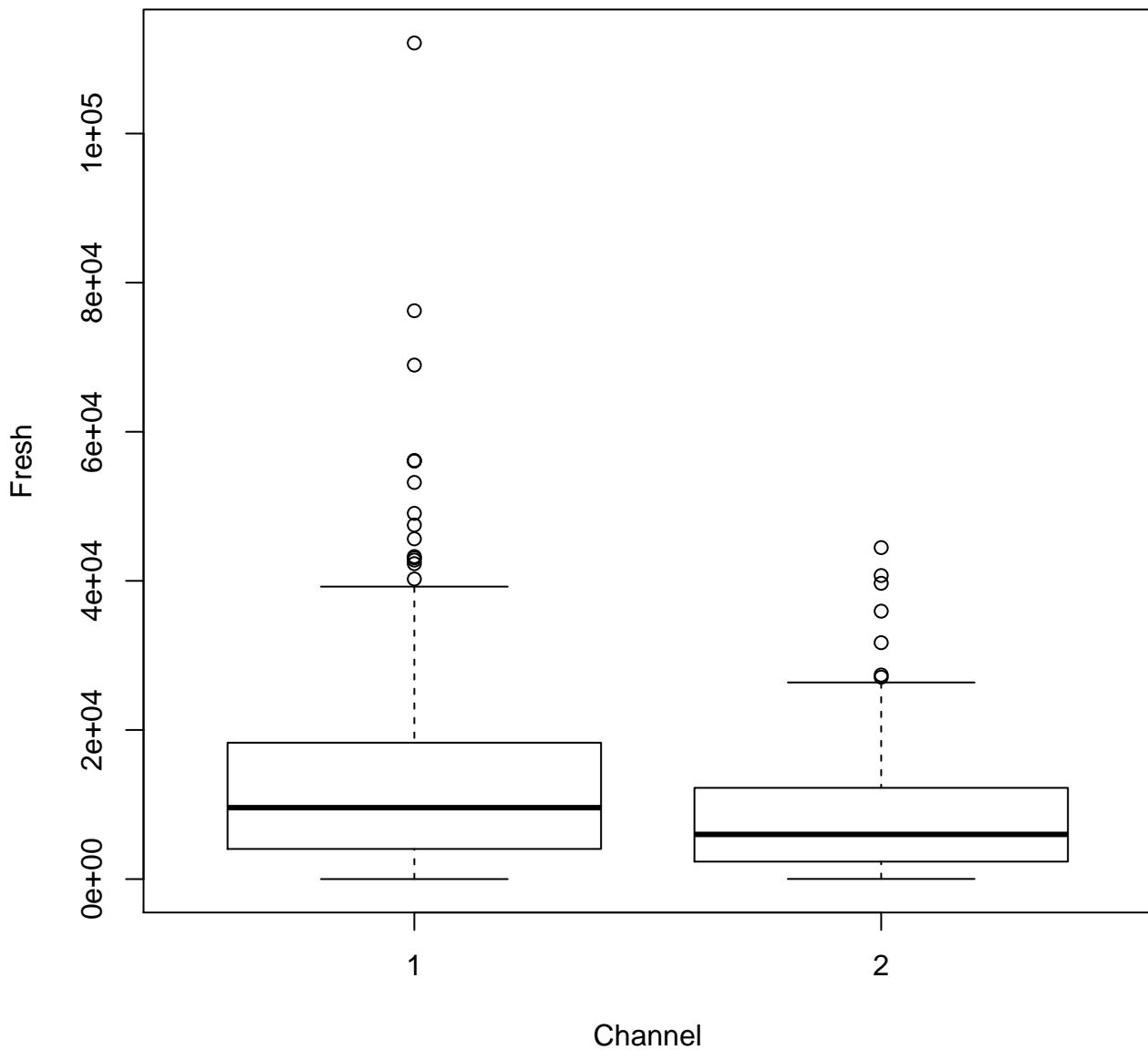
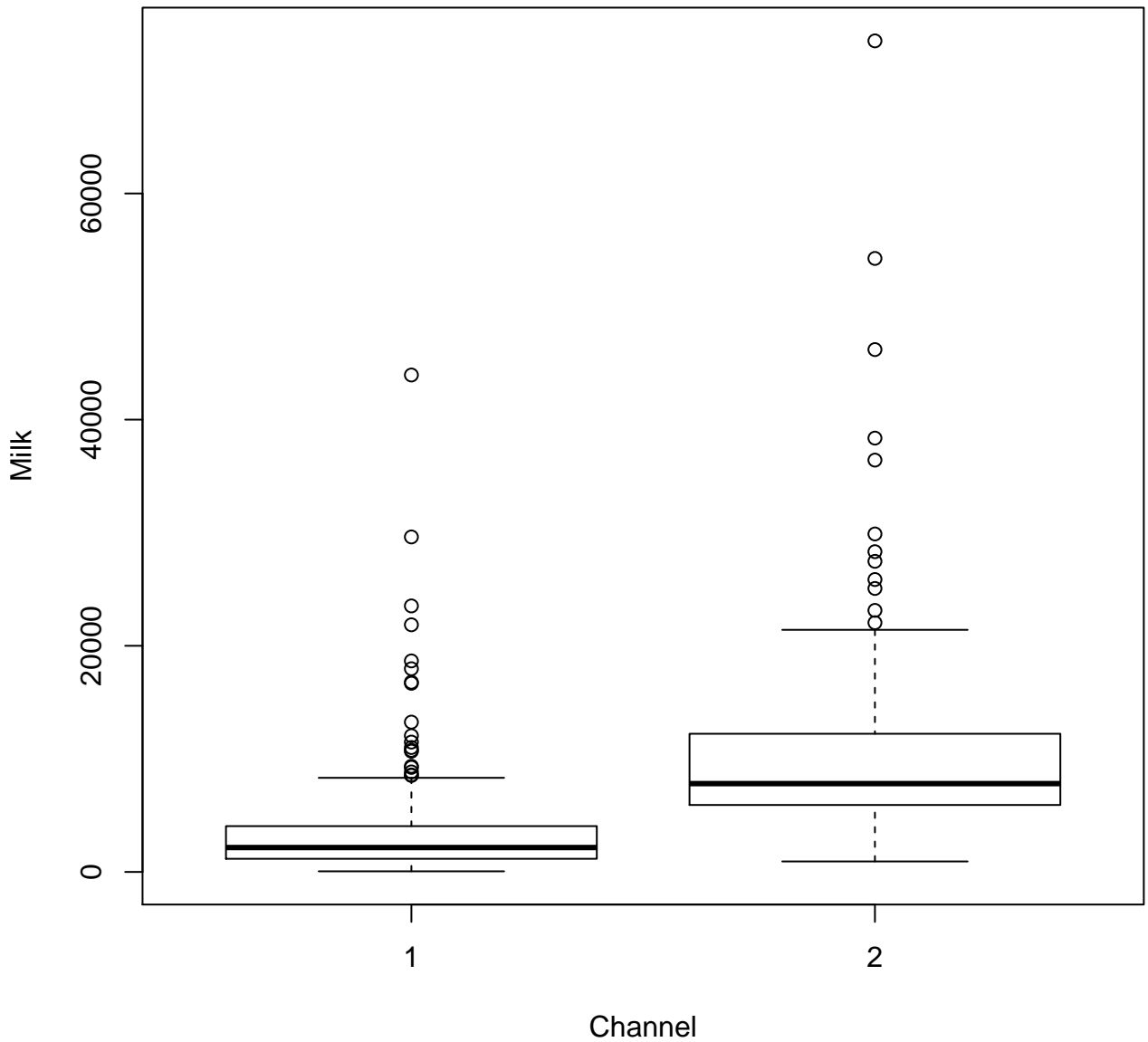


