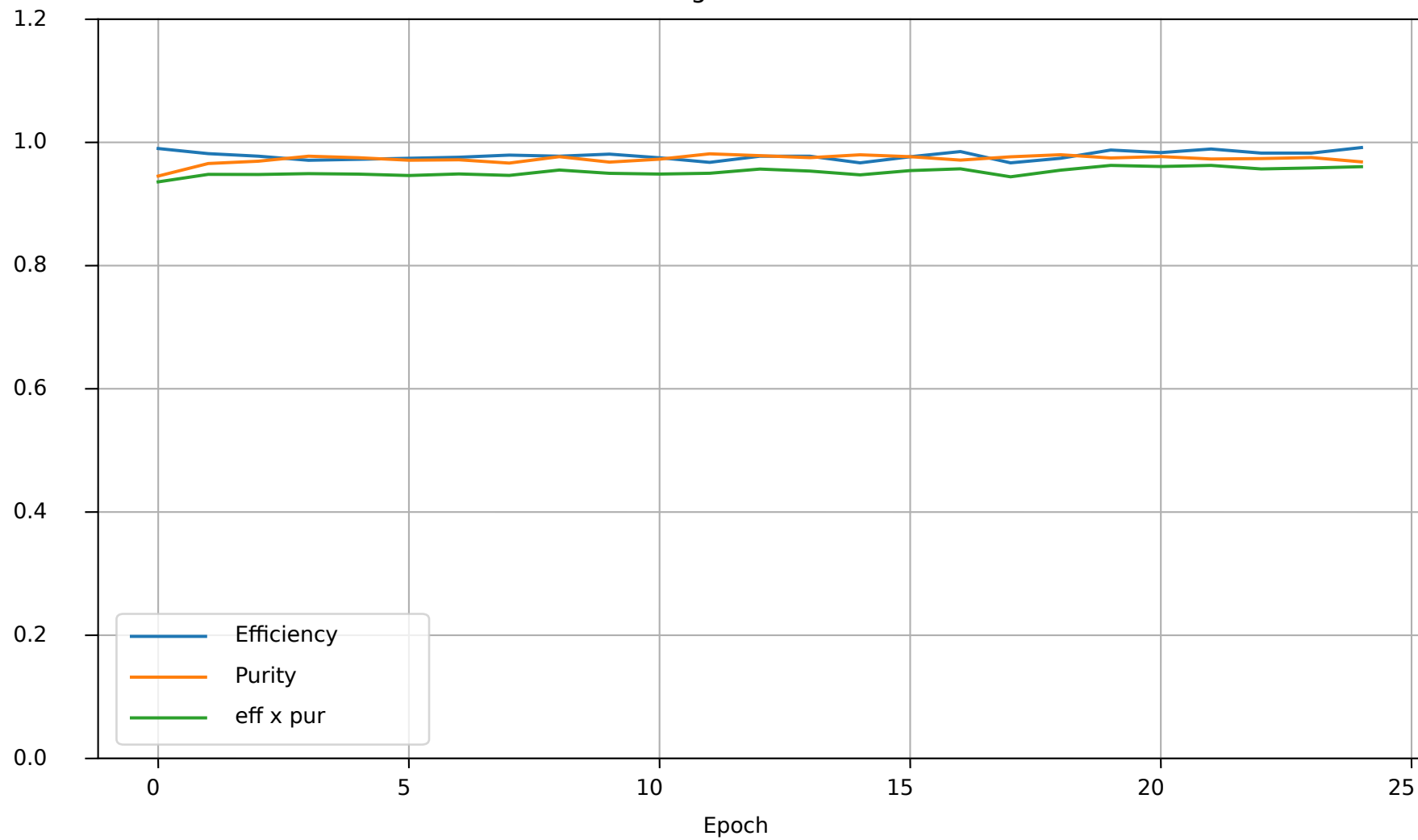
- Set up a training pipeline on sgpu0004
  - Input generation, training submitted via condor
- Trained dense input only (no MP2/3) on U,V,W
  - 19.5k events (80/20 train/val)
  - 25 epochs
  - Batch size: U/V=4, W=8 (what fit on a single L40S)

