Span-based SRL		Dependency-based SRL	
Method	F_1	Method	\mathbf{F}_1
Punyakanok et al. (2008): single, syntax-aware, word-pair classification, ILP	76.3	Zhao et al. (2009): global, syntax-aware, word-pair classification, maximum entropy	86.2
Toutanova et al. (2008): single, syntax-aware, word-pair classification, DP	79.7	Bjorkelund et al. (2010): global, syntax-aware, word-pair classification	86.9
FitzGerald et al. (2015): structured and graphical model, syntax-aware, achieving 79.4 for span SRL, 87.3 for dependency SRL.			
Zhou and Xu (2015): end-to-end, syntax-agnostic, sequence labeling, deep BiLSTM	82.8	Roth and Lapata (2016): global, syntax-aware, word-pair classification, PathLSTM	87.7
He et al. (2017): end-to-end, syntax-agnostic, sequence labeling, highway BiLSTM	83.1	Marcheggiani et al. (2017): syntax-agnostic, sequence labeling, BiLSTM	87.7
Tan et al. (2018): end-to-end, syntax-agnostic, sequence labeling, self-attention	84.8	Marcheggiani and Titov (2017): syntax-aware, sequence labeling, GCNs	88.0
Strubell et al. (2018): end-to-end, syntax-aware, self-attention, multi-task learning	83.9	He et al. (2018b): syntax-aware, sequence labeling, ELMo	89.5
He et al. (2018a): end-to-end, syntax-agnostic, span-ranking, ELMo	87.4	Cai et al. (2018): end-to-end, syntax-agnostic, word-pair classification, biaffine	89.6
Ours: end-to-end, syntax-agnostic, span-ranking, ELMo, achieving? for span SRL, 90.0 in dependency SRL			