Feature	Definition
External Factor	
k-core	The value of k in the k -core analysis
$\mid interaction\mbox{-}growthnum\mbox{-}ave \mid$	The average value of <i>increase-num</i> of neighboring topics
$\mid interaction ext{-}growthnum ext{-}ave \mid$	The max value of <i>increase-num</i> of neighboring topics
Internal Factor	
paper-num	The number of papers in this topic
citation-ave	The average value of papers' citations in this topic
citation-max	The max value of papers' citations in this topic
author-hindex-ave	The average value of authors' h-index in this topic
author-hindex-max	The max value of authors' h-index in this topic
$egin{array}{cccc} { m Author} & author-hindex-var \ & author-phch-num \ & author-plch-num \end{array}$	The variance of authors' h-index in this topic
	The number of PHCH authors in this topic
	The number of PLCH authors in this topic
increase-num	The growth of paper number between current year and last
Growth increase-num-ave increase-num-max	The average value of growth number in the past five years
	The max value of growth number in the past five years
venue-num	The total number of venues in this topic
venue- $distinct$ - num	The number of distinctive venues in this topic
venue-index-ave	The weighted average of the <i>venueIndex</i> of venues appeared
	tor k-core interaction-growthnum-ave interaction-growthnum-ave or paper-num citation-ave citation-max author-hindex-ave author-hindex-war author-phch-num author-plch-num increase-num-increase-num-ave increase-num-max venue-num venue-distinct-num