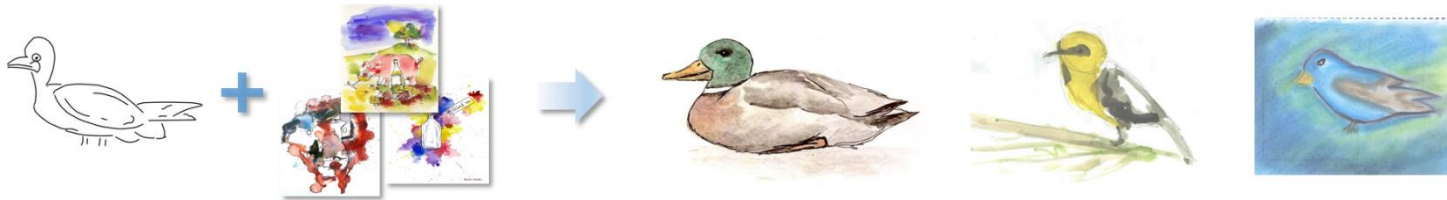


# Sketching with Style:

## Visual Search with Sketches and Aesthetic Context



J. Collomosse

T. Bui

M. Wilber

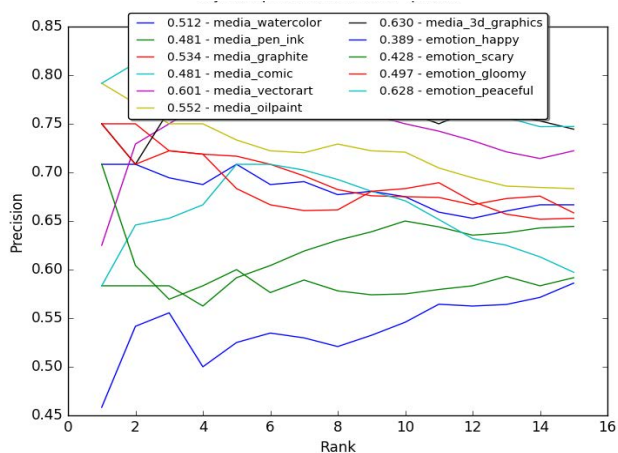
C. Fang

H. Jin

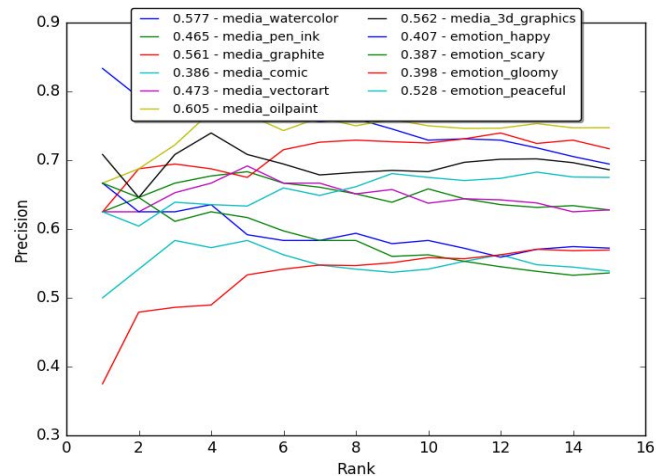
Supplementary Results

# Retrieval Precision @ K Curves – All Baselines (Table 2)

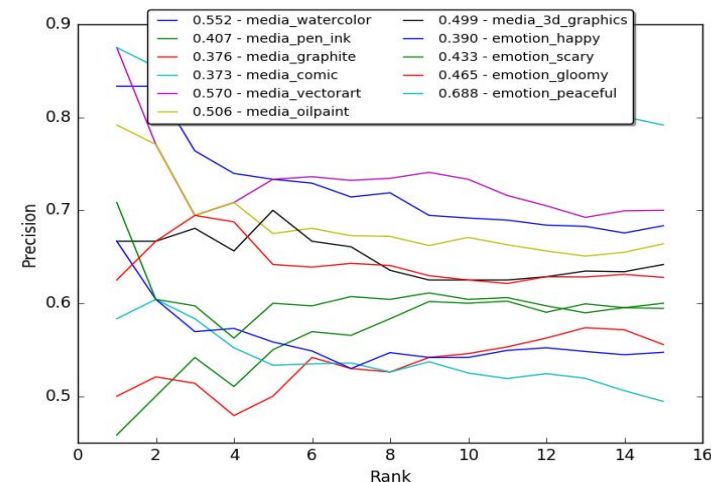
Proposed – combined 64-D (*ss-triplet-64*)



