4 March 2023 14:14

Each word is taken an Speaker, word?

$$n_i = W_i t_i // \sum_{s \in S_i} W_s s$$

BILSTM

< word, speaker > Embedding

^ orgmon

dense

$$h: X$$
 $w.$
 $|h| \times |e| = k$

Similarity

$$softman(corine(E, e;))$$

$$E = W_s$$

|h| = 459 k = 134

e; = W. h; + b

372 entities

Lest

347 scener 47 epi 13,280 mention

74 scener 40 epi 2,429 mentions 106 entities

Parameters

- random search over hyperparameter to marinise F-1.

Batch

- given to model in church at 757 taken

-> Initialized to Word 2 Vec

- 300 dim word ver

- Google News word ? vec [skipgram]

Milkov et al, 2013

Drapout 810^{-3} to input of π : 13 x 10-4 " " hi

For the final submission of the answers for the test data, we created an ensemble model by averaging the output (Eq. 3) of the five models trained on the different folds.

Random initialization

eq 3
$$\rightarrow$$
 0; = Soft Man (Corine (E, e;])
 $O_{i} = \sum_{j=1}^{5} O_{ij}$ $i \Rightarrow index of word$
 $j \Rightarrow model num$
 $\hat{C}_{jin,1} = argman(O_{jin,i})$

All entries

67 classes $\{r_i : count(r_i) > 3 : r_i \in \mathbb{R}\}$ refreses 1 - other