Age, Gender

Confounding Factors

1

Concatenation

2

Complaints

000000001　男
1999/10/29

咳嗽发热、畏寒、
活动后气促伴心悸
20余天。

Word2vec

LSTM

Detection Loss
Φ

Dropout

Dropout

Regression

3

**Image
Slices**

LW

HA

LA

**Three-Channel
Transform**

ResNet

ResNet

ResNet

ResNet

LSTM

Feature Learning

LW : Lung Window
HA : High Attenuation Window
LA : Low Attenuation Window