# U Plane Results

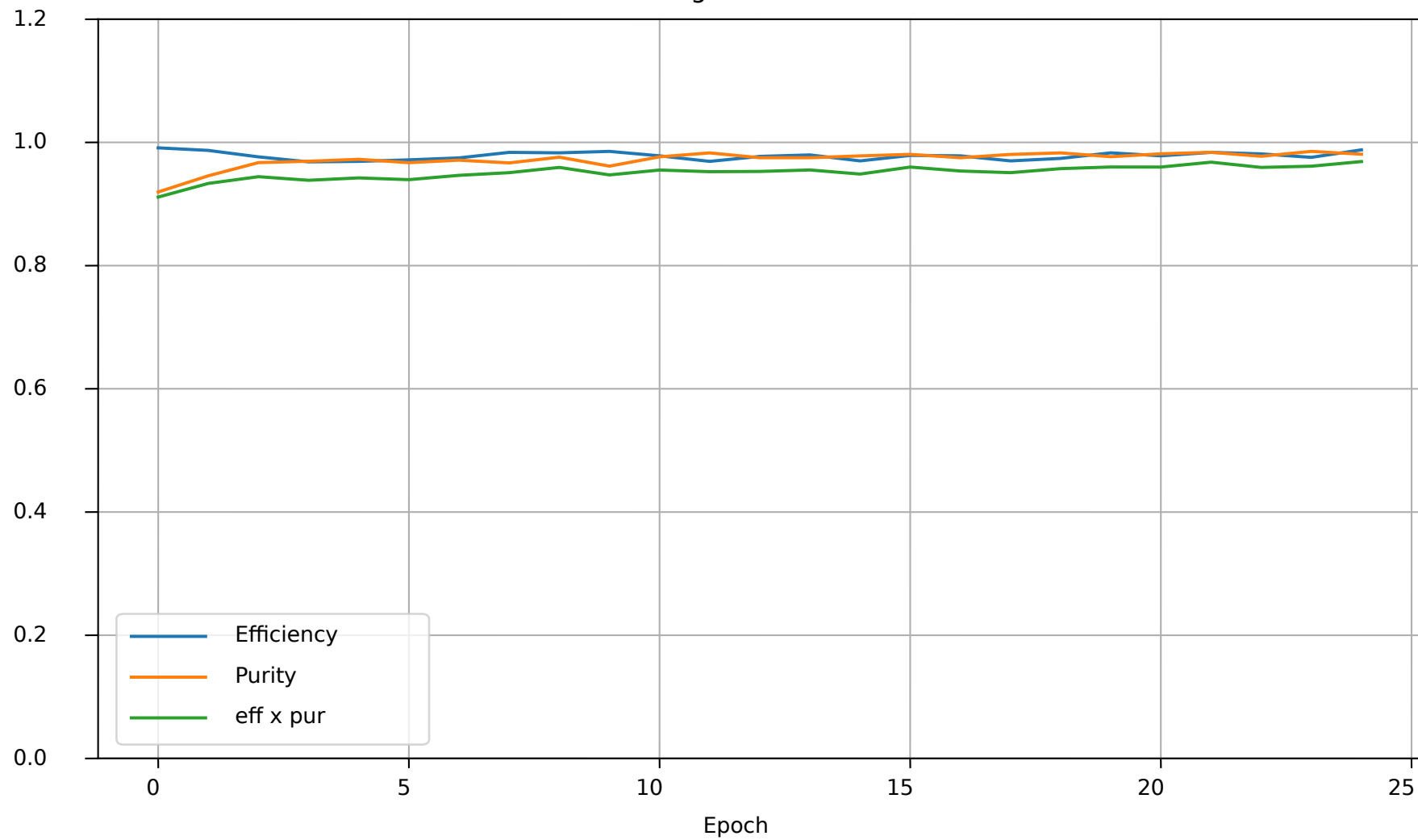


Note: I think there's a 'hidden' scaling (per batch) here

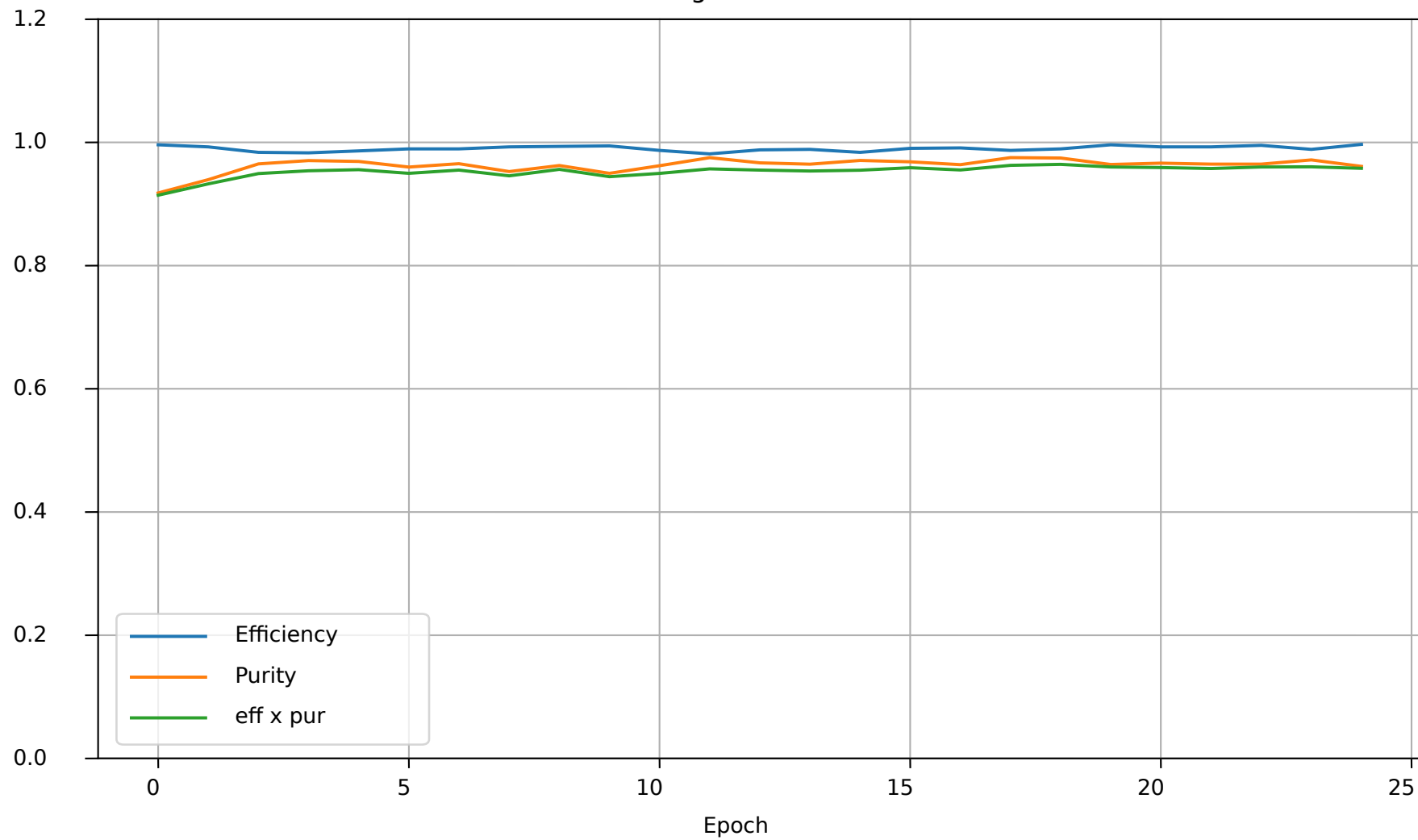
Angle #0



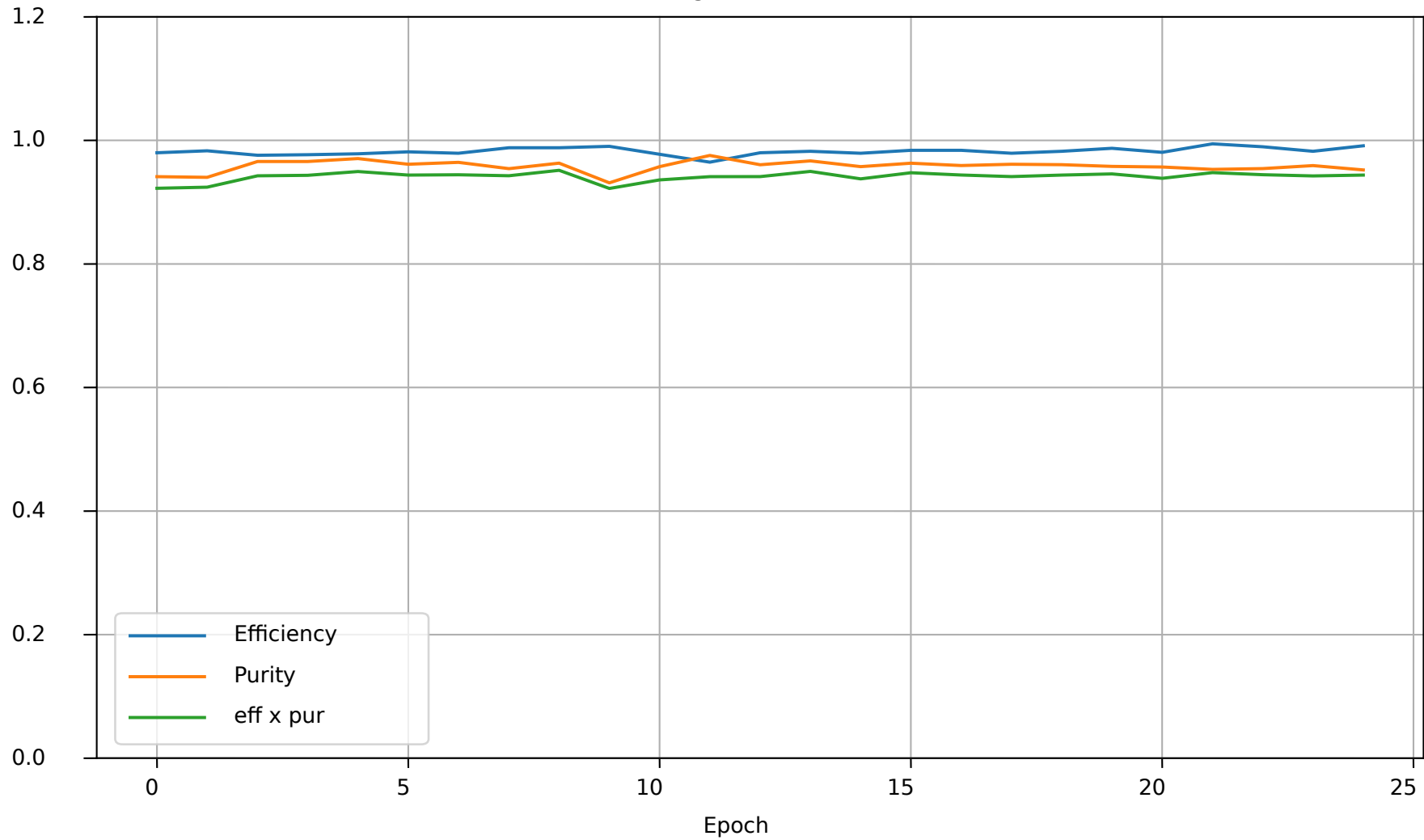
Angle #1



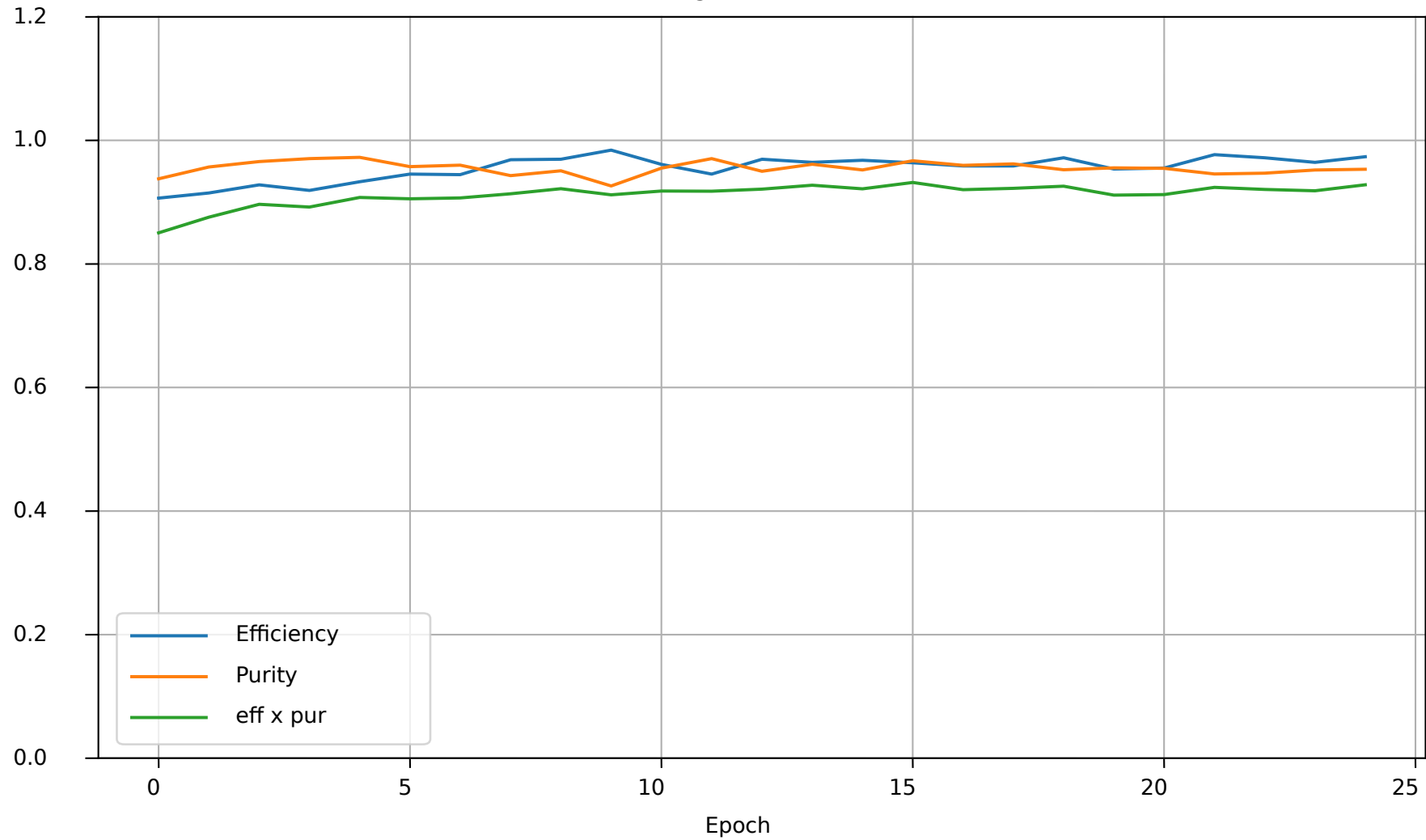
Angle #2



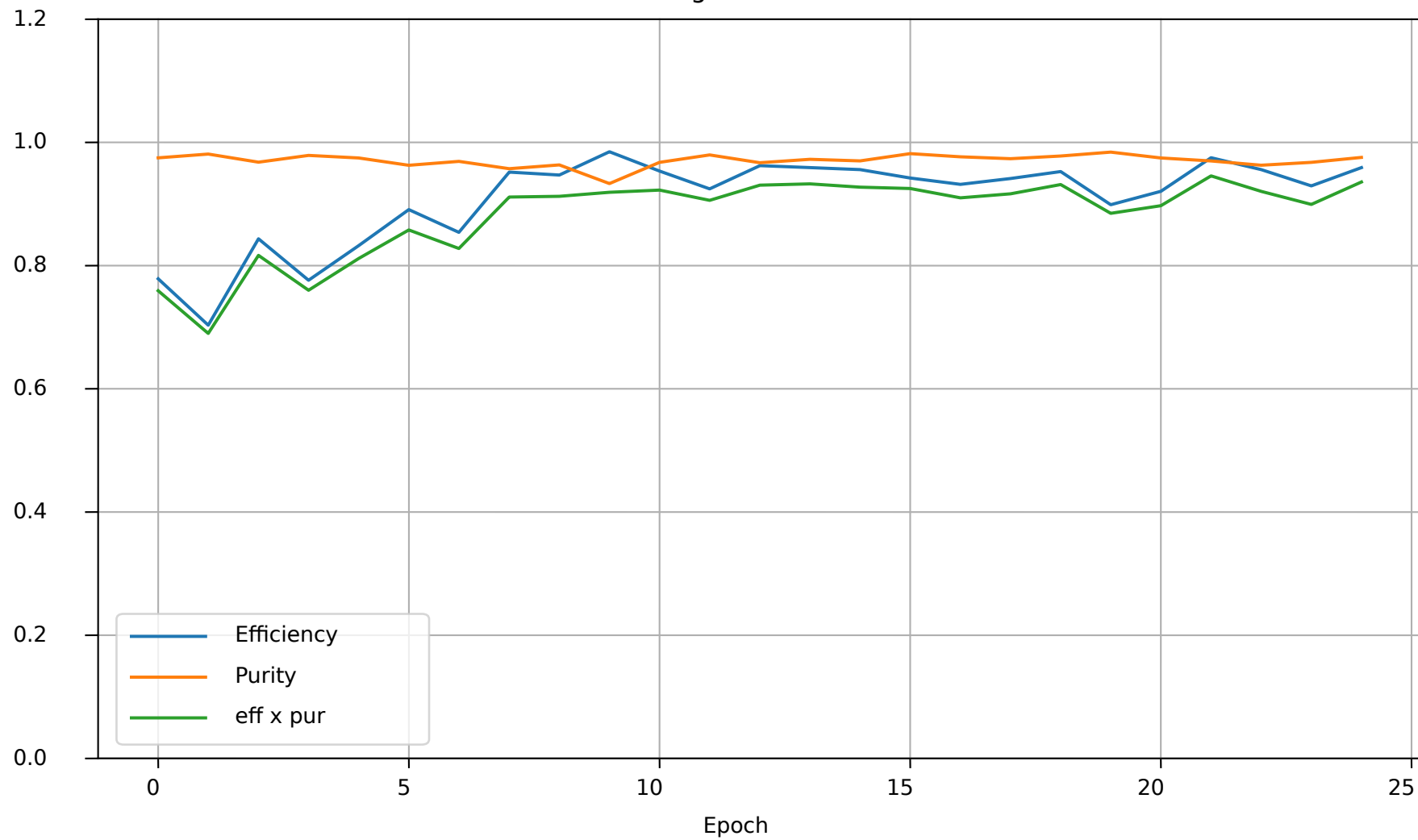