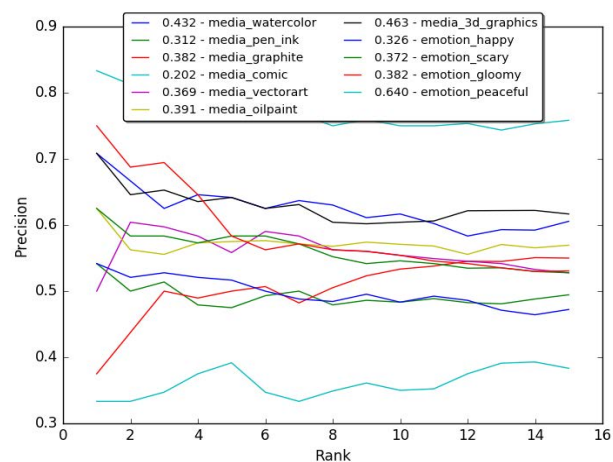
Proposed – combined 128-D (*ss-triplet-128*)



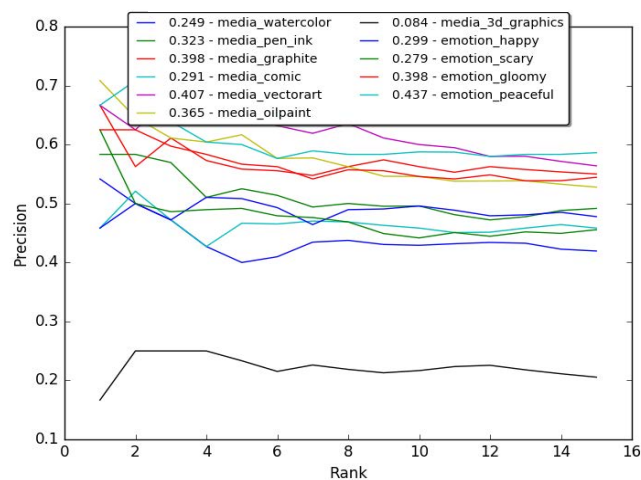
Proposed - concat only (*ss-concat*)



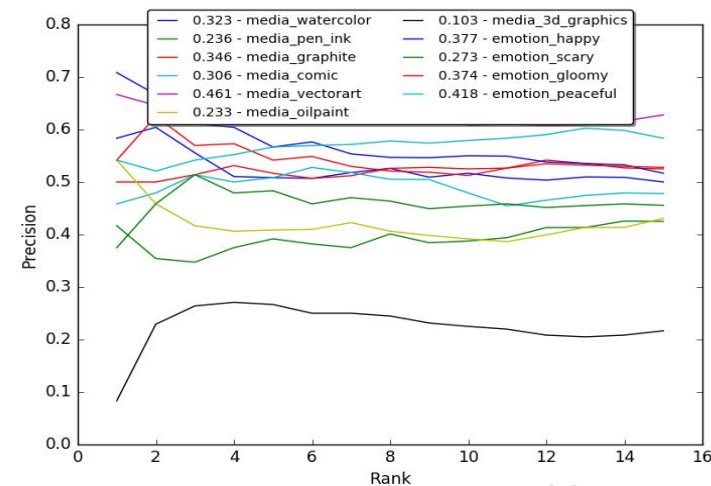
GoogLeNet [31]



