

Model	P	R	F1	W-F1
PMOA-cite				
SPC + Roberta	0.890	0.845	0.867	0.949
ACL-cite				
SSM (16 sentences) + Roberta	0.807	0.650	0.720	0.939
SSM (16 sentences + section) + Roberta	0.806	0.660	0.726	0.940

Table 1: Performance on Validation Set. SPC: Sentence-Pair Classification, SSM: Sentence Sequence Modeling. P, R, and F-1 are precision, recall, and F-1 scores for the cite class ( $l_c$ ). W-F1 is the weighted-F1 on entire test dataset.

Layer	Total Parameters
<b>SC</b>	
Roberta Contextual Embedding	125 Million
Feed Forward Network	768
<b>SPC</b>	
Roberta Contextual Embedding	125 Million
Feed Forward Network	768
<b>SSM</b>	
Roberta Contextual Embedding	125 Million
Bi-LSTM	2.7 Million
Feed Forward Network	256

Table 2: Total number of parameters by layers for all three architectures. SC: Sentence Classification, SPC: Sentence-Pair Classification, SSM: Sentence Sequence Modeling.

## A Regular expressions

Following are the regular expressions used for extracting citations from from the ACL corpus:

```

author = "(?:[\p{Lu}][\p{Lu}\p{Ll}]'[- ]+)"
etal = "(?: et al. ?)"
additional = "(?:,? (?: (?: and |& )?)+
author + "l" + etal + ")"

year_num = "(?:19|20)[0-9][0-9][a-z]{0,1}"
page_num = "(?:, p. ? [0-9]+)?"
yp = year_num + page_num
year = "(?:[, ]{0,1} *"+yp+
"l *[\(\)(?:[, ]{0,1} *"+yp+
")+[\(\)])+"

Regex = "(" + author + additional + "*" + year + ")"

```

Below are examples of some types of citations captured by these expressions:

- Brown et al (1993)
- (Langlais et al, 2000)
- (Wu, 1994)
- Wu (1995)
- (Brown et al, 1991; Gale and Church, 1991)
- (Kay and Roscheisen, 1993; Chen, 1993)
- (Brown, 1999a)

## B Performance on Validation Set

Table 1 illustrates the performance achieved by the proposed models on the validation sets for PMOA-cite and ACL-cite datasets. Validation numbers are very close to the ones achieved on the test set and the trends are also in-line with the earlier results.

## C Total Parameters

Table 2 breaks down the total number of parameters by different Layers for the three proposed architectures.

## D Hyper-parameter Selection

We performed manual hyper-parameter selection and picked best parameter values based on the performance on unseen validation set.