Angle #3



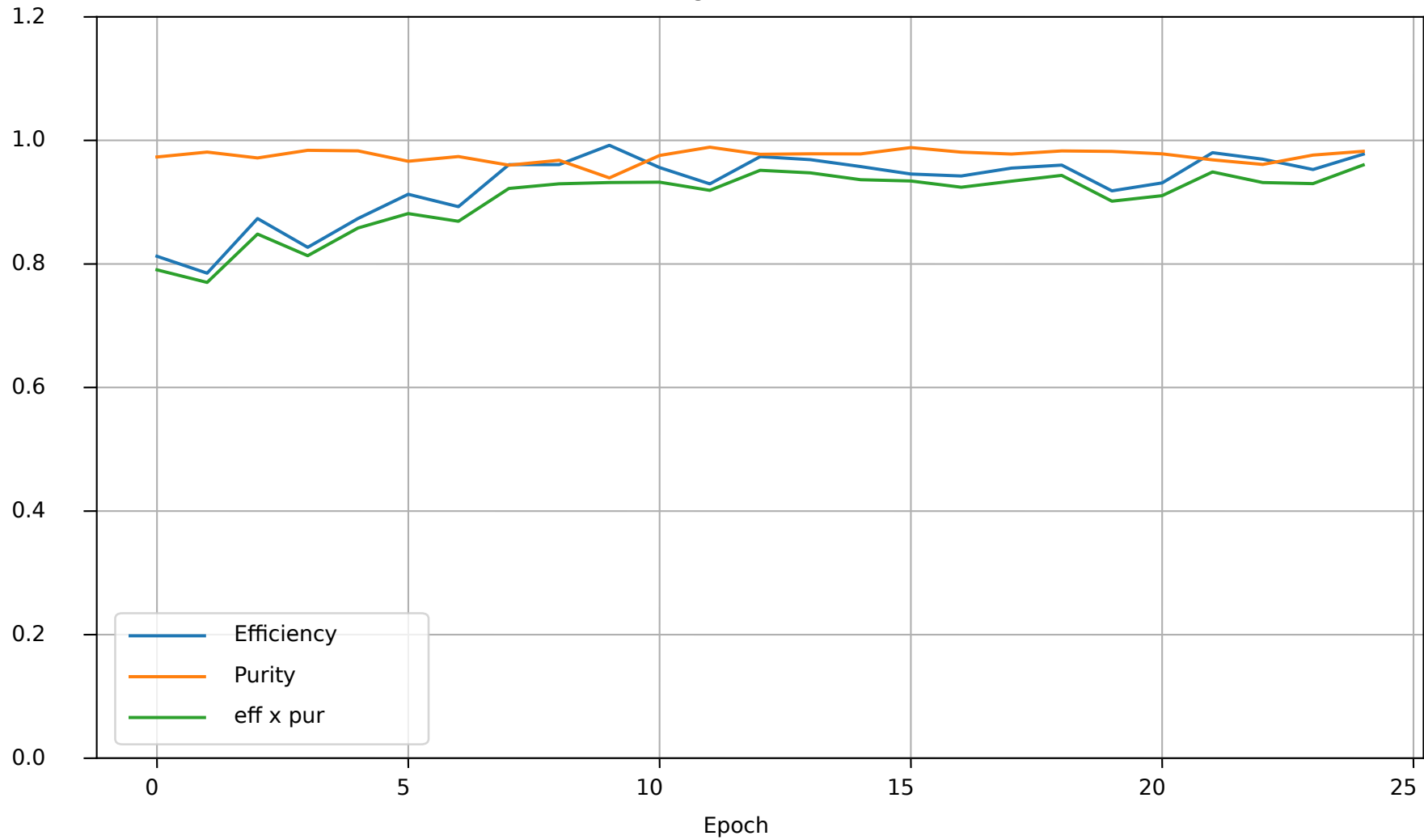
Angle #4



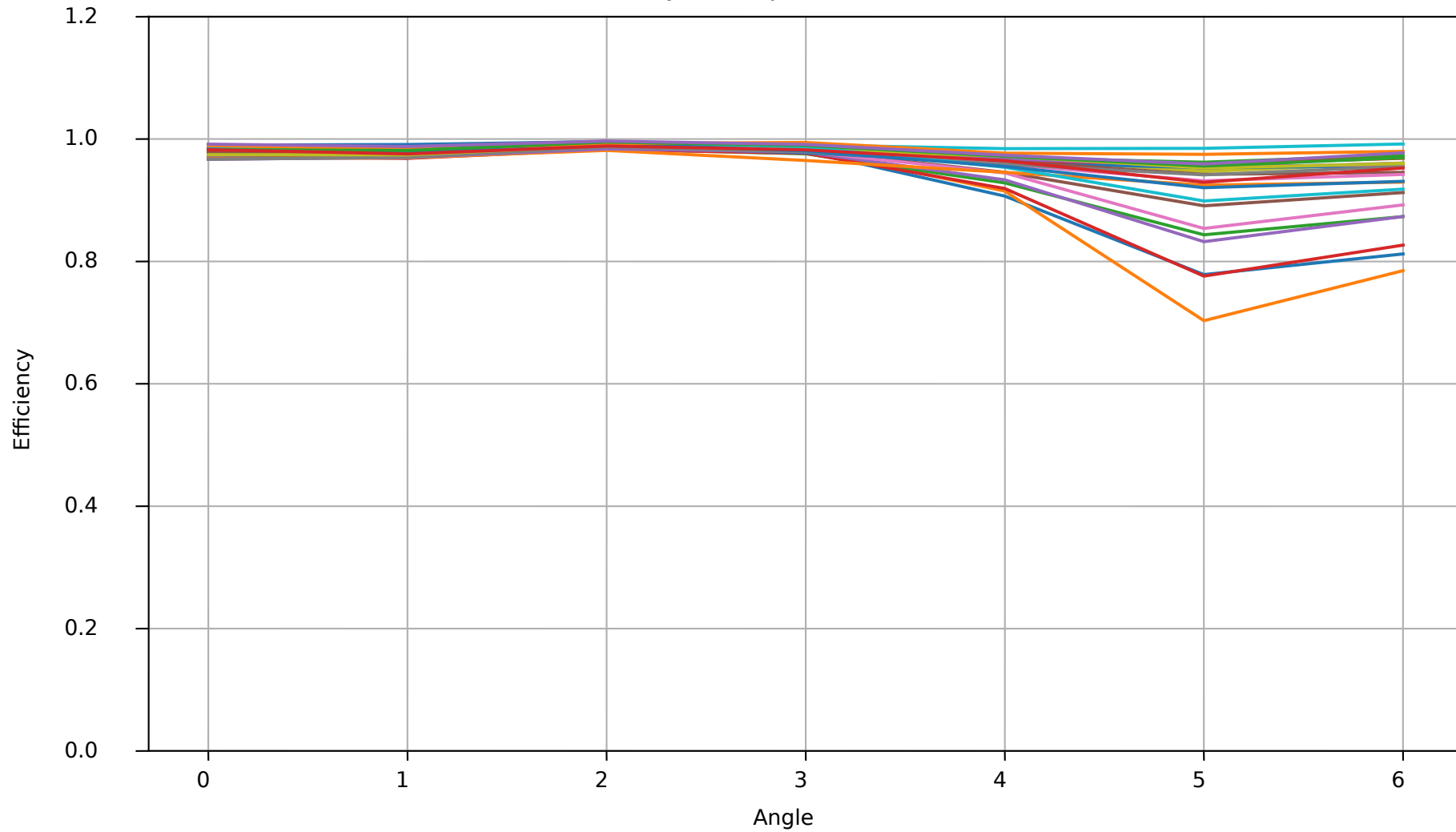
Angle #5



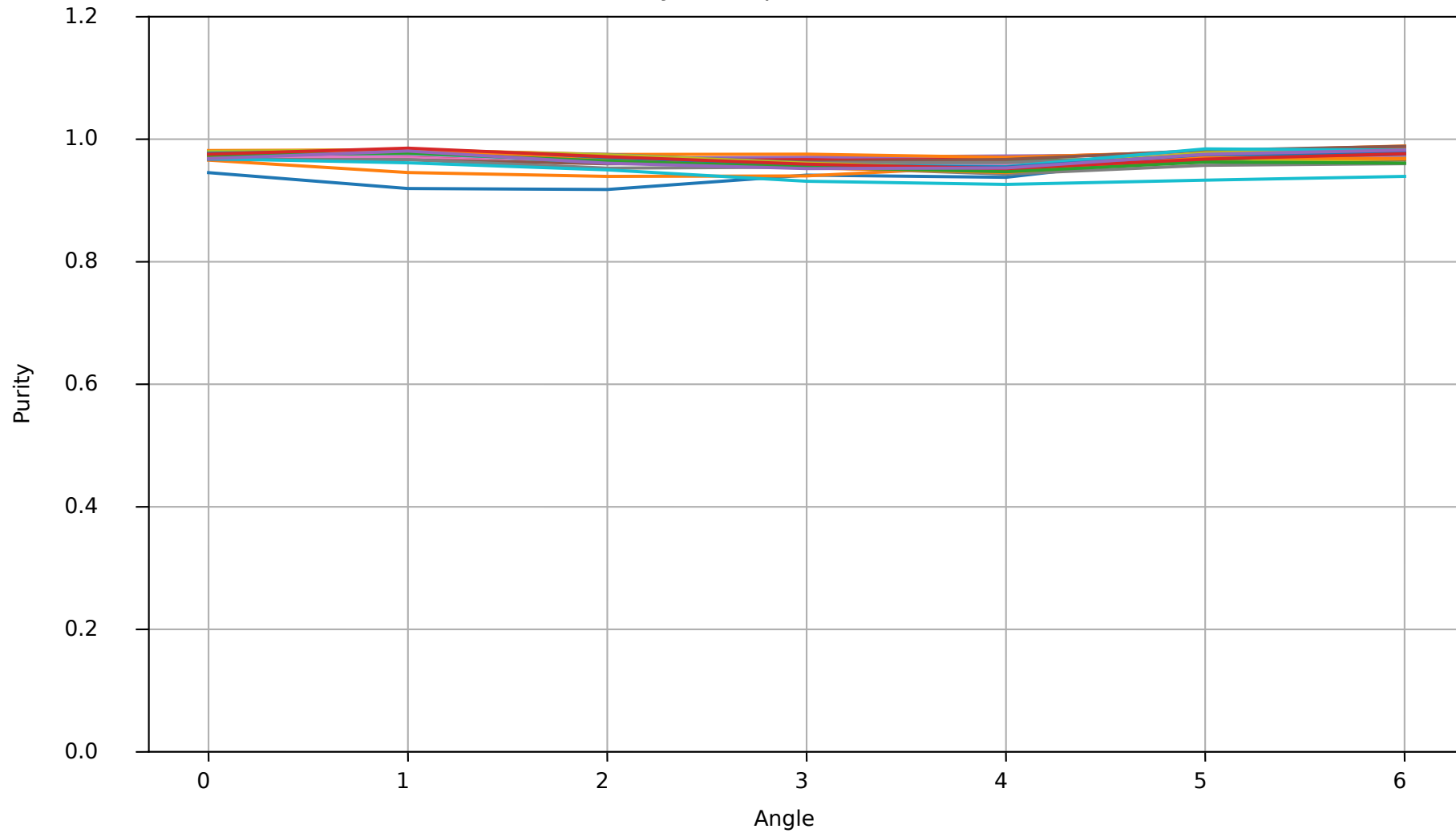
Angle #6



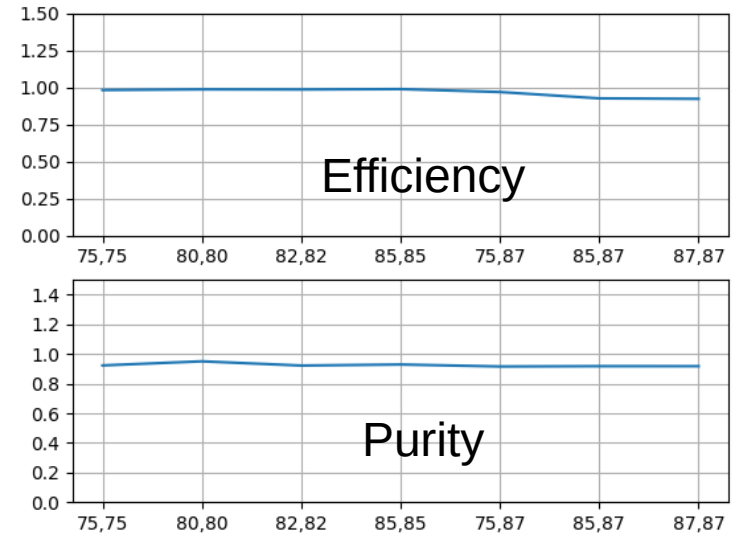
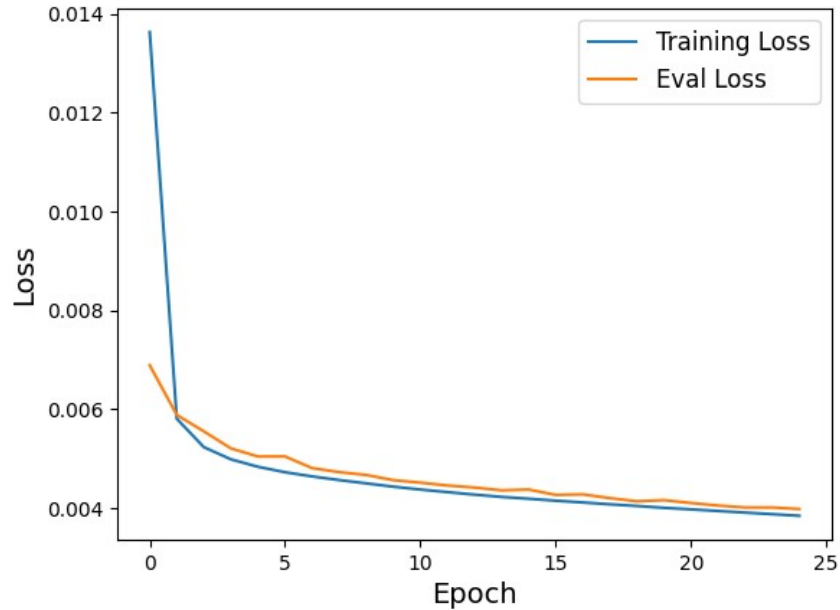
Efficiency -- all epochs



