

LIST OF NOTATIONS

Symbols	Definitions
X_i, X_j	Set Of Data Point
$r(i, k)$	Responsibility Matrix R
$a(i, k) =$	Availability Matrix A
k	Total Sample Data
X_i	Sample Data
$\bar{X}$	Mean
$sil(i)$	Silhouette Coefficient All Cluster
$s(i, k)$	Similarity between data point i to data point k
r	responsibility
a	availability