

Introduction à R

Délai médecins

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06/2015

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1 Fichier de santé des Etats-Unis	2
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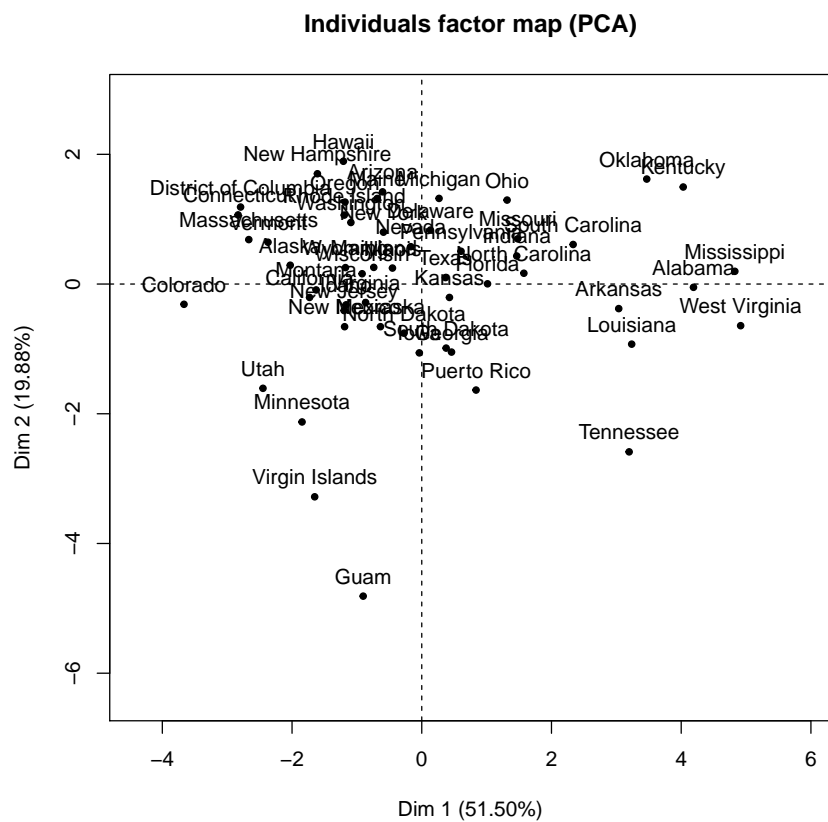
1 Fichier de santé des Etats-Unis