Purity -- all epochs

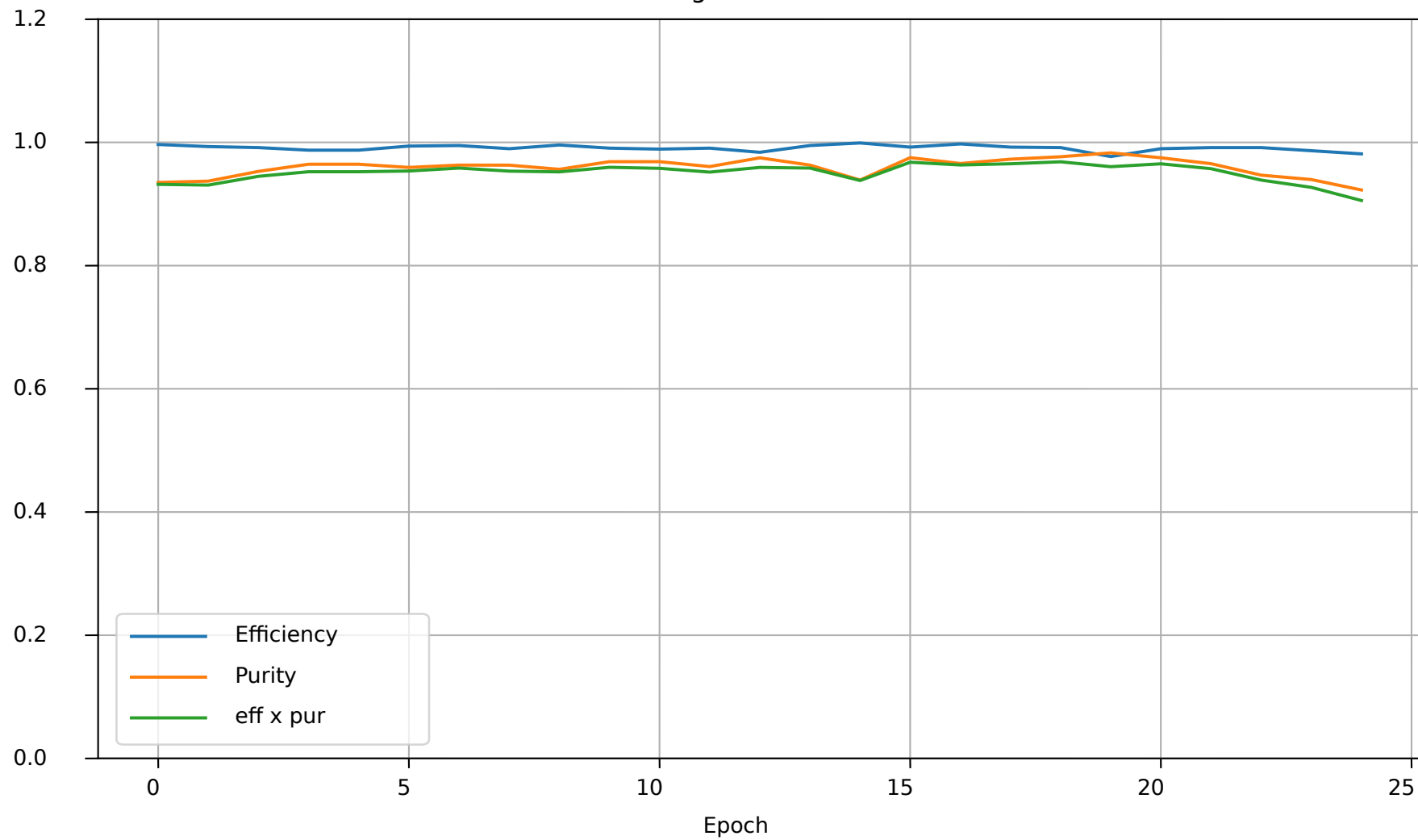


# V Plane Results

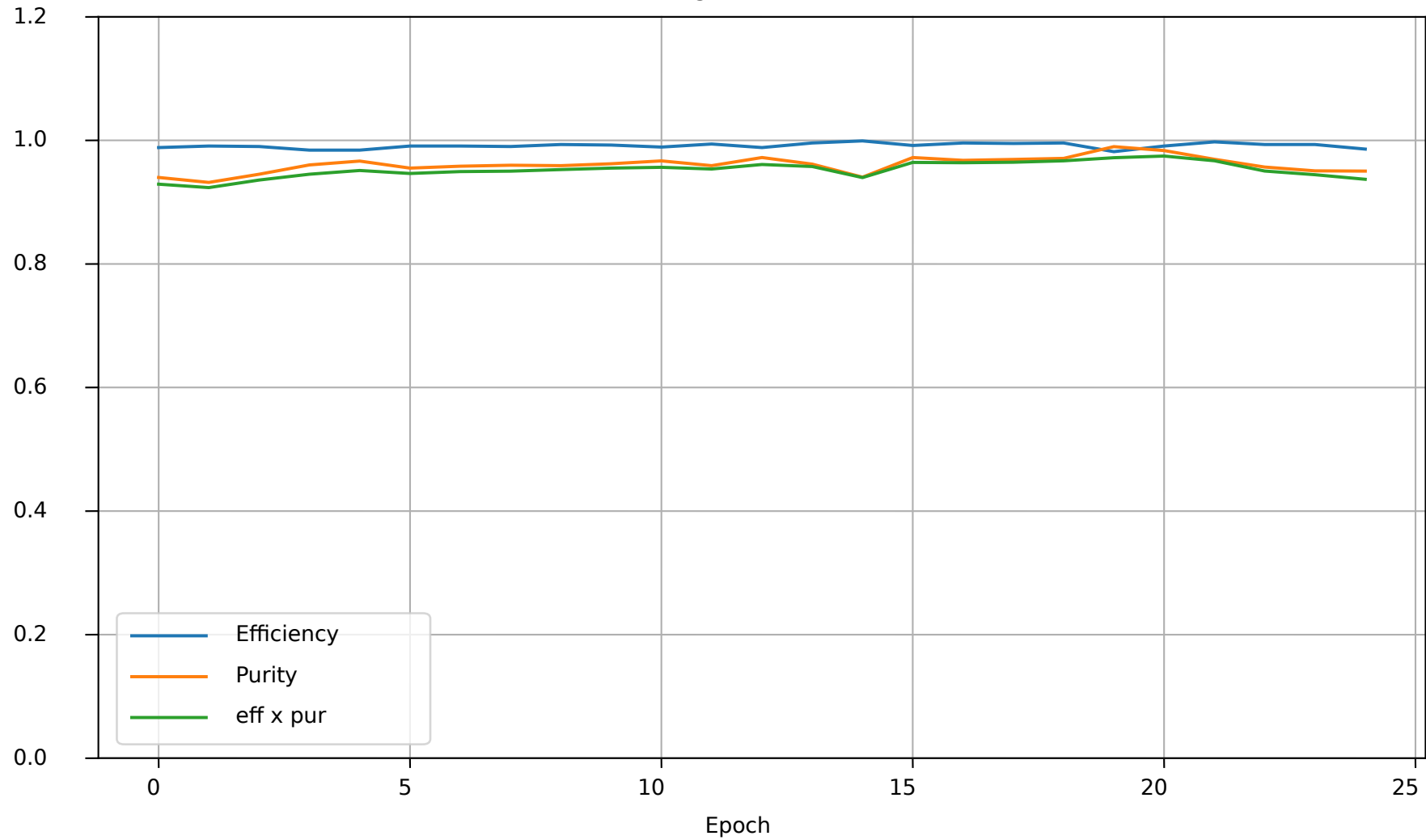


Note: I think there's a 'hidden' scaling (per batch) here

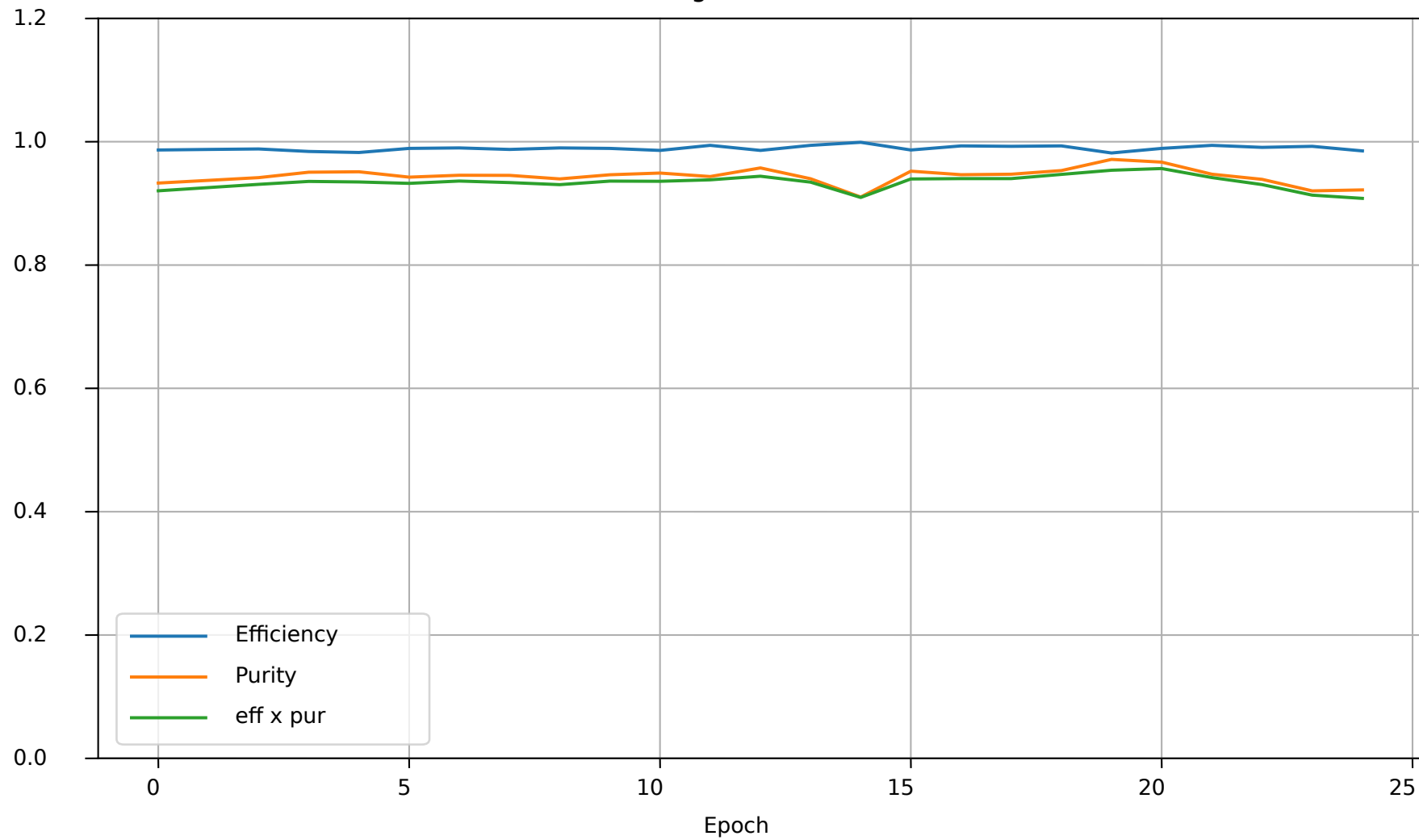
Angle #0



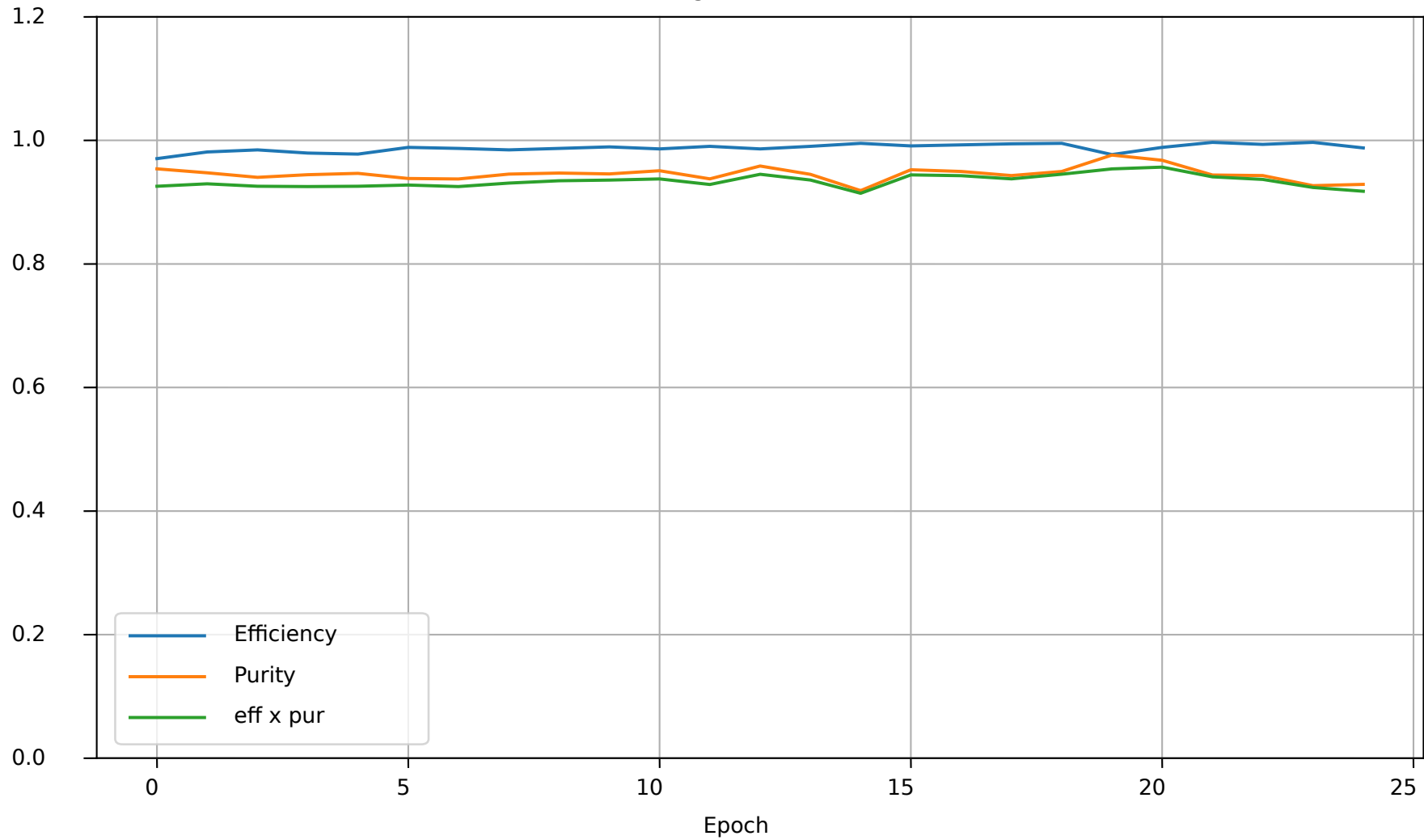
Angle #1



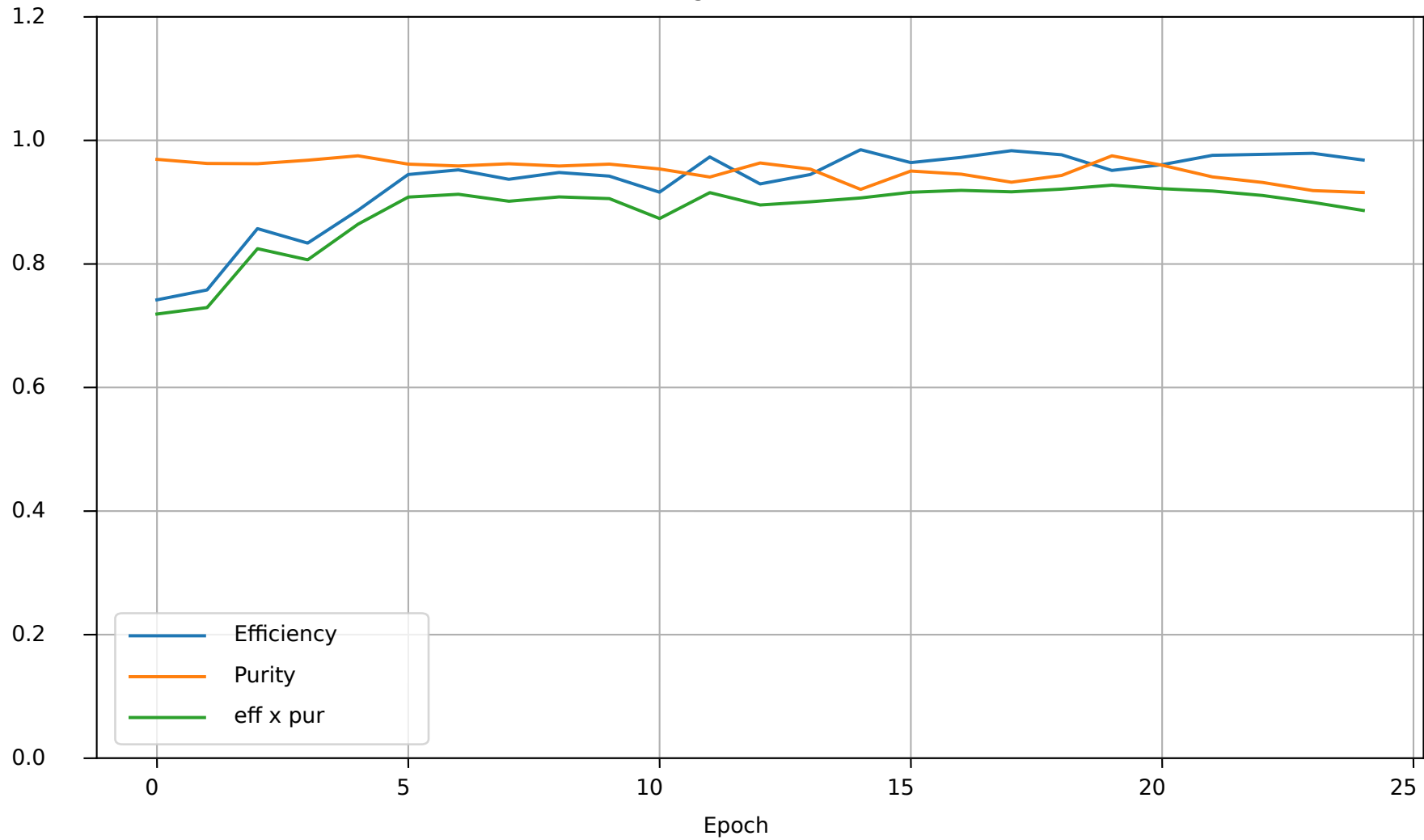