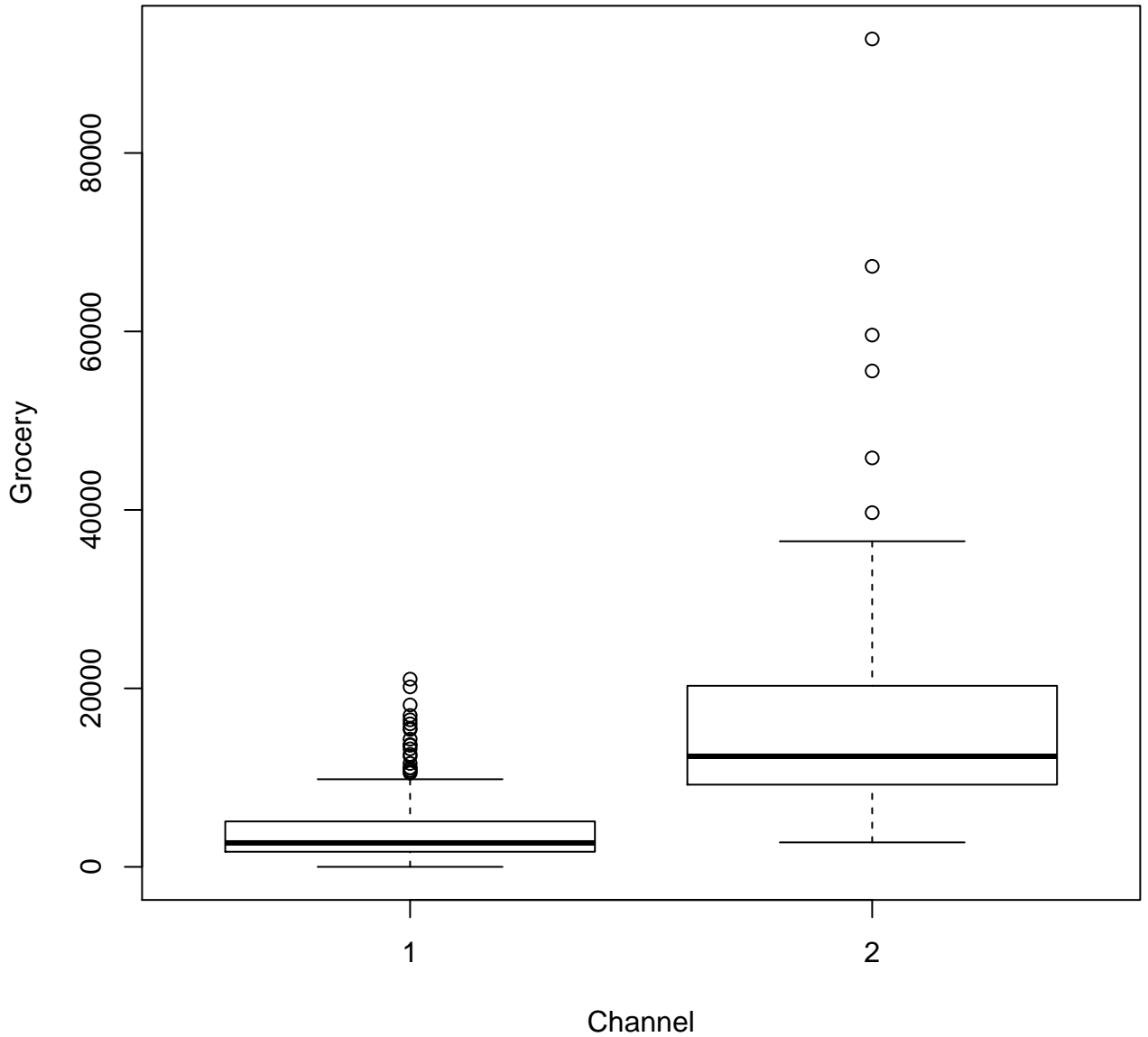
# Fresh



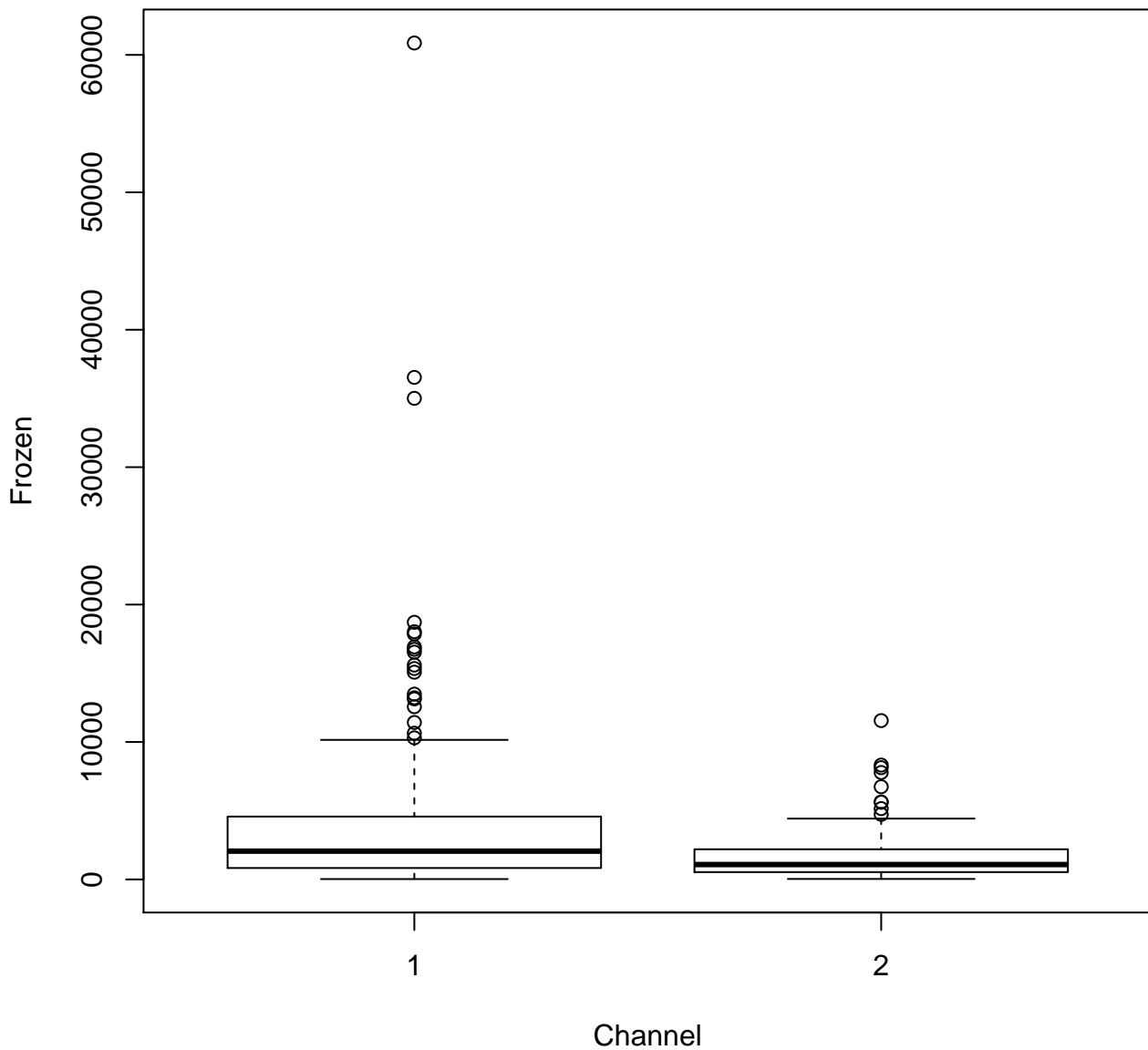
# Milk



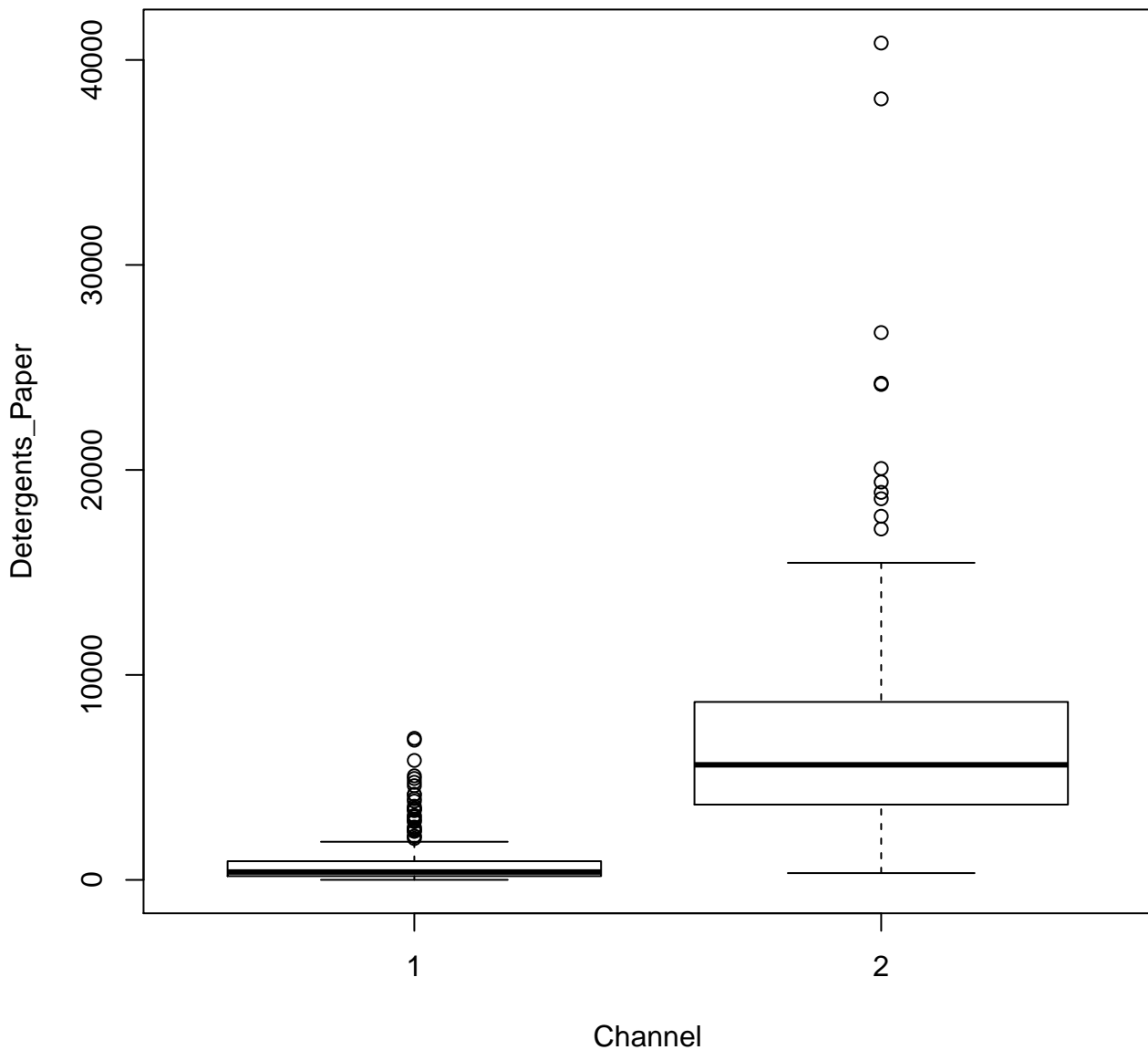
# Grocery



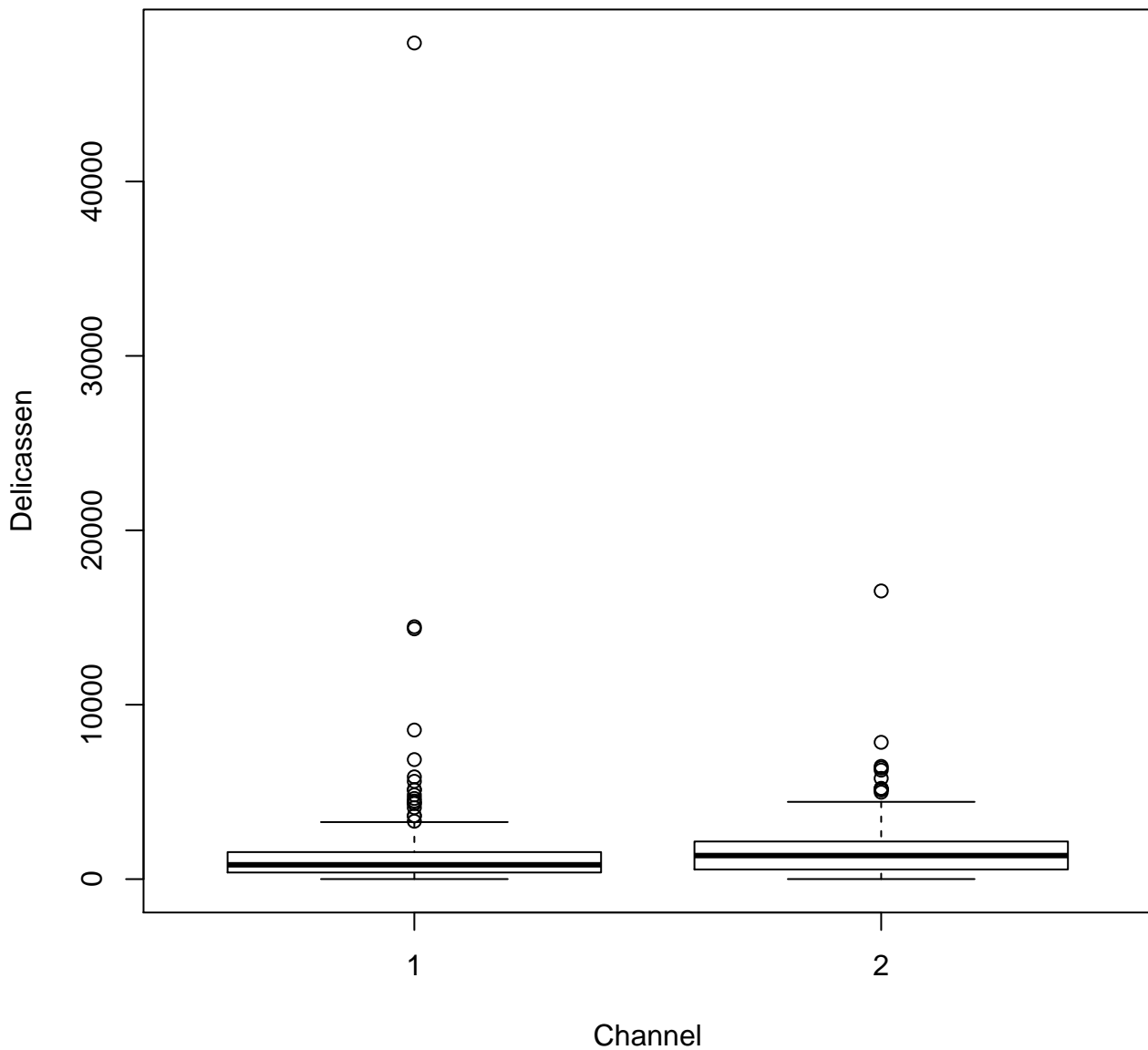
# Frozen



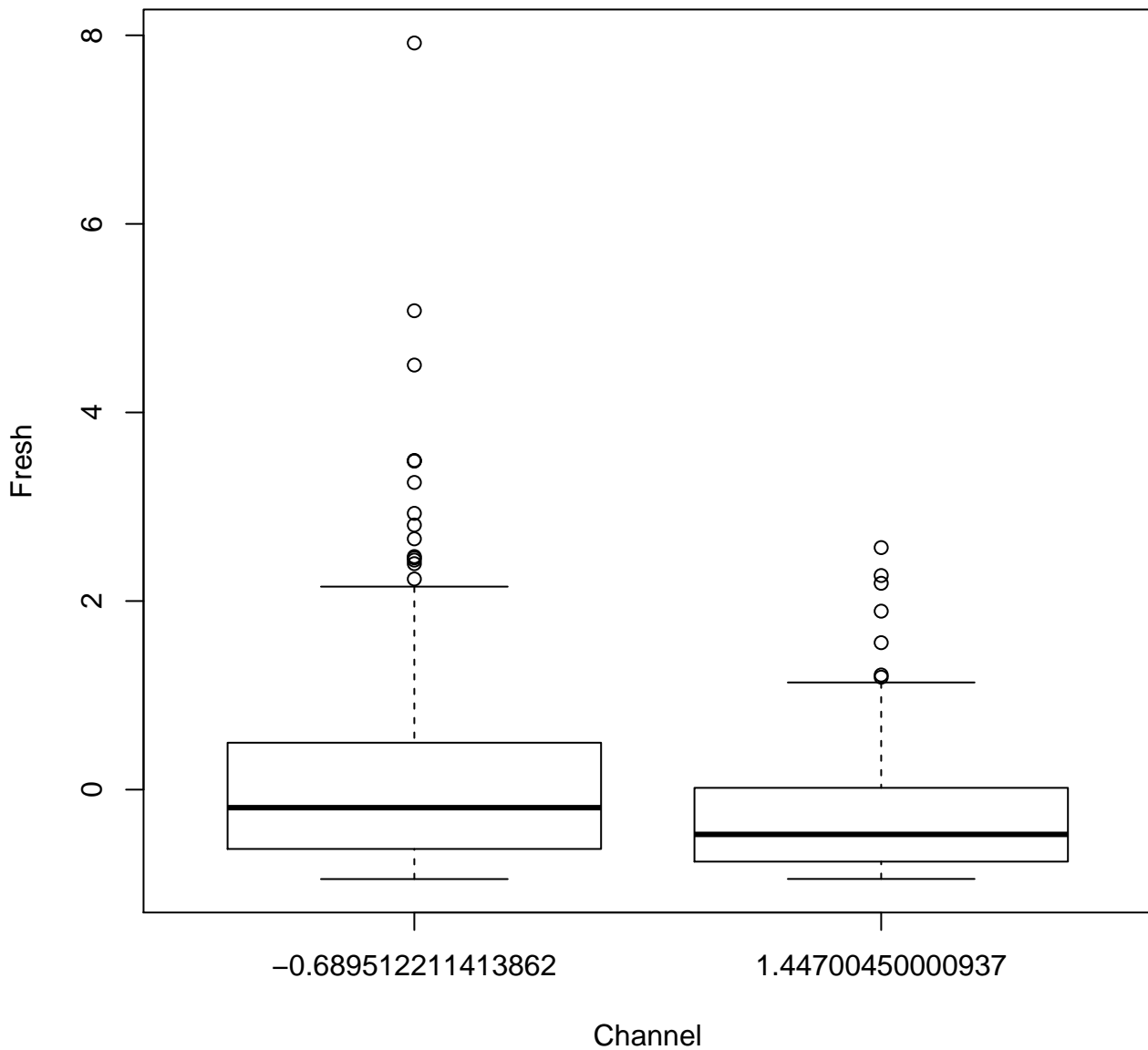
# Detergents\_Paper



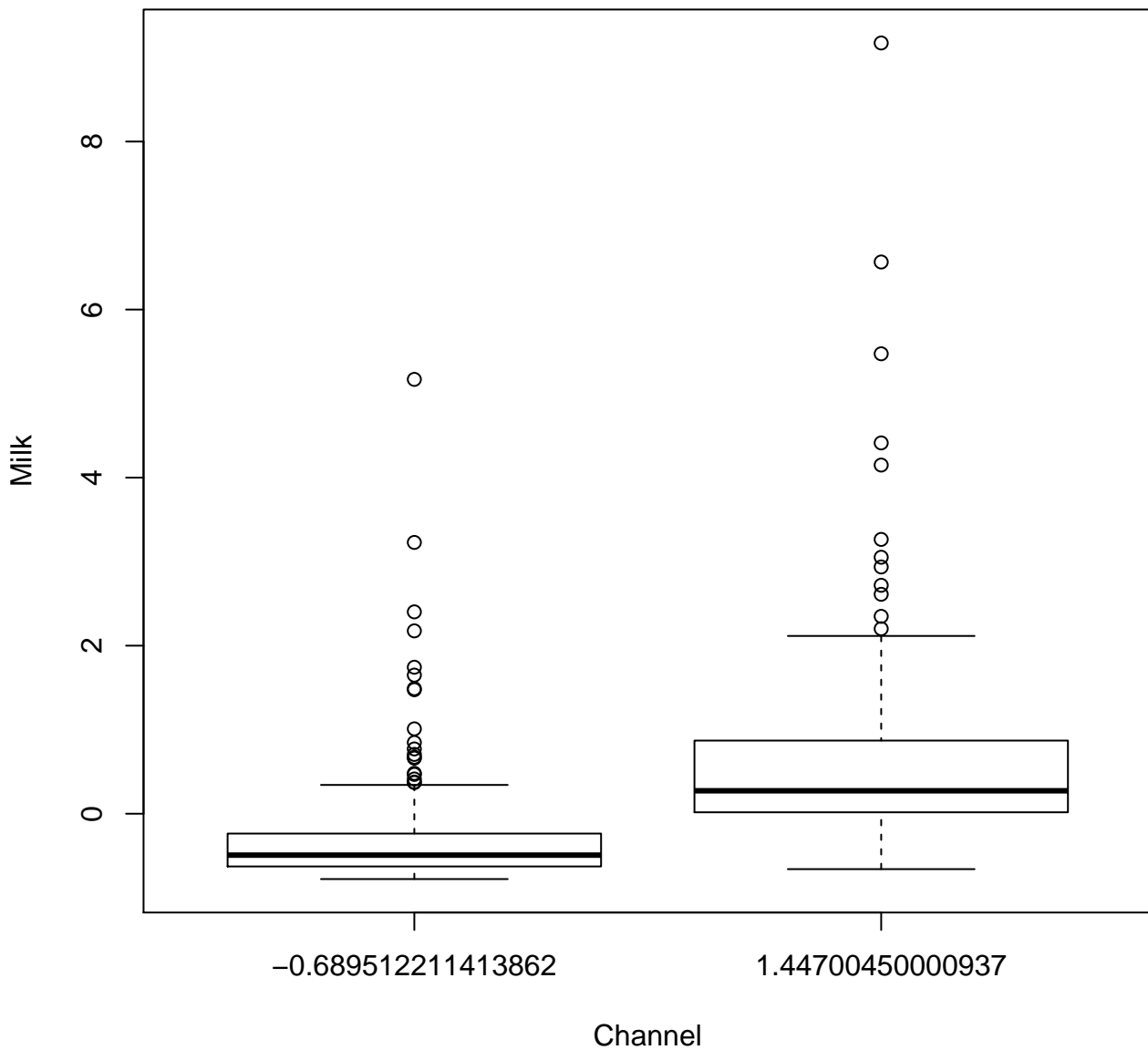
# Delicassen



# Fresh

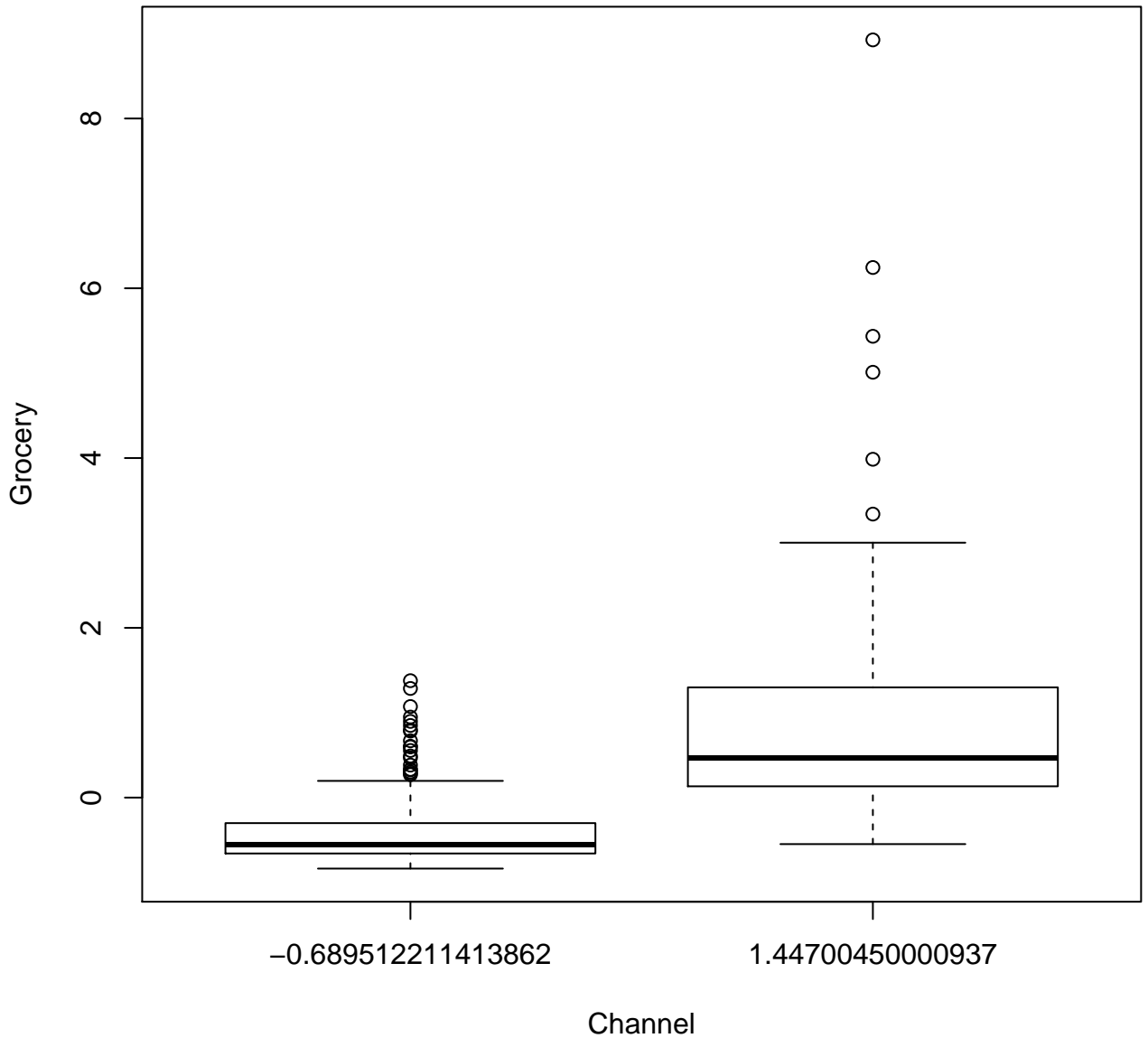


# Milk

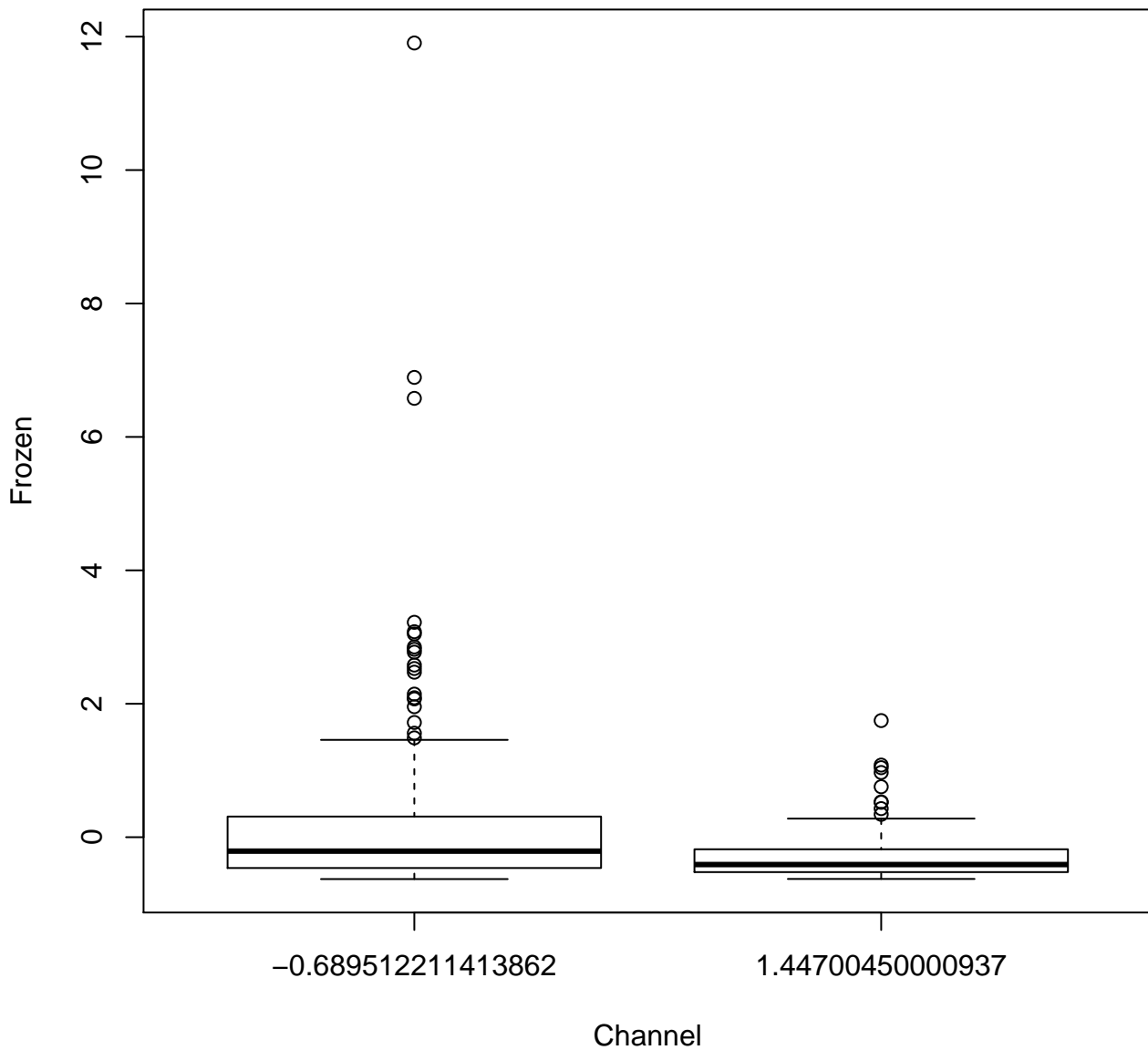




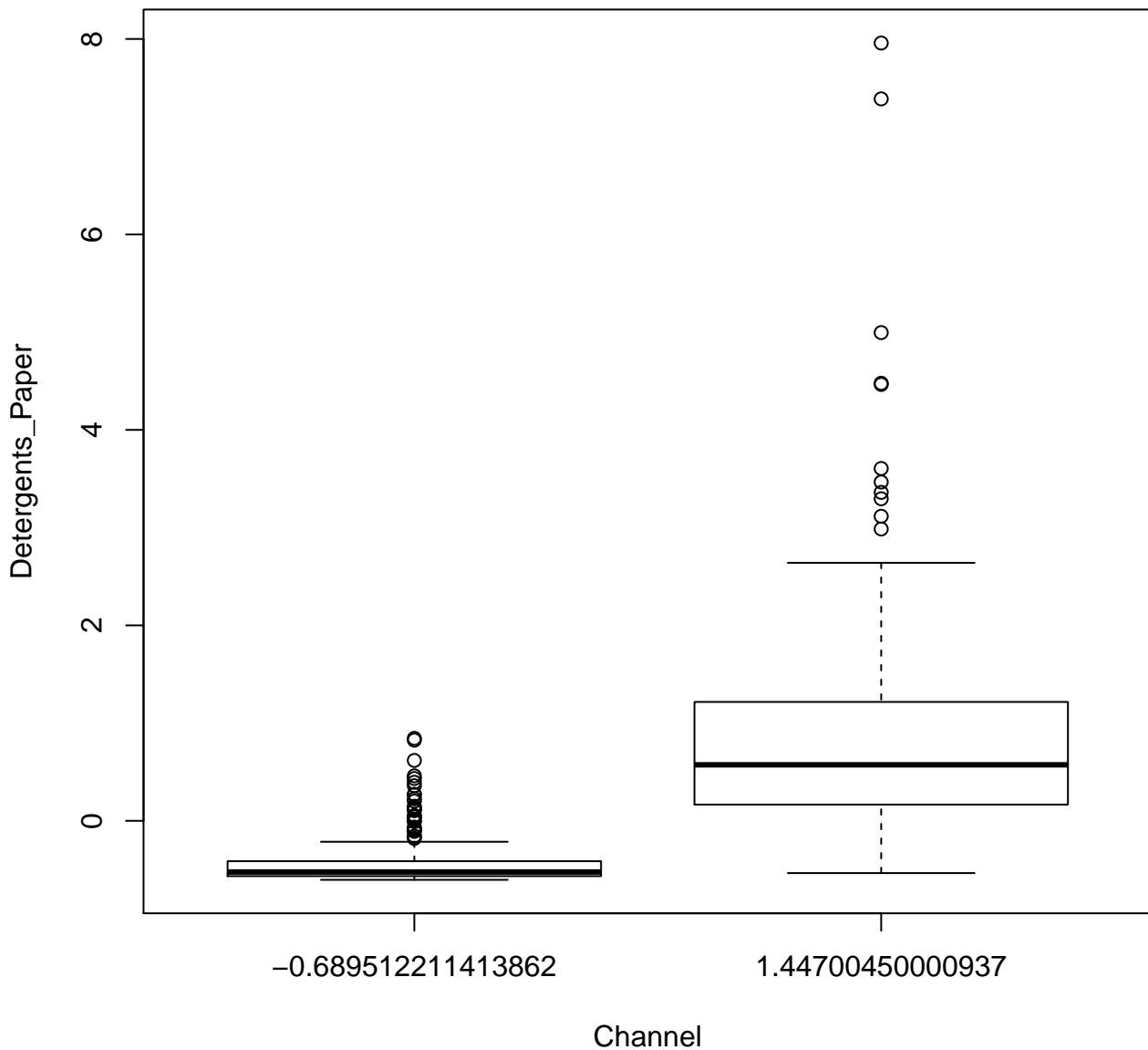
