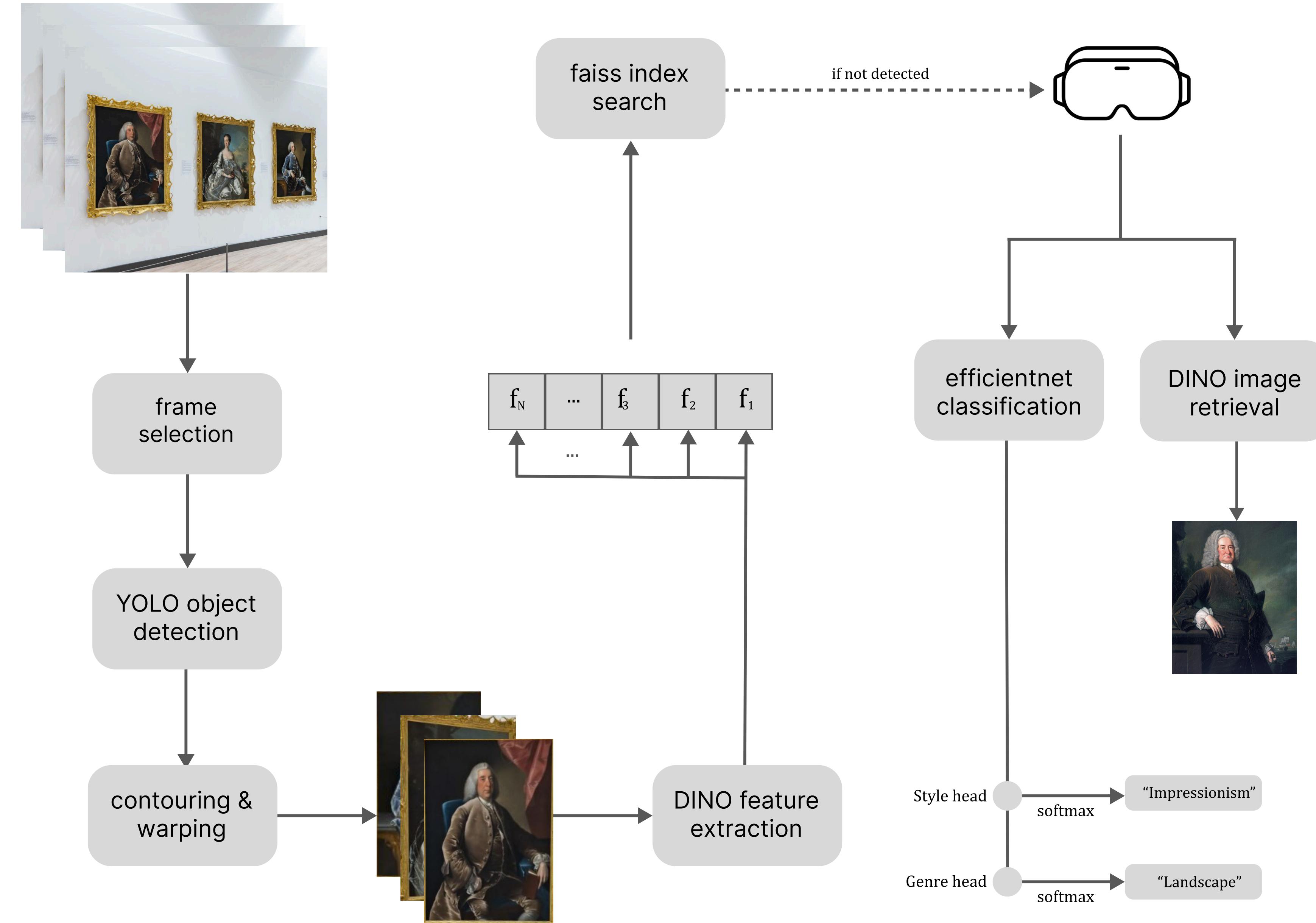


# VMART

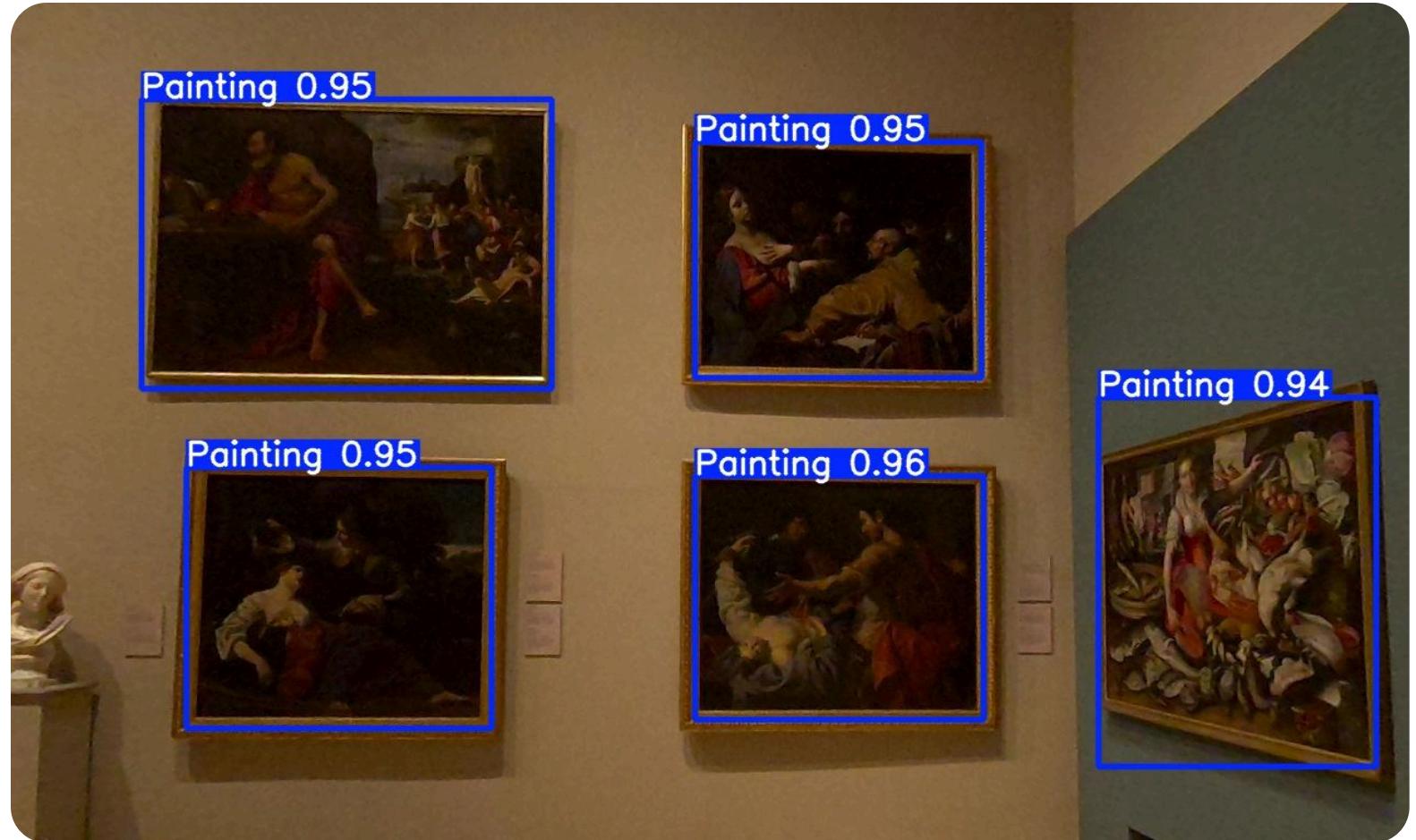
Rethinking Art Gallery Experience through Painting Detection,  
Classification and Retrieval