Angle #2



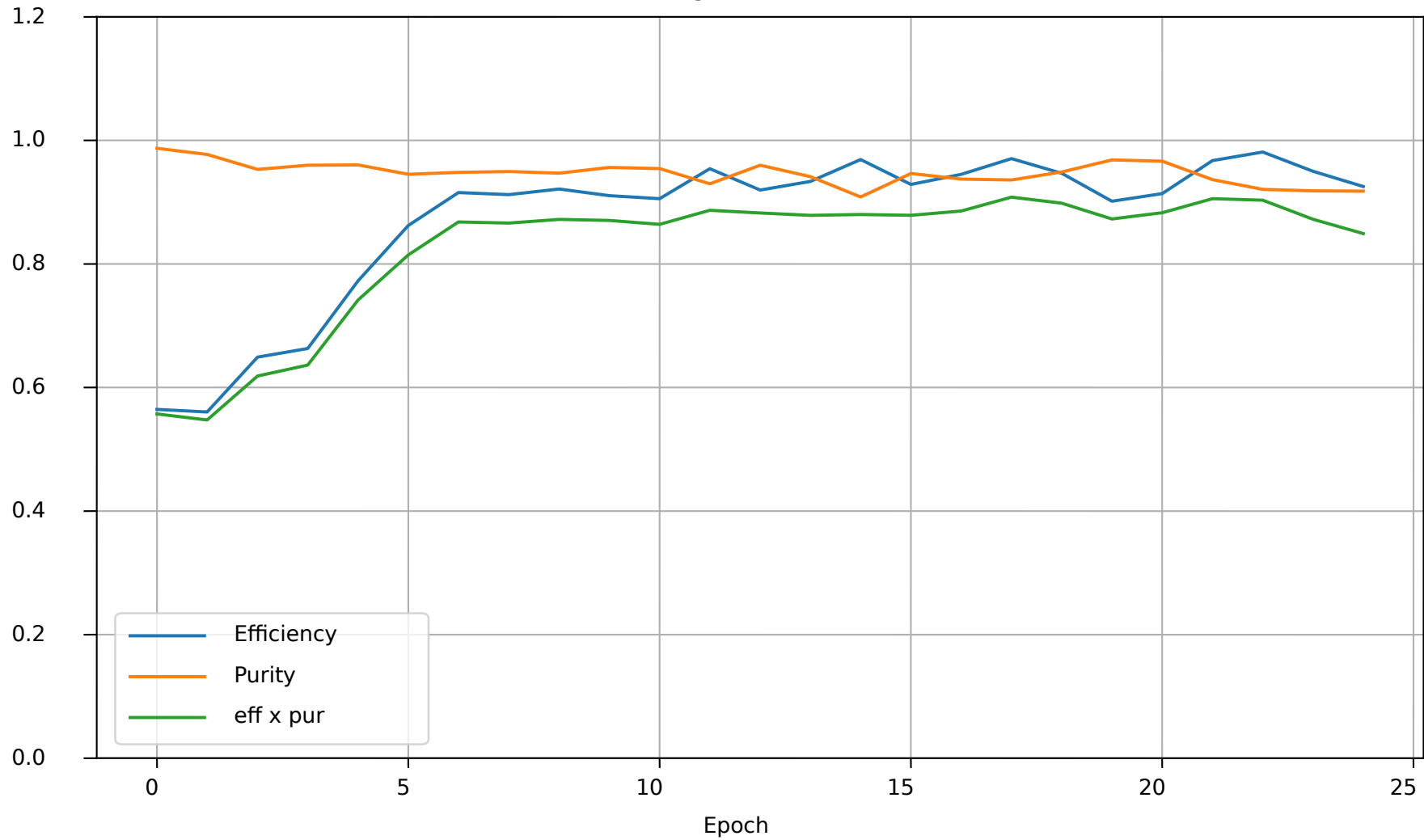
Angle #3



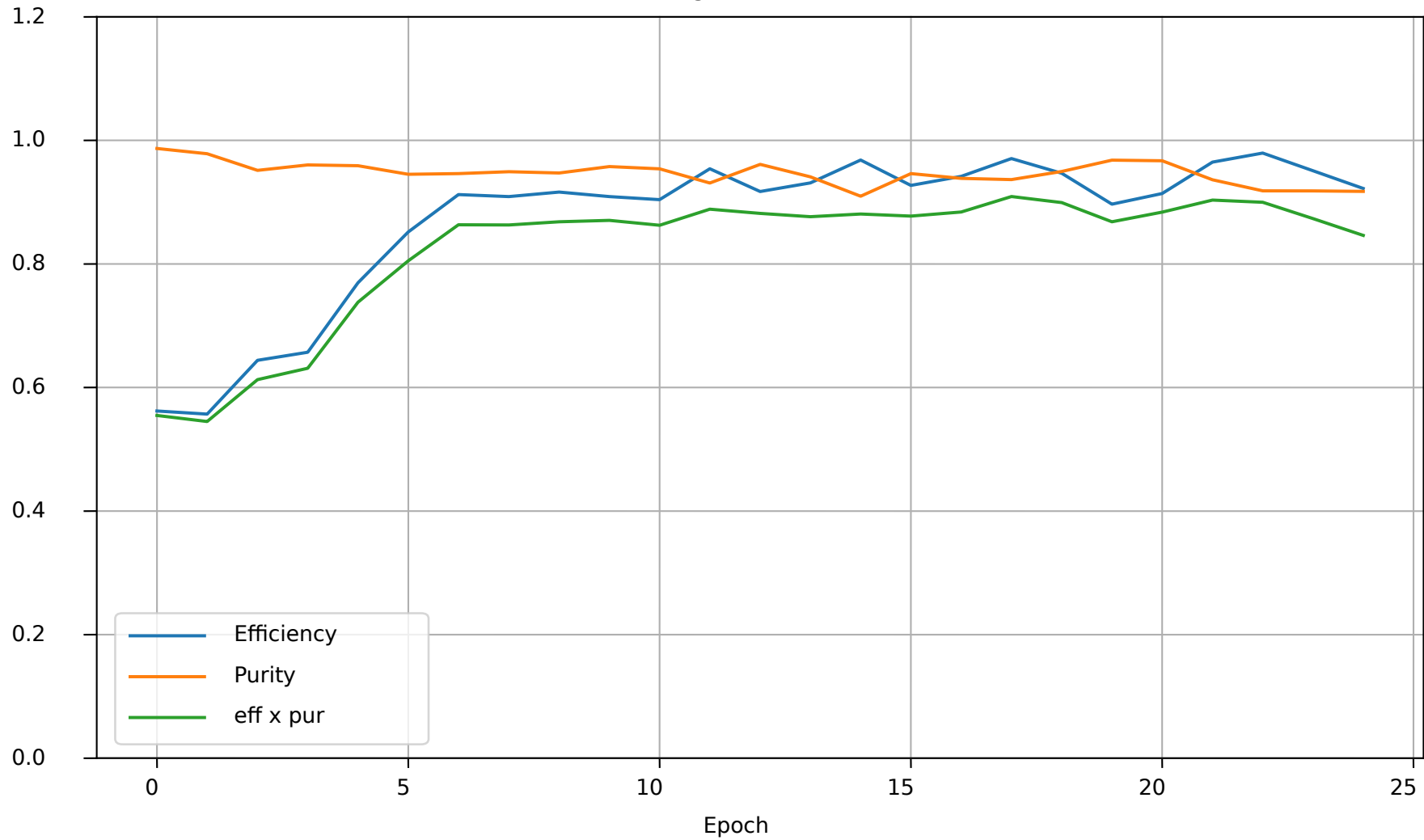
Angle #4



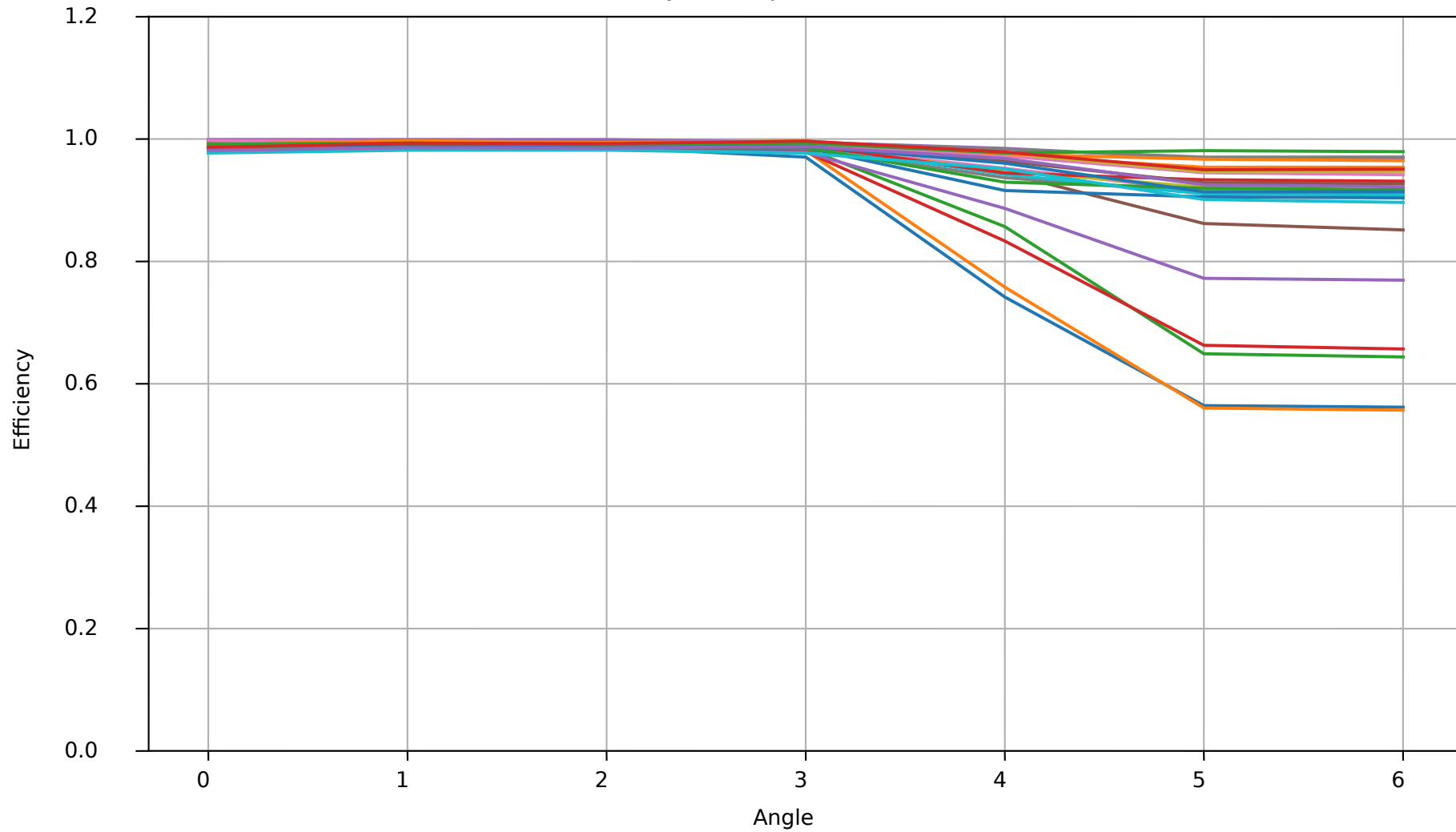
Angle #5



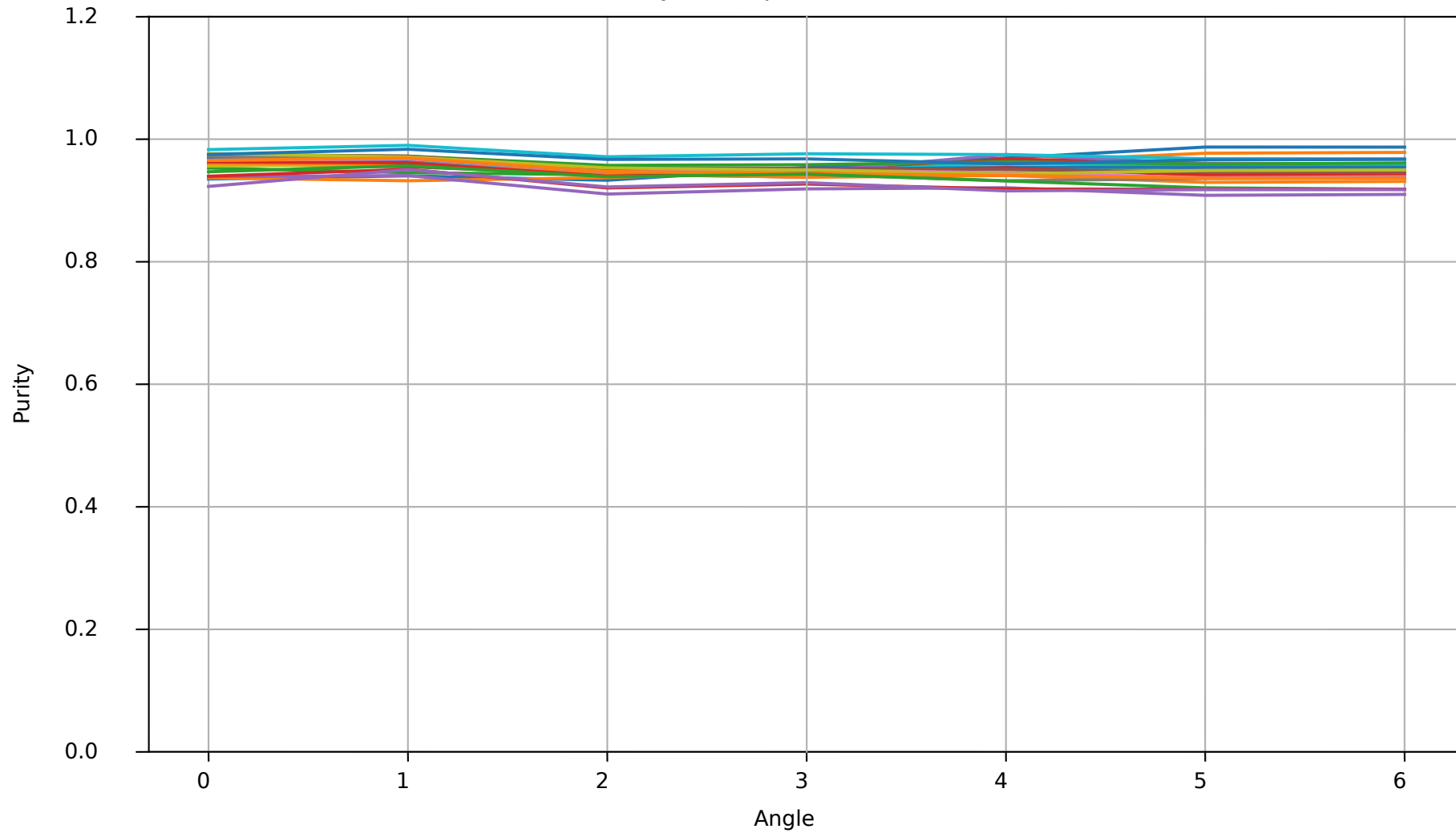
Angle #6



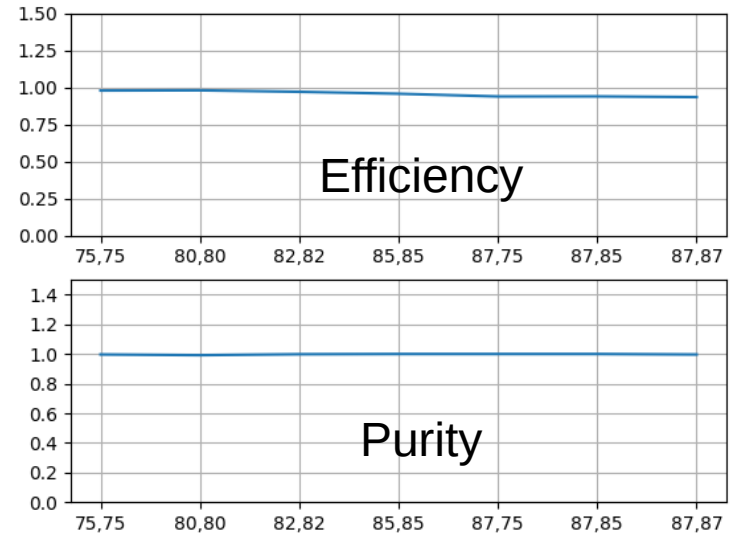
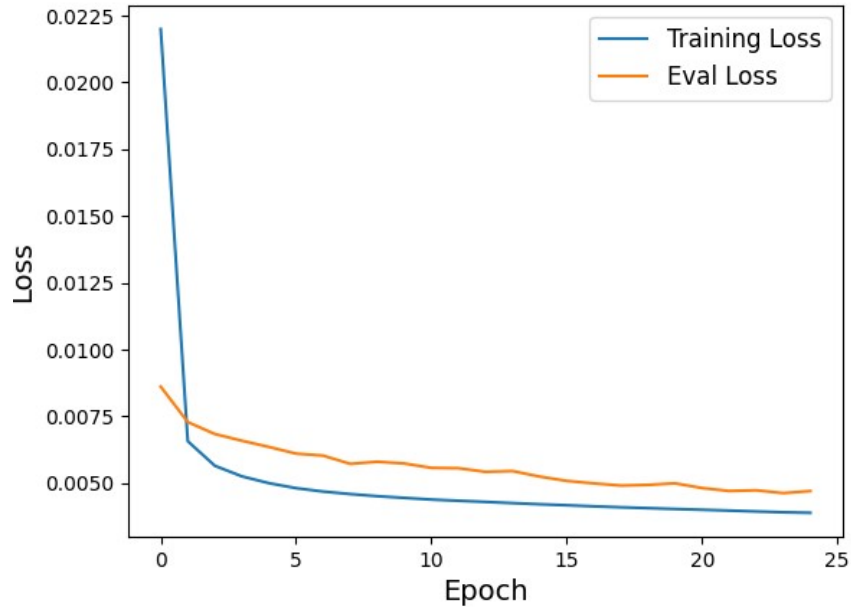
Efficiency -- all epochs