# Grocery



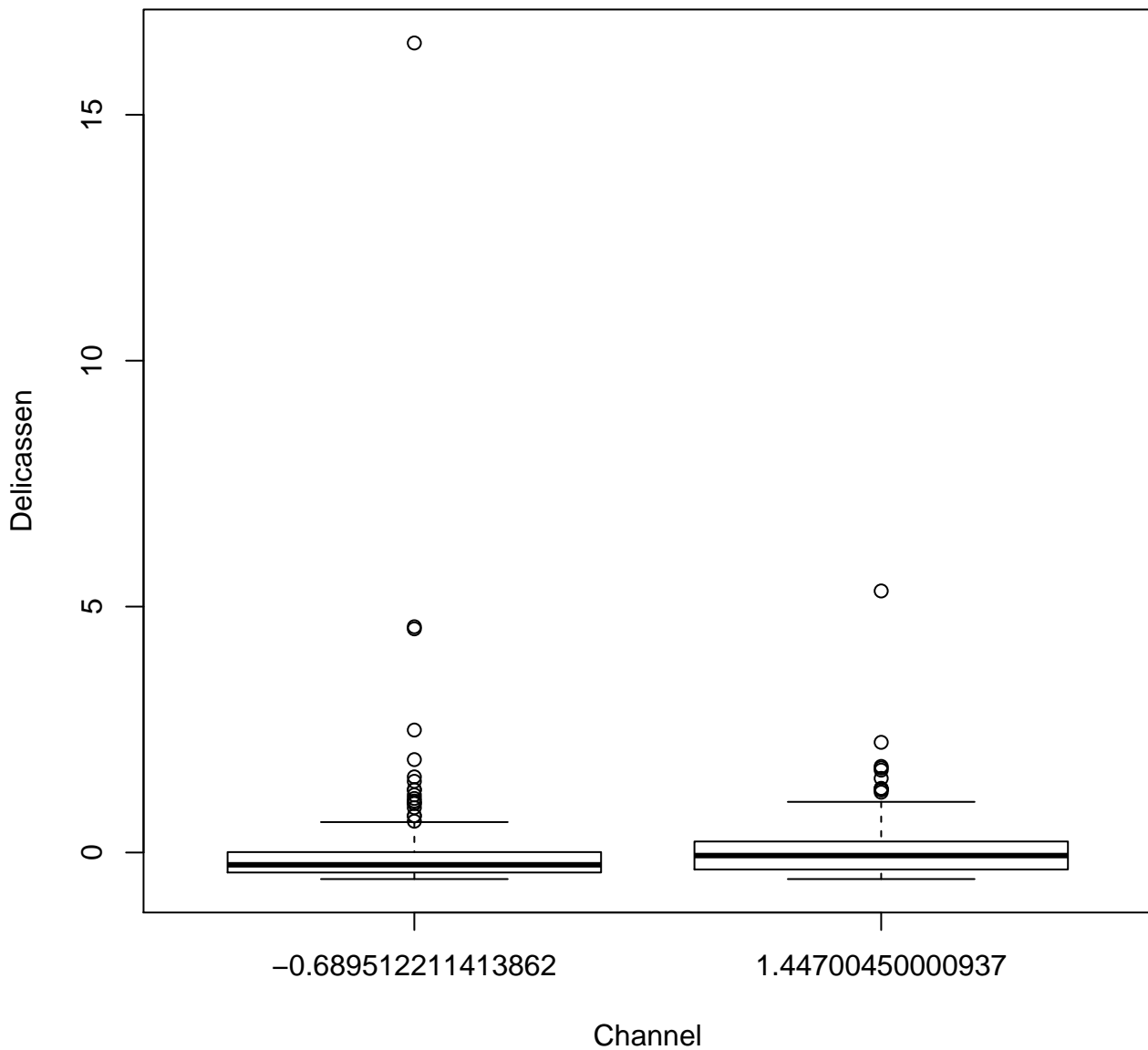
# Frozen



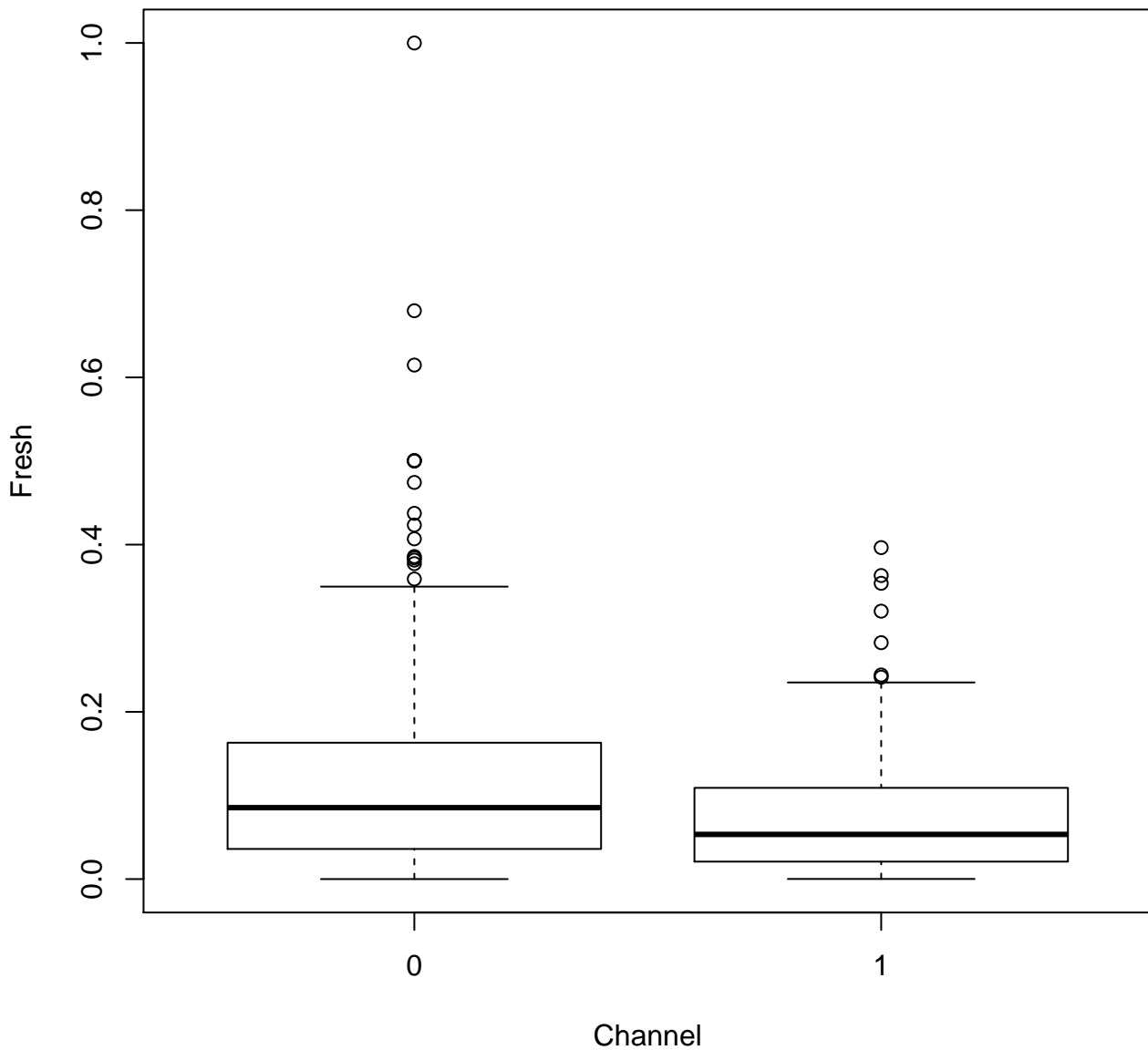
# Detergents\_Paper



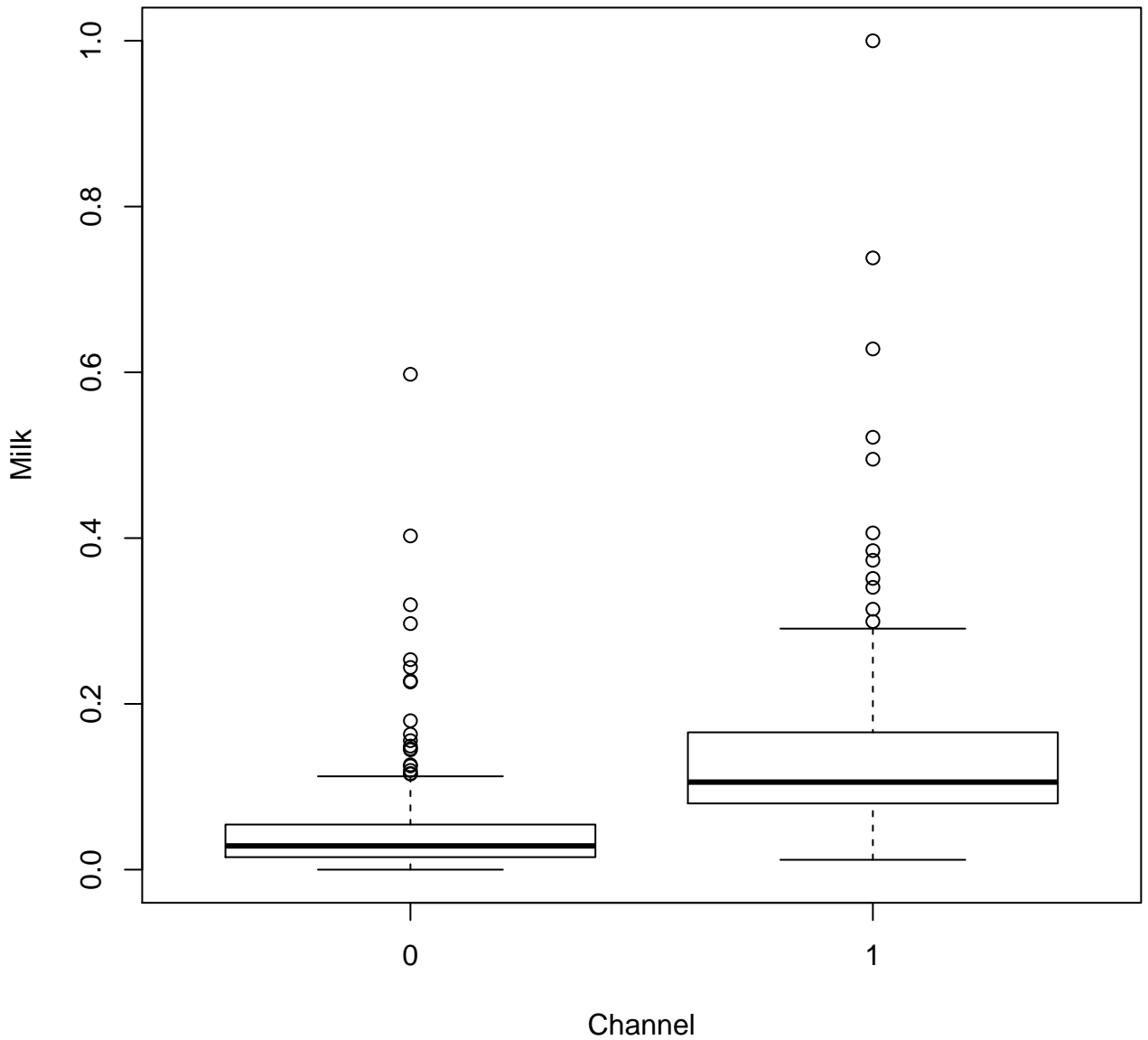
# Delicassen



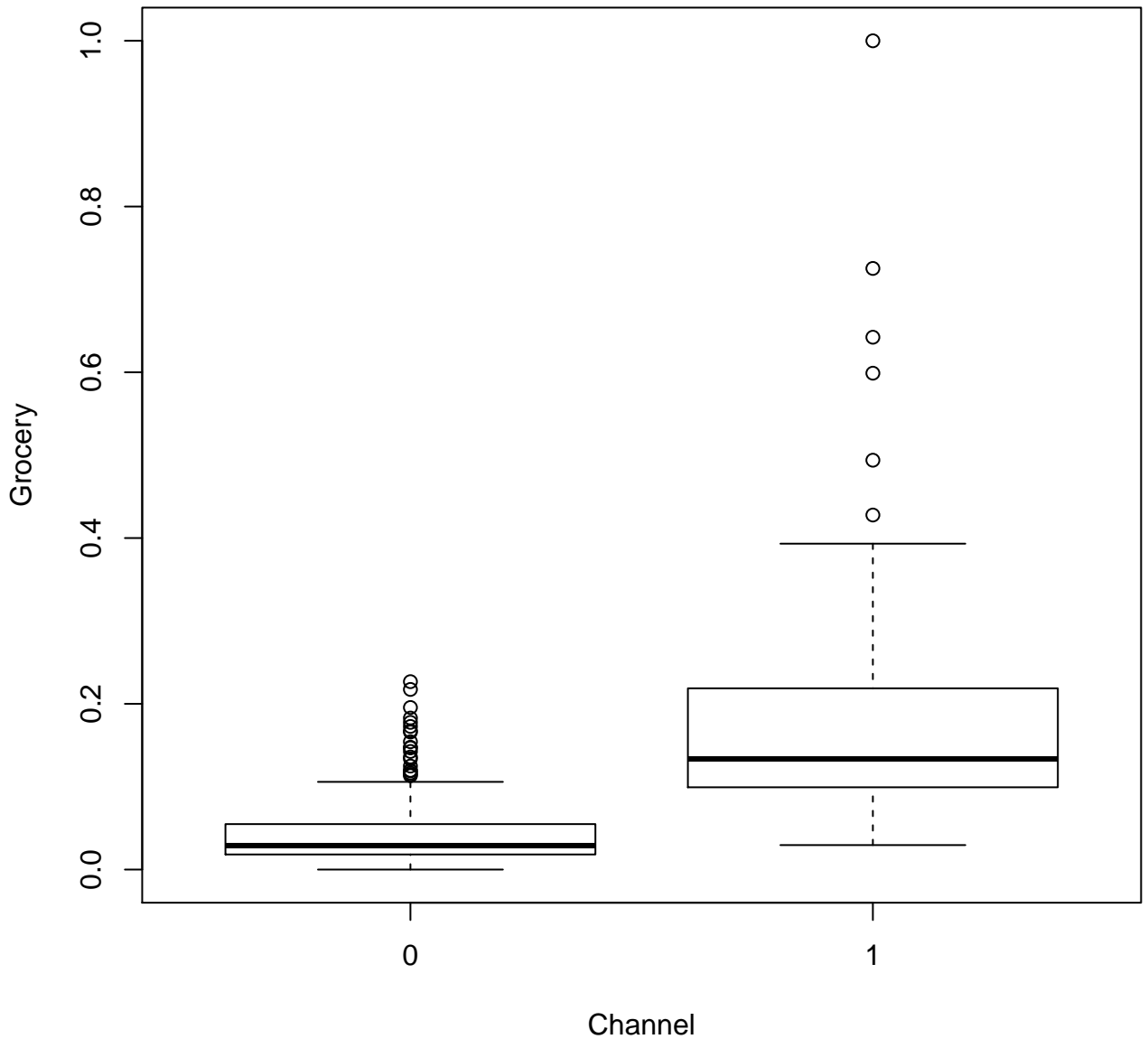
# Fresh



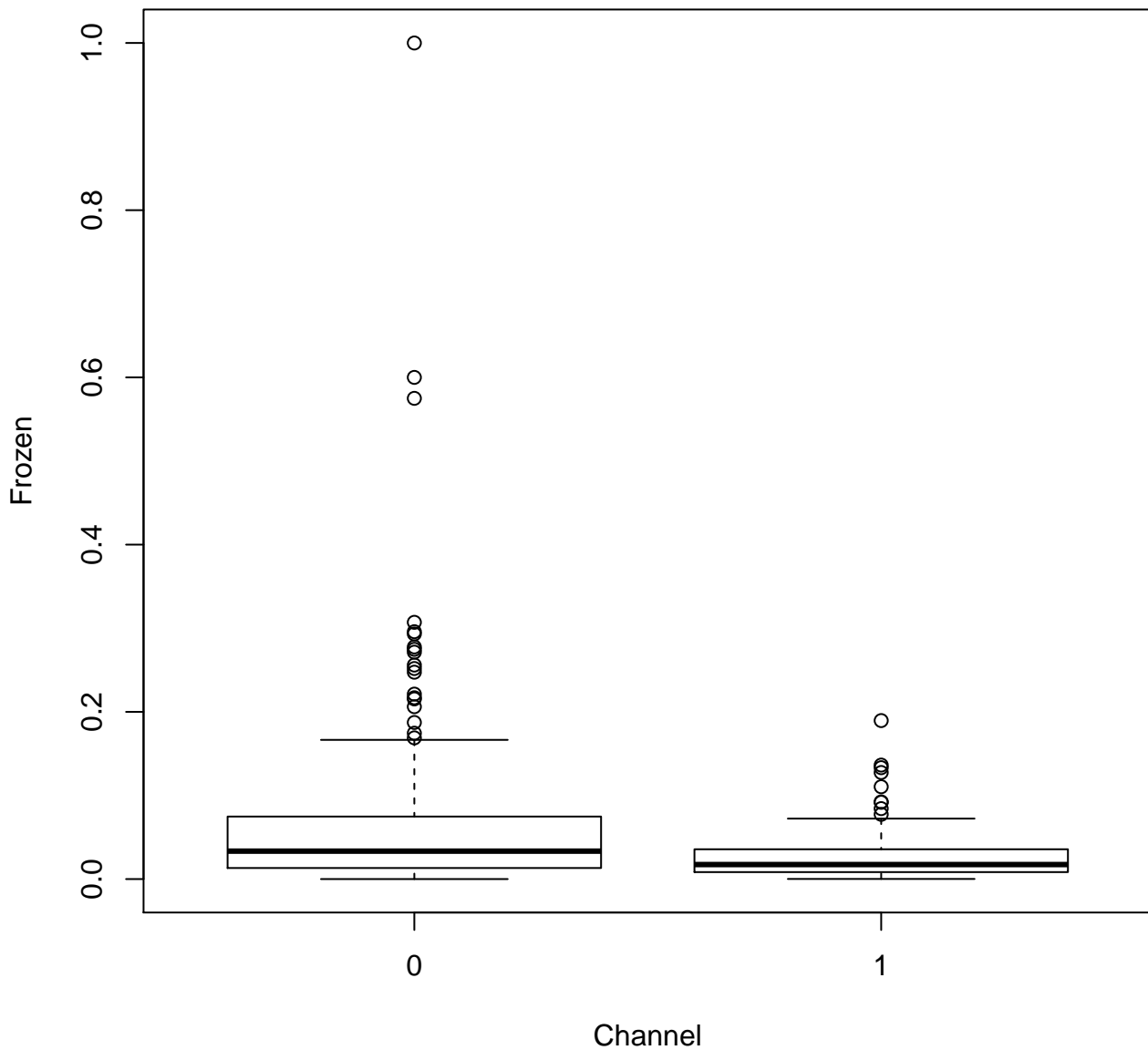
# Milk



# Grocery

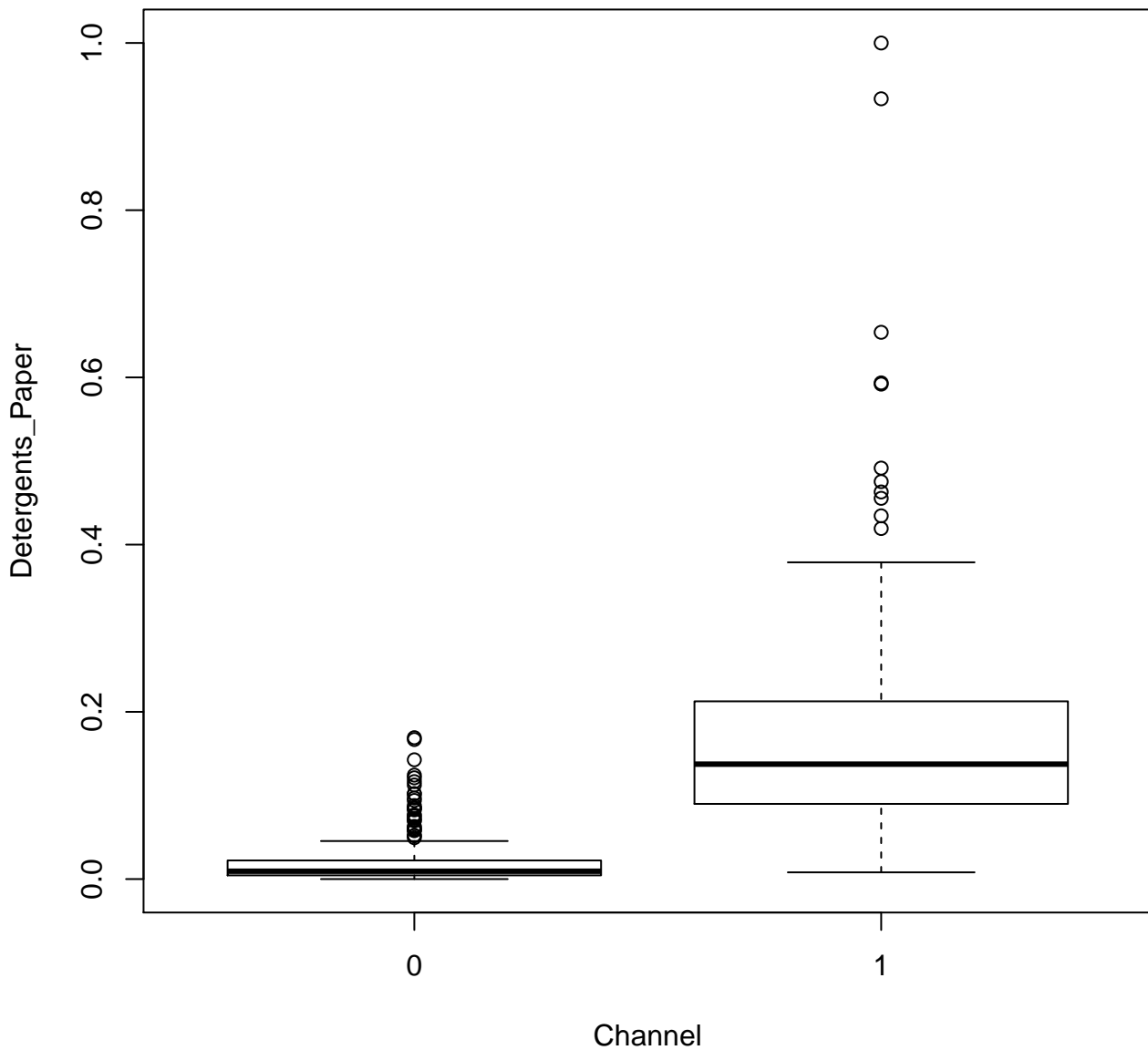


# Frozen

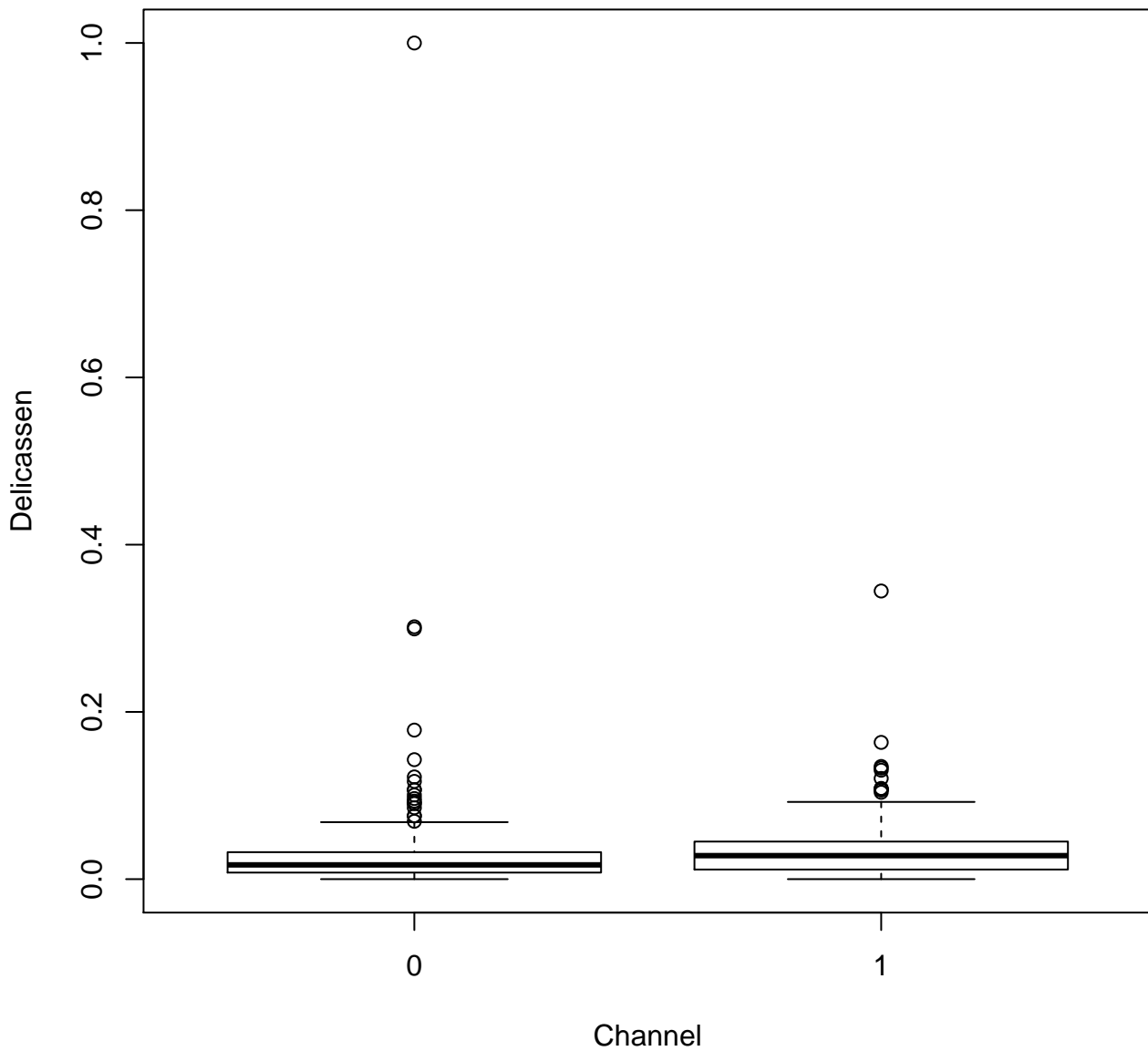




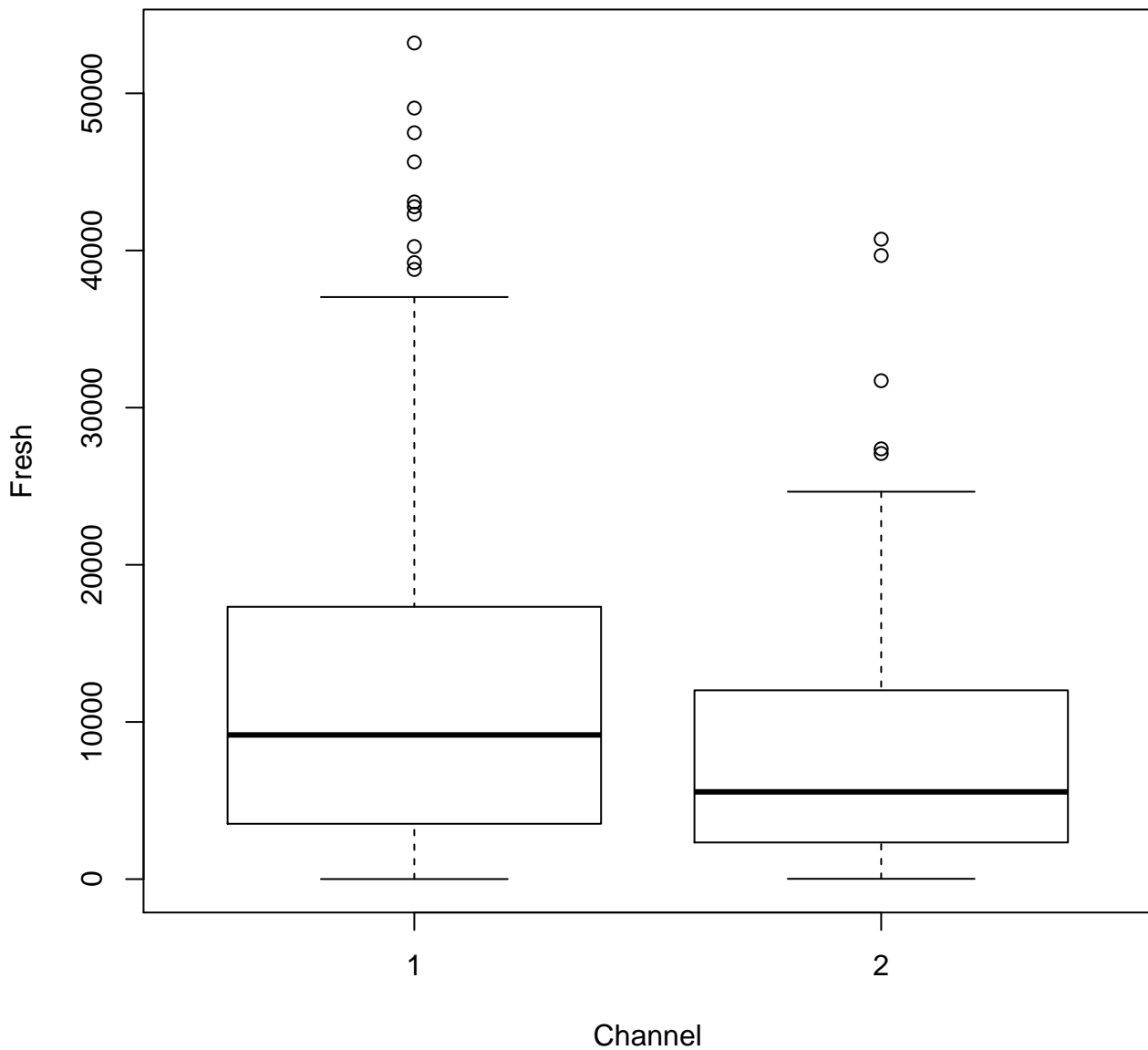
# Detergents\_Paper



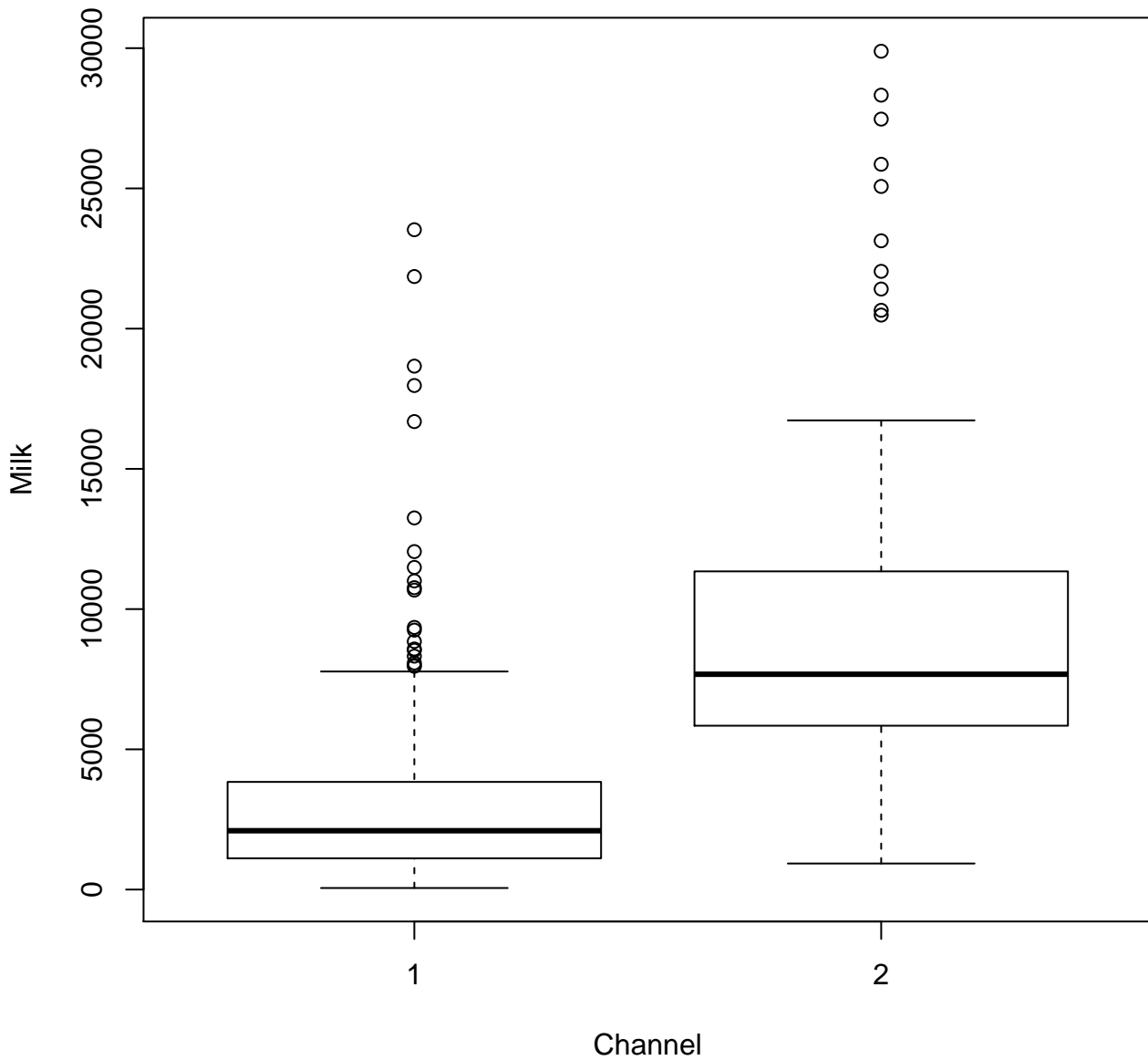
