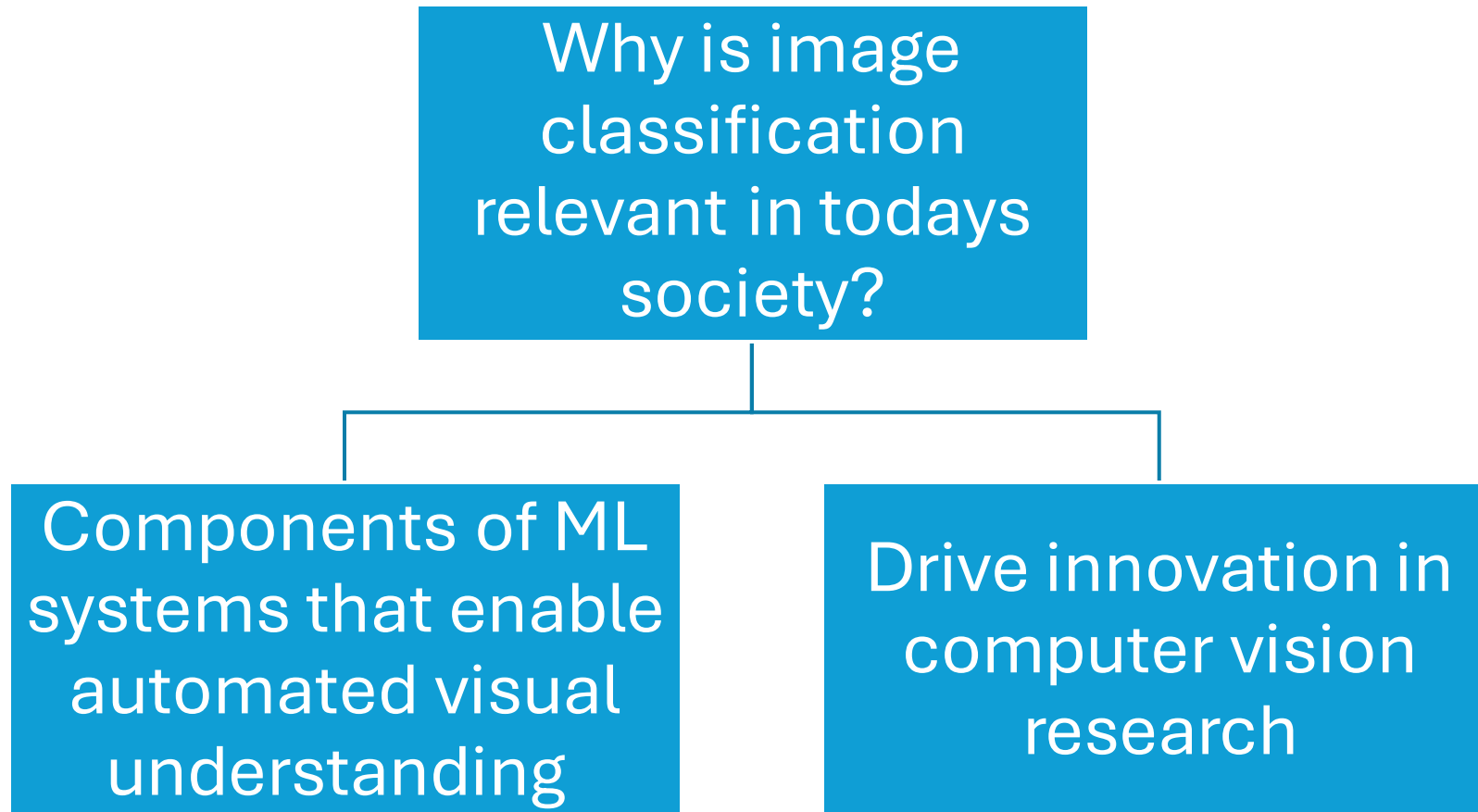


Berrijam Project

Justin Regoli, Keith Yang, Patrick Nasr, Mauricio Diaz Villarreal,
Daniel Lu

Overview



Selection of pretrained models

Microsoft Swin
model: uses window
shifting to analyse
data.

