



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_7897
Title of the Manuscript:	Centroid -Based and Bayesian Algorithms Performance

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
1. It is recommended to summarize the testing and evaluation procedure of CBA to present the experiment as shown in Figure 1. Figure 1 only shows how to compute the Centroid Scores, it is recommended to include the algorithms for how to calculate the similarity and how to extract the most important sentences in the cluster to include them in a summary. 2. Line 307 "Sentence s15 is the most central for thresholds 0.1 and 0.2" Is there any evidence to support this conclusion? How about s5 or s18? 3. Authors should address the cross validation results of training and testing separately to show the robustness of the proposed CBA. In line 377-378, how to conduct the training and testing procedures? And how to calculate the recall and precision scores shown in Table 4?	1. It is done as Figure1, Figure2 and Figure3. 2. The matrix created was with 22 rows and 22 columns, unfortunately, I could not include all of them in the table. But when I enquired the program about the centroid node, the reply was node 15,based on the following algorithm: <pre>public int[] Centrality Nodes(decimal[,] cosine Matrix, decimal threshold, int size) { int max = 0; cenNode = -1; cosineMatrixDeg = new decimal[size, size]; int[] degree = new int[size]; decimal[] IR = new decimal[size]; for (int i = 0; i < size; i++) { for (int j = 0; j < size; j++) { if (cosine Matrix[i, j] > threshold) { cosineMatrixDeg[i, j] = cosine Matrix[i, j]; degree[i]++; } else cosineMatrixDeg[i, j] = 0; } } for (int i = 0; i < size; i++) { if (degree[i] > max) { max = degree[i]; cenNode = i; } } return summarizatinNodes(cosineMatrixDeg,degree,cenNode,size); }</pre> 3. The required algorithms are written and highlighted in the same location You specified in the revised paper. Also, the precision and recall procedures are added