# Delicassen



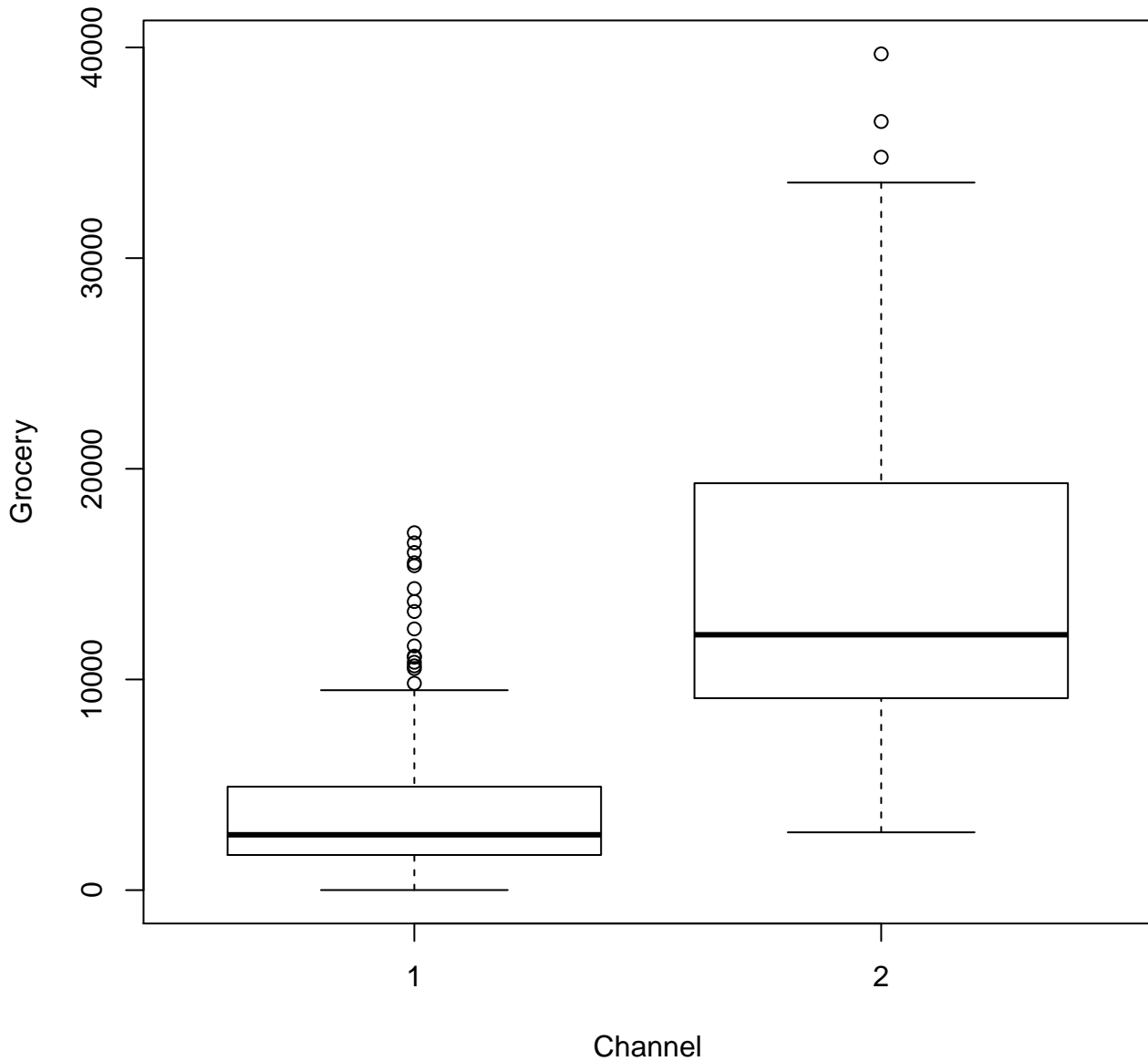
# Fresh



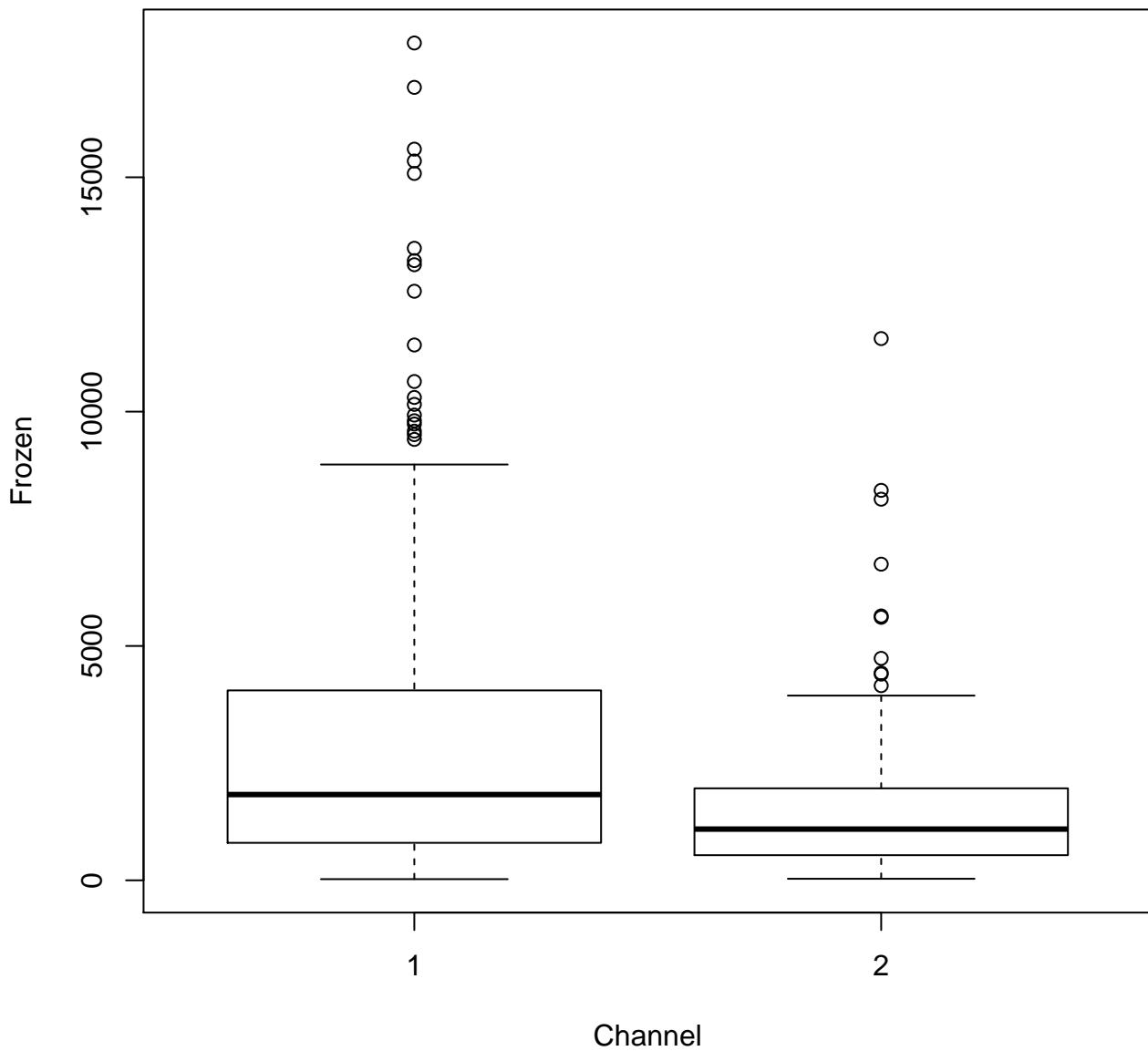
# Milk



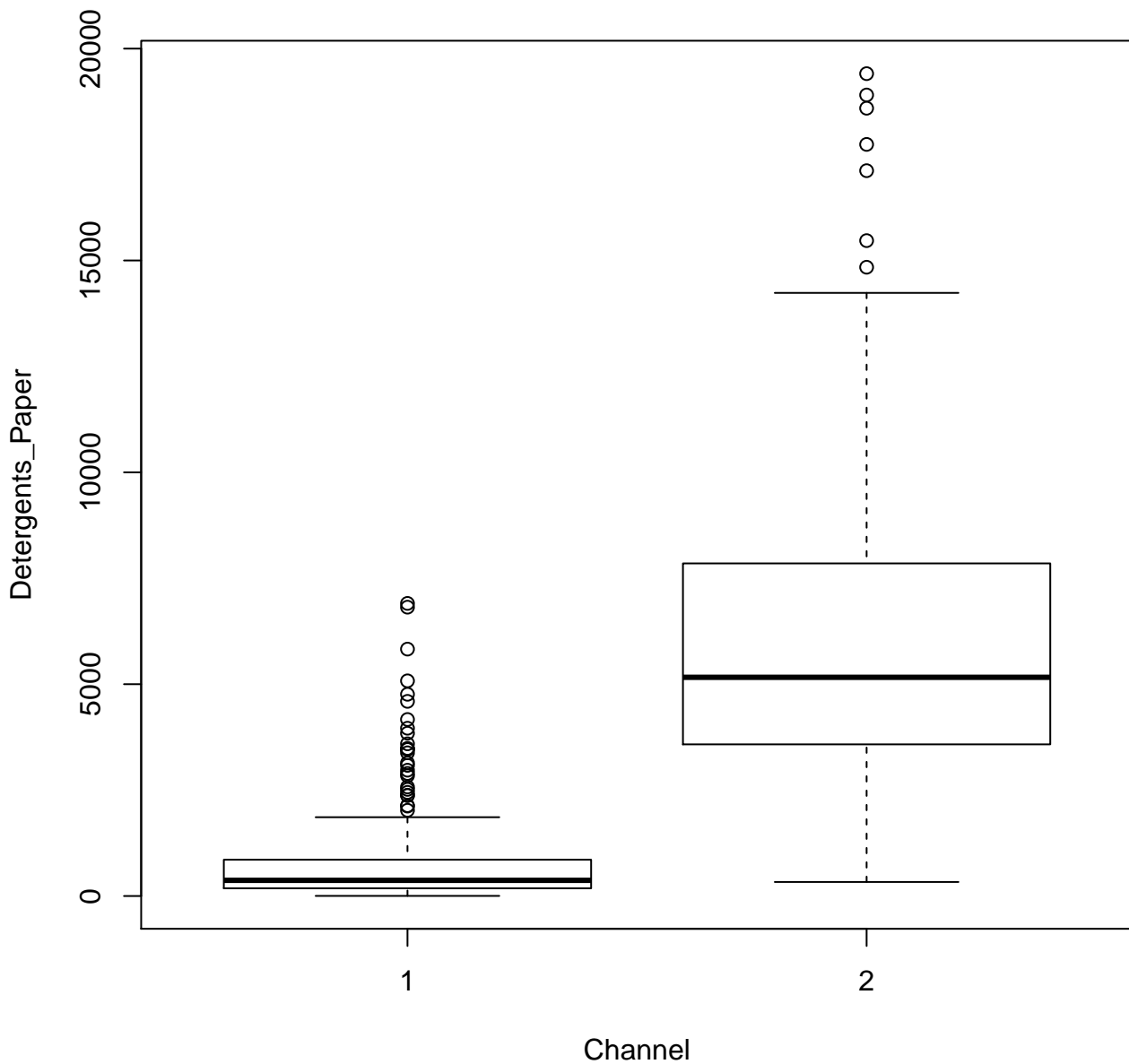
# Grocery



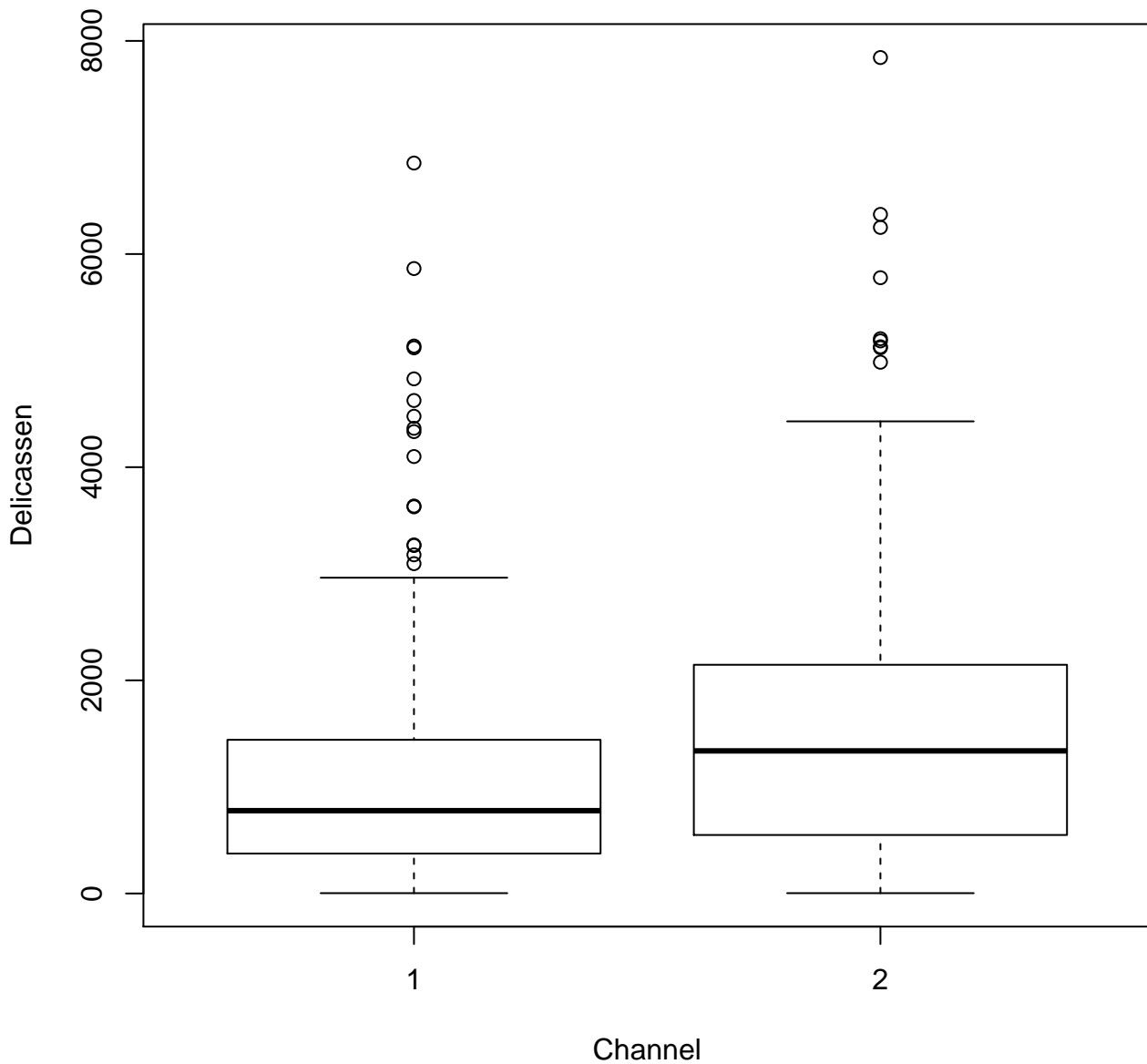
# Frozen



# Detergents\_Paper

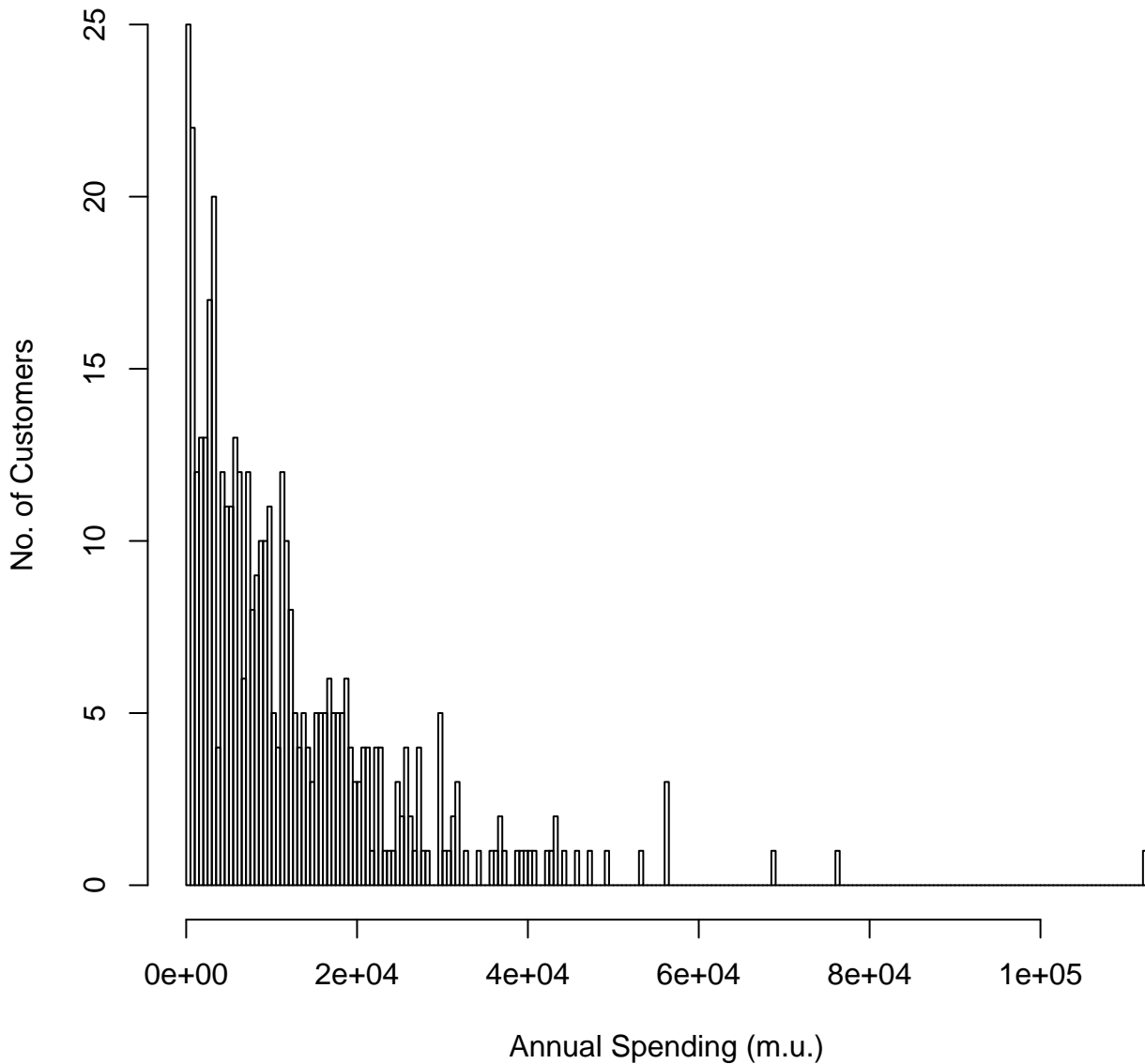


# Delicassen

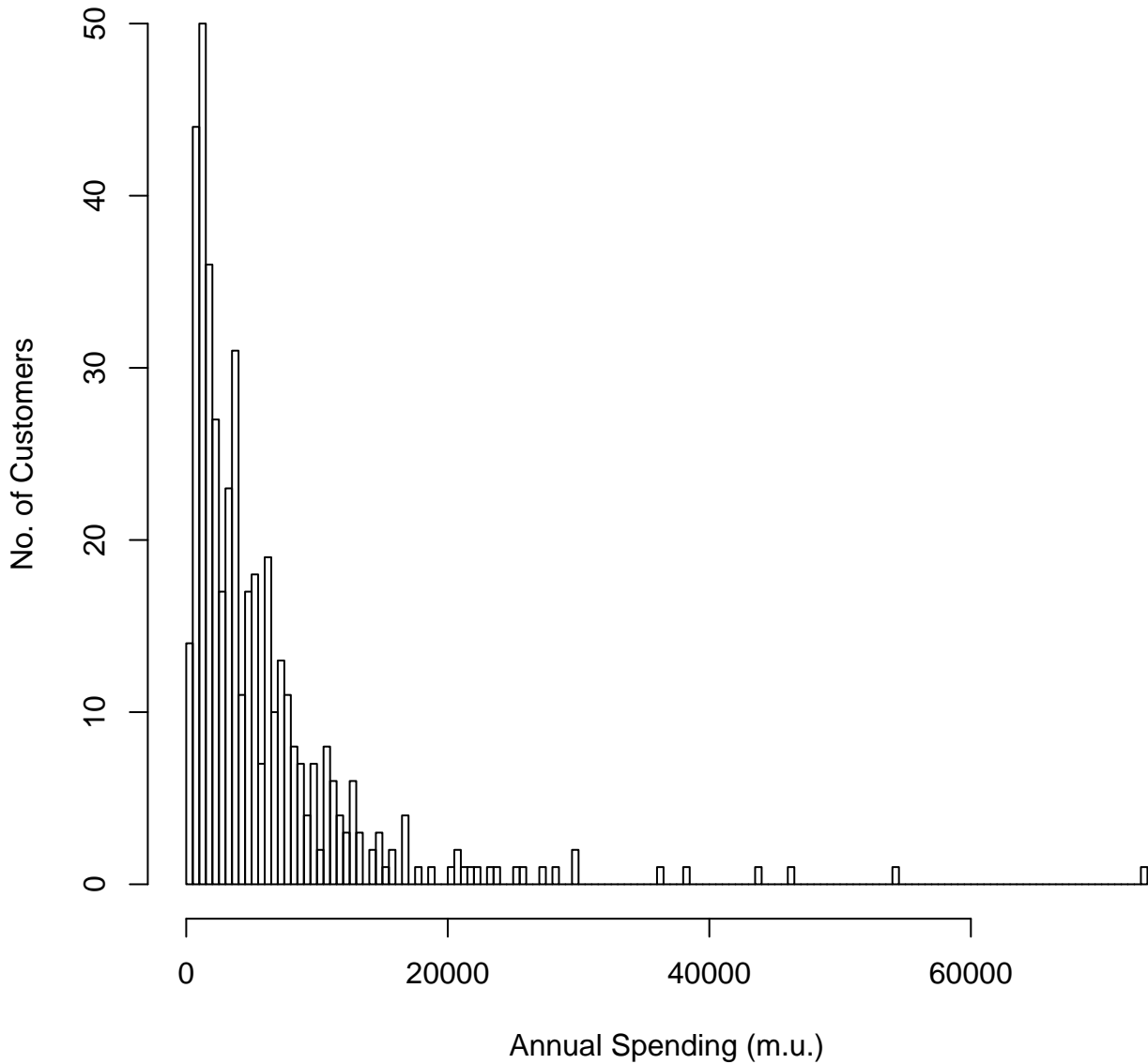




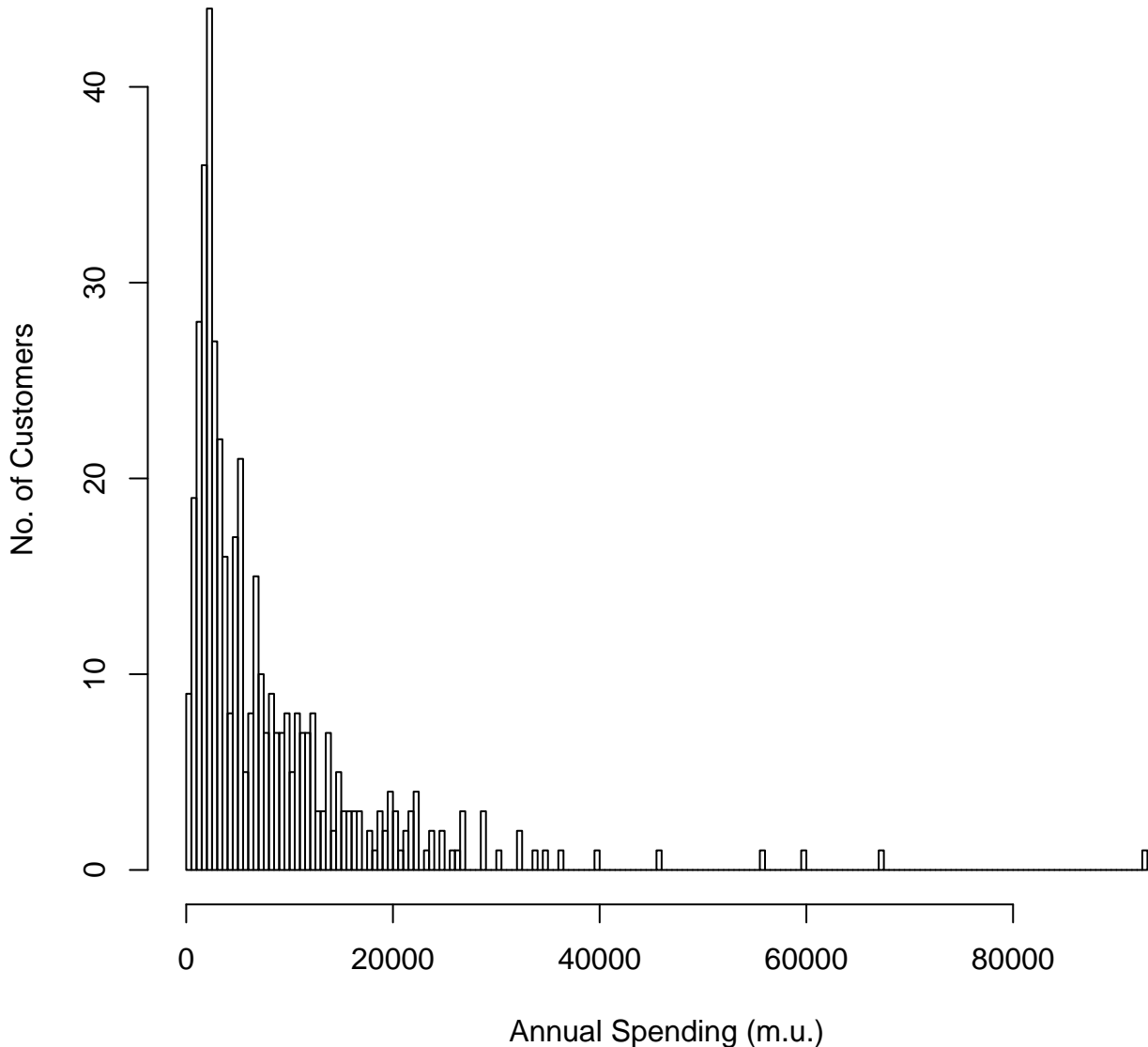
# Fresh



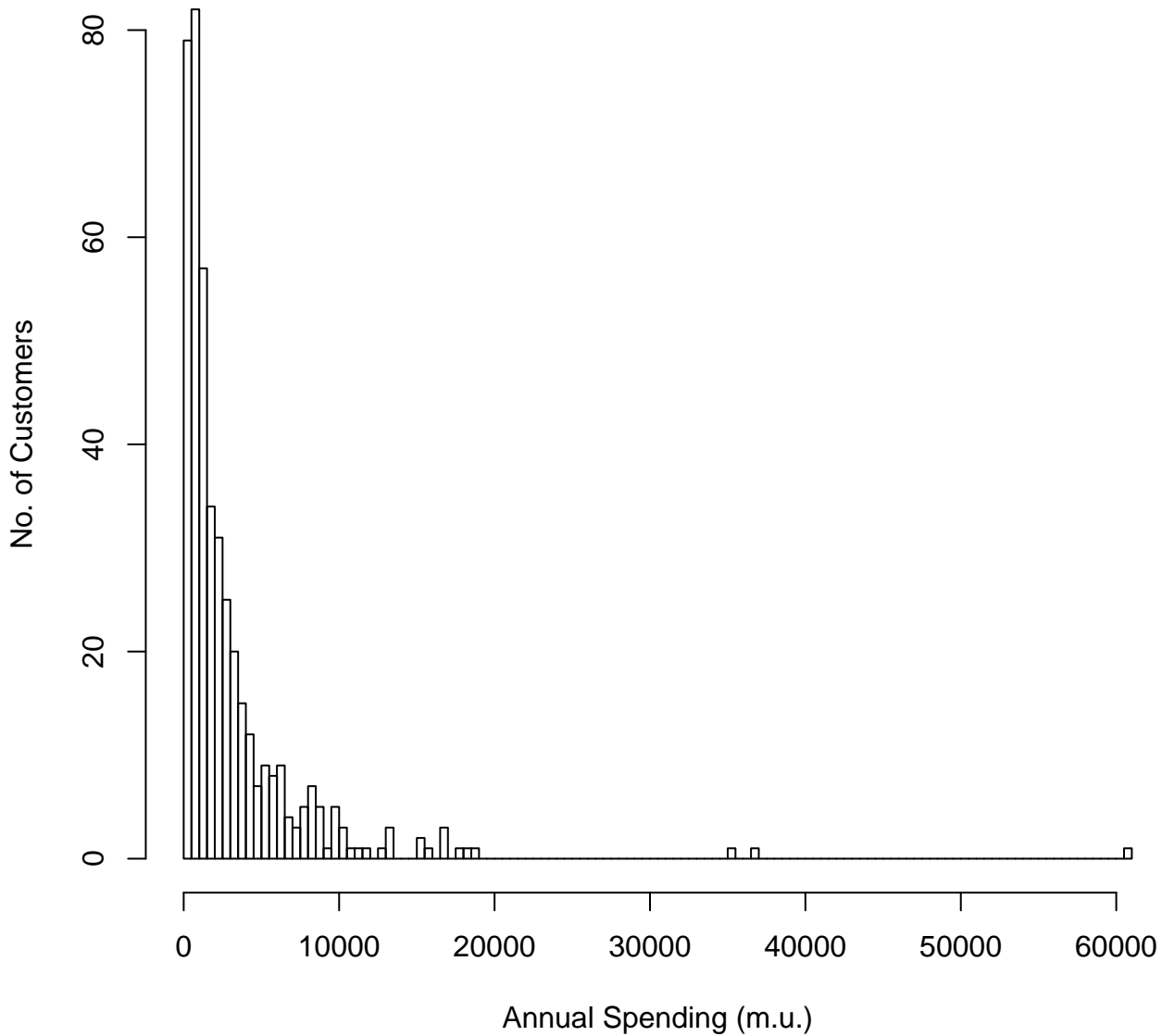
