



CLIP Image
Encoder

CLIP Text
Encoder

Neg	Pos
0.10	0.70
0.20	0.58
0.71	0.34
0.13	0.82

softmax
pos vs neg

Pos
0.64
0.59
0.41
0.67

Joint
probability

Pneumonia
Reasoning:

0.57

0.67

0.64

0.59

0.41

Joint Probability

interstitial opacities

consolidation of lung tissue

air bronchograms

cavitation

Observations indicating Pneumonia:

consolidation of lung tissue
pleural effusion
air bronchograms
cavitation
interstitial opacities

no consolidation of lung tissue
no pleural effusion
no air bronchograms
no cavitation
no interstitial opacities