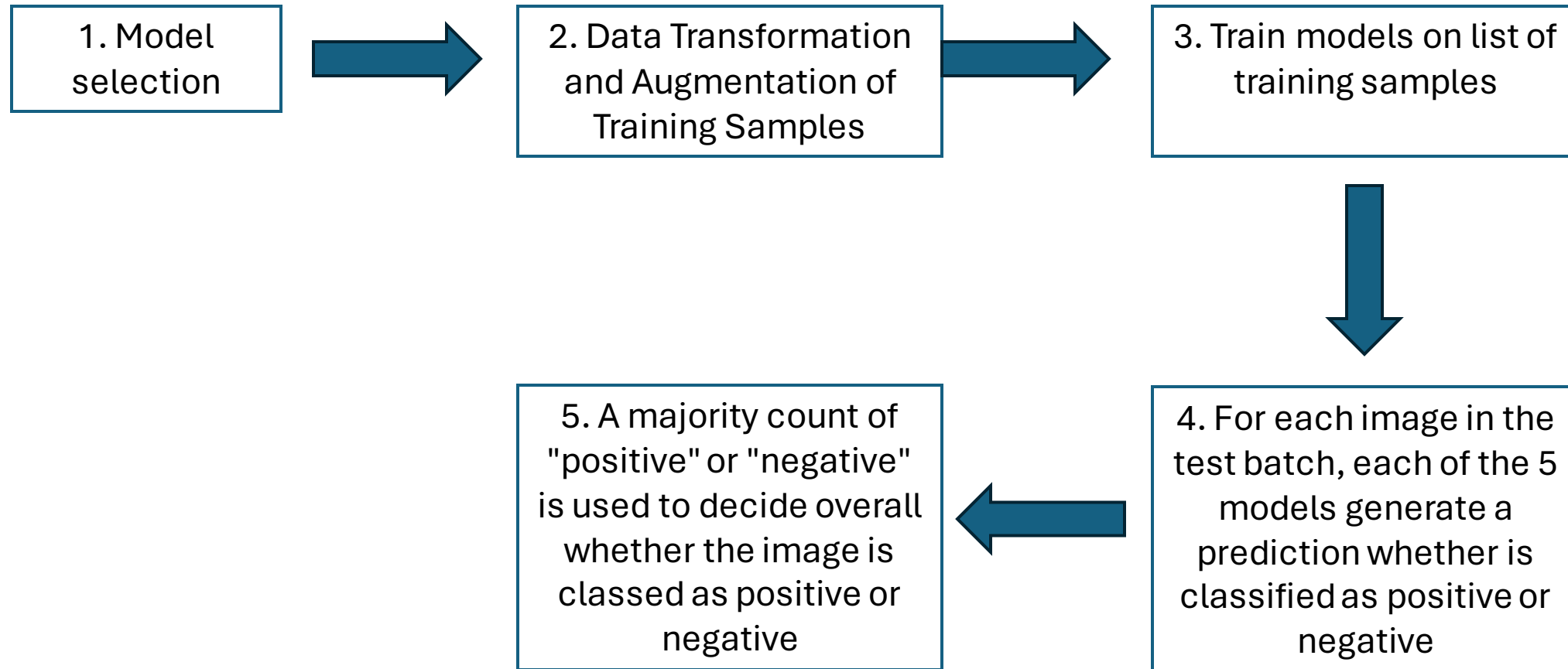
Google ViT:
Treats image
recognition like a
sequence prediction
problem

Caidas Swin:
Enhances resolution
of images before
applying Swin
transformers

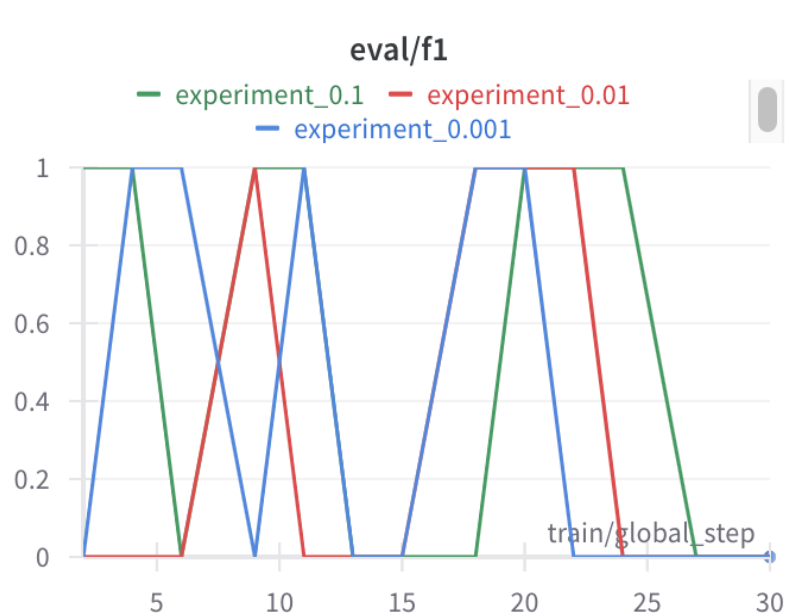
Facebook ConvNeXt:
Combines a CNN with
transformers

