

- more easily than alphabetical languages;
- **medium** for associating relevant prior concepts.

- isolation to deal with the linguistic symbols;
- representation is more in line with human cognition.



Ideography Leads Us to the Field of Cognition: A Radical-Guided Associative Model for Chinese Text Classification Hanqing Tao¹, Shiwei Tong¹, Kun Zhang³, Tong Xu^{1, 2}, Qi Liu^{1,2}, Enhong Chen^{1, 2*}, Min Hou² ¹Anhui Province Key Laboratory of Big Data Analysis and Application, University of Science and Technology of China, ²School of Data Science, University of Science and Technology of China ³School of Computer Science and Information Engineering, Hefei University of Technology



or comparison methods on CNT dataset and FCT dataset.									
CNT			FCT						
Recall	F1-score	Δ F1 (%)	Accuracy	Recall	F1-score	Δ F1 (%)			
0.6127	0.6059	-39.71	0.7481	0.4041	0.4095	-104.73			
0.7707	0.7695	-10.00	0.9012	0.6270	0.6643	-26.20			
0.6993	0.6995	-21.01	0.8361	0.4925	0.5174	-62.04			
0.8025	0.8025	-5.47	0.8704	0.5149	0.5372	-56.05			
0.8120	0.8117	-4.29	0.9096	0.7635	0.7910	-5.98			
0.8187	0.8183	-3.45	0.9204	0.6856	0.7218	-16.15			
0.8231	0.8225	-2.91	0.9204	0.6847	0.7216	-16.18			
0.8325	0.8325	-1.68	0.9241	0.7140	0.7408	-13.17			
0.8461	0.8465	-	0.9423	0.8058	0.8383	-			

CNT			FCT				
11	F1-score	Δ F1 (%)	Accuracy	Recall	F1-score	Δ F1 (%)	
6	0.8426	-0.46	0.9420	0.7953	0.8334	-0.59	
0	0.8442	-0.27	0.9405	0.7937	0.8350	-0.40	
1	0.8465	-	0.9423	0.8058	0.8383	-	