Online Updating of Word Representations for Part-of-Speech Taggging

Wenpeng Yin
LMU Munich
wenpeng@cis.lmu.de

Tobias Schnabel
Cornell University
tbs49@cornell.edu

Hinrich Schütze
LMU Munich
inquiries@cislmu.org

	newsgroups		reviews		weblogs		answers		emails		wsj	
	ALL	OOV	ALL	OOV	ALL	OOV	ALL	OOV	ALL	OOV	ALL	OOV
TnT	90.85	56.60	89.67	50.98	91.37	62.65	89.36	51.82	87.38	55.12	96.57	86.27
Stanford	91.25	57.96	90.30	51.87	92.32	67.85	89.74	53.41	87.77	57.10	97.43	88.71
SVMTool	91.21	54.40	90.01	45.05	92.05	63.59	89.90	51.07	87.74	53.23	97.26	86.47
C&P	91.68	60.58	90.42	51.12	92.22	66.91	89.90	53.31	87.91	54.47	97.44	88.20
S&S	92.41	66.91	92.25	70.87	93.14	75.32	91.17	67.93	88.67	61.09	97.11	87.79
BATCH	**92.73**	**67.61**	**92.37**	**77.05**	93.38	**80.31**	**91.46**	**68.76**	**89.00**	**62.85**	**97.23**	**90.94**
ONLINE	92.68	67.08	92.36	76.97	**93.39**	80.12	91.44	68.44	**89.00**	62.81	**97.23**	**90.94**

Table 1: Comparison results on test sets of SANCL