

# 8/18 meeting

應名宥

# hyper-parameter

- `it` : 2.5 [0.5, 1.25, 2.5, 3.75, 5]
- `ii` : 1.25 [0.5, 1.25, 2.5, 3.75, 5]
- `h` : 0.2 [0, 0.1, 0.2, 0.5, 1]
- `clip mask` : 0.2 [0, 0.05, 0.1, 0.2, 0.5]

**S00**

text-image similarity

# compare

a city street line with brick  
buildings and trees.

population :100  
offspring :100  
generaton :50

左圖為  
random 產生

右圖為最佳化  
結果



img-txt : 26.78, real : 88.02

img-txt : 31.27, real : 89.37

a city street line with brick buildings and trees.

population :100  
offspring :100  
generaton :1000



img-txt : 31.20, real : 55.21



img-txt : 33.97, real : 60.80

a dog and a cat are sitting on an orange sofa.

population :100  
offspring :100  
generaton :1000



img-txt : 34.57, real : 68.92



img-txt : 35.50, real : 92.88

# moo

text-image similarity  
image real score  
word-label similarity



a city street line with brick buildings and trees.

population :100  
offspring :100  
generaton :1000



img-txt : 32.28, real : 96.88

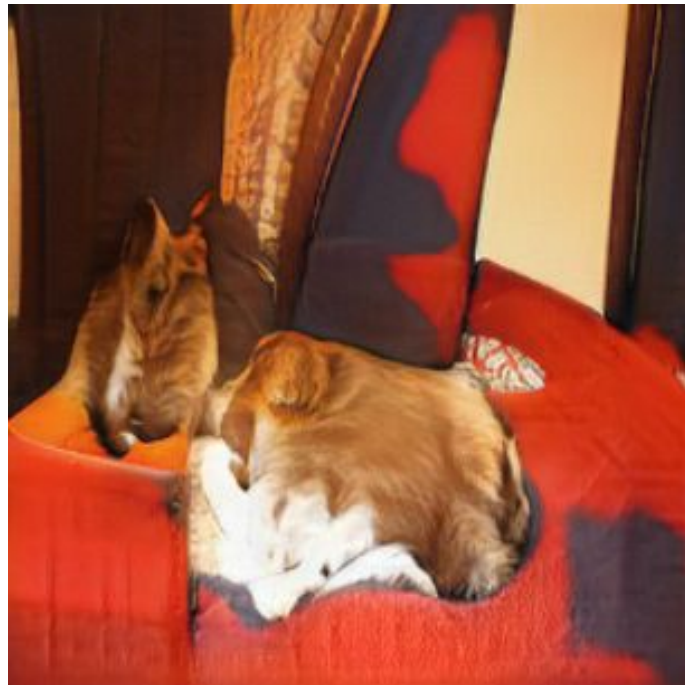


img-txt : 32.61, real : 98.02

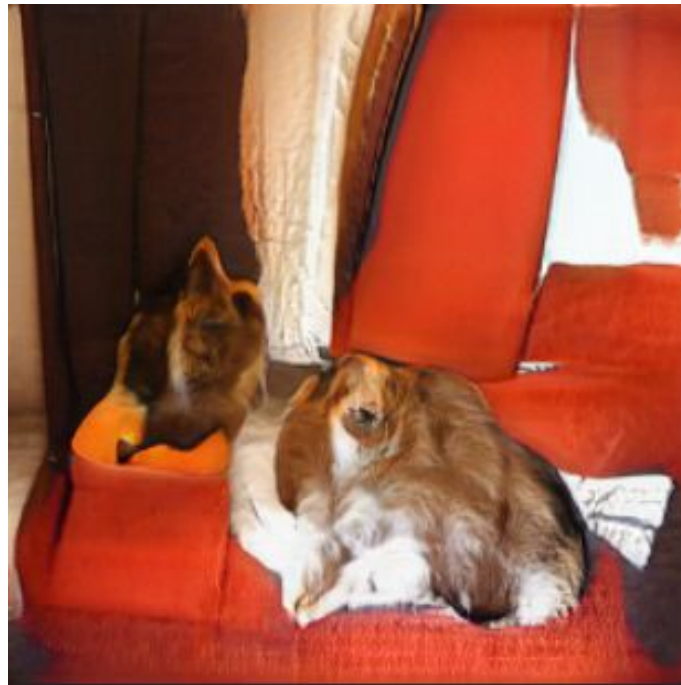


a dog and a cat are sitting on an orange sofa.

population :100  
offspring :100  
generaton :1000



img-txt : 34.39, real : 99.63



img-txt : 34.03, real : 99.84





