Weak supervision of the classification of Omnijet-a

What I did:

Generative training

On QCD jets only (1 million)

Transformer backbone

Next-token prediction head

Weakly supervised classification training

• QCD only dataset ('background') vs.

dataset with QCD and tbqq (10%) ('data')

Transformer backbone

Classification head

Weak supervision of the classification of Omnijet-a

Results:

