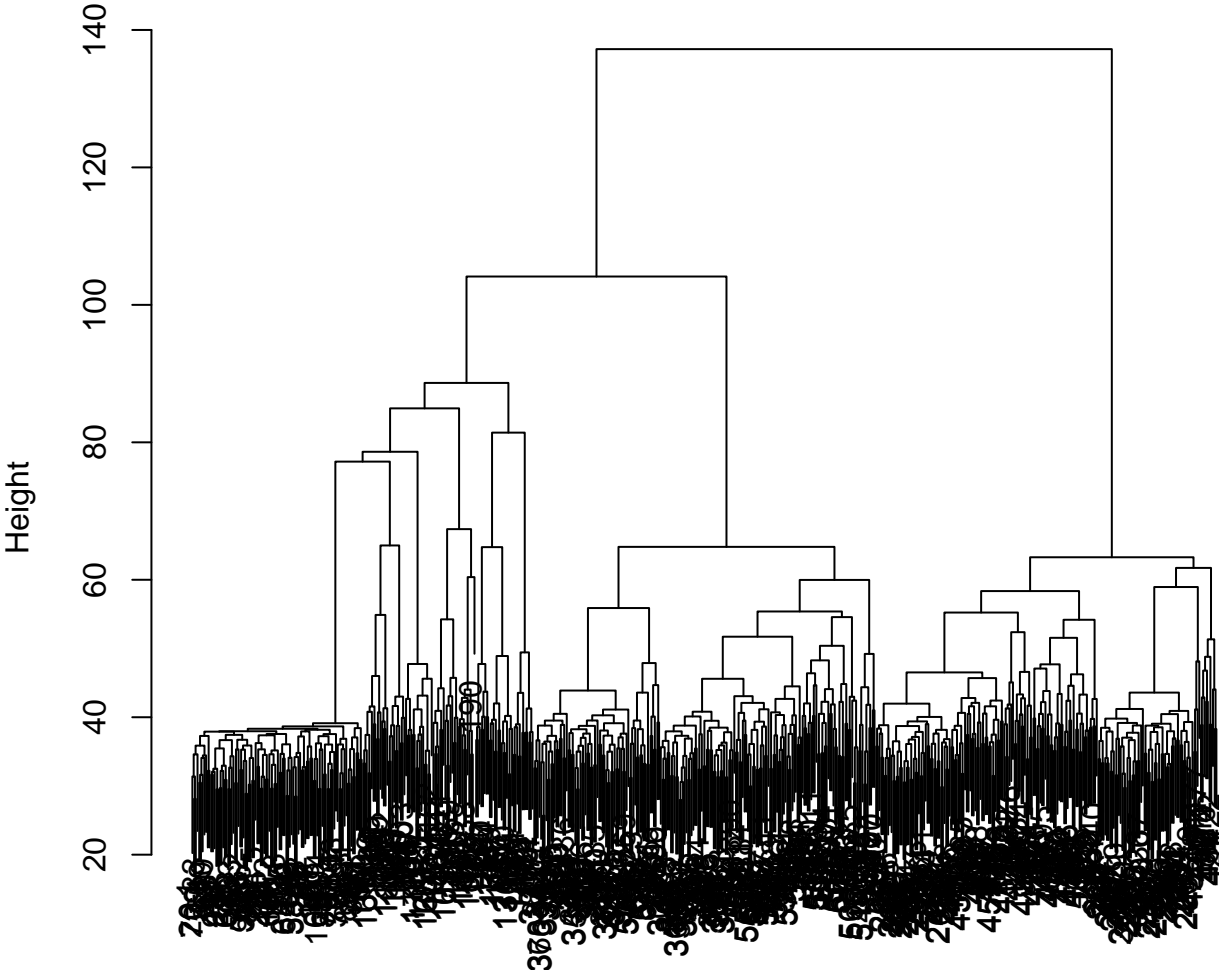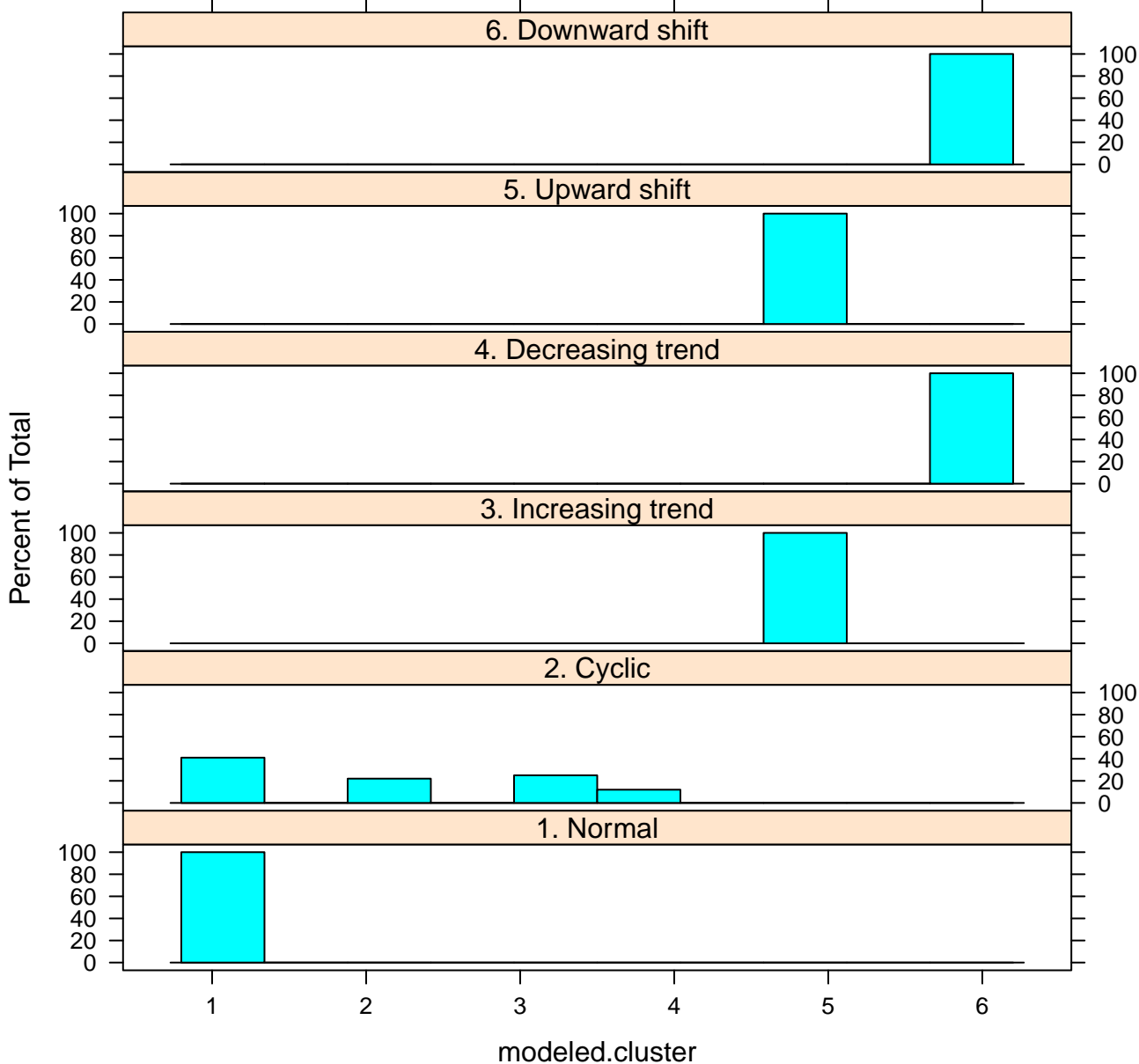**Dendrogram of agnes(x = control.chart.raw.df, stand = FALSE)**
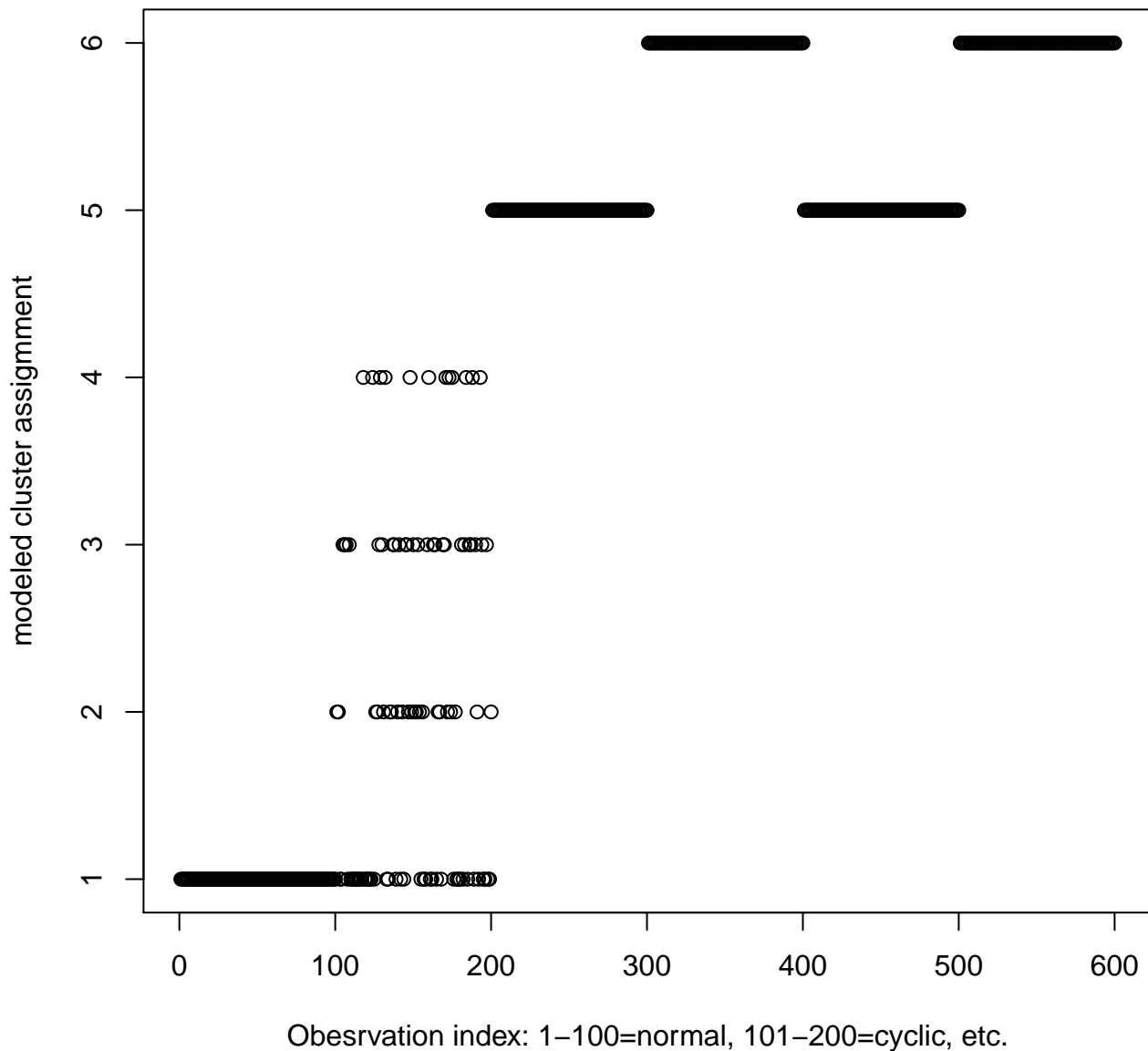
Height

control.chart.raw.df
Agglomerative Coefficient = 0.75

agnes clusters on raw data

agnes clusters on raw data

modeled cluster assigment

Obesrvation index: 1−100=normal, 101−200=cyclic, etc.

Dendrogram of agnes(x = control.chart.raw.df, stand = TRUE)

Height
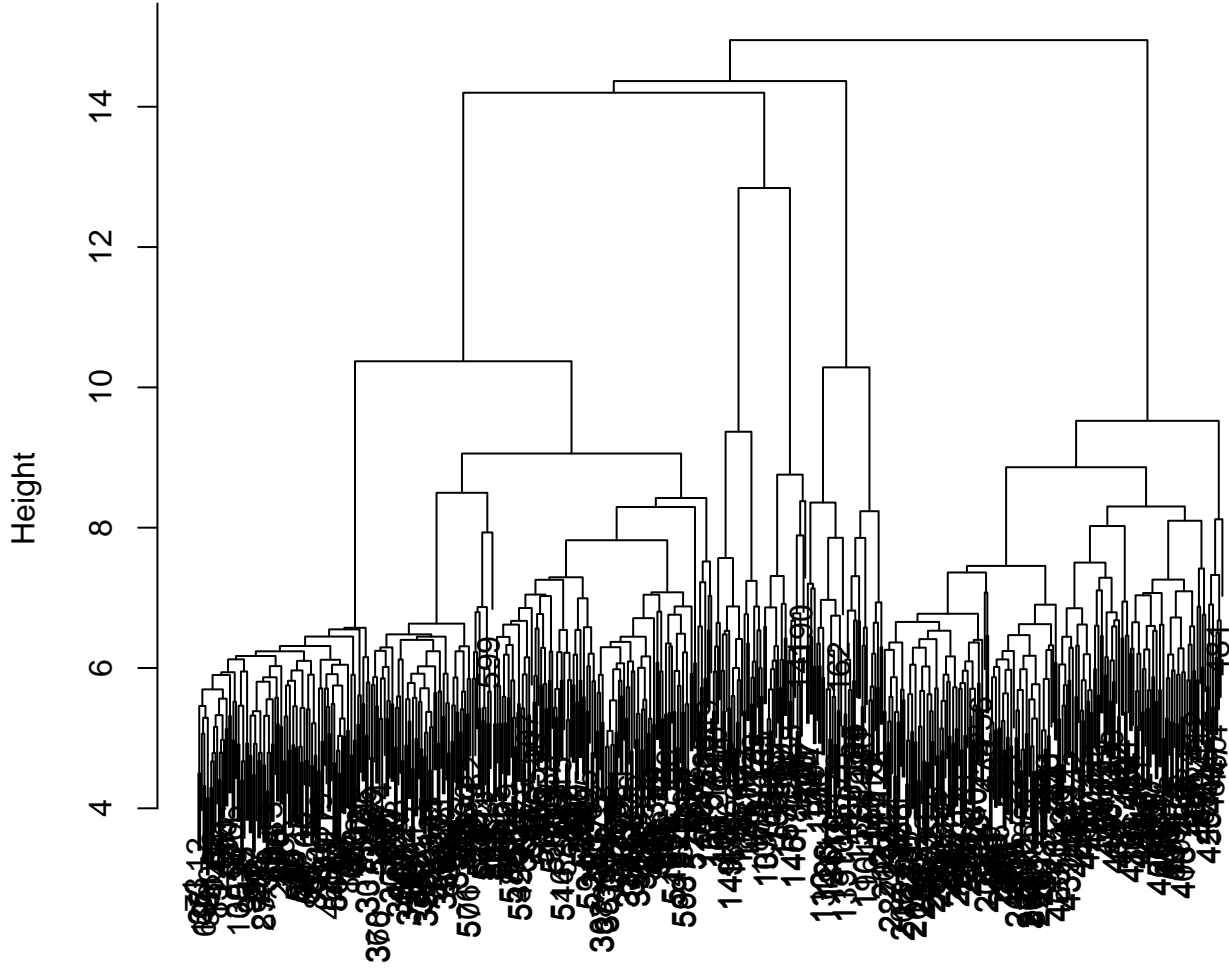
control.chart.raw.df
Agglomerative Coefficient = 0.64