# Milk



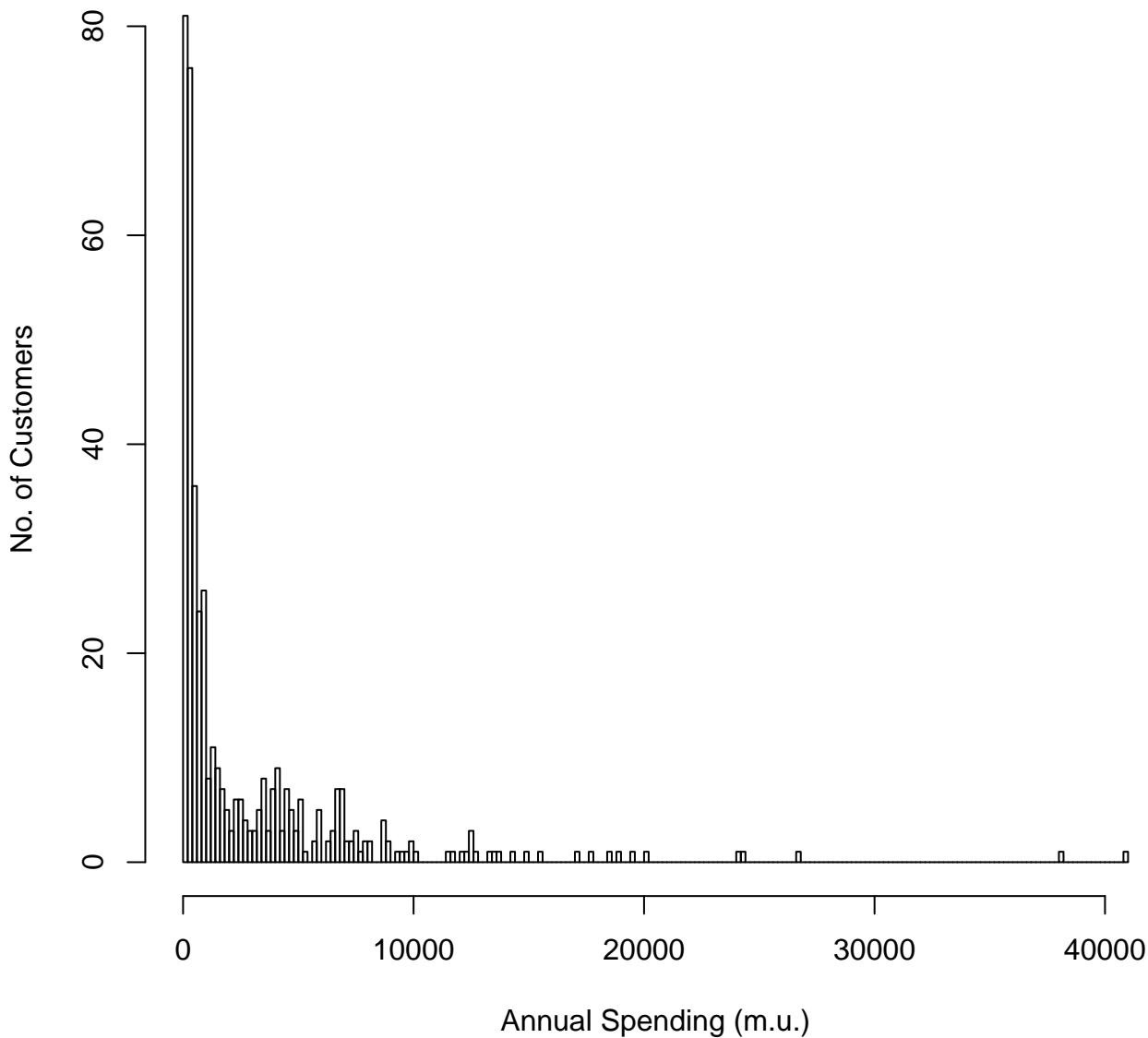
**Grocery**



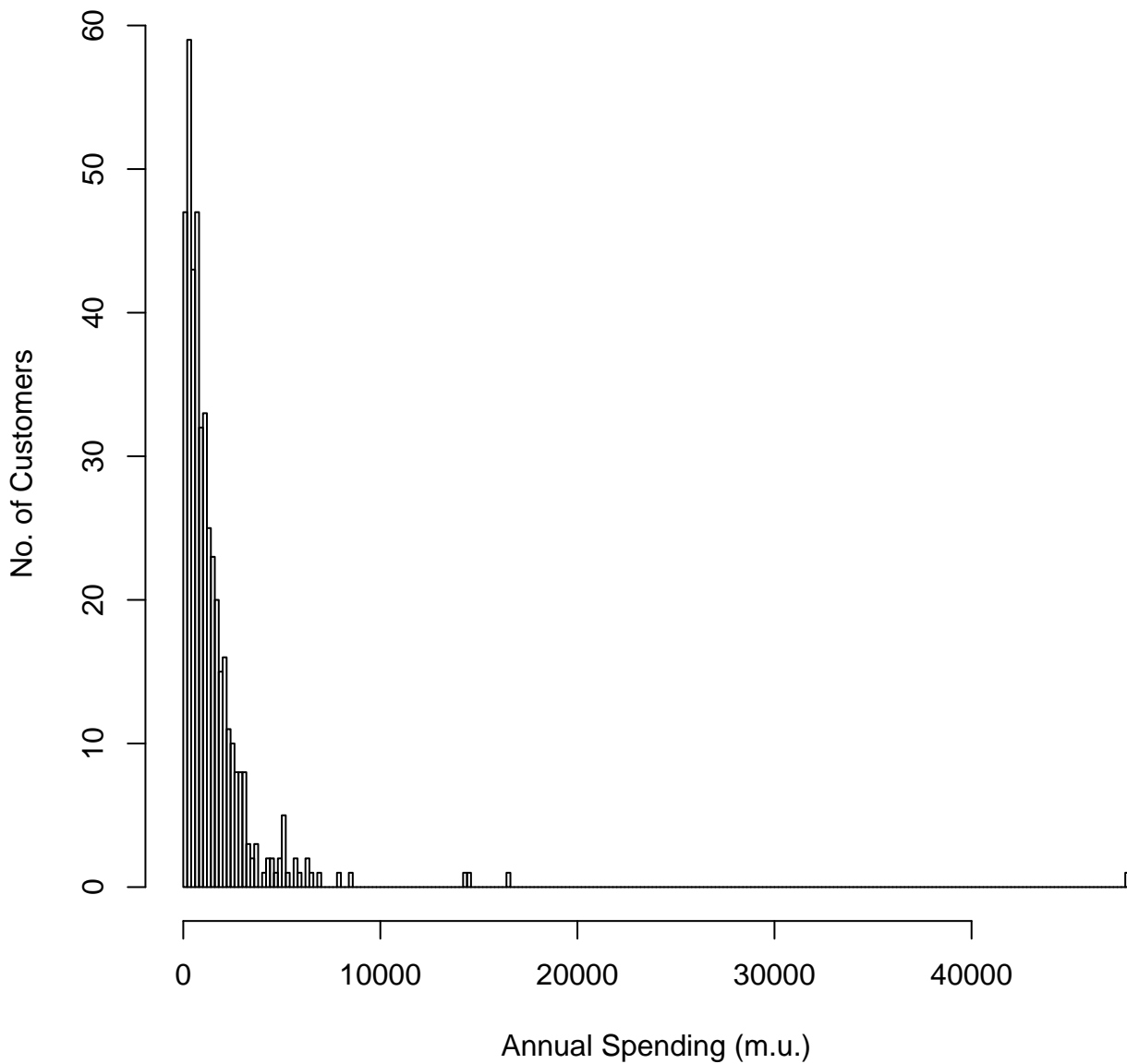
## Frozen



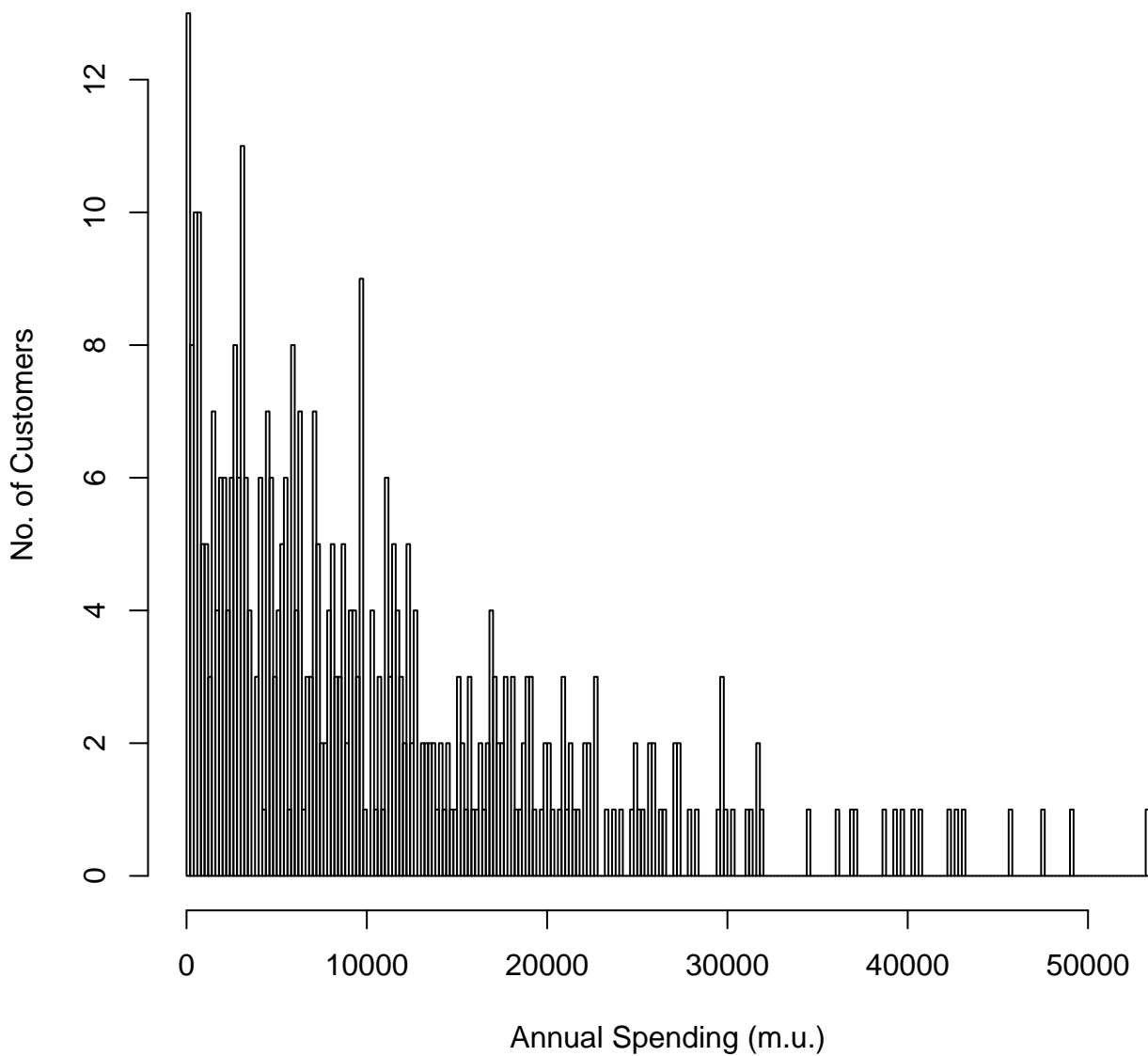
# Detergents\_Paper



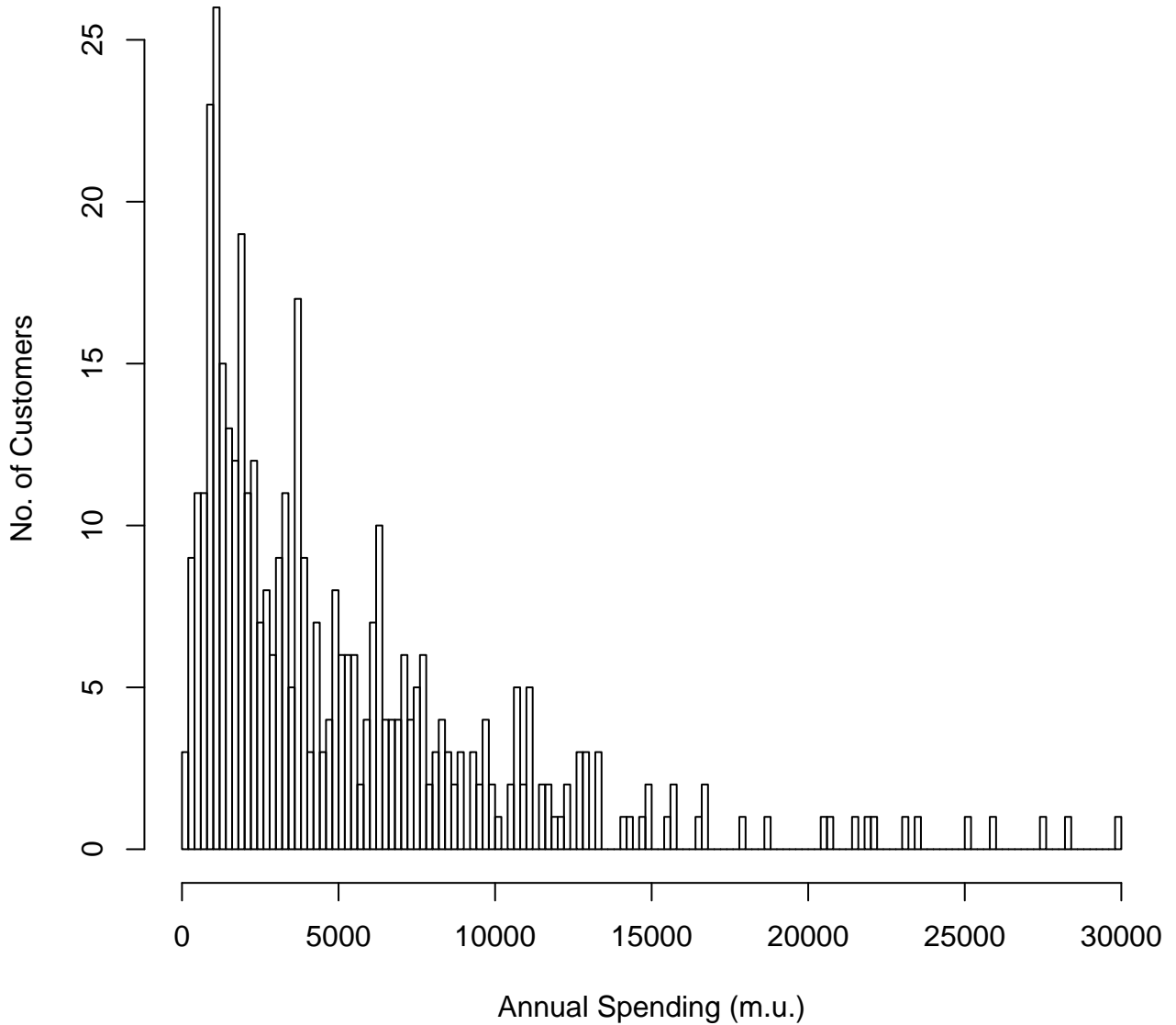
# Delicassen



# Fresh

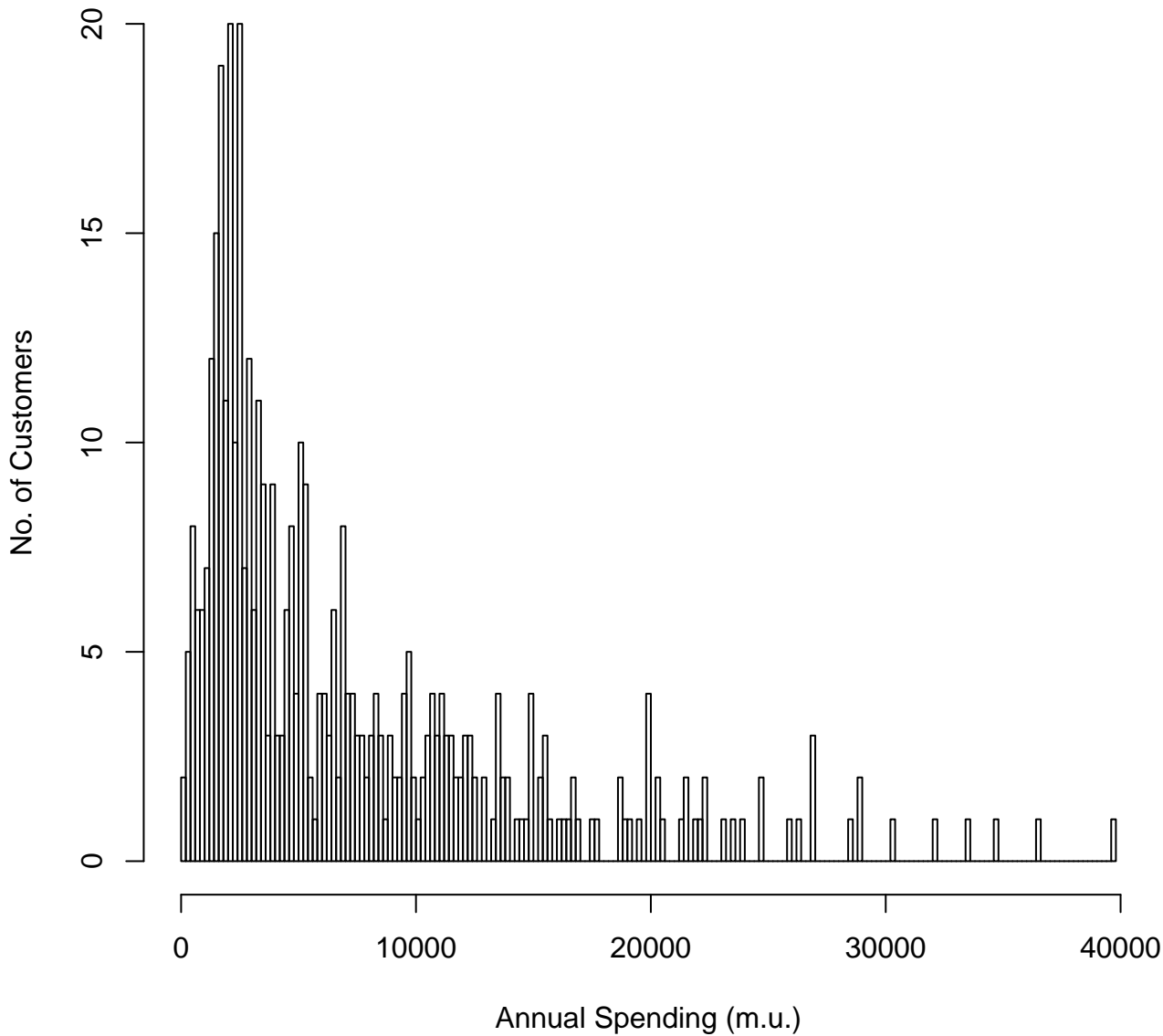


# Milk

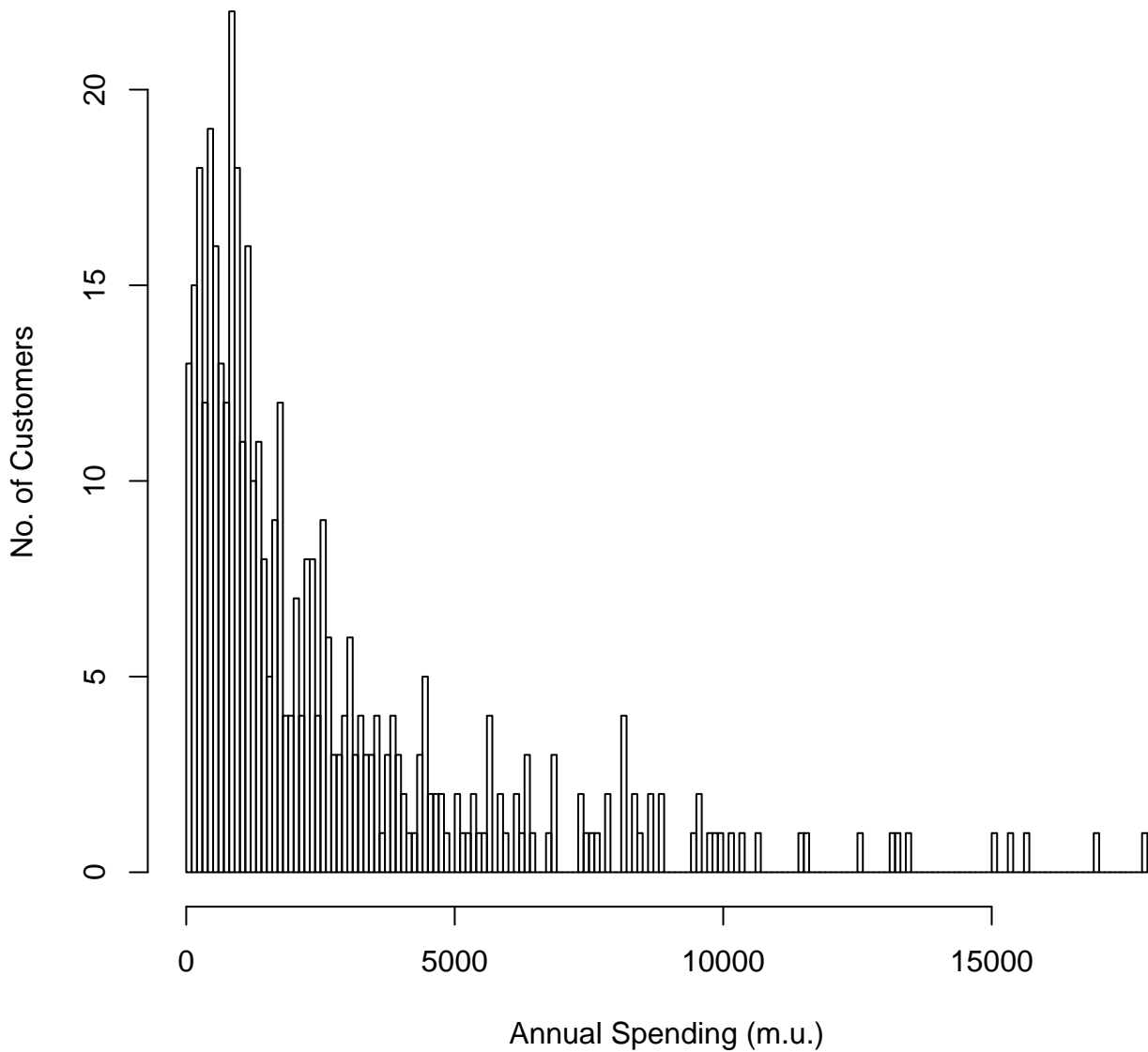




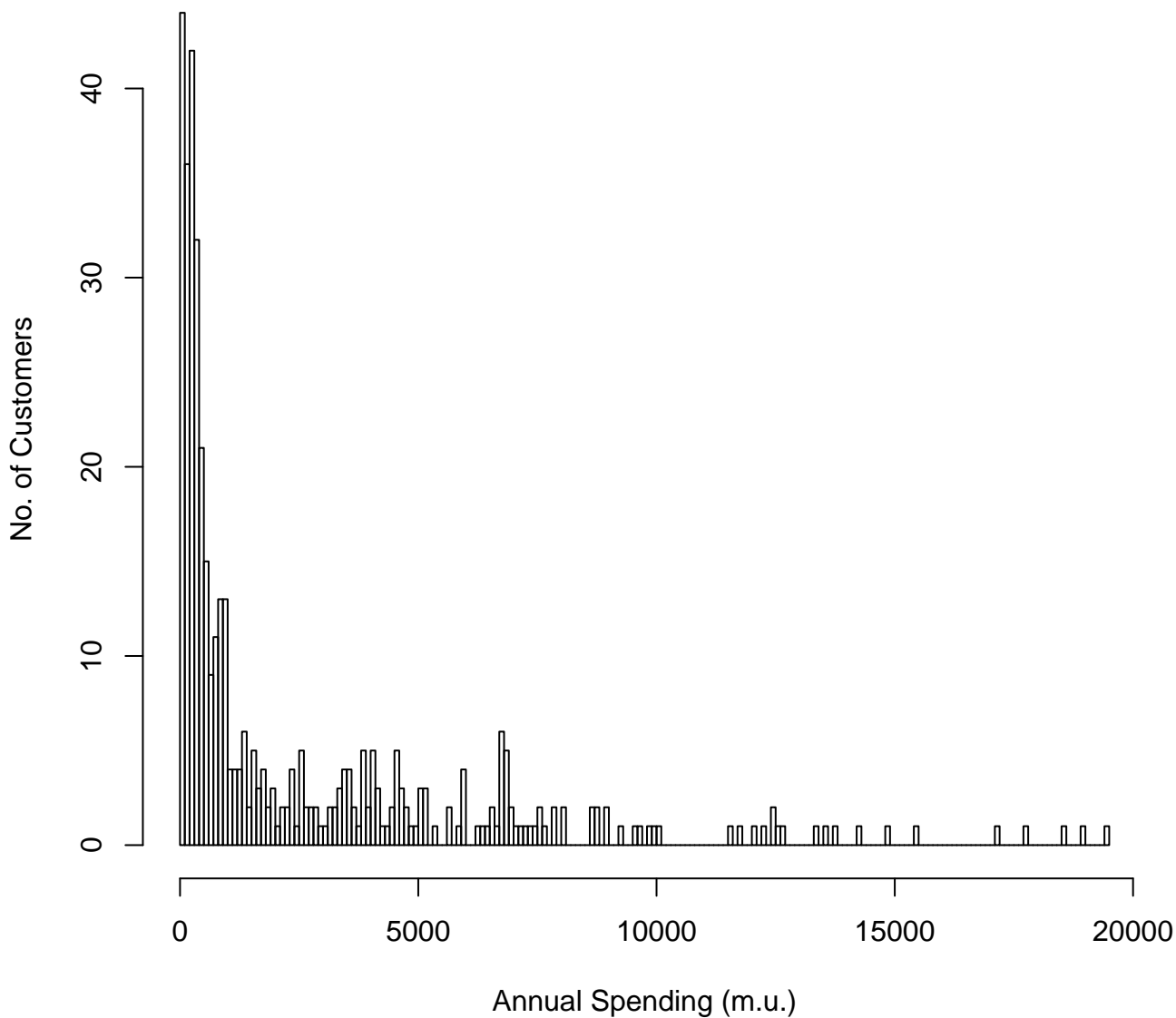
# Grocery



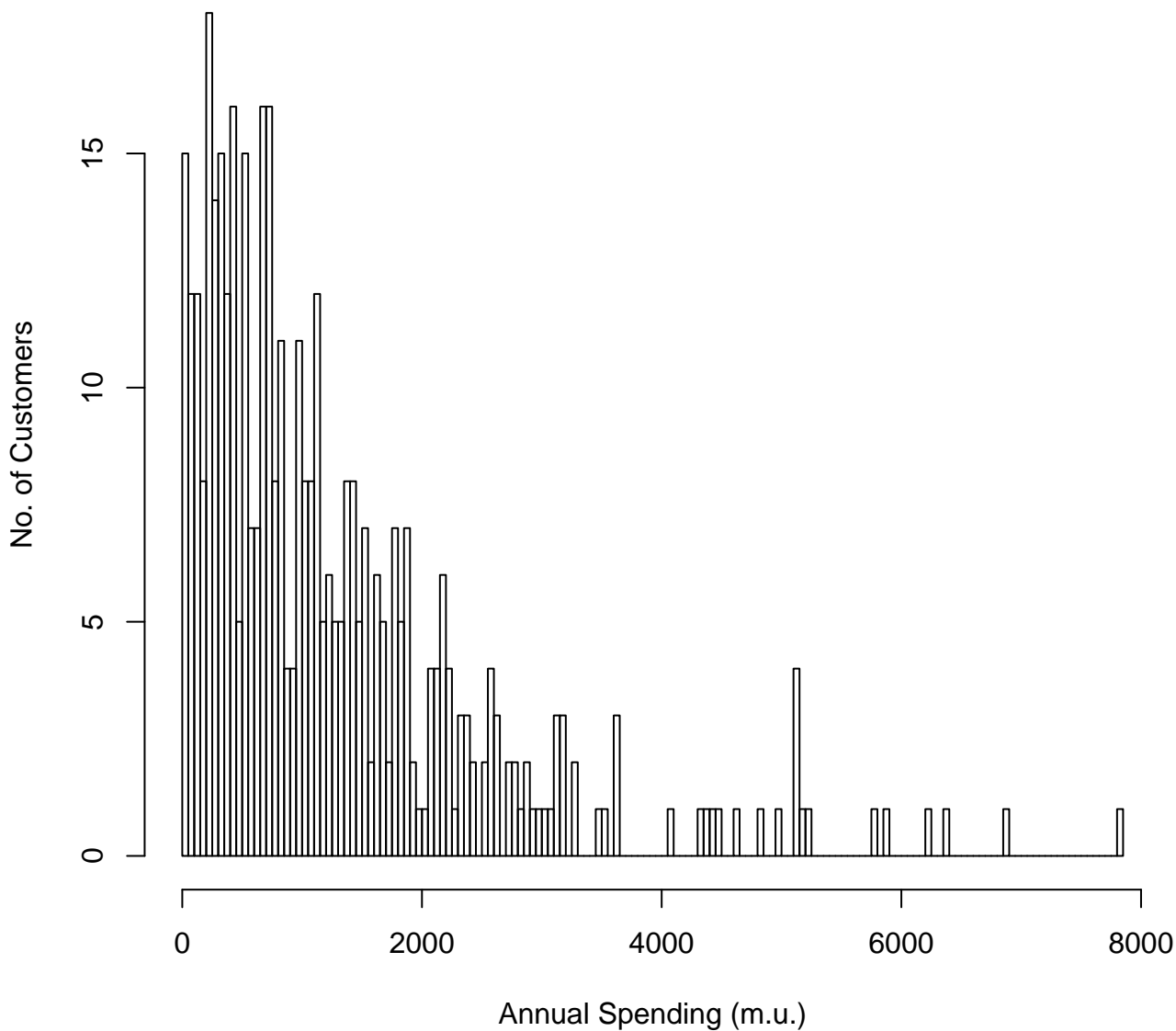
# Frozen



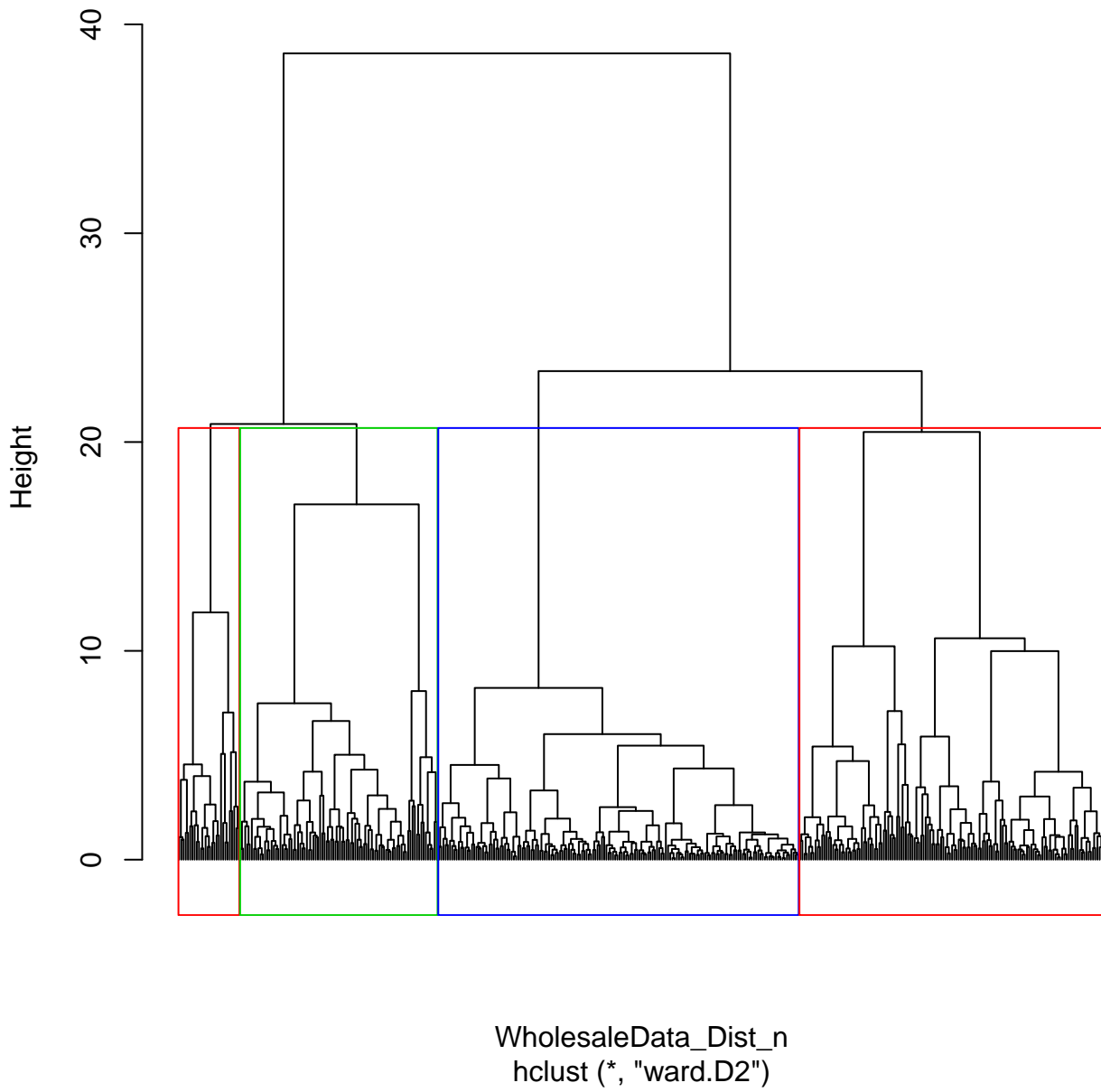
