After iteration 1:

the updated SSE(sum of squared error) is:

551516.5774192731

the updated c1 is:

 $[[\ 2.69065848\ 5.55601619\ 12.26620984\ \ 7.48120434\ \ 0.24285351\ \ 0.99747068]]$

the updated c2 is:

 $\hbox{\tt [[\ 2.98792136\ 7.30724305\ 16.48227403\ 10.65664851\ 0.23655629\ 1.00679373]]}$

After iteration 2:

the updated SSE(sum of squared error) is:

359475.7966158772

the updated c1 is:

[[2.50680171 4.77056093 10.16570693 5.82192441 0.20821519 0.95235302]] the updated c2 is:

 $[[\ 3.3178565\ \ 8.76258517\ 20.6221998\ \ 13.79747907\ \ 0.28891998\ \ 1.08775325]]$

After 34 iterations, with L1_sum=8.260174003707488e-05, the clusters converge. Converged c1:

[[2.39808449 4.13452911 8.33493857 4.39337388 0.22207279 0.9255393]] Converged c2:

[[4.62056755 14.72014621 38.4113867 27.06530661 0.28272855 1.36682765]]