



Query

- d=0 A beautiful painting of a white plane with a blue tail.
- d=0 A red and blue plan on the runway getting ready to get passengers.
- d=0 A airplane in the overcast gray sky over tarmac.
- d=0 An commercial airplane is flying high in the sky.
- d=1 A large airplane flies overhead through the sky.

Top-5



Query

- d=0 A group of giraffes standing near each other.
- d=0 A large giraffe is standing in a vast green field.
- d=0 A giraffe walking through dead bushes and grass.
- d=0 A giraffe stands tall beside a tree in a barren area.
- d=1 A couple of giraffes are standing in the wild.

Top-5



Query

- d=0 a man flying through the air while riding a snowboard.
- d=0 Two people are up in the air doing a jump on a snowboard.
- d=0 A person on a snow board high in the air.
- d=0 A snowboarder is in the middle of a jump through the air.
- d=0 A man is doing a trick on a snowboard.

Top-5



Query

- d=0 A cat sitting by a laptop but staring at a person.
- d=0 A cat sleeps with its head on a laptop computer.
- d=0 A grey cat rest next to a laptop with his paw on the keyboard.
- d=0 A laptop on a desk with a cat laying on it.
- d=0 A cat sitting next to a laptop computer on a table.

Top-5



Query

- d=0 people enjoy swimming in the waves of the ocean on a sunny day at the beach.
- d=0 Two people standing on the beach with surfboards.
- d=0 A person standing on a surfboard in the water.
- d=0 Two surfers at the beach standing at the coastline.
- d=0 Surfer heads to the sea with his surfboard.

Top-5



Query

- d=0 A clock on a building tower with turret rooms.
- d=0 A large clock is mounted to the side of a building.
- d=1 Looking up at a stone and brick clock tower.
- d=1 clock tower that is lite up in the dark.
- d=2 A large tower with a clock looms over a park.

Top-5

(a) Image-to-text retrieval



1 d=1



2 d=1



3 d=1



4 d=1



5 d=1

Query:A bus that is sitting in the street.



1 d=0



2 d=0



3 d=1



4 d=1



5 d=1

Query:A pizza sitting on a pizza pan on top of a wooden table.



1 d=0



2 d=0



3 d=0



4 d=0



5 d=1

Query:A person wearing winter gear flies over a hill, while on a snowboard.



1 d=1



2 d=1



3 d=1



4 d=1



5 d=1

Query:A large clock tower towering above a city with clocks on every side.



1 d=1



2 d=1



3 d=1



4 d=1



5 d=1



1 d=0



2 d=0



3 d=0



4 d=0



5 d=0