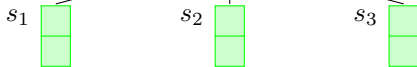


Extract Labels



Sentence Embeddings



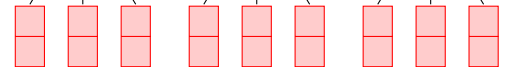
Sentence  
Extractor Net  
 $g(s_1, s_2, s_3) \rightarrow y_1, y_2, y_3$



Sentence  
Encoder Net  
 $f(w_1, w_2, w_3) \rightarrow s$

Word Embeddings

(Pre-trained Glove Embeddings)



$w_{1,1}$   $w_{1,2}$   $w_{1,3}$

$w_{2,1}$   $w_{2,2}$   $w_{2,3}$

$w_{3,1}$   $w_{3,2}$   $w_{3,3}$

Sentence 1

Sentence 2

Sentence 3