Microsoft Swin model
2: improved version of
model #1

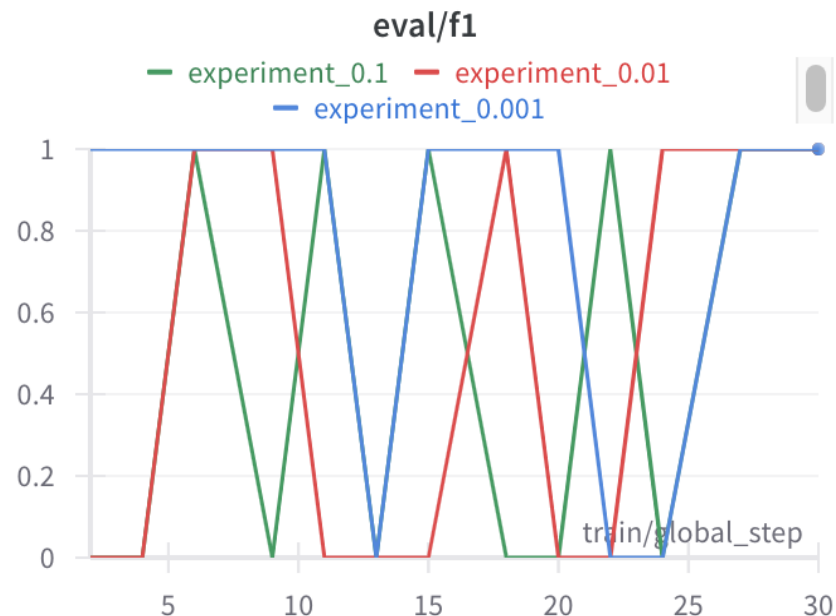
Methodology



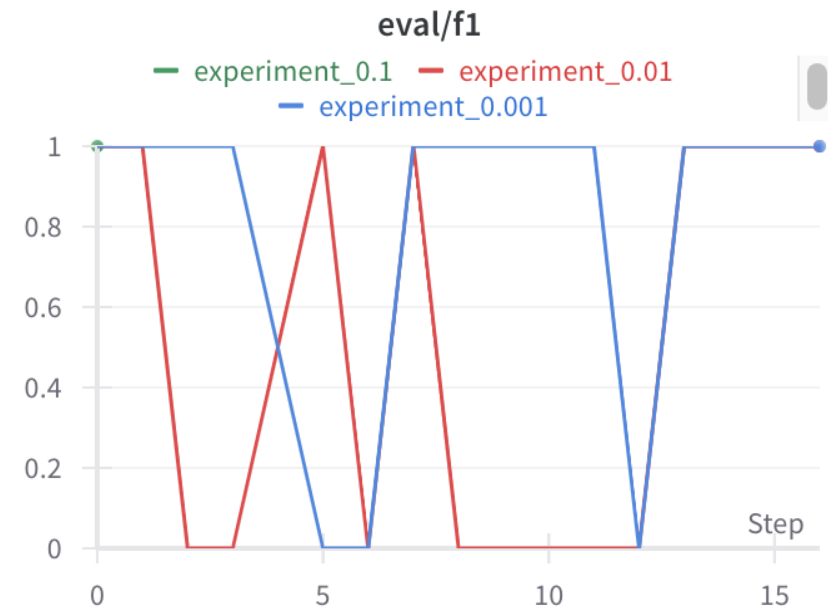
Results and Discussion



ViT



Swin



CNNs