D. Bilardello - F. Melis - E. Prato

# Approach

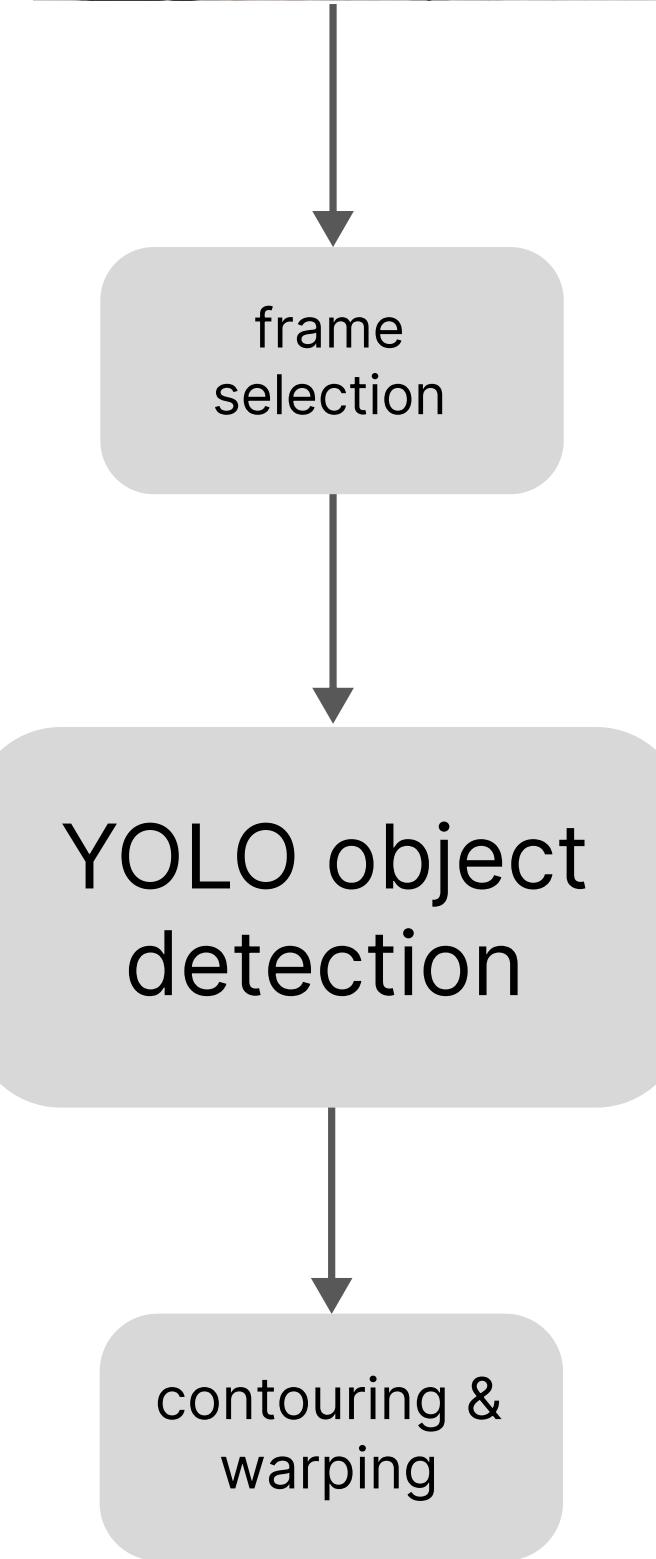
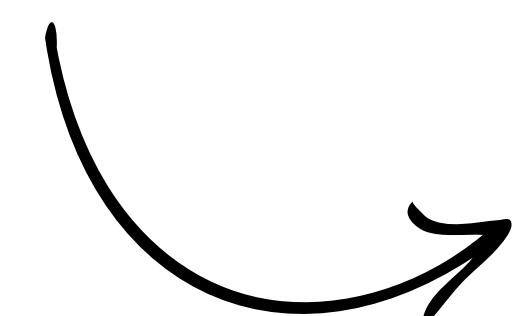