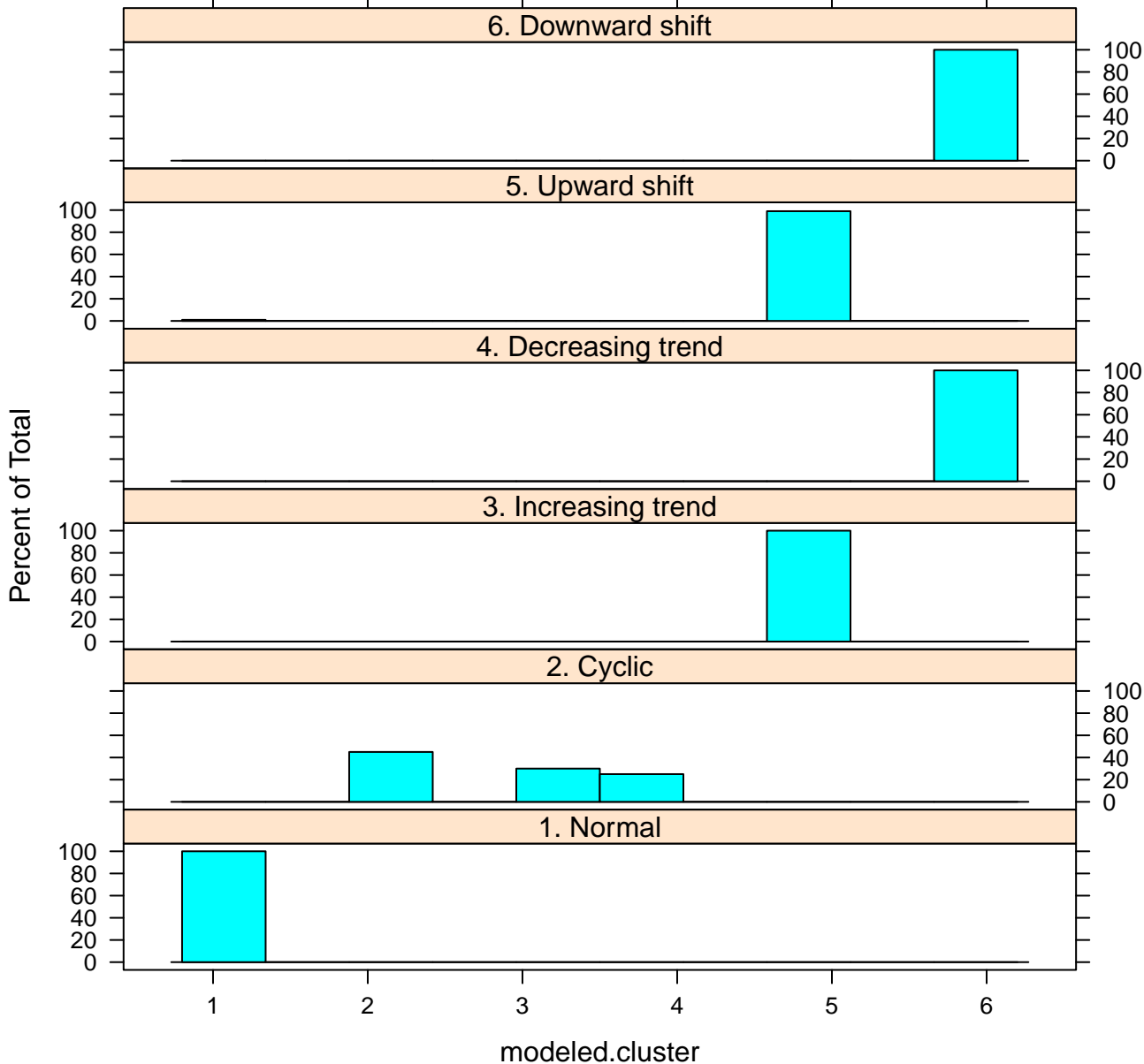**agnes clusters on standardized data**

agnes clusters on standardized data

modeled cluster assigment

Obesrvation index: 1−100=normal, 101−200=cyclic, etc.