TASK 6 OUTPUTS

feature space {L3}; k=5; dim.red. {SVD}

Applying svd on the given similarity matrix to get 5 latent semantics (showing only top 10 image-weight pairs for each latent semantic)...

Latent semantic no. 0
image   1491   -   Weight (0.016513738690806405+0j)
image   2817   -   Weight (0.016471280632184785+0j)
image   1816   -   Weight (0.0164533713414888+0j)
image   1811   -   Weight (0.016429697005778243+0j)
image   2868   -   Weight (0.016422997018732444+0j)
image   1763   -   Weight (0.016415099339543864+0j)
image   1820   -   Weight (0.016397607052868645+0j)
image   2885   -   Weight (0.01638372338832298+0j)
image   1822   -   Weight (0.016376095934206268+0j)
image   1768   -   Weight (0.016360633549188486+0j)
Latent semantic no. 1
image   235   -   Weight (0.04064845249312466+0j)
image   16   -   Weight (0.040327023128838145+0j)
image   406   -   Weight (0.0400895941191597+0j)
image   8   -   Weight (0.039860421990357615+0j)
image   333   -   Weight (0.03978641908873009+0j)
image   93   -   Weight (0.039674175932081786+0j)
image   221   -   Weight (0.039618907223279536+0j)
image   251   -   Weight (0.03936484243829158+0j)
image   402   -   Weight (0.03934745791700115+0j)
image   33   -   Weight (0.03924655637922524+0j)
Latent semantic no. 2
image   660   -   Weight (0.044514278117381546+0j)
image   919   -   Weight (0.04353693775408056+0j)
image   794   -   Weight (0.04321902130802222+0j)
image   677   -   Weight (0.042932140086282745+0j)
image   818   -   Weight (0.04284242969238769+0j)
image   813   -   Weight (0.042562983515470595+0j)
image   879   -   Weight (0.04243551532937506+0j)
image   817   -   Weight (0.042373547754404155+0j)
image   781   -   Weight (0.04236815117848376+0j)
image   641   -   Weight (0.042309157243564544+0j)
Latent semantic no. 3
image   1503   -   Weight (0.028589677777328765+0j)
image   3002   -   Weight (0.02826405824392506+0j)
image   3221   -   Weight (0.0271211520709057+0j)
image   3004   -   Weight (0.027052707184262104+0j)
image   3348   -   Weight (0.026569974994181206+0j)
image   2131   -   Weight (0.0264345488509745+0j)
image   3005   -   Weight (0.026416032578812615+0j)
image   2122   -   Weight (0.026394160676865057+0j)
image   2997   -   Weight (0.026259464147068083+0j)
image   2872   -   Weight (0.026246697458263493+0j)
Latent semantic no. 4
image   3746   -   Weight (0.04791648677233576+0j)
image   3290   -   Weight (0.047349636926180494+0j)
image   3286   -   Weight (0.04644615072972975+0j)
image   2566   -   Weight (0.045938692161819+0j)
image   3283   -   Weight (0.045633426936504184+0j)
image   3263   -   Weight (0.045022018921337906+0j)
image   1364   -   Weight (0.04453624264619371+0j)
image   3249   -   Weight (0.04437297827414635+0j)
image   3494   -   Weight (0.043527944345823105+0j)
image   1844   -   Weight (0.04340458352740871+0j)