Purity -- all epochs

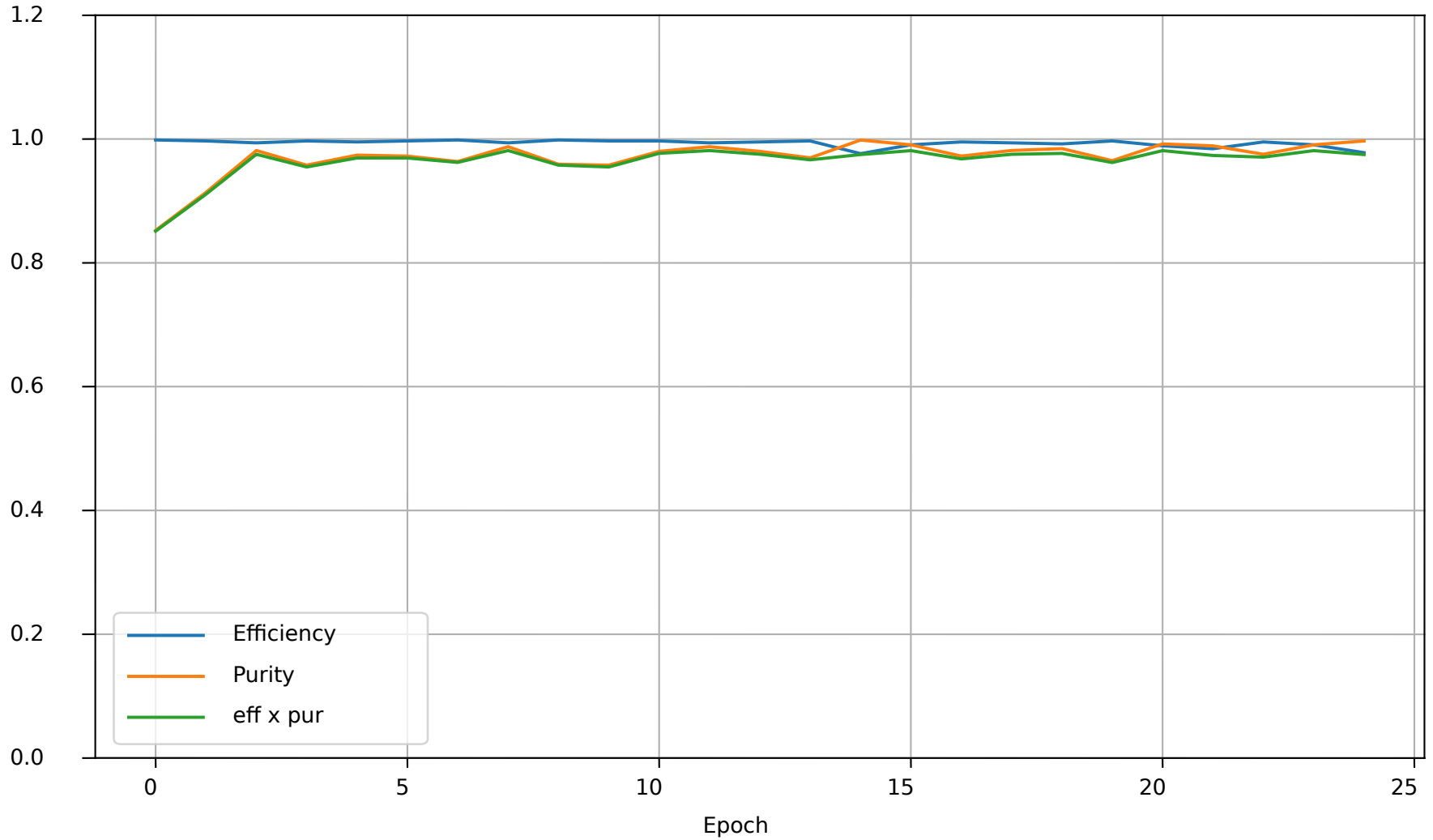


# W Plane Results

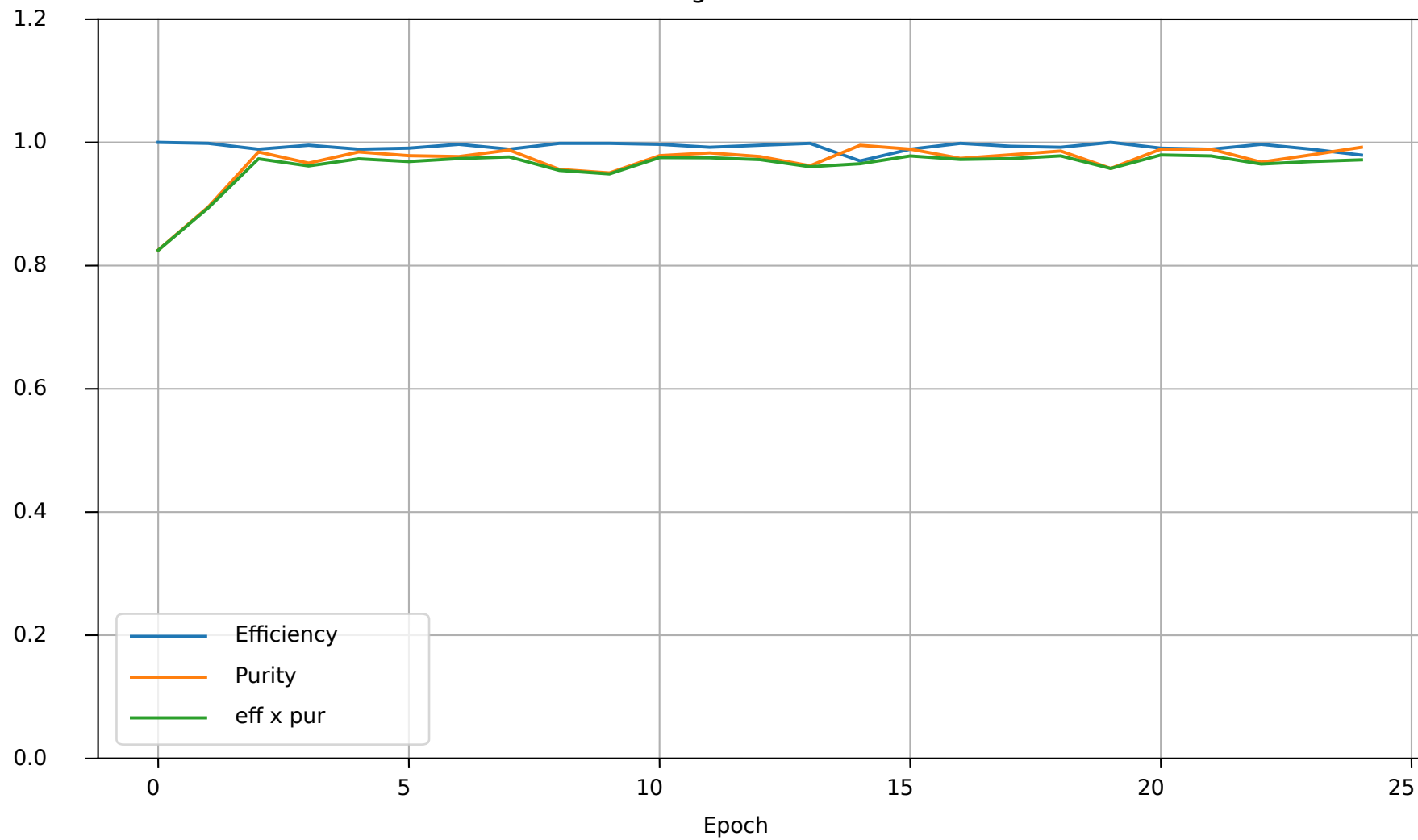


Note: I think there's a 'hidden' scaling (per batch) here

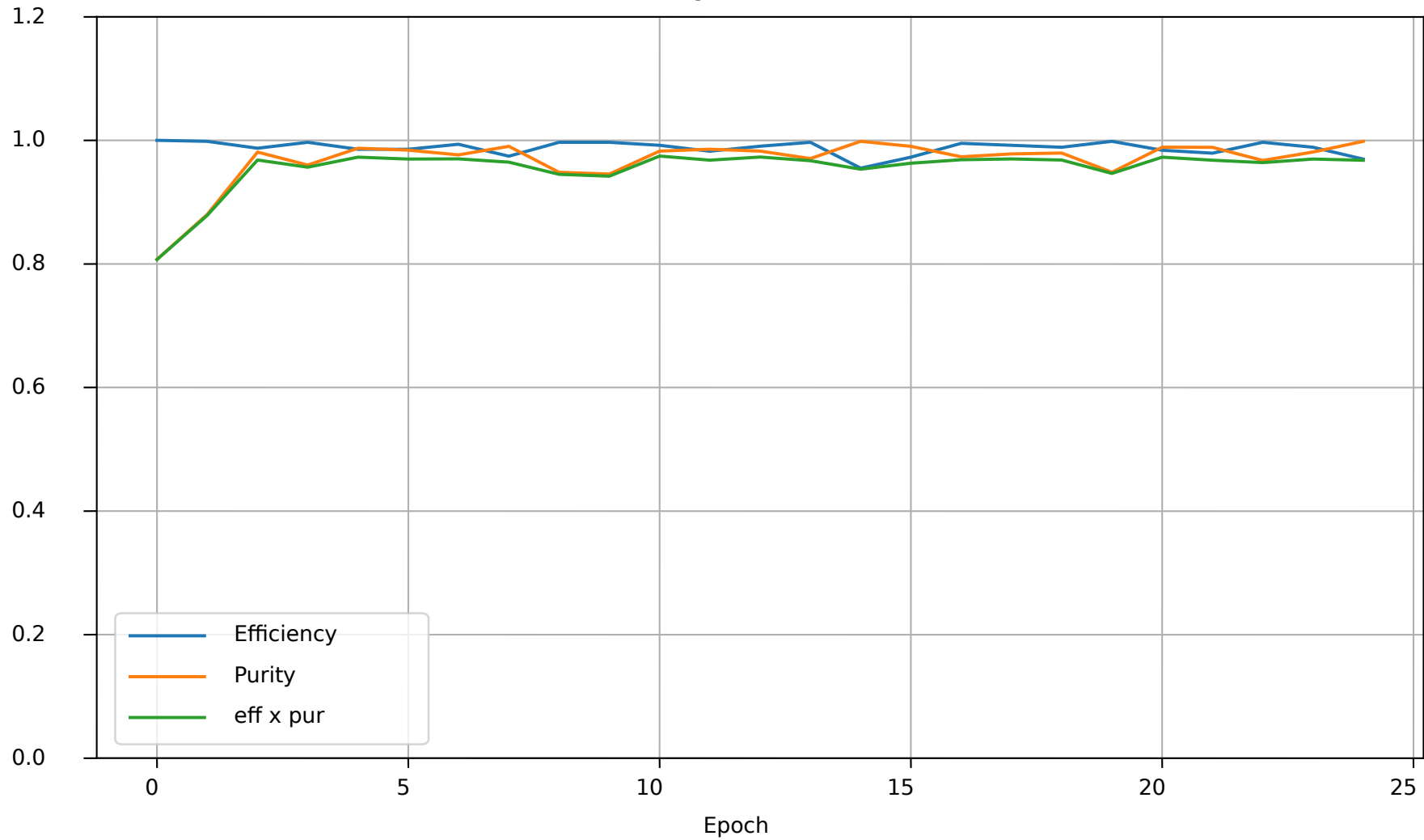
Angle #0



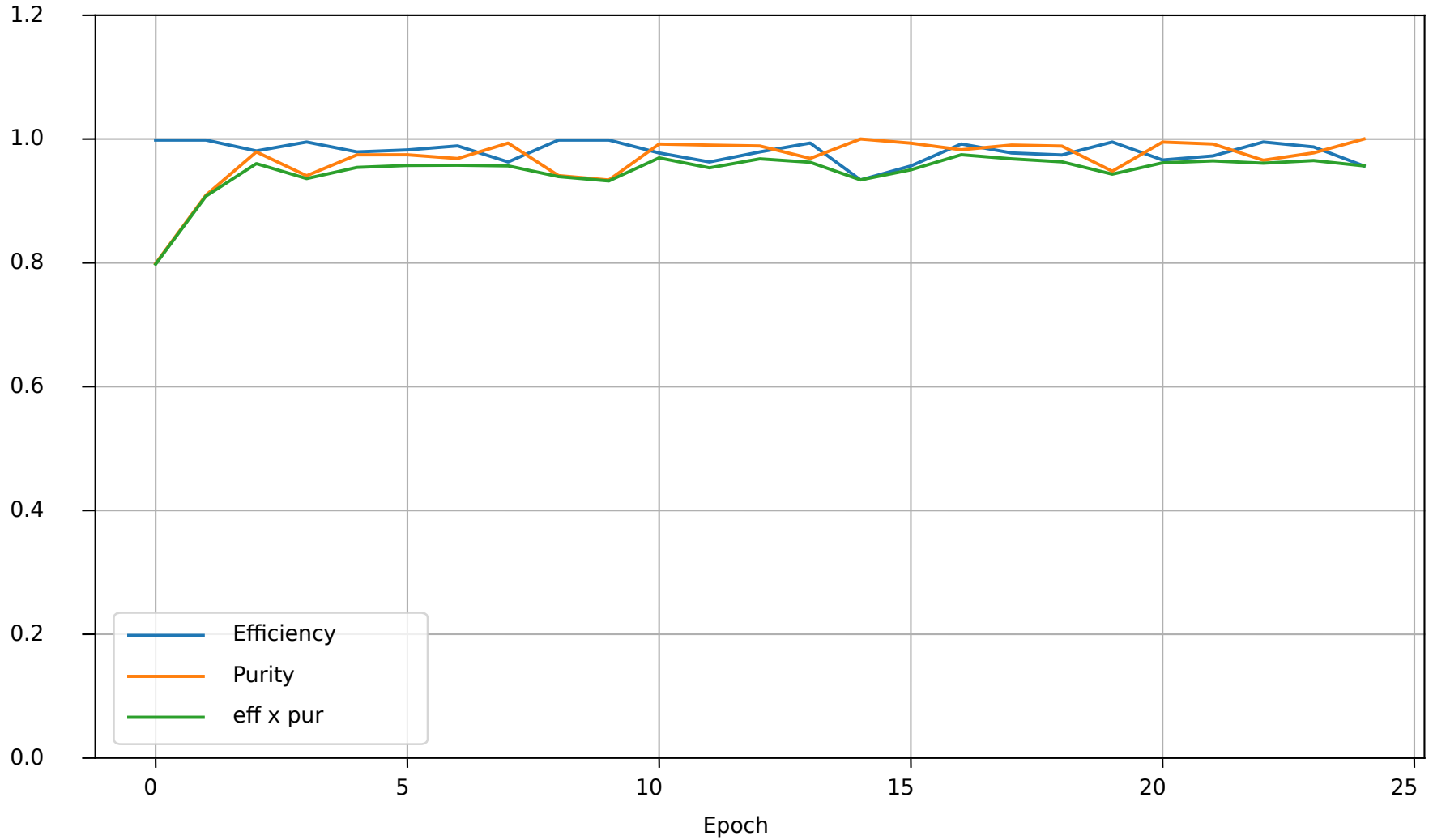
