I will look at cluster 4, since it contains the most number of instances out of the five clusters. I can’t find a description map for the variables, but the most interesting variables would seem to be:

dAge

iRlabor

iYearwrk

=== Run information ===

Scheme: weka.clusterers.SimpleKMeans -init 0 -max-candidates 100 -periodic-pruning 10000 -min-density 2.0 -t1 -1.25 -t2 -1.0 -N 5 -A "weka.core.EuclideanDistance -R first-last" -I 500 -num-slots 1 -S 20

Relation: UScensus-weka.filters.unsupervised.attribute.Remove-R1

Instances: 9999

Attributes: 68

dAge

dAncstry1

dAncstry2

iAvail

iCitizen

iClass

dDepart

iDisabl1

iDisabl2

iEnglish

iFeb55

iFertil

dHispanic

dHour89

dHours

iImmigr

dIncome1

dIncome2

dIncome3

dIncome4

dIncome5

dIncome6

dIncome7

dIncome8

dIndustry

iKorean

iLang1

iLooking

iMarital

iMay75880

iMeans

iMilitary

iMobility

iMobillim

dOccup

iOthrserv

iPerscare

dPOB

dPoverty

dPwgt1

iRagechld

dRearning

iRelat1

iRelat2

iRemplpar

iRiders

iRlabor

iRownchld

dRpincome

iRPOB

iRrelchld

iRspouse

iRvetserv

iSchool

iSept80

iSex

iSubfam1

iSubfam2

iTmpabsnt

dTravtime

iVietnam

dWeek89

iWork89

iWorklwk

iWWII

iYearsch

iYearwrk

dYrsserv

Test mode: evaluate on training data

=== Clustering model (full training set) ===

kMeans

======

Number of iterations: 6

Within cluster sum of squared errors: 121200.0

Initial starting points (random):

Cluster 0: 1,1,2,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,4,0,0,0,0,0,0,0,0,0,2,2,4,0,2,0,141,0,0,1,0,10,1,0,0,0,0,1,0,0,0,0,0,0,0,0,0,0,0,0

Cluster 1: 2,1,1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,2,0,4,0,0,0,1,0,0,0,0,0,2,1,4,0,2,0,121,0,0,1,0,23,1,0,0,2,0,1,0,0,0,0,0,0,0,2,0,5,0,0

Cluster 2: 5,8,1,0,4,1,2,2,2,1,0,0,0,3,3,5,3,0,0,1,0,0,0,0,3,0,1,0,0,0,2,4,1,2,1,0,2,3,2,1,0,4,0,0,0,0,1,0,4,52,0,1,0,1,0,0,0,0,0,5,0,2,1,1,0,14,1,0

Cluster 3: 3,1,1,0,0,1,2,2,2,0,0,3,0,3,2,0,1,0,0,0,0,0,0,0,4,0,2,0,0,0,1,4,2,2,6,0,2,0,2,0,2,2,7,1,0,1,1,0,2,10,0,1,0,2,0,1,1,1,0,3,0,2,1,1,0,10,1,0

Cluster 4: 5,1,1,0,0,6,0,2,2,0,0,4,0,5,0,0,1,1,0,1,0,0,0,0,5,0,2,2,0,0,0,4,1,2,6,0,2,0,2,2,4,2,1,0,0,0,6,0,3,22,0,1,0,1,0,1,0,0,3,0,0,1,1,2,0,14,1,0

Missing values globally replaced with mean/mode

Final cluster centroids:

Cluster#

Attribute Full Data 0 1 2 3 4

(9999.0) (1062.0) (1288.0) (2954.0) (1840.0) (2855.0)

=============================================================================

dAge 1 1 1 4 3 7

dAncstry1 1 1 1 1 1 1

dAncstry2 1 1 1 1 1 1

iAvail 0 0 0 0 0 0

iCitizen 0 0 0 0 0 0

iClass 0 0 0 1 1 0

dDepart 0 0 0 3 3 0

iDisabl1 2 0 0 2 2 2

iDisabl2 2 0 0 2 2 2

iEnglish 0 0 0 0 0 0

iFeb55 0 0 0 0 0 0

iFertil 0 0 0 0 1 0

dHispanic 0 0 0 0 0 0

dHour89 0 0 0 3 3 0

dHours 0 0 0 3 3 0

iImmigr 0 0 0 0 0 0

dIncome1 0 0 0 2 1 0

dIncome2 0 0 0 0 0 0

dIncome3 0 0 0 0 0 0

dIncome4 0 0 0 0 0 0

dIncome5 0 0 0 0 0 0

dIncome6 0 0 0 0 0 0

dIncome7 0 0 0 0 0 0

dIncome8 0 0 0 0 0 0

dIndustry 0 0 0 4 9 0

iKorean 0 0 0 0 0 0

iLang1 2 0 2 2 2 2

iLooking 0 0 0 0 0 2

iMarital 0 4 4 0 0 0

iMay75880 0 0 0 0 0 0

iMeans 0 0 0 1 1 0

iMilitary 4 0 0 4 4 4

iMobility 1 0 1 1 2 1

iMobillim 2 0 0 2 2 2

dOccup 0 0 0 1 2 0

iOthrserv 0 0 0 0 0 0

iPerscare 2 0 0 2 2 2

dPOB 0 0 0 0 0 0

dPoverty 2 2 2 2 2 2

dPwgt1 1 1 1 1 1 1

iRagechld 0 4 0 0 4 4

dRearning 0 0 0 3 2 0

iRelat1 0 2 2 0 1 0

iRelat2 0 0 0 0 0 0

iRemplpar 0 121 111 0 0 0

iRiders 0 0 0 1 1 0

iRlabor 1 0 0 1 1 6

iRownchld 0 1 1 0 0 0

dRpincome 2 0 0 3 2 2

iRPOB 10 10 10 10 10 10

iRrelchld 0 1 1 0 0 0

iRspouse 1 0 0 1 1 1

iRvetserv 0 0 0 0 0 0

iSchool 1 0 2 1 1 1

iSept80 0 0 0 0 0 0

iSex 1 1 0 0 1 1

iSubfam1 0 0 0 0 0 0

iSubfam2 0 0 0 0 0 0

iTmpabsnt 0 0 0 0 0 3

dTravtime 0 0 0 5 3 0

iVietnam 0 0 0 0 0 0

dWeek89 0 0 0 2 1 0

iWork89 1 0 0 1 1 2

iWorklwk 1 0 0 1 1 2

iWWII 0 0 0 0 0 0

iYearsch 10 0 5 10 10 10

iYearwrk 1 0 0 1 1 6

dYrsserv 0 0 0 0 0 0

Time taken to build model (full training data) : 0.34 seconds

=== Model and evaluation on training set ===

Clustered Instances

0 1062 ( 11%)

1 1288 ( 13%)

2 2954 ( 30%)

3 1840 ( 18%)

4 2855 ( 29%)