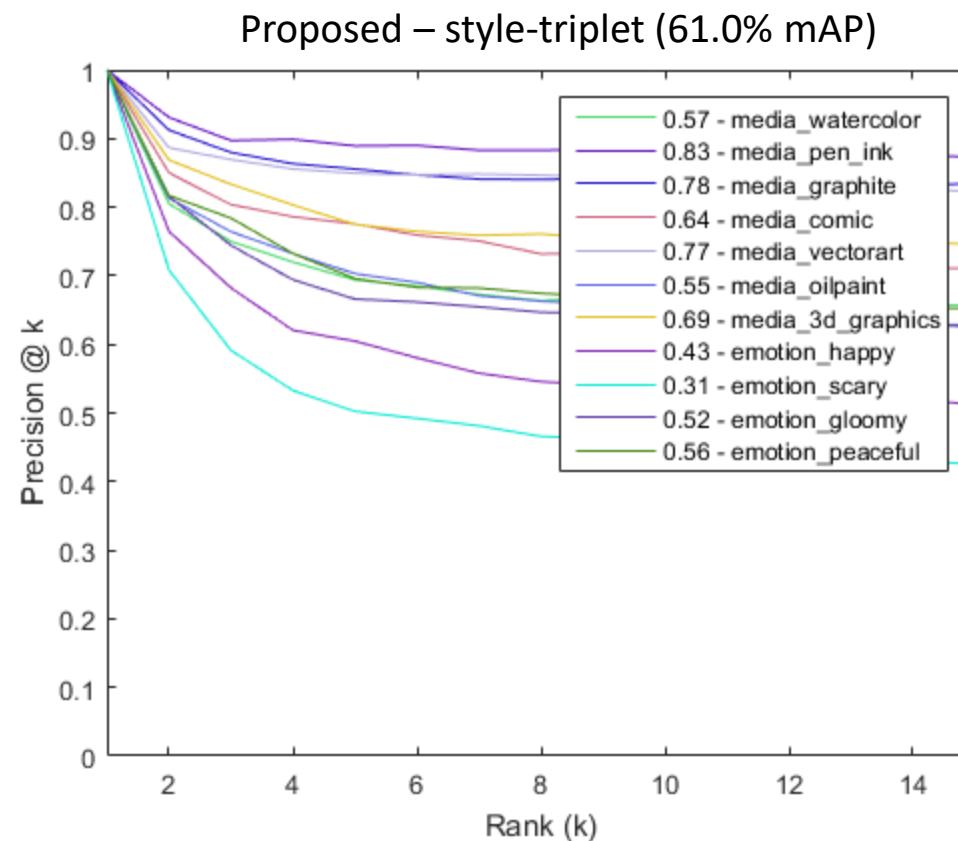
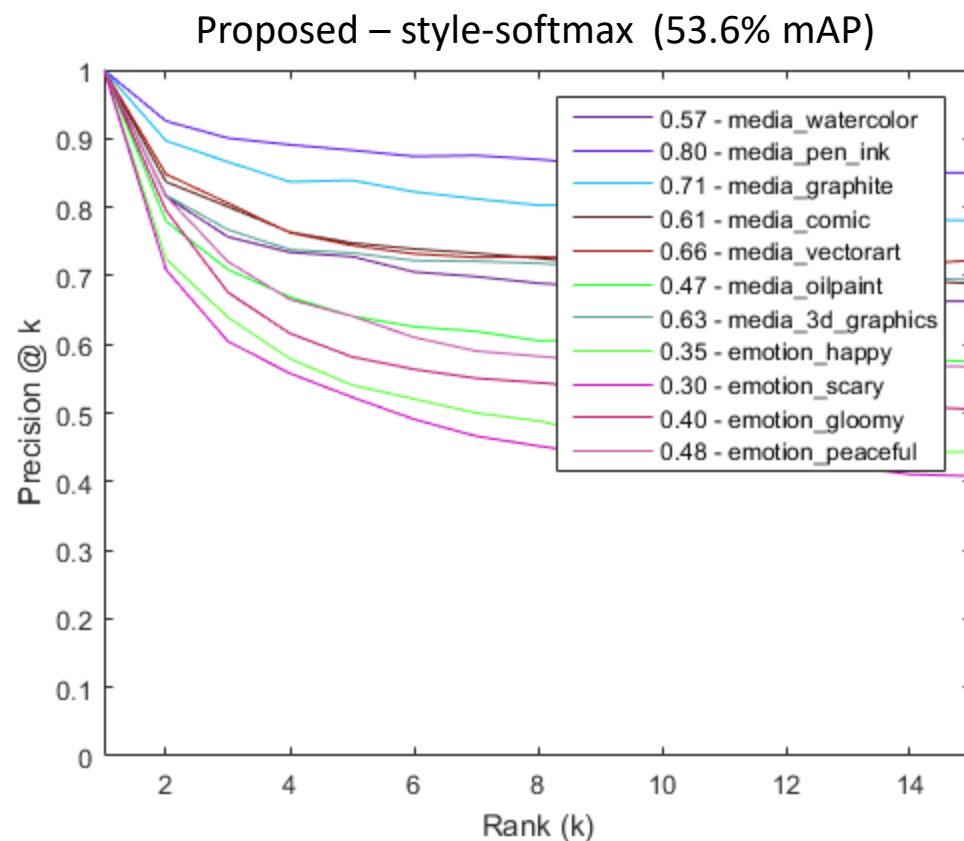
Gatys *et al.* [9]