# Object Detection

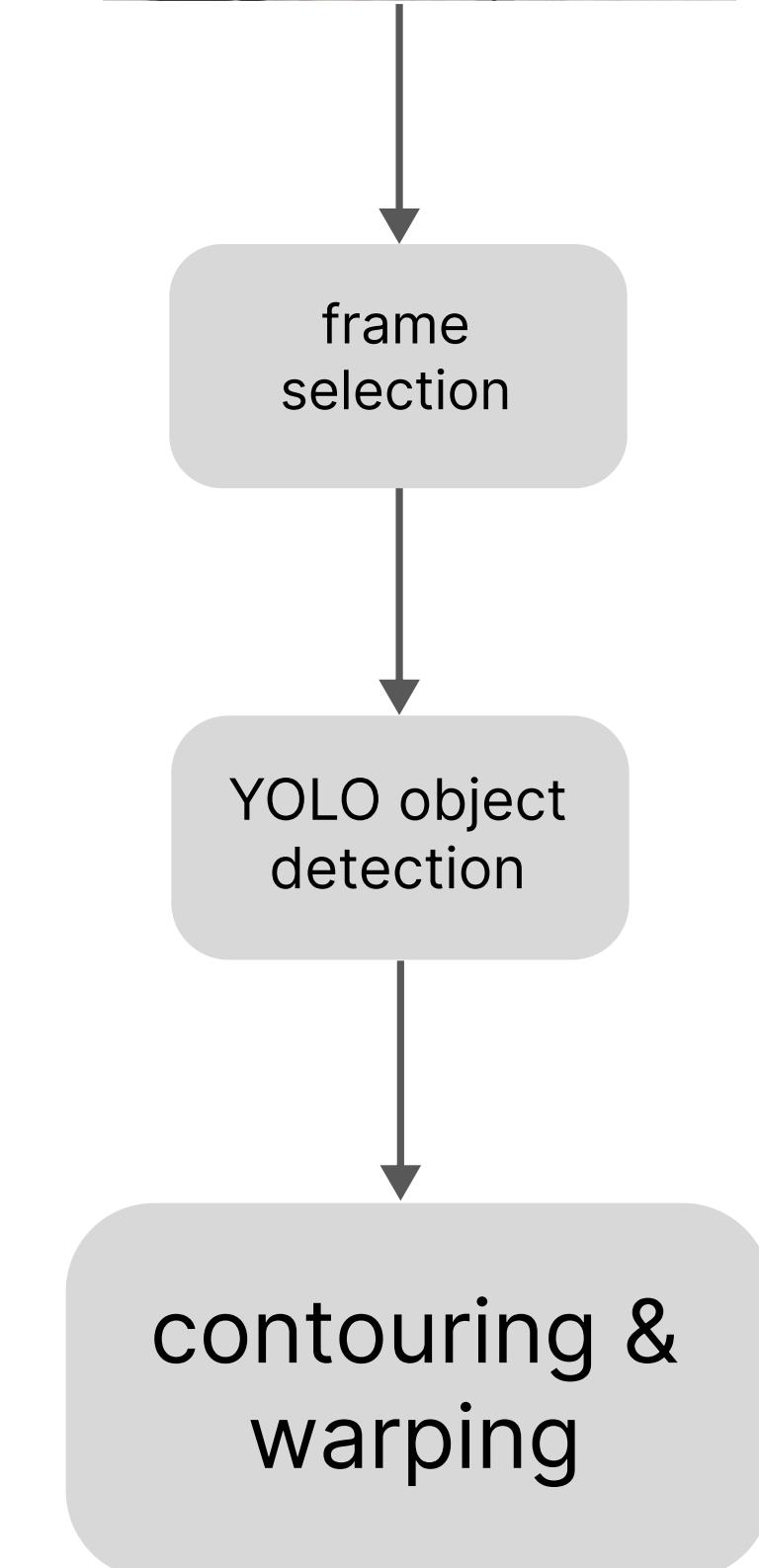
