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	93	89.2	3.8	4.93	1.2769	19	4.472135955	22.242	1.081957291	20.37754211	0.05	1.645
trial 2	93.9	89	4.9		0.0009							
trial 3	94.5	88.1	6.4		2.1609							
trial 4	94.2	89.8	4.4		0.2809							
trial 5	94.2	88.4	5.8		0.7569							
trial 6	94.2	90.1	4.1		0.6889							
trial 7	93.6	88.1	5.5		0.3249							
trial 8	94.5	89.8	4.7		0.0529							
trial 9	94.1	90.7	3.4		2.3409							
trial 10	93.9	87.8	6.1		1.3689							
trial 11	94.2	87.5	6.7		3.1329							
trial 12	94.5	88.7	5.8		0.7569							
trial 13	94.5	88.7	5.8		0.7569							
trial 14	94.7	89.2	5.5		0.3249							
trial 15	93.4	89.9	3.5		2.0449							
trial 16	94.2	89.5	4.7		0.0529							
trial 17	94.5	90.1	4.4		0.2809							
trial 18	93.9	90.1	3.8		1.2769							
trial 19	94.8	88.7	6.1		1.3689							
trial 20	93.9	90.7	3.2		2.9929							

Since, 20.37754211> 1.645, we can reject the null hypotheseis that ink-target identification will not perform better than CoreEx at identifying news articles when using C4.5's default options