# Detergents\_Paper



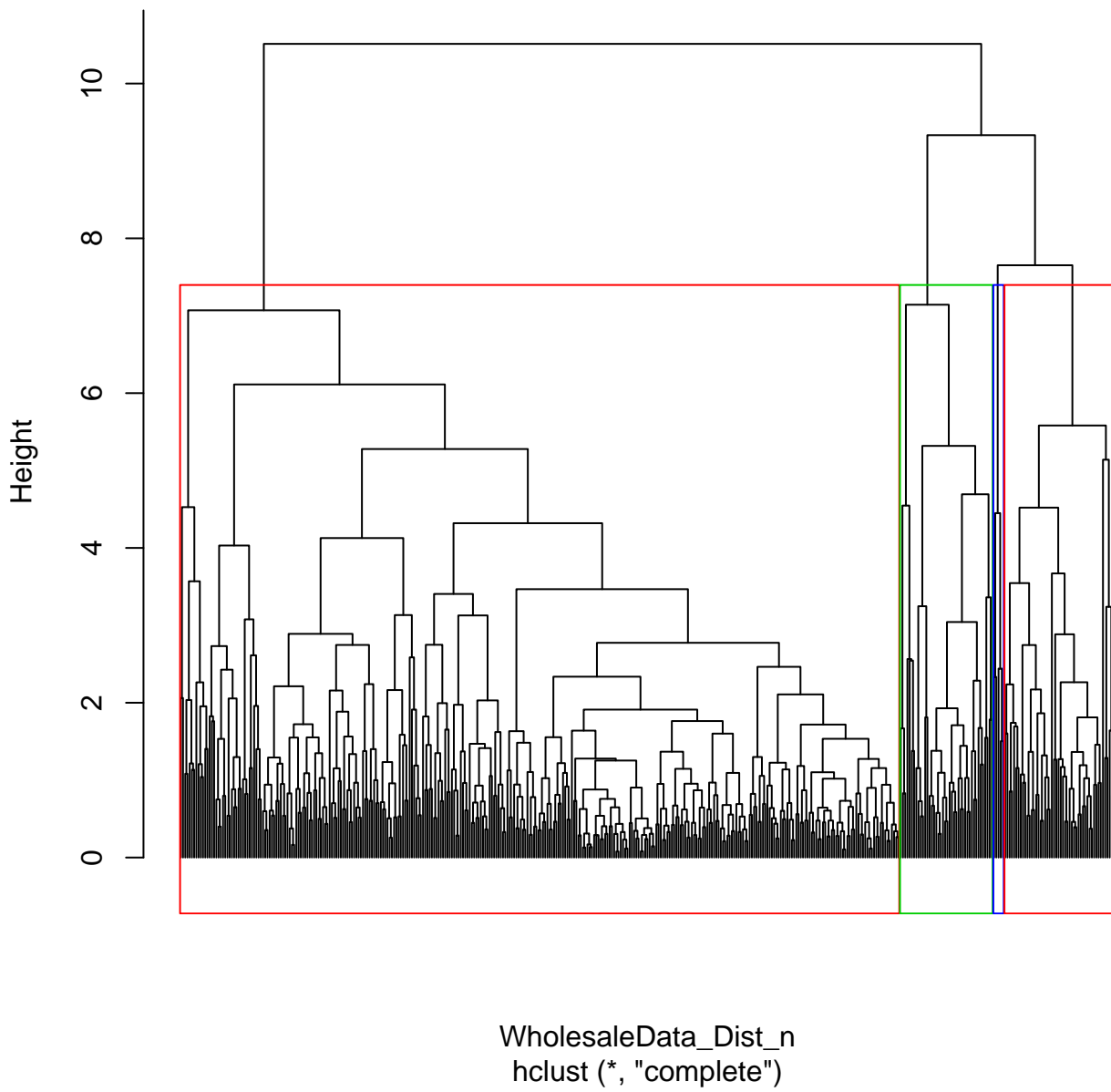
# Delicassen



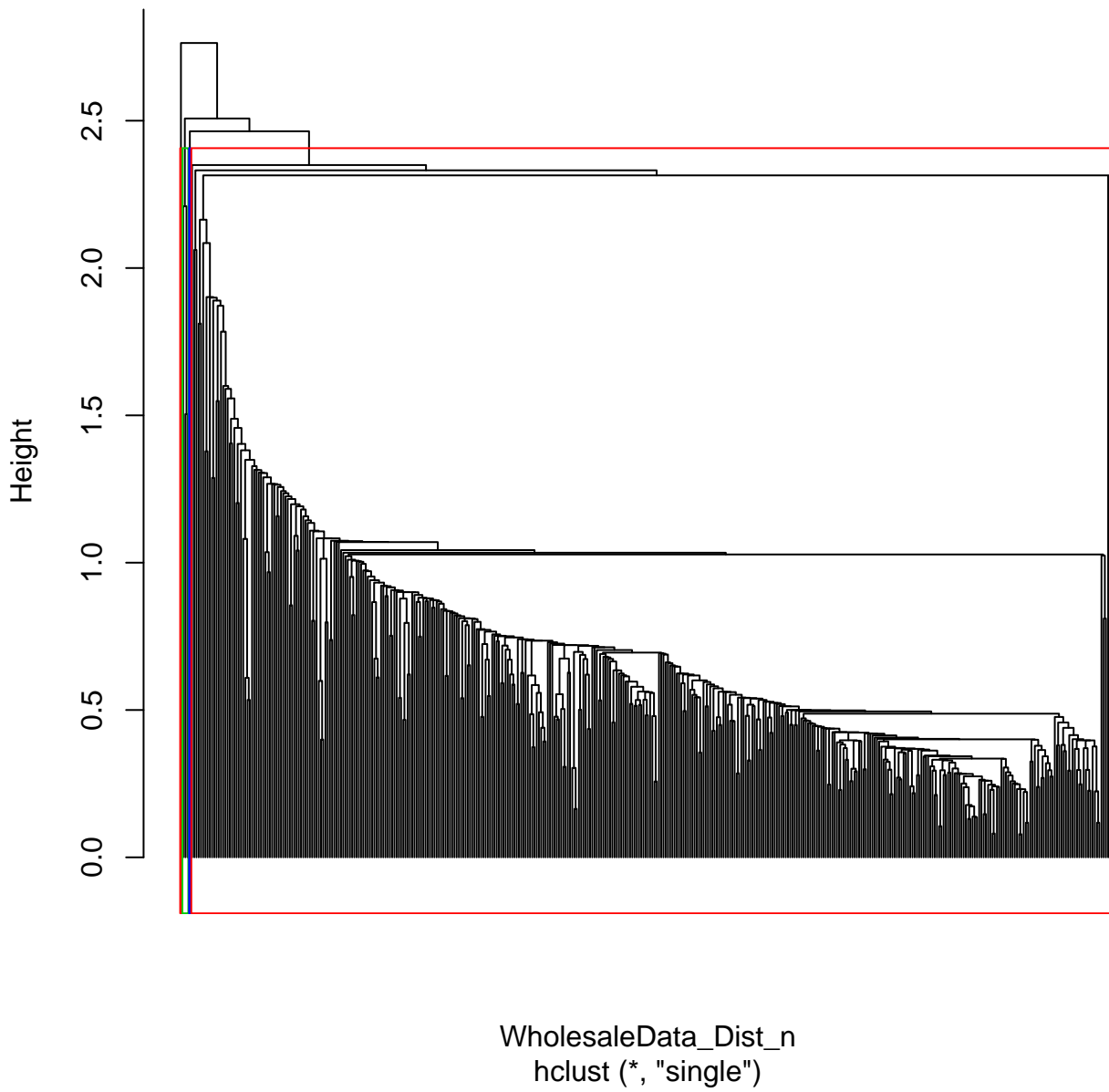
# Cluster Dendrogram



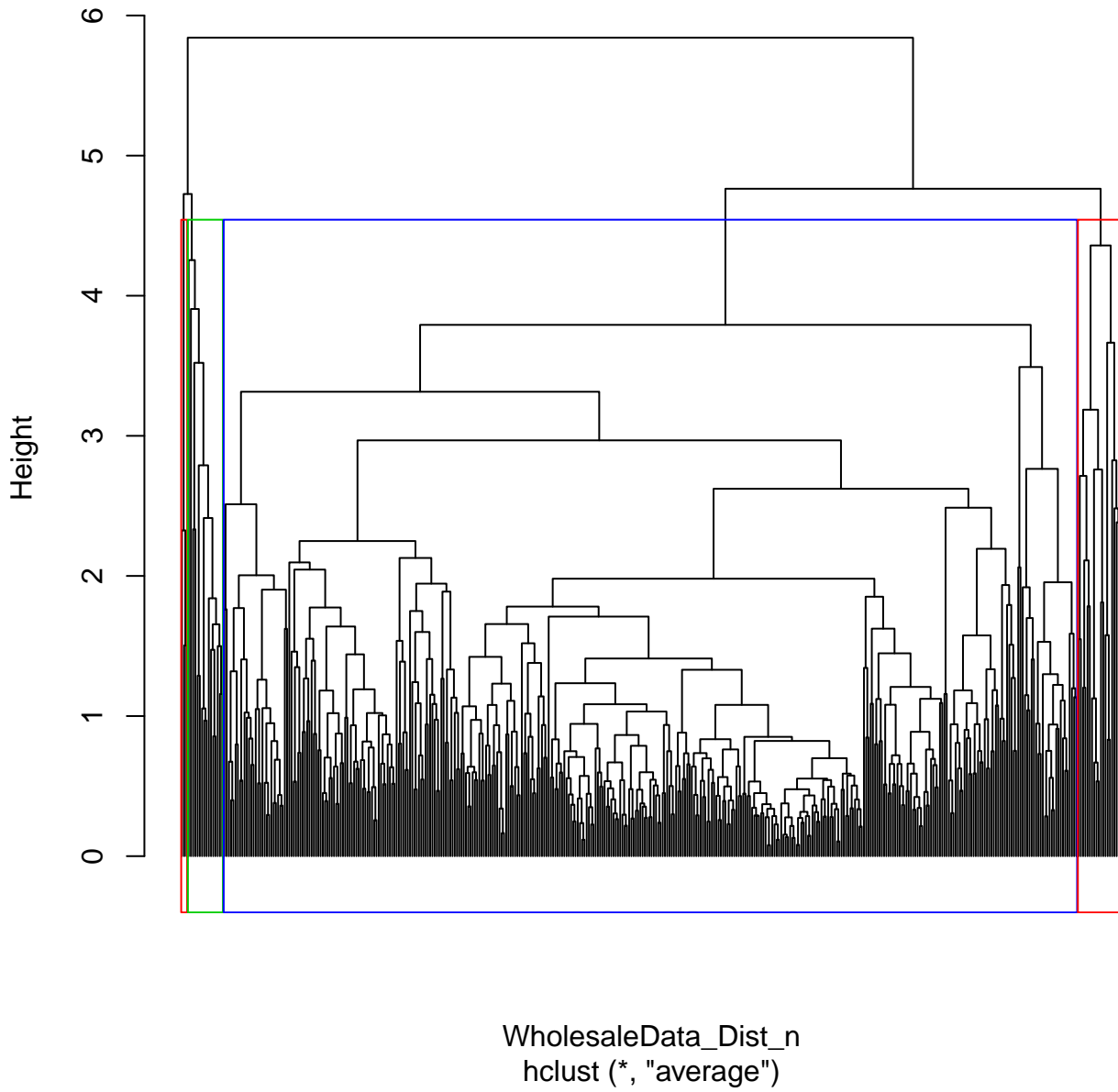
# Cluster Dendrogram



# Cluster Dendrogram

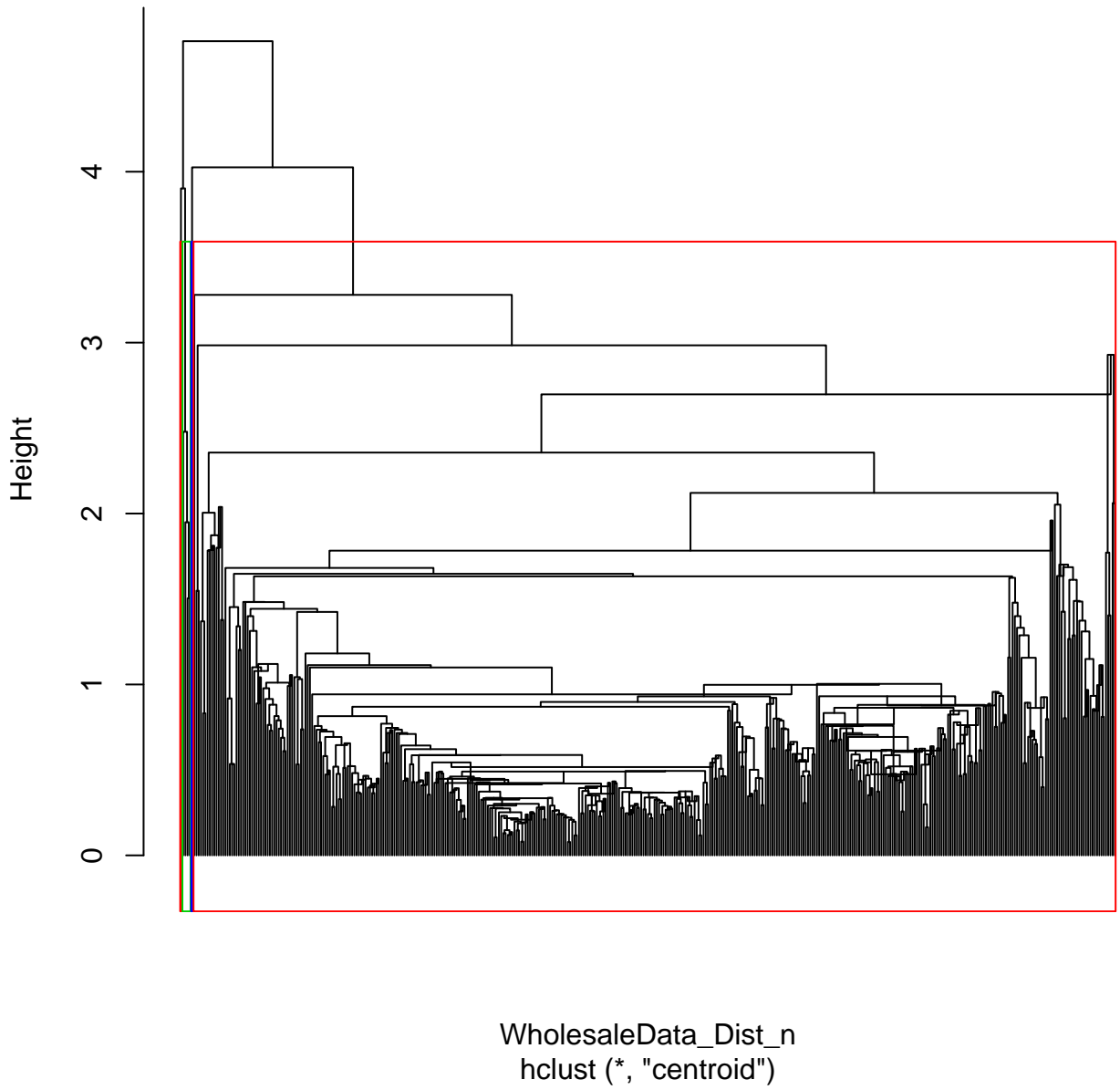


# Cluster Dendrogram

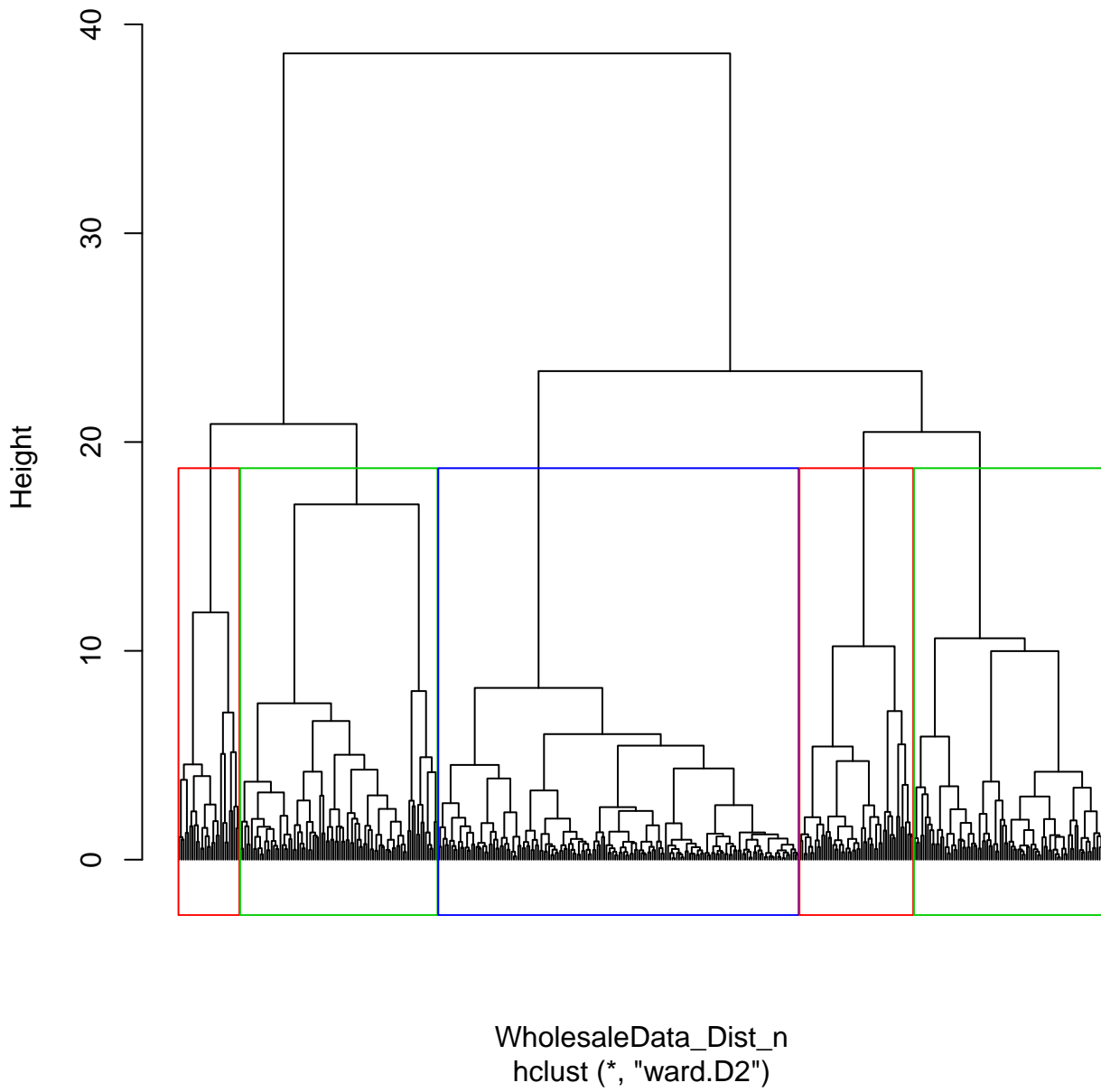




# Cluster Dendrogram



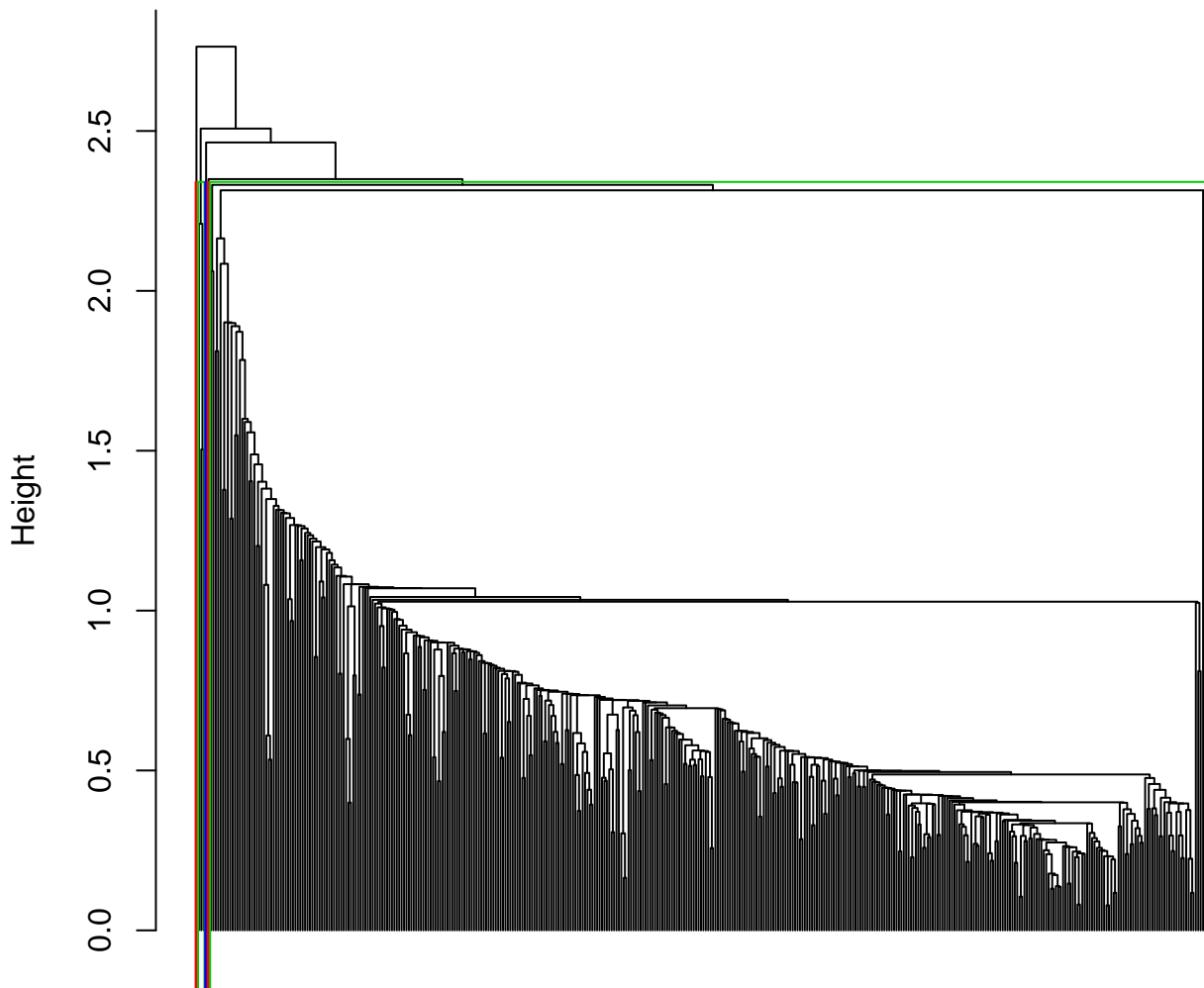
# Cluster Dendrogram



```
WholesaleData_Dist_n
  hclust (*, "complete")
```