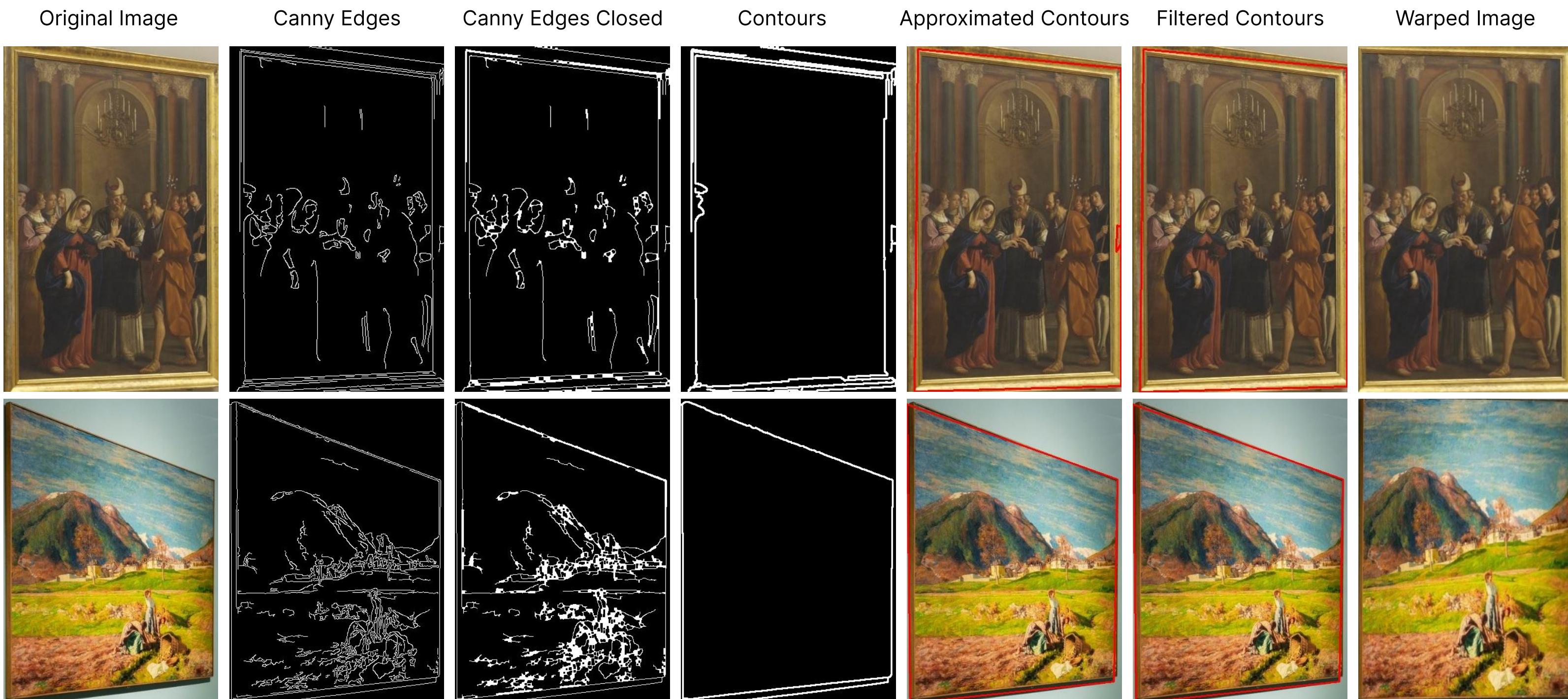