Karayev *et al.* [15]

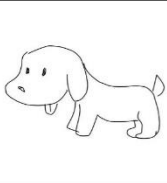











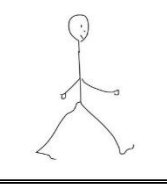



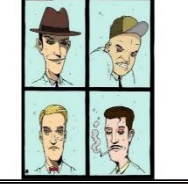





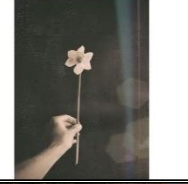





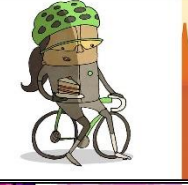







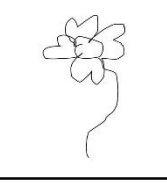











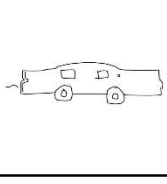

























# Style Only - Retrieval Precision @ K Curves (Table 1)



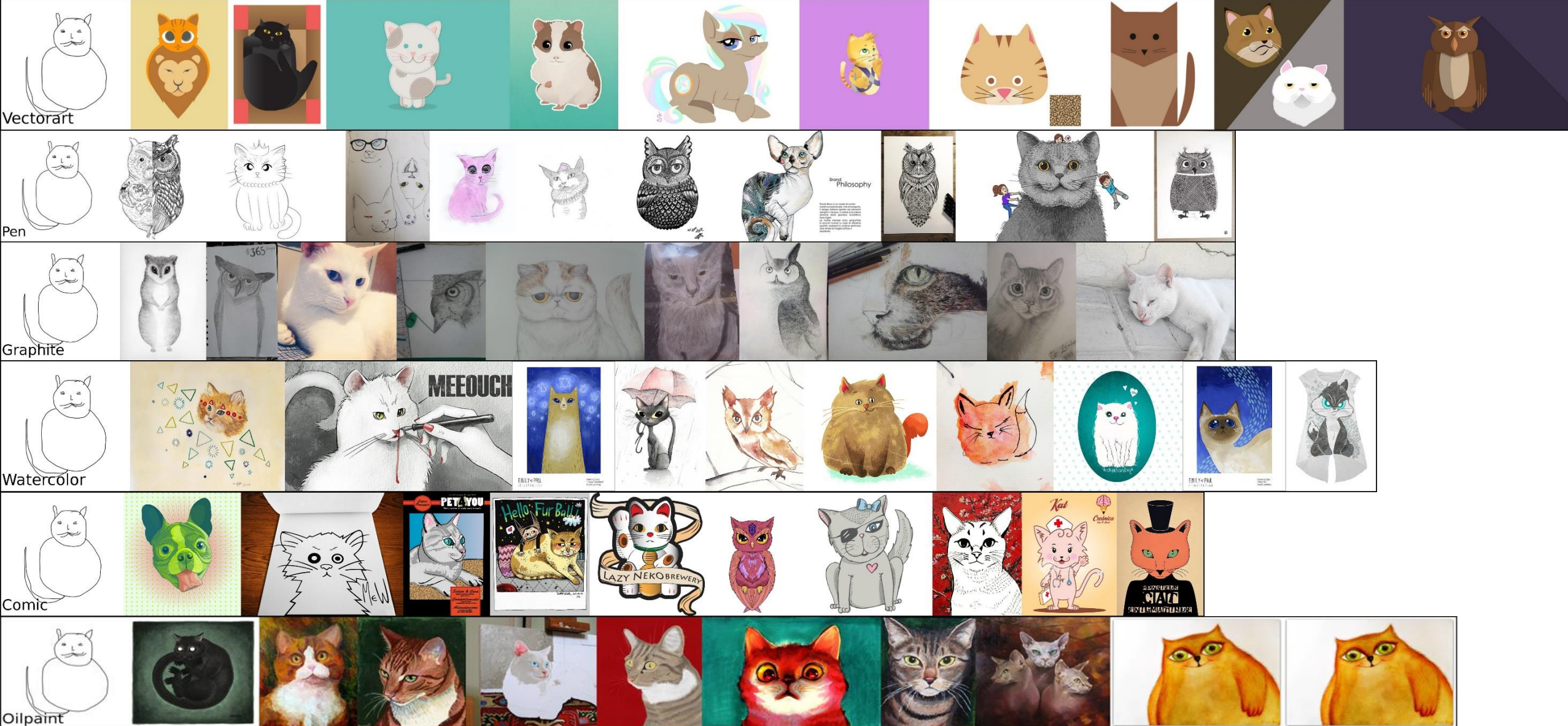


# Additional Retrieval Results (Top-1 for various queries, per Fig. 11)

Query	Watercolor	Pen and Ink	Graphite	Comic	Vectorart	Oil paint	3D Graphics	Happy	Scary	Gloomy	Peaceful
											
											
											
											
											
											

