Age, Gender

Complaints

Word2vec

LSTM

Image Slices

LW

HA

LA

Three-Channel Transform

ResNet

ResNet

ResNet

ResNet

LSTM

Concatenation

Dropout

Dropout

Dropout

Auxiliary Loss

Φ2

Detection Loss

Φ1

000000001 男
1999/10/29

咳嗽发热、畏寒、
活动后气促伴心悸
20余天。

$Loss = (1 - \omega)\Phi1 + \omega\Phi2$

Feature Learning

Regression