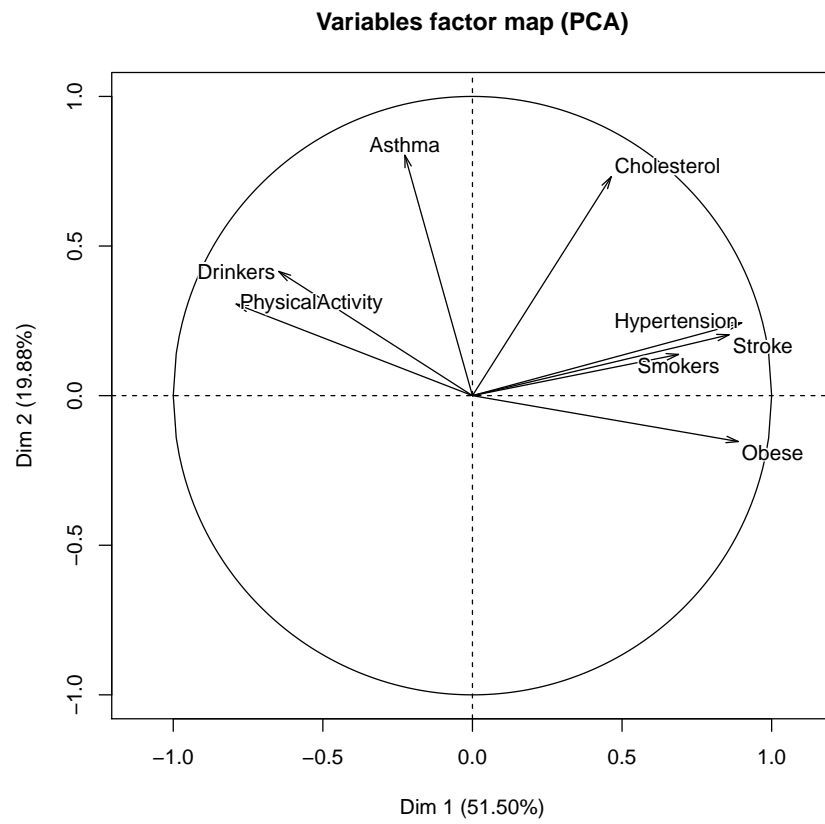
1. Préparer la *data.frame* pour la classification
2. Faire une classification après une ACP avec le fichier *USHealth.csv* avec les variables : "Smokers", "PhysicalActivity", "Obese", "Stroke", "Asthma", "Drinkers", "Hypertension", "C"
3. laisser parler son imagination

```

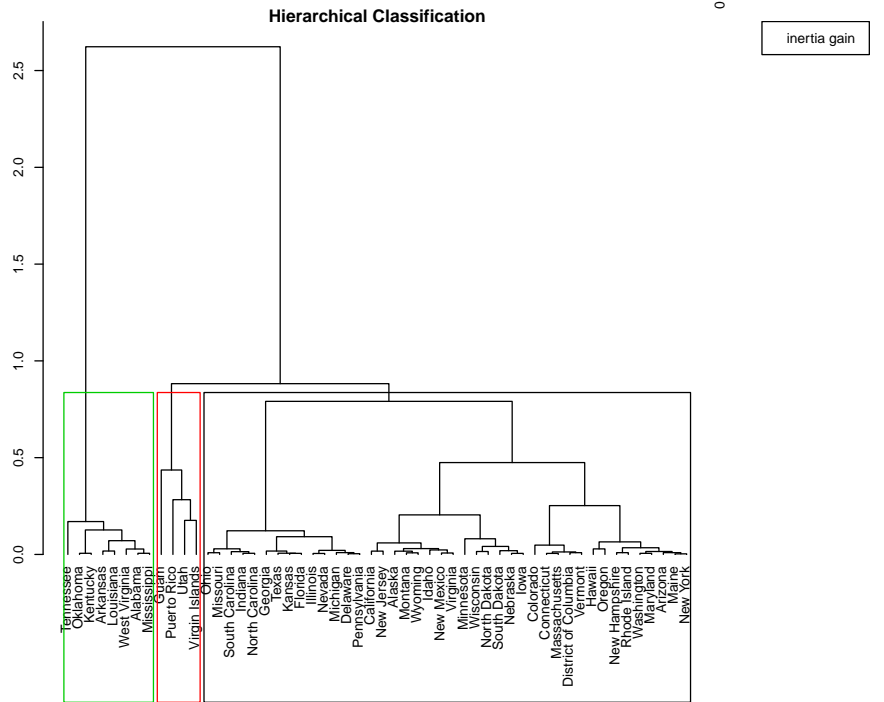
## [1] "Smokers"
## [2] "Smoke.everyday"
## [3] "PhysicalActivity"
## [4] "HighPhysicalActivity"
## [5] "LimitedActivities"
## [6] "Obese"
## [7] "Stroke"
## [8] "CoronaryDisease"
## [9] "HeartAttack"
## [10] "Asthma"
## [11] "AsthmaCurrent"
## [12] "Arthritis"
## [13] "BingeDrinkers"
## [14] "HeavyDrinkers"
## [15] "Drinkers"
## [16] "Hypertension"
## [17] "Good.or.Better.Health"
## [18] "Consume.5.or.more.times.per.day"
## [19] "SpecialEquipment"
## [20] "Diabete"
## [21] "Unable.to.work"
## [22] "Cholesterol"
## [23] "White"
## [24] "Black"
## [25] "Hispanic"
## [26] "Other"
## [27] "X18.24.years"
## [28] "X35.44.years"
## [29] "X65..years"
## [30] "NoneChildren"
## [31] "TwoOrMoreChildren"
## [32] "Male"
## [33] "Female"
## [34] "Less15000"
## [35] "Mid1"
## [36] "Mid2"
## [37] "Mid3"
## [38] "More50000"
## [39] "Emplyd"
## [40] "Self.emplyd"
## [41] "No.work"
## [42] "Homemkr"
## [43] "Student"
## [44] "Retired"
## [45] "FluVaccination"
## [46] "HealthCoverage"
## [47] "CholesterolChecked"

```





Hierarchical Clustering



- cluster 1
- cluster 2
- cluster 3