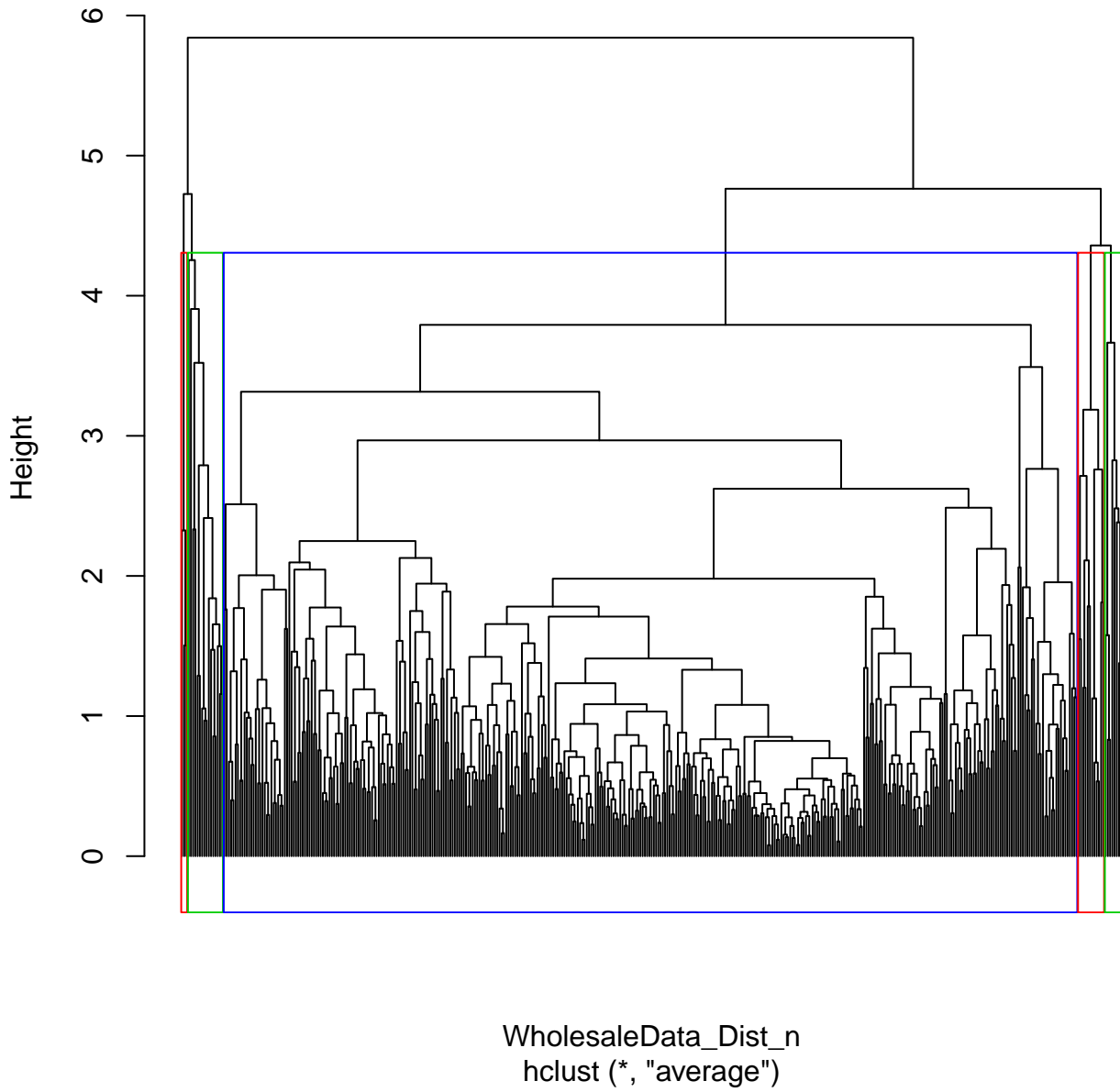


# Cluster Dendrogram

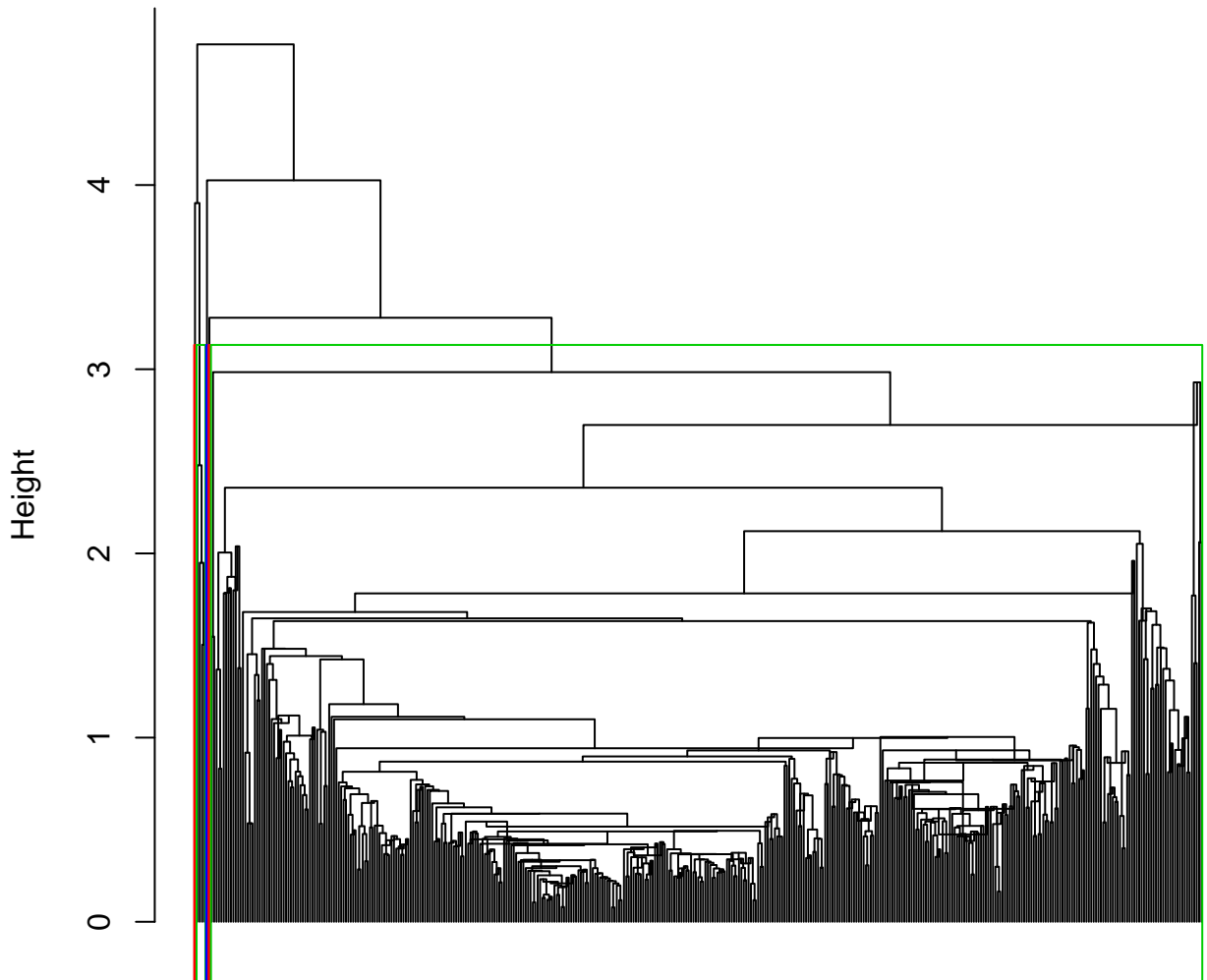


WholesaleData\_Dist\_n  
hclust (\*, "single")

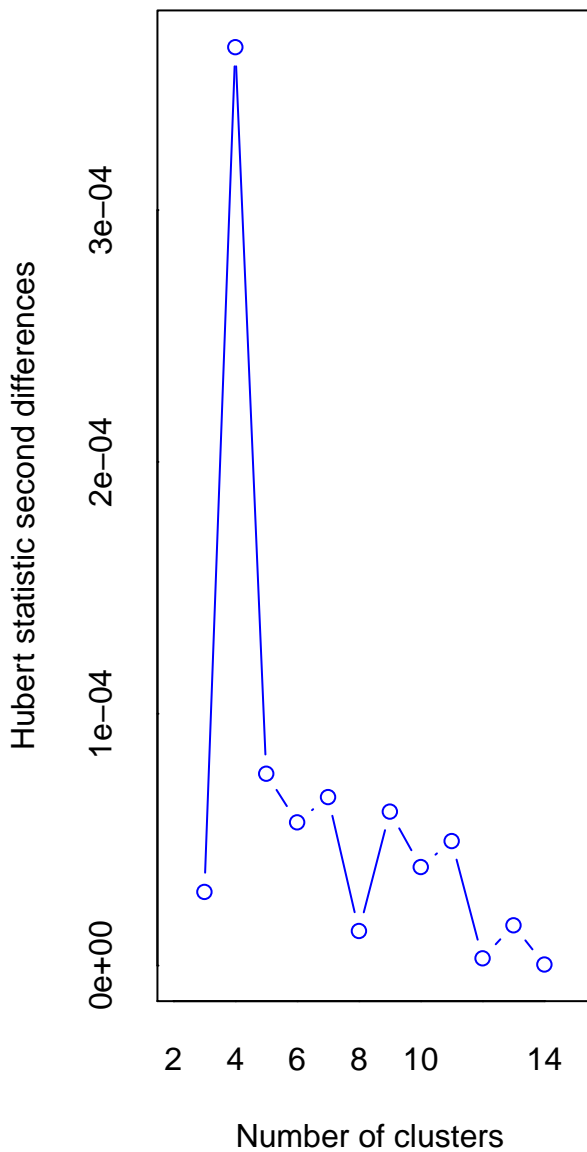
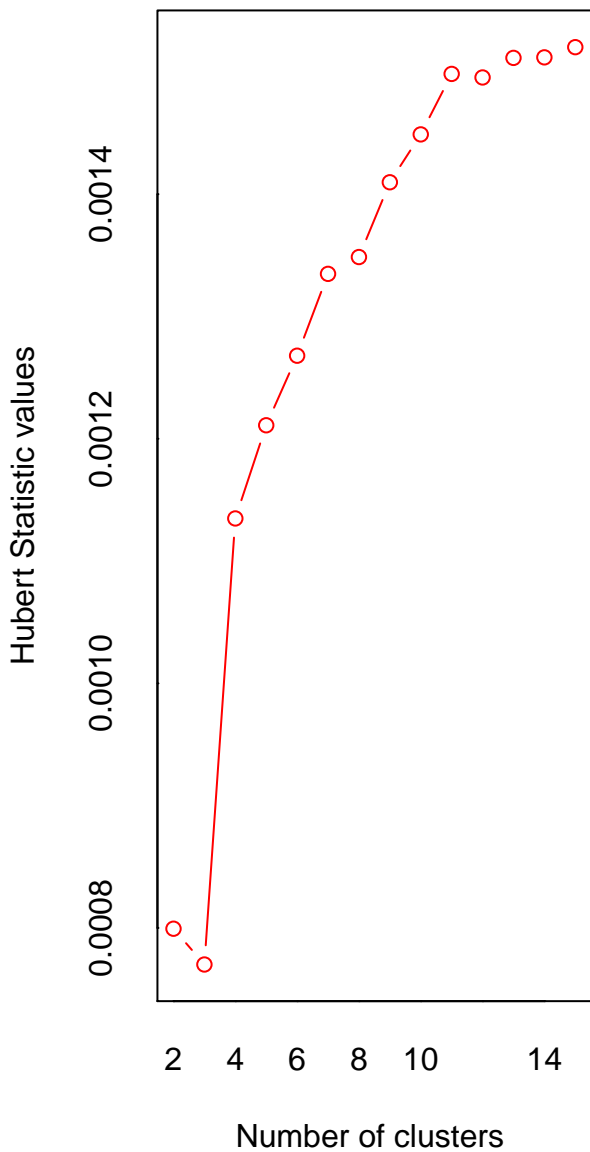
# Cluster Dendrogram

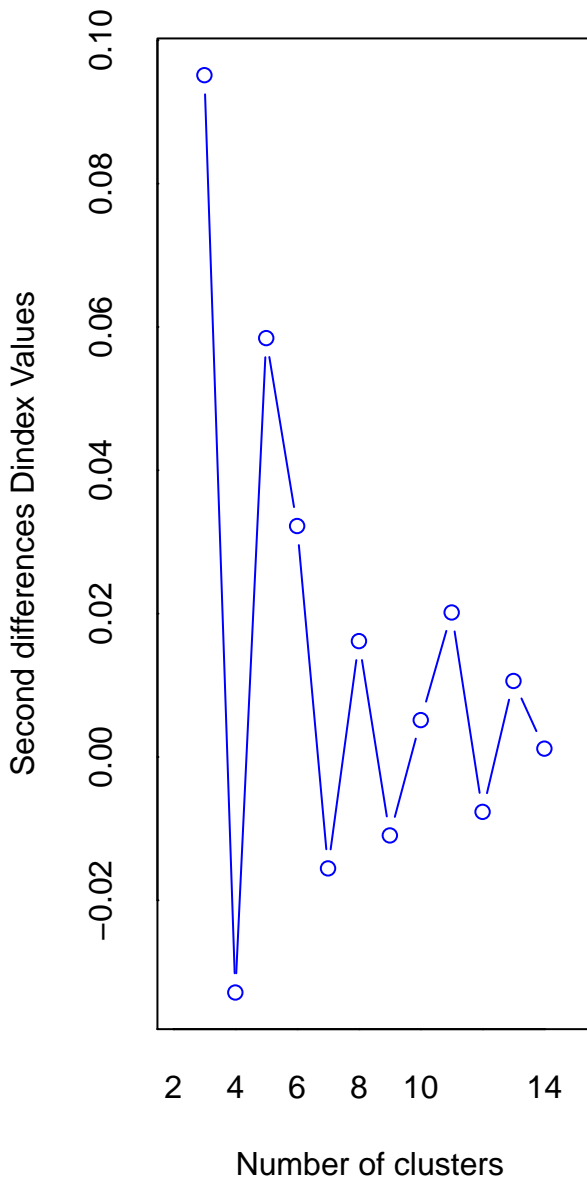
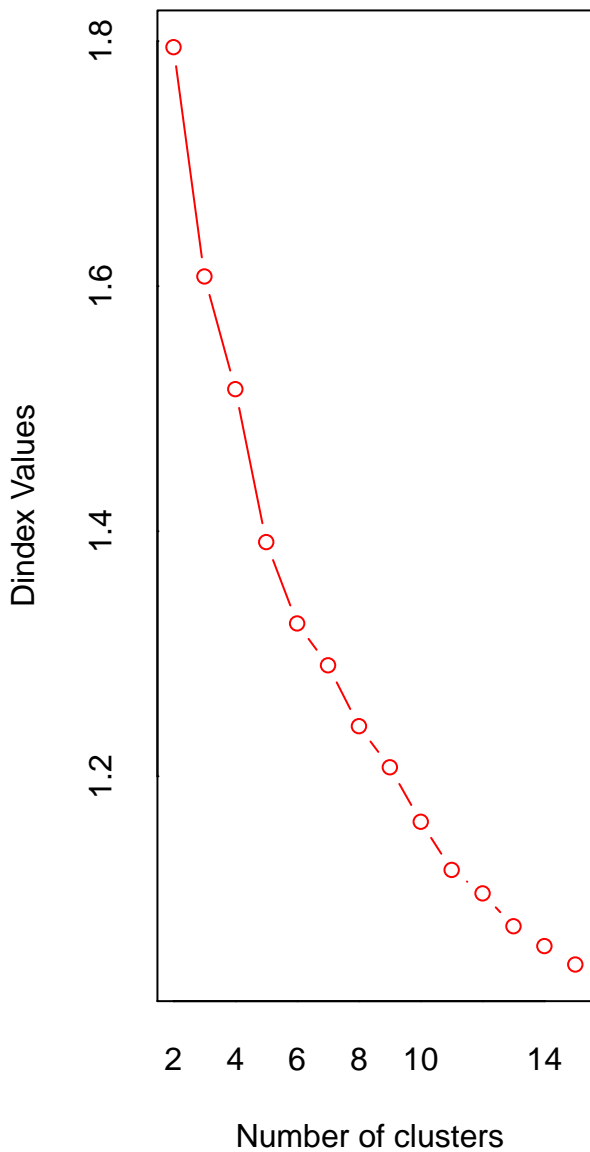


# Cluster Dendrogram



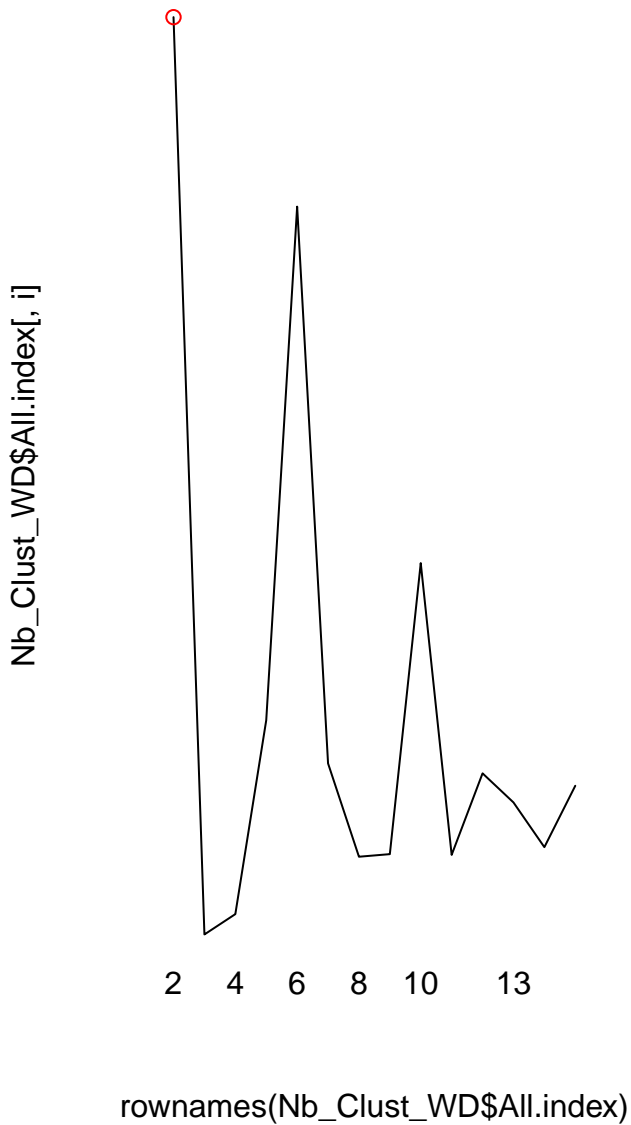
WholesaleData\_Dist\_n  
hclust (\*, "centroid")