- Hough-based Detection
- Contour-based Detection
- YOLO Detection

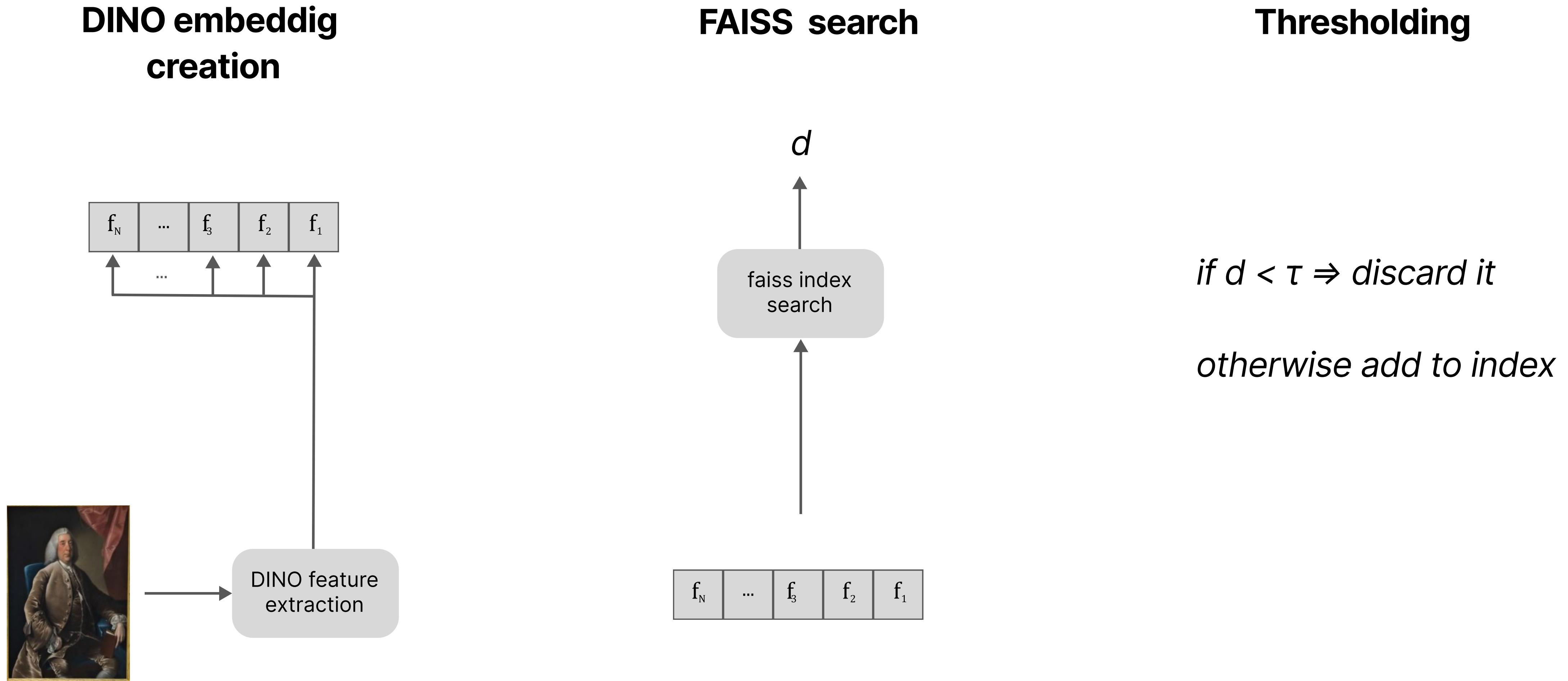
Results



# Transformation

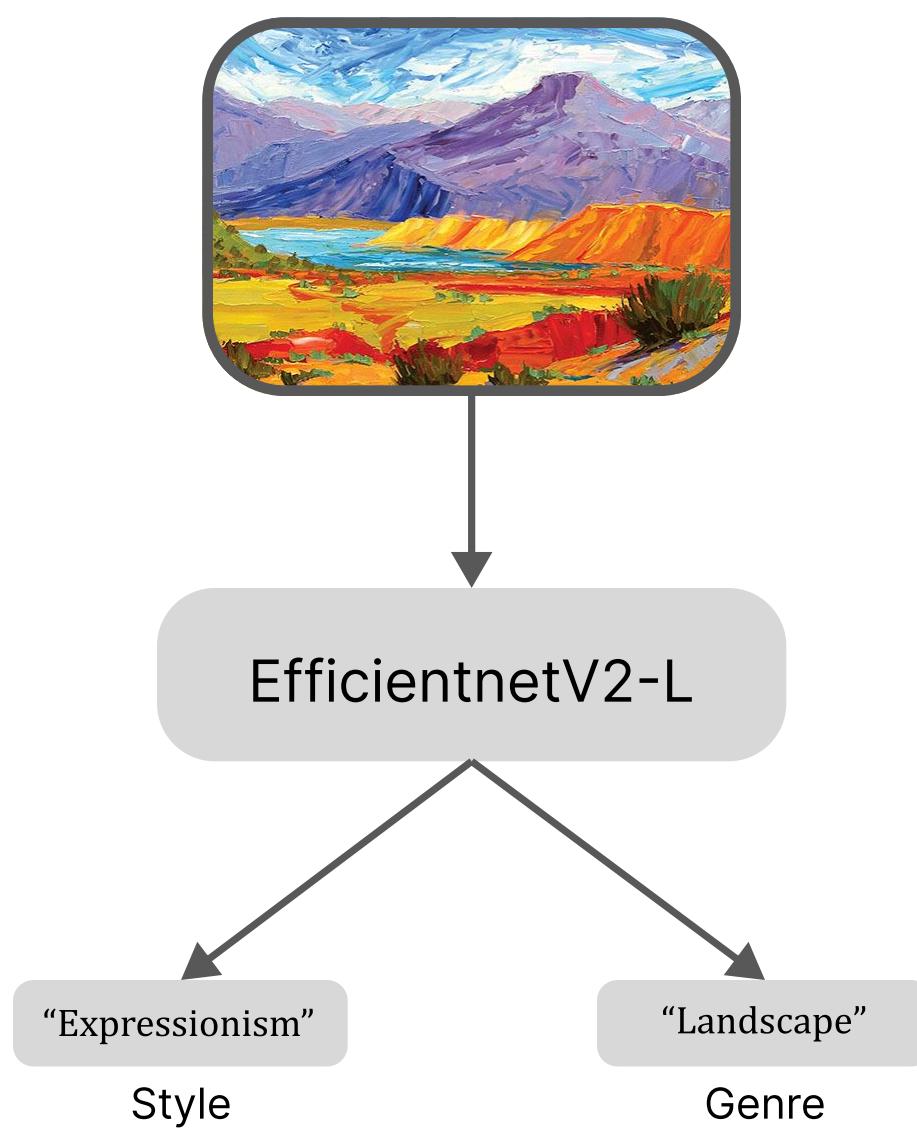


