

Does lexicon help?

CoNLL-2003 Named Entity Recognition task:

Model	CoNLL-2003		
	Prec.	Recall	F1
FFNN + emb + caps + lex	89.54	89.80	89.67 (± 0.24)
BLSTM	80.14	72.81	76.29 (± 0.29)
BLSTM-CNN	83.48	83.28	83.38 (± 0.20)
BLSTM-CNN + emb	90.75	91.08	90.91 (± 0.20)
BLSTM-CNN + emb + lex	91.39	91.85	91.62 (± 0.33)

Yes, it does!