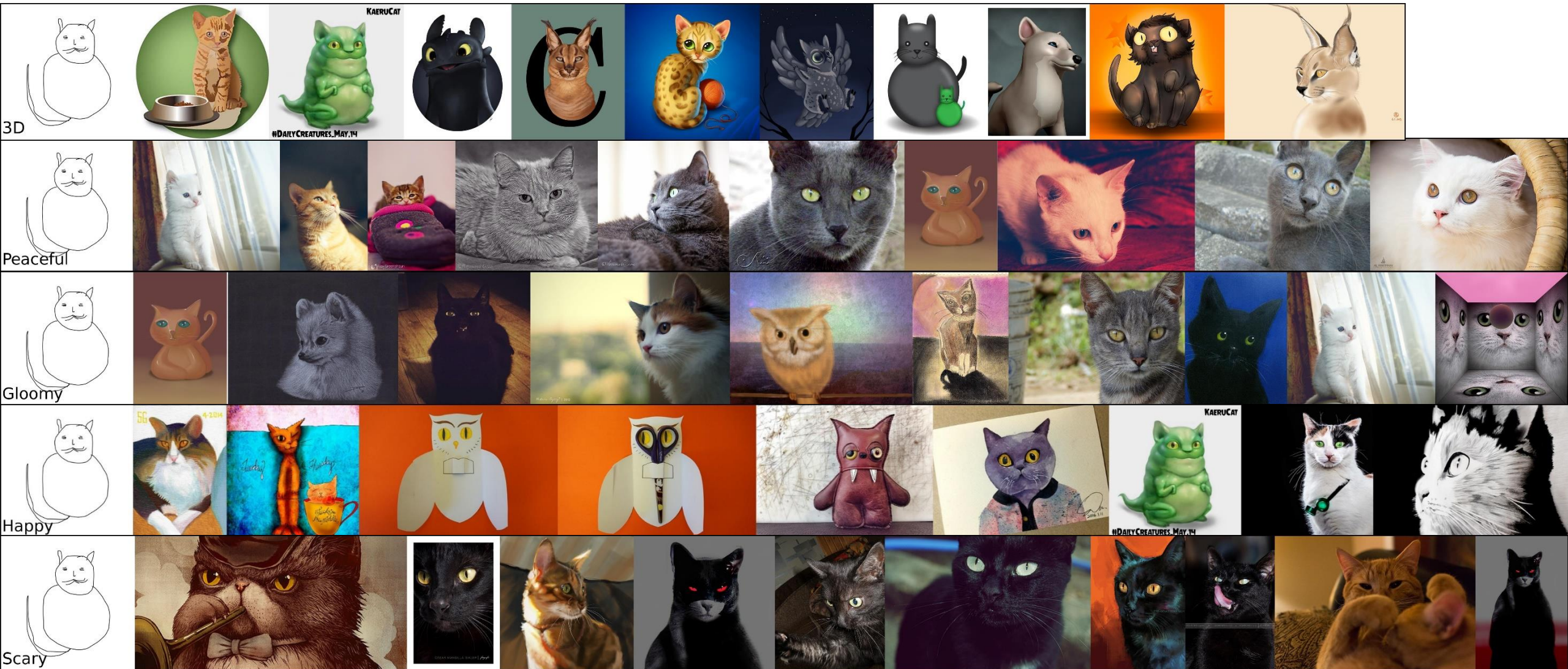


# Additional Retrieval Results (Top-n for constant query, per Fig. 6)



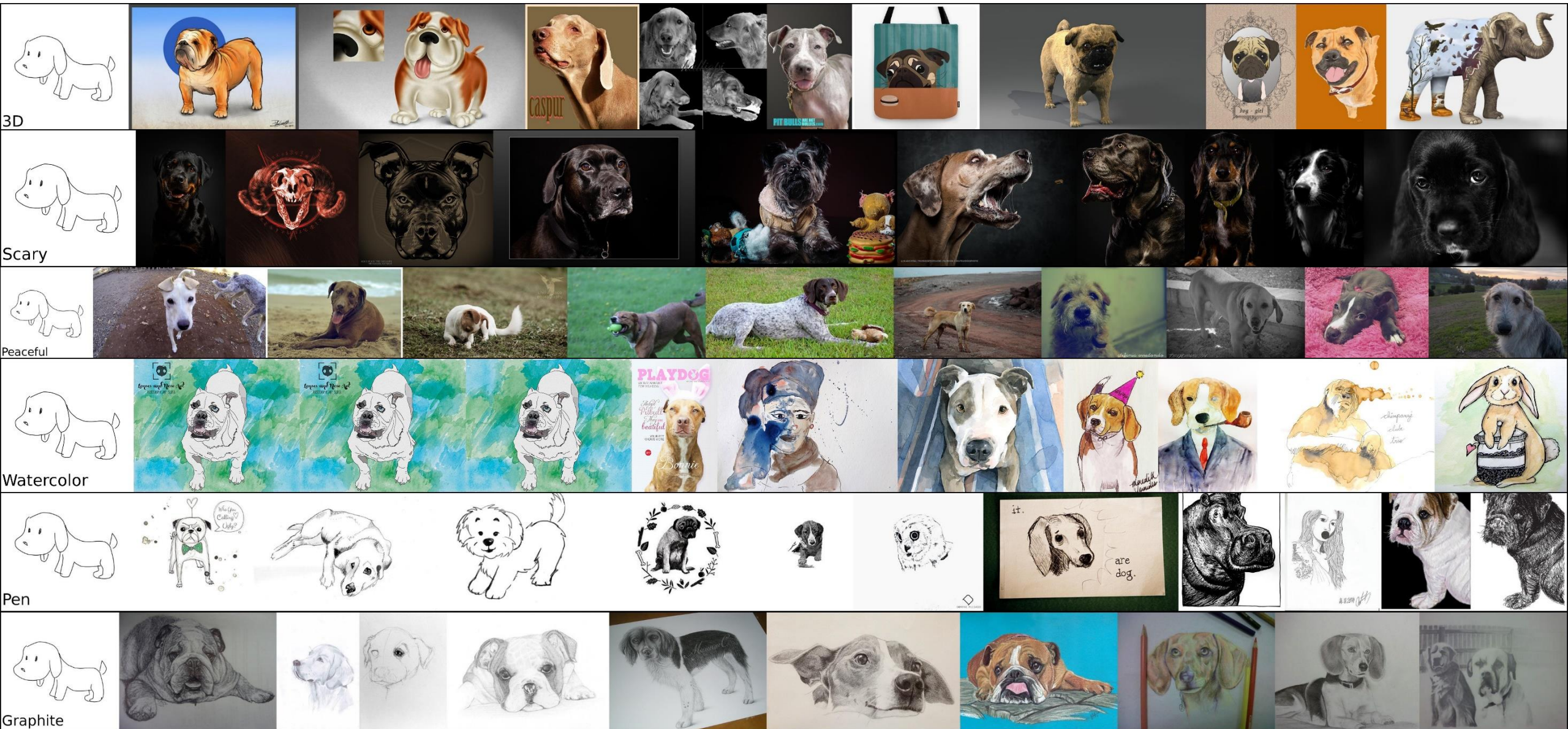


# Additional Retrieval Results (Top-n for constant query, per Fig. 6)





# Additional Retrieval Results (Top-n for constant query, per Fig. 6)





# Blended Styles (Zoomed, Figure 9)