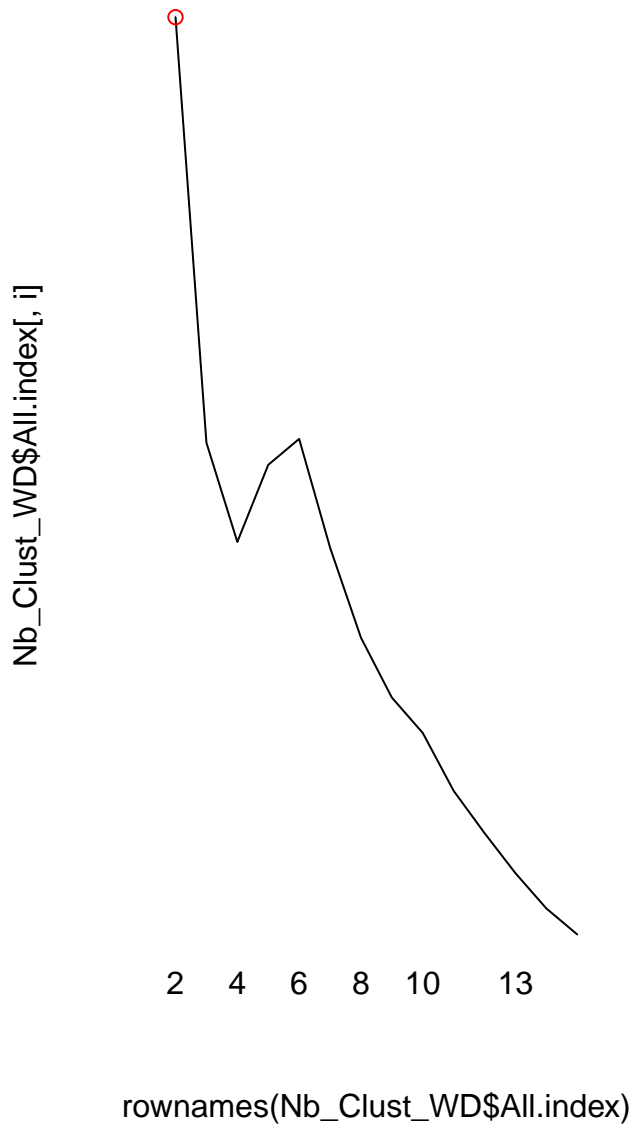




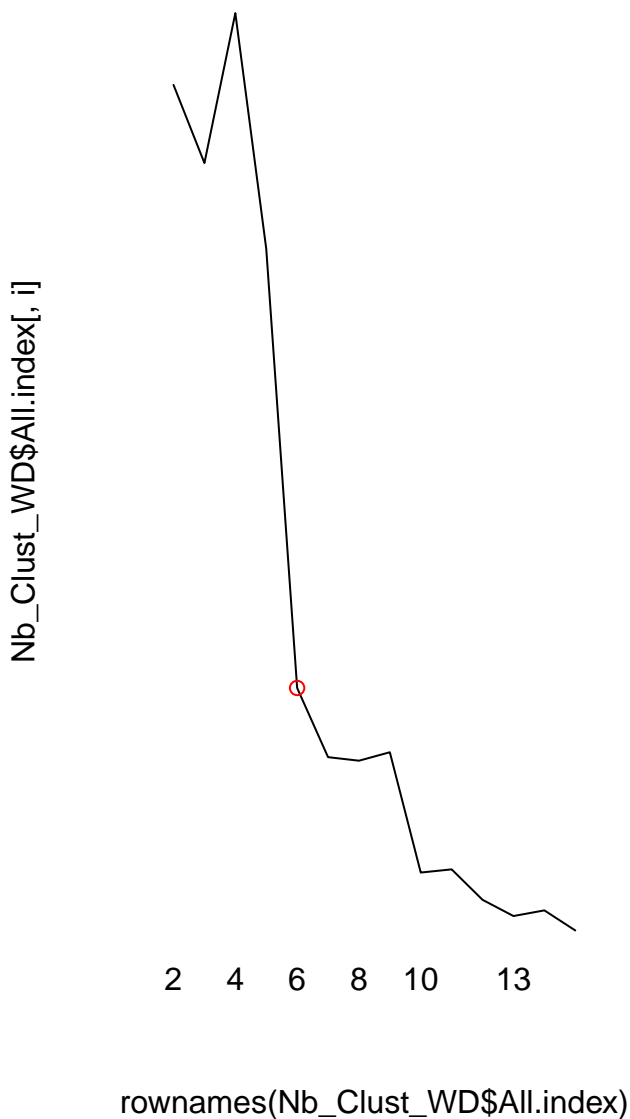
**KL**



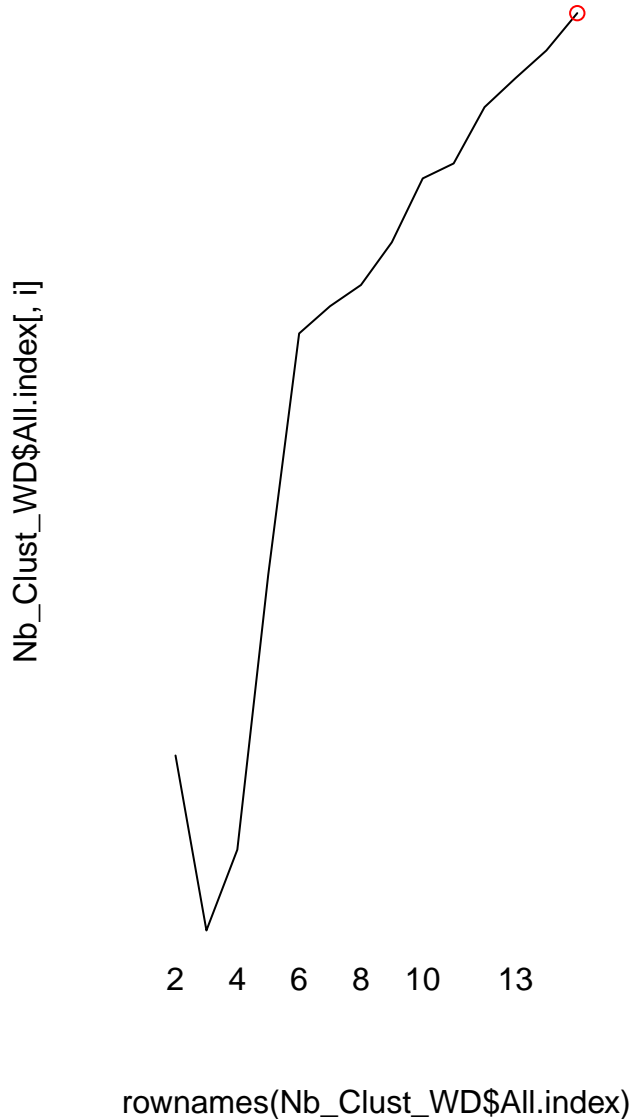
**CH**



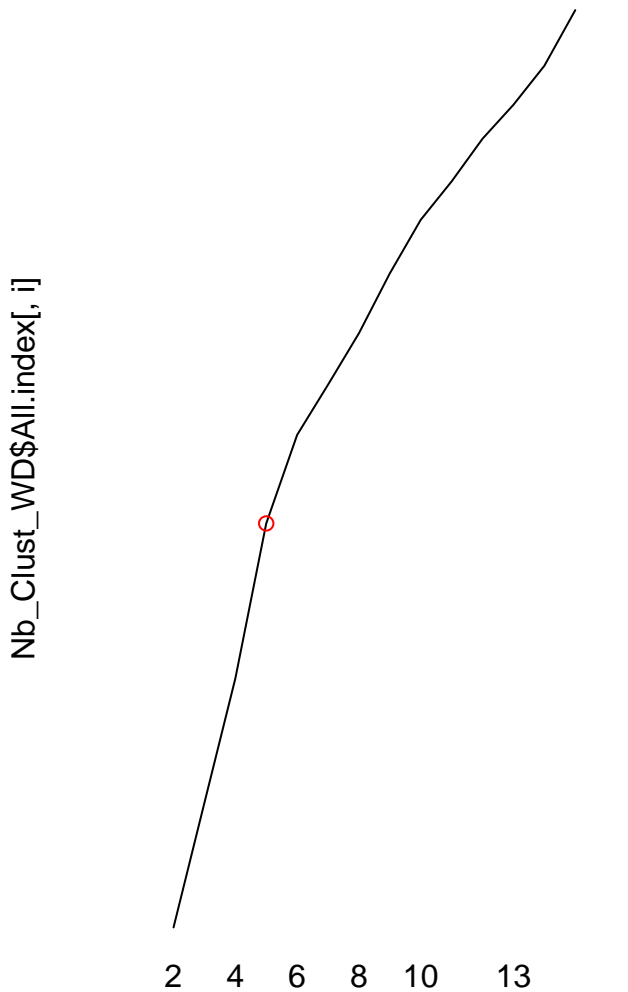
# Hartigan



# CCC

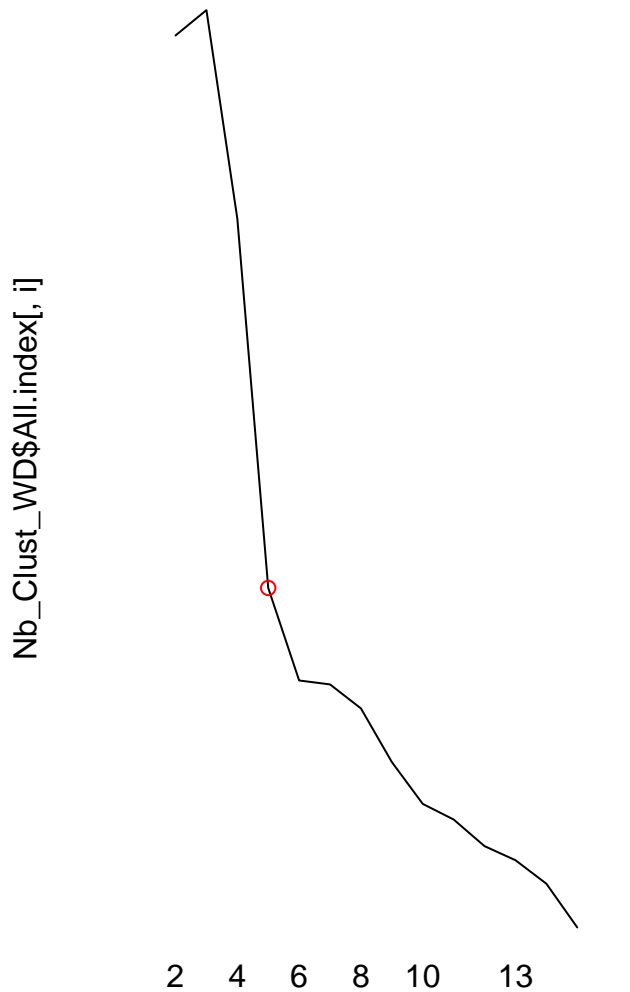


**Scott**



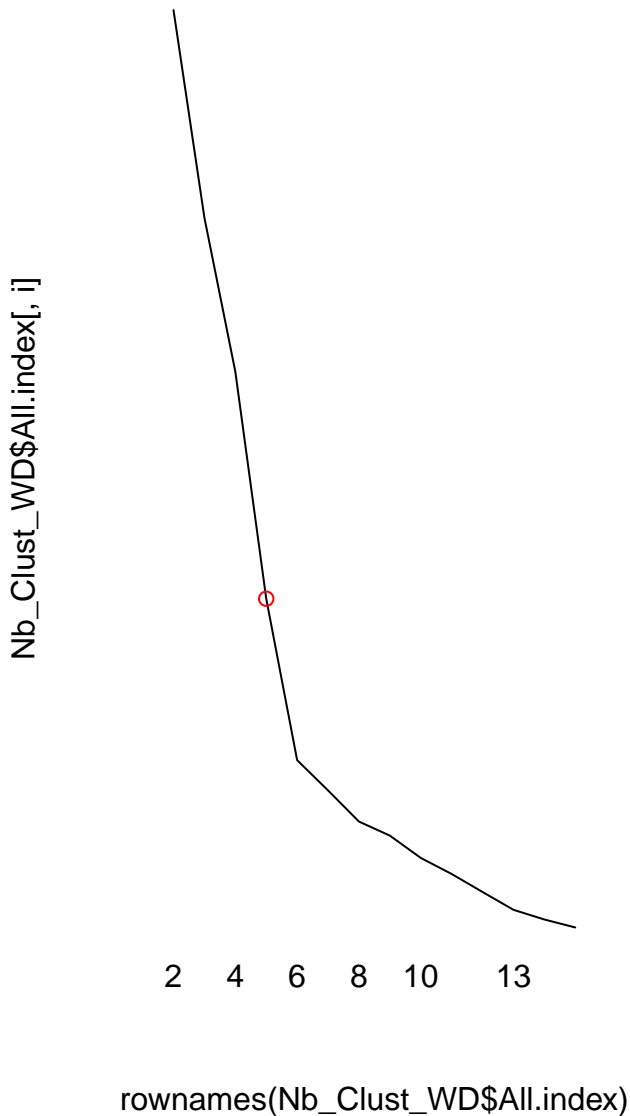
rownames(Nb\_Clust\_WD\$All.index)

**Marriot**

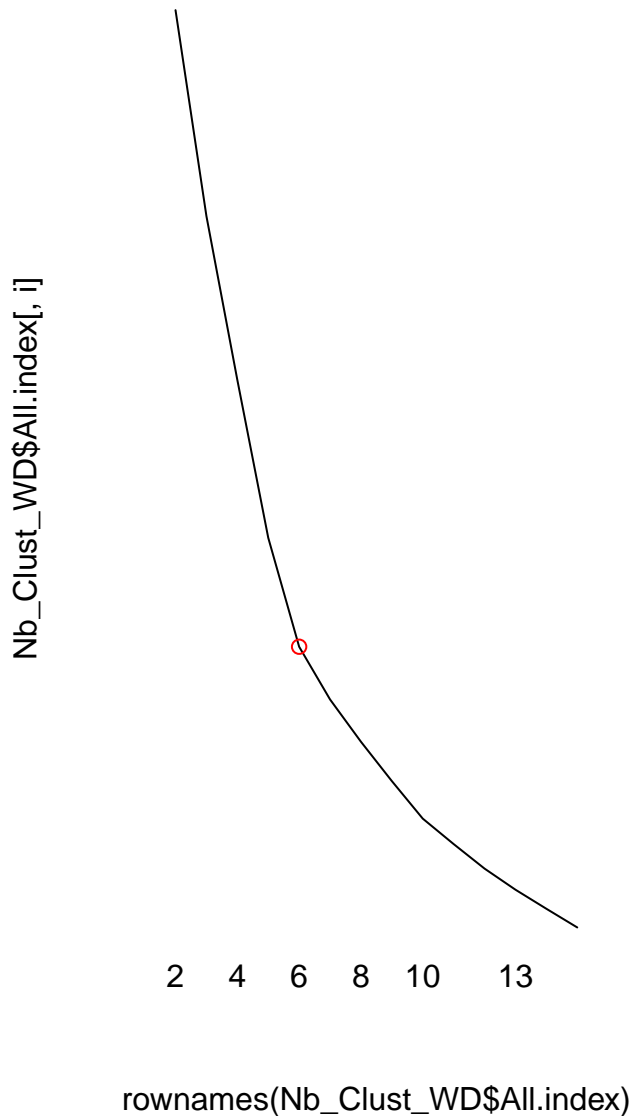


rownames(Nb\_Clust\_WD\$All.index)

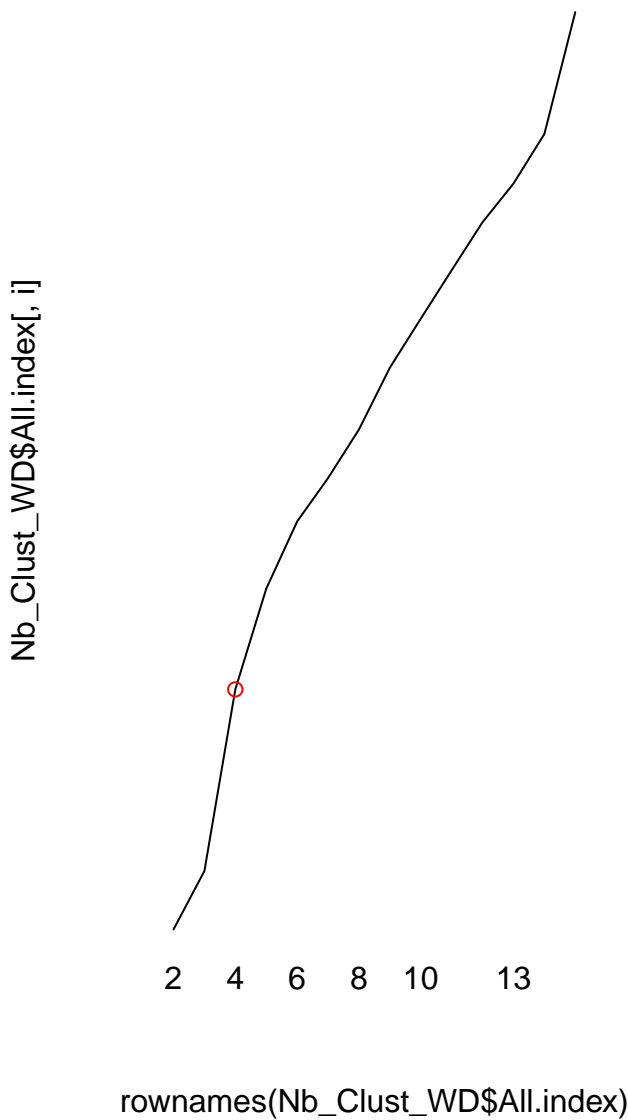
**TrCovW**



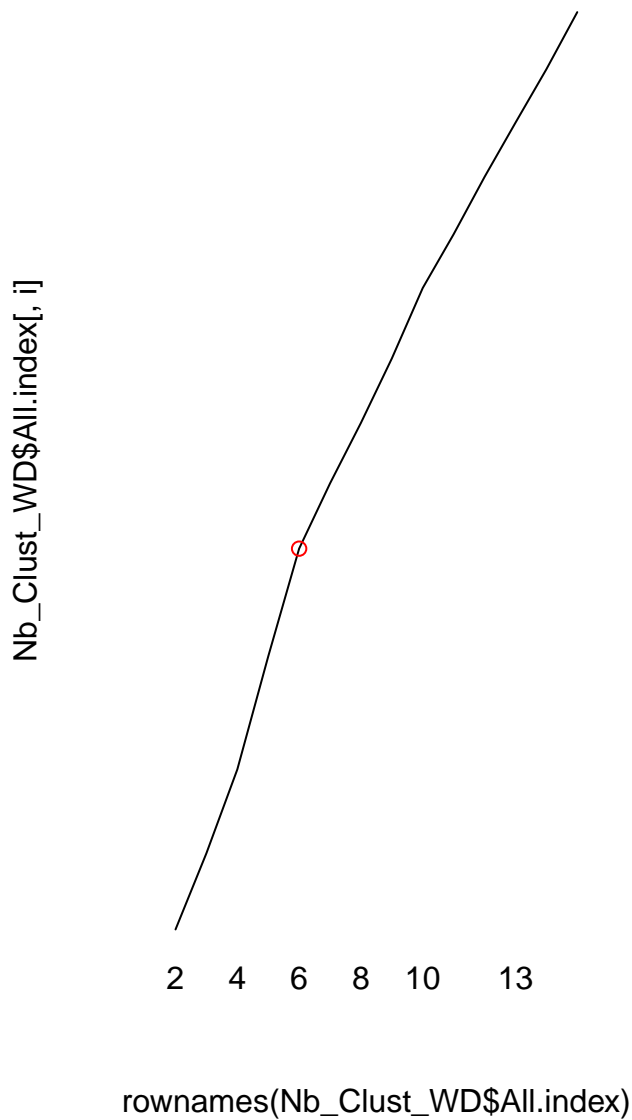
**TraceW**



**Friedman**



**Rubin**



**Cindex**

Nb\_Clust\_WD\$All.index[, i]

2 4 6 8 10 13

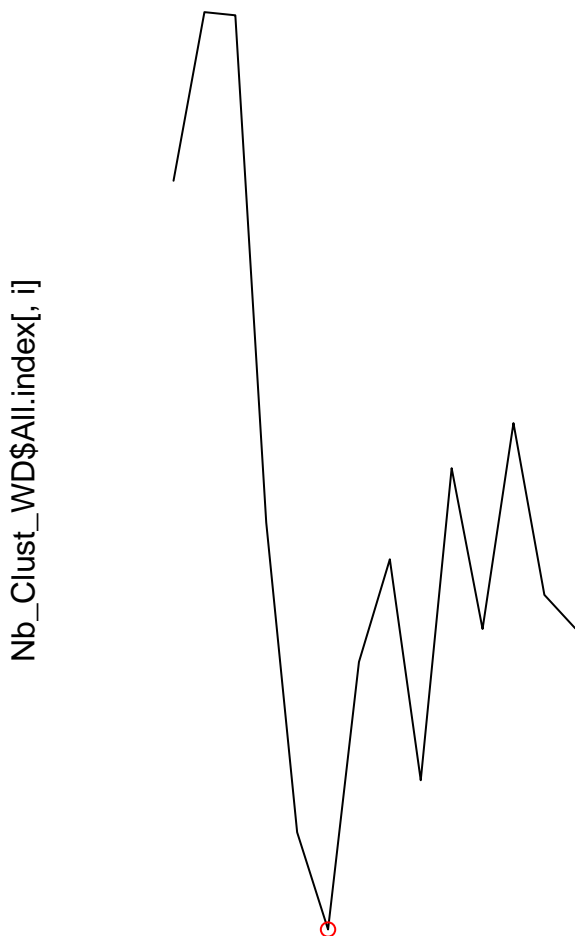
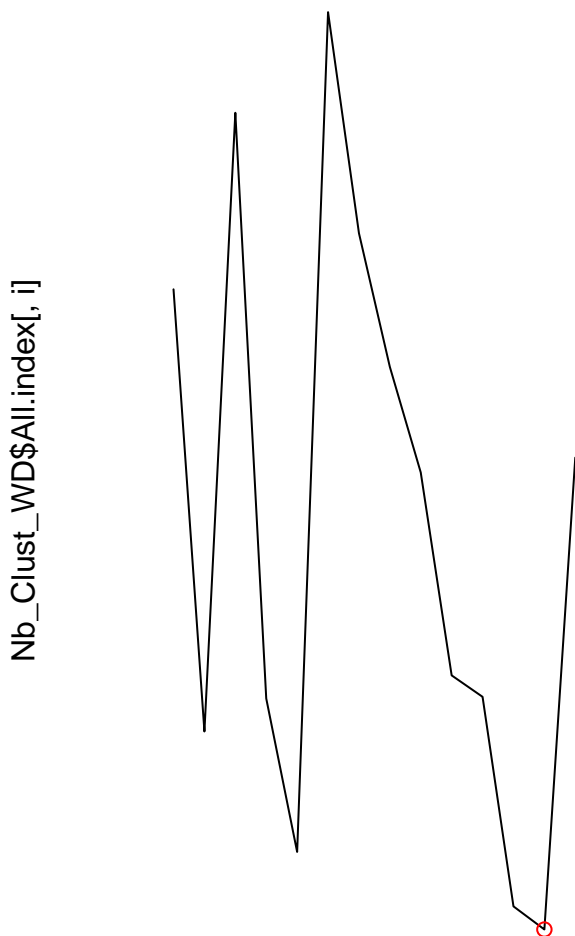
rownames(Nb\_Clust\_WD\$All.index)

**DB**

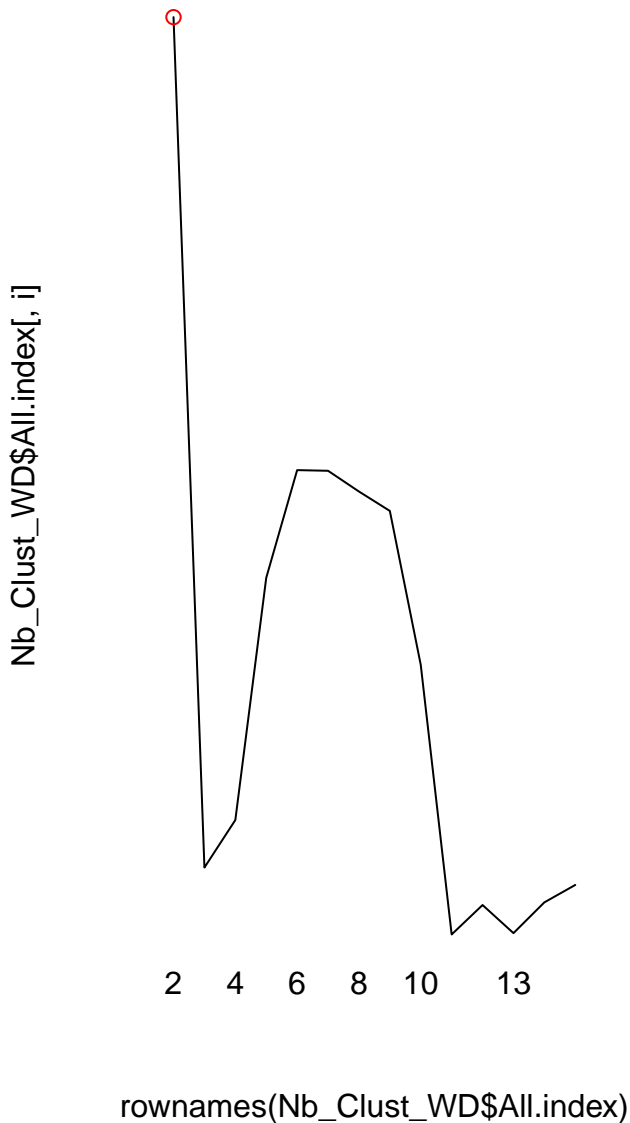
Nb\_Clust\_WD\$All.index[, i]

2 4 6 8 10 13

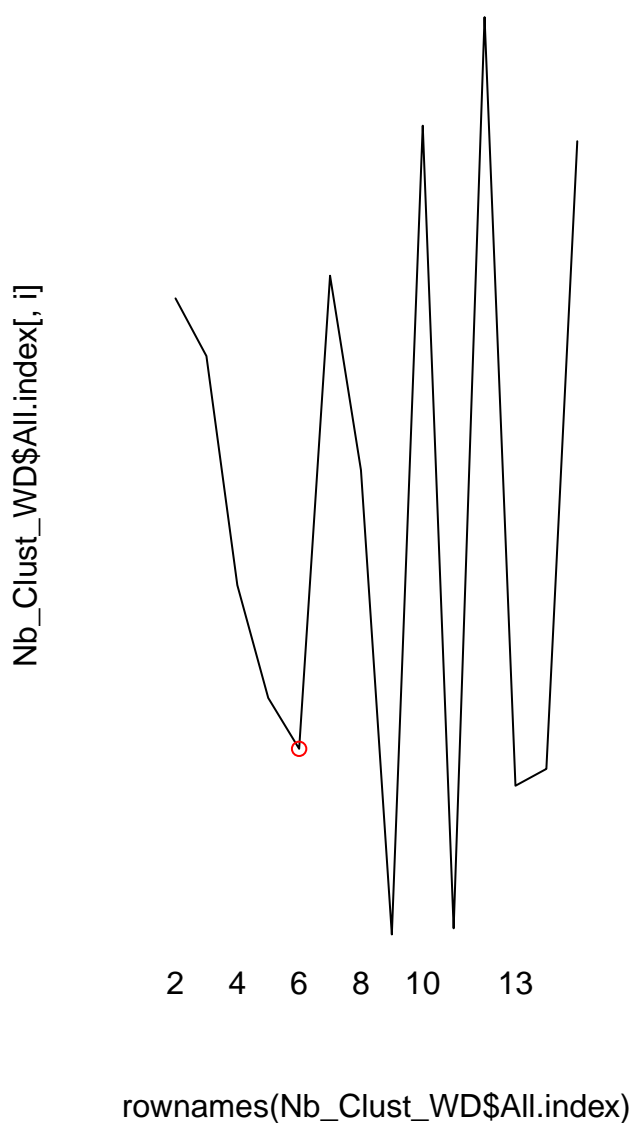
rownames(Nb\_Clust\_WD\$All.index)



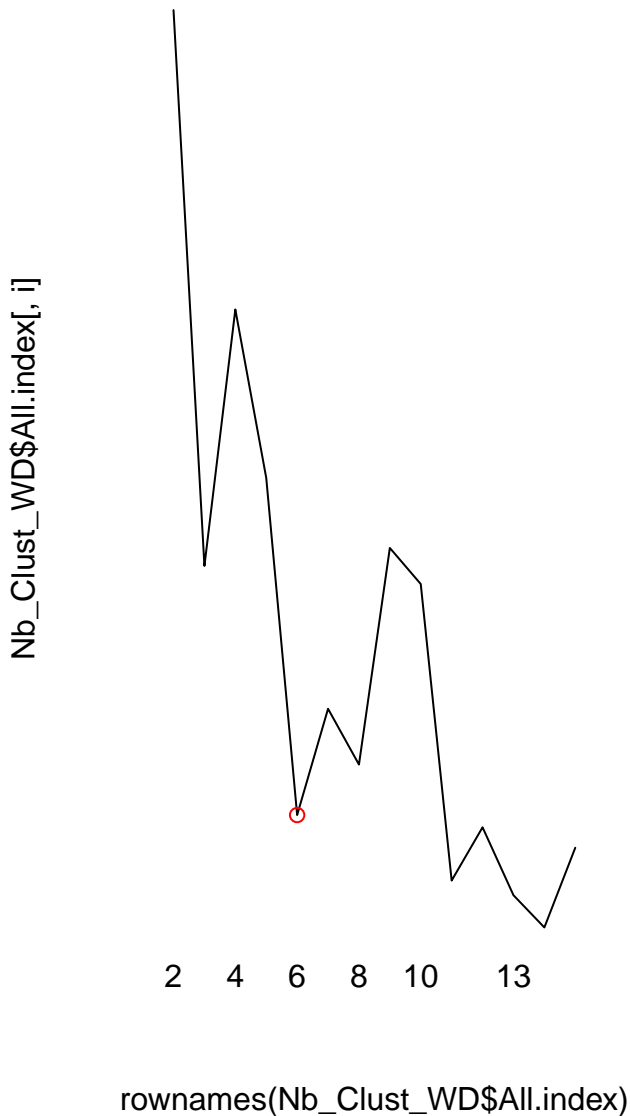
**Silhouette**