# Feature extraction



# Classification

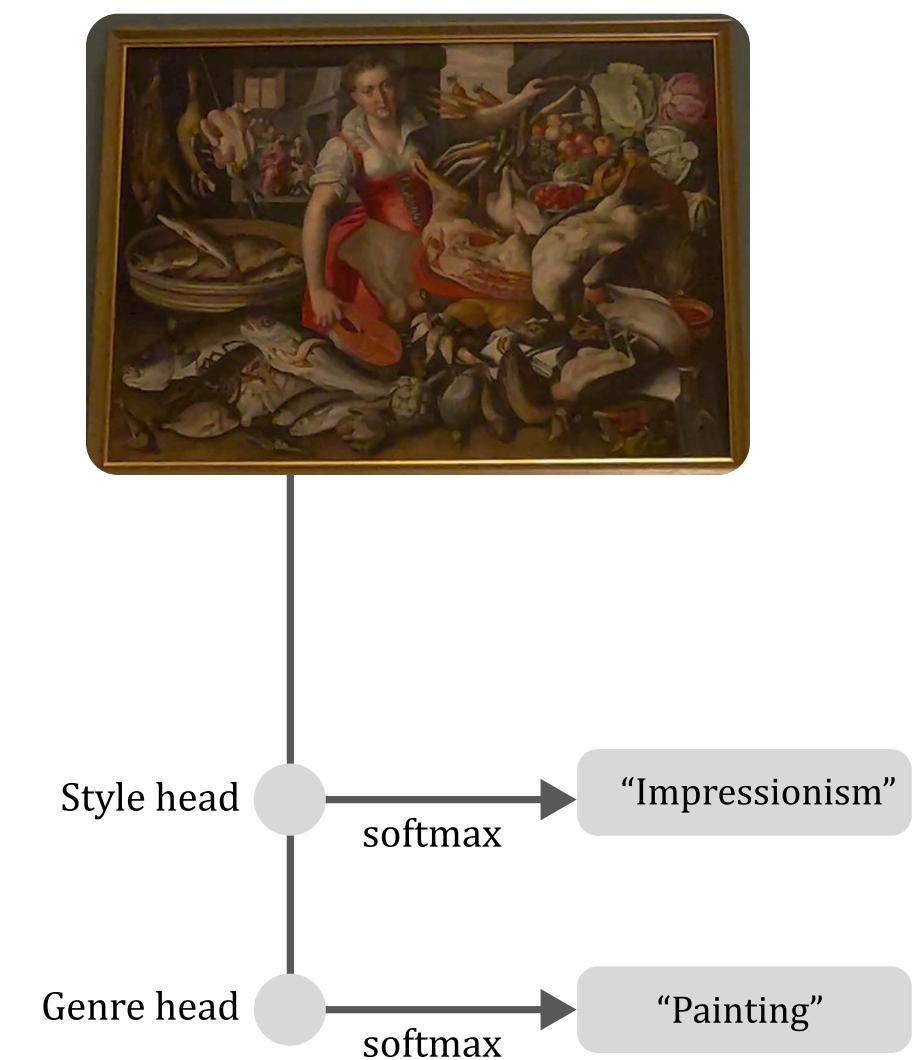
**Model**



**Dataset**



**Result**



# Retrival

Input

