

Note: Doing means folds testing for 20 * 10-fold cross-validation in which the average accuracy for a single 10-fold cross validation acts as a sample																				
Runs	Link-Target Id Average Accuracy	CoreEx Average Accuracy	Difference in accuracy	Sample mean	Mean squared Distance	Degrees of Freedom	SQRT DF + 1	Sum of mean squared Distance	Sample std deviation	Calculated Z-statistic	p-value	Z-value from Table (one tailed test)								
trial 1	94.2	95.9	-1.7	-1.765	0.004225	19	4.472135955	8.0455	0.6507283369	-12.12997731	0.05	1.645								
trial 2	94.5	96.2	-1.7		0.004225															
trial 3	94.1	95.1	-1		0.585225															
trial 4	93.6	95.6	-2		0.055225															
trial 5	94.7	95.6	-0.9		0.748225															
trial 6	93.6	95.7	-2.1		0.112225															
trial 7	94.8	95.6	-0.8		0.801225															
trial 8	94.5	95	-0.5		1.850225															
trial 9	94.8	96.5	-1.7		0.004225															
trial 10	93.6	95	-1.4		0.133225															
trial 11	93.3	96.2	-2.9		1.288225															
trial 12	93.6	96.2	-2.6		0.697225															
trial 13	93.6	96	-2.4		0.403225															
trial 14	94.2	96.3	-2.1		0.112225															
trial 15	93.9	96.2	-2.3		0.286225															
trial 16	93.9	95.9	-2		0.055225															
trial 17	94.4	95.6	-1.2		0.319225															
trial 18	94.2	95.9	-1.7		0.004225															
trial 19	93.6	96.2	-2.6		0.697225															
trial 20	94.2	95.9	-1.7		0.004225															

Since, -12.12997731 < 1.645, we cannot reject the null hypothesis that link-target identification will not perform better than CoreEx at identifying news articles when using C4.5's extra options.