Angle #1



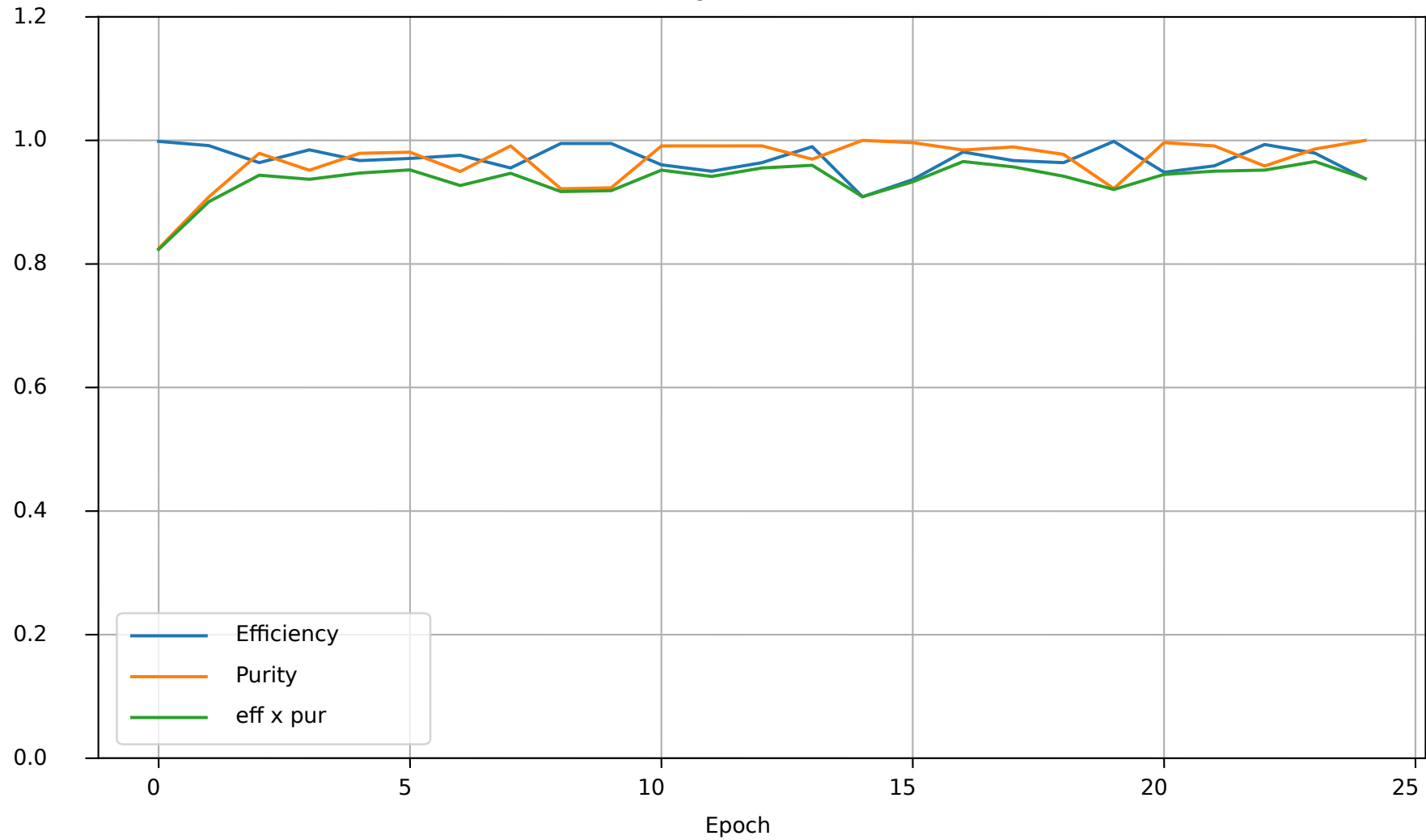
Angle #2



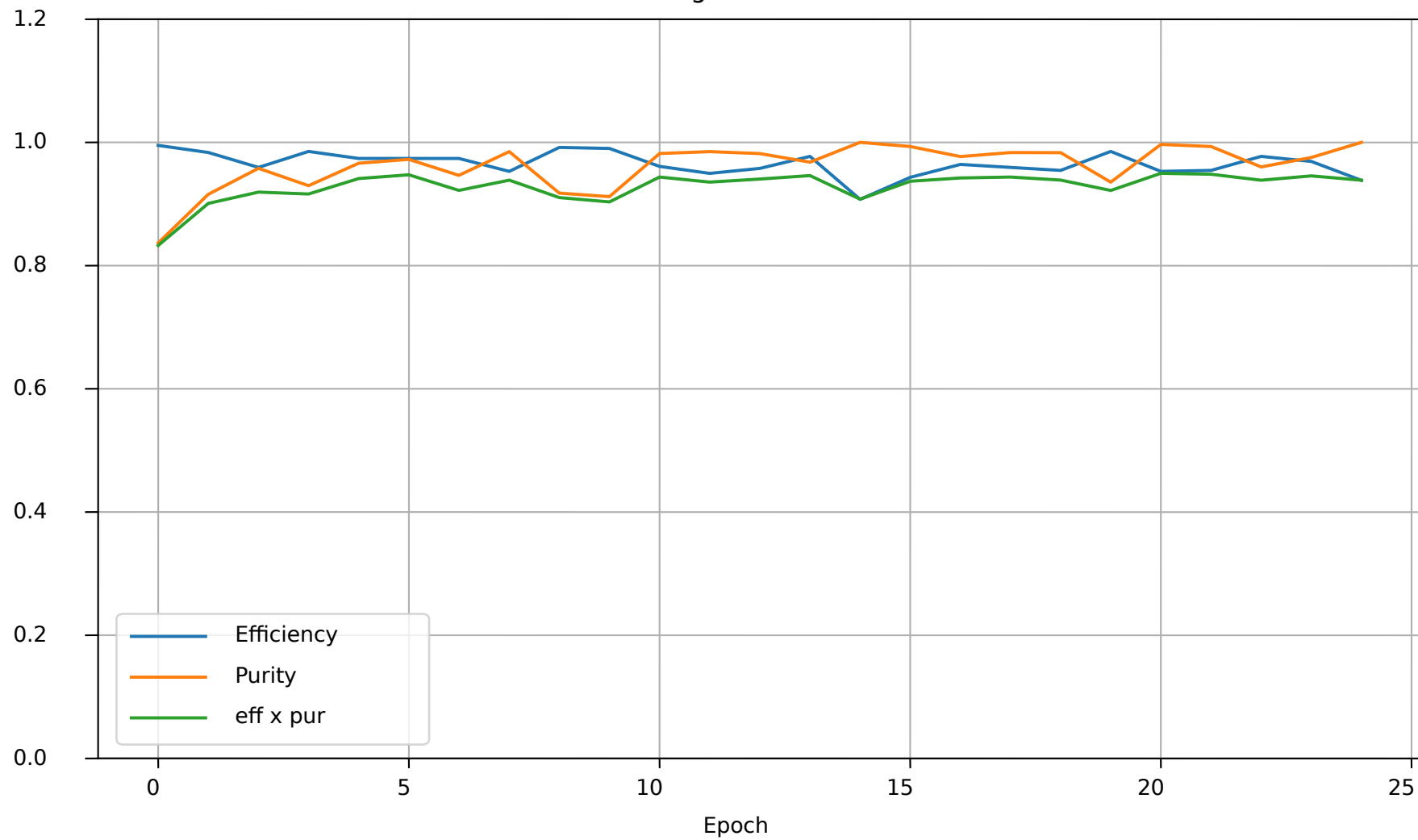
Angle #3



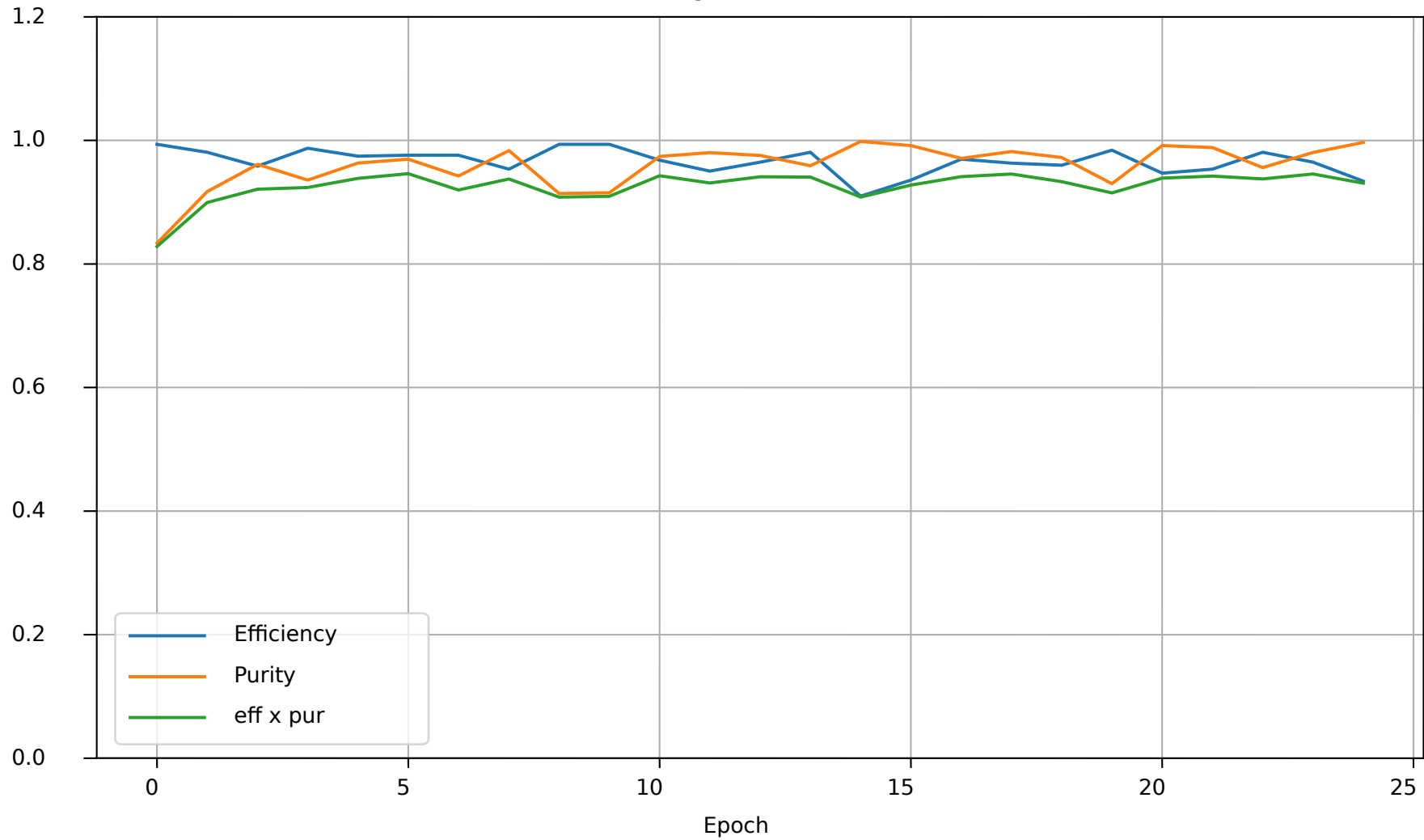
Angle #4



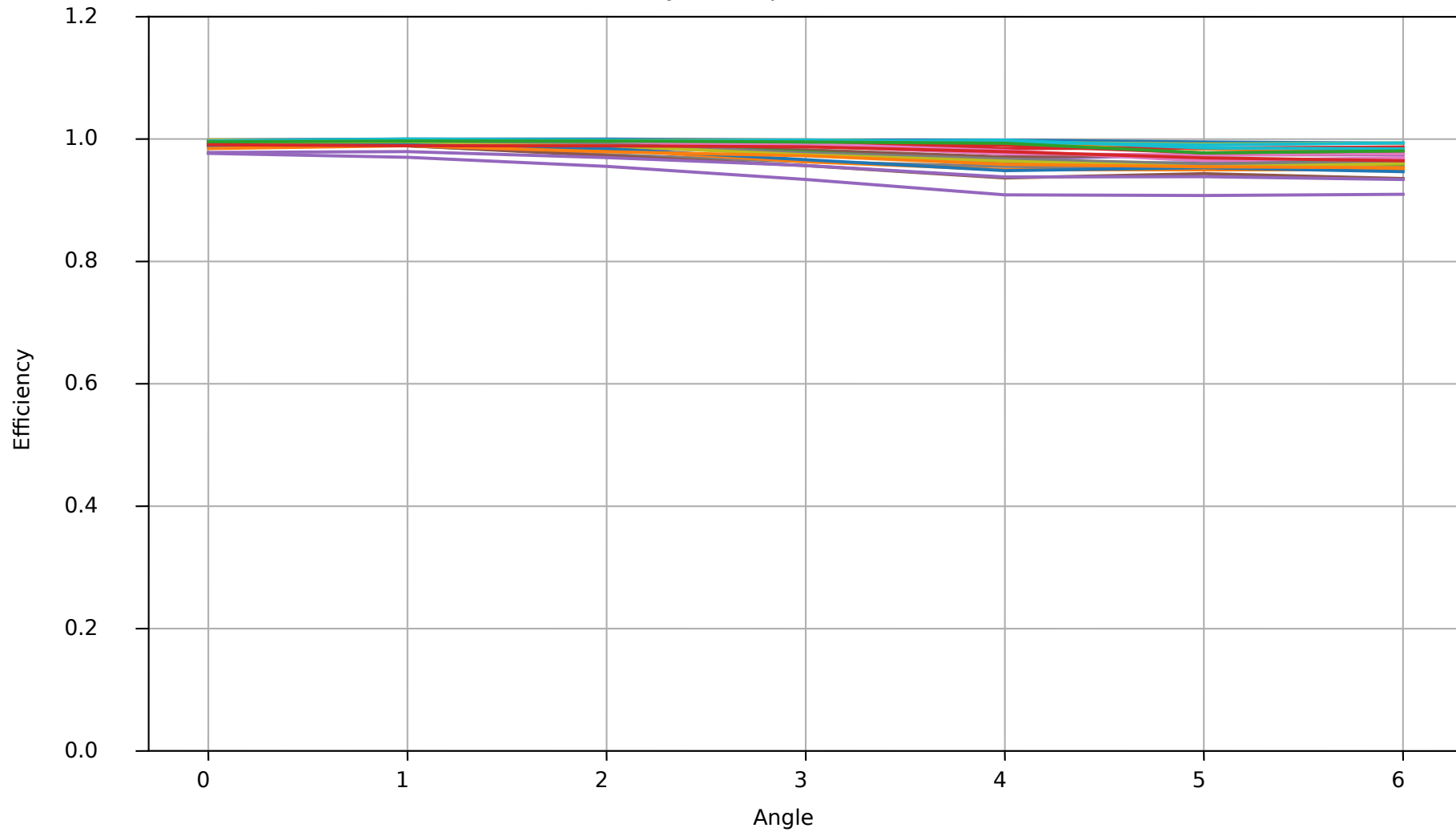
Angle #5



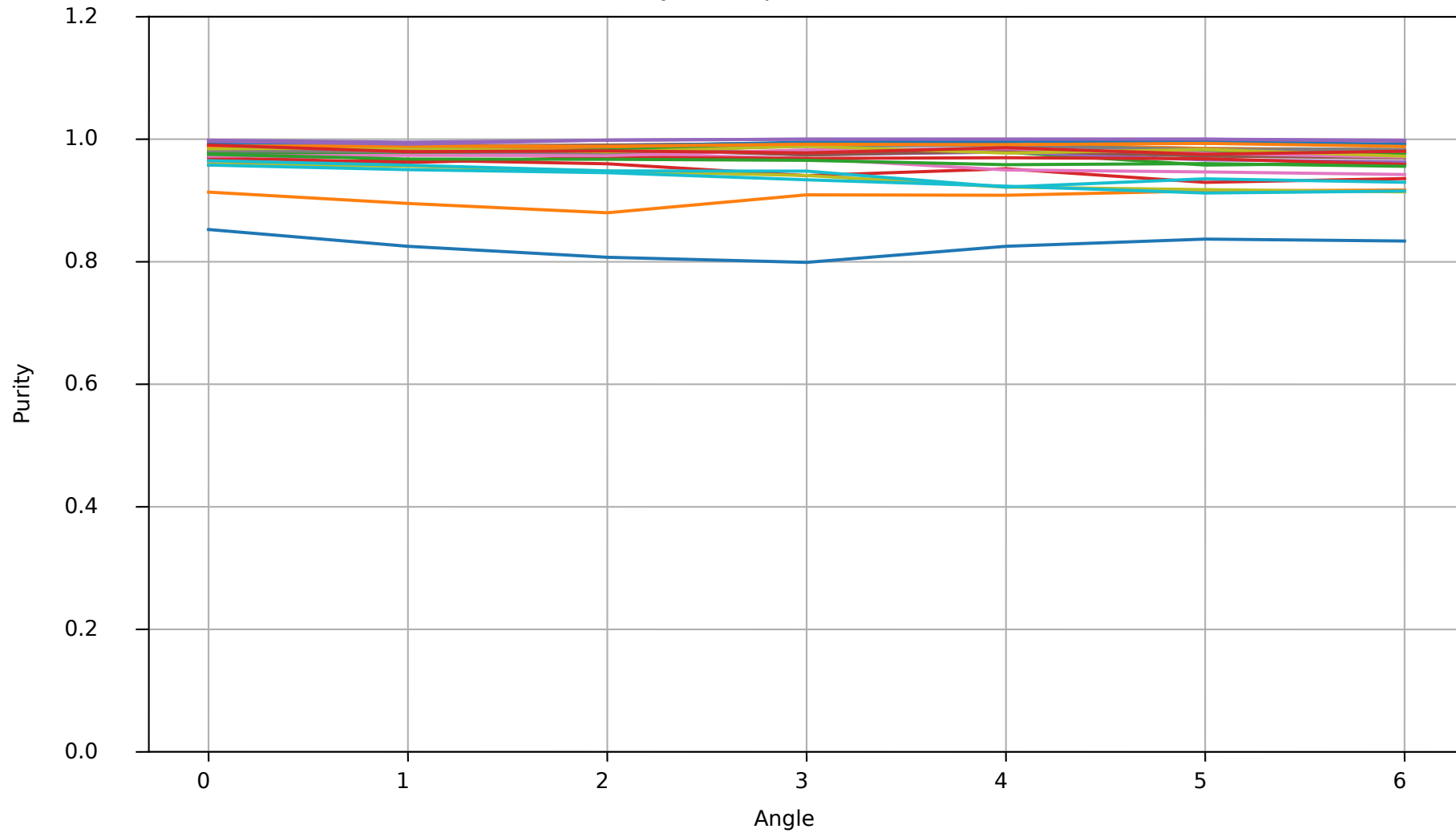
Angle #6