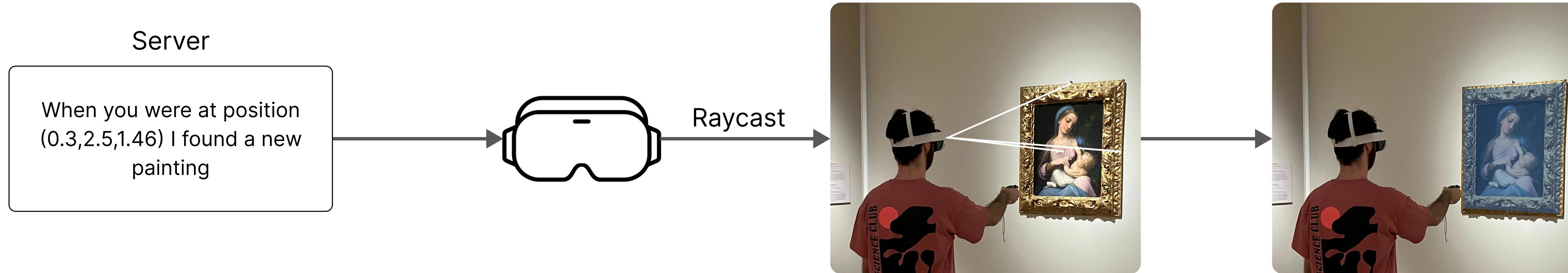


FAISS Search



Outputs

# Meta Quest interaction



**Result**



**Thanks for your <sub>self</sub> attention**