Efficiency -- all epochs

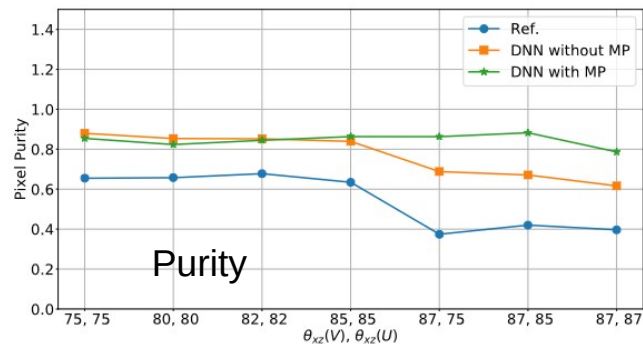
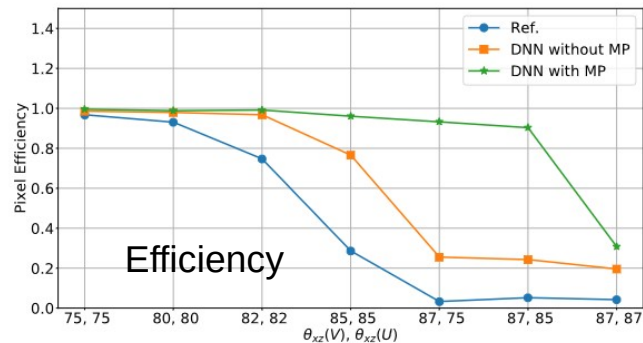
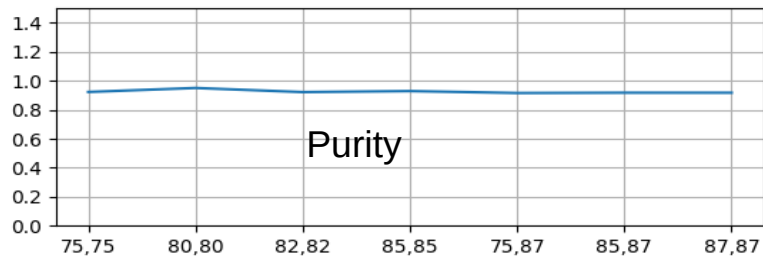
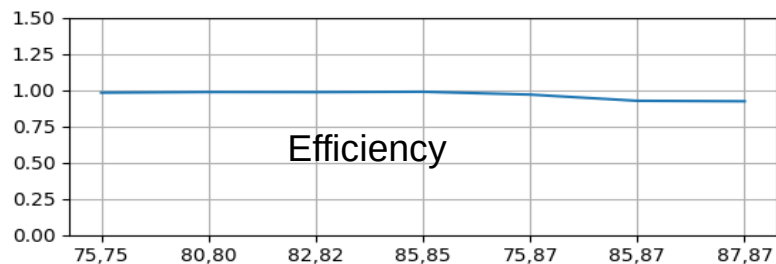


Purity -- all epochs



# Comparing to past results

## V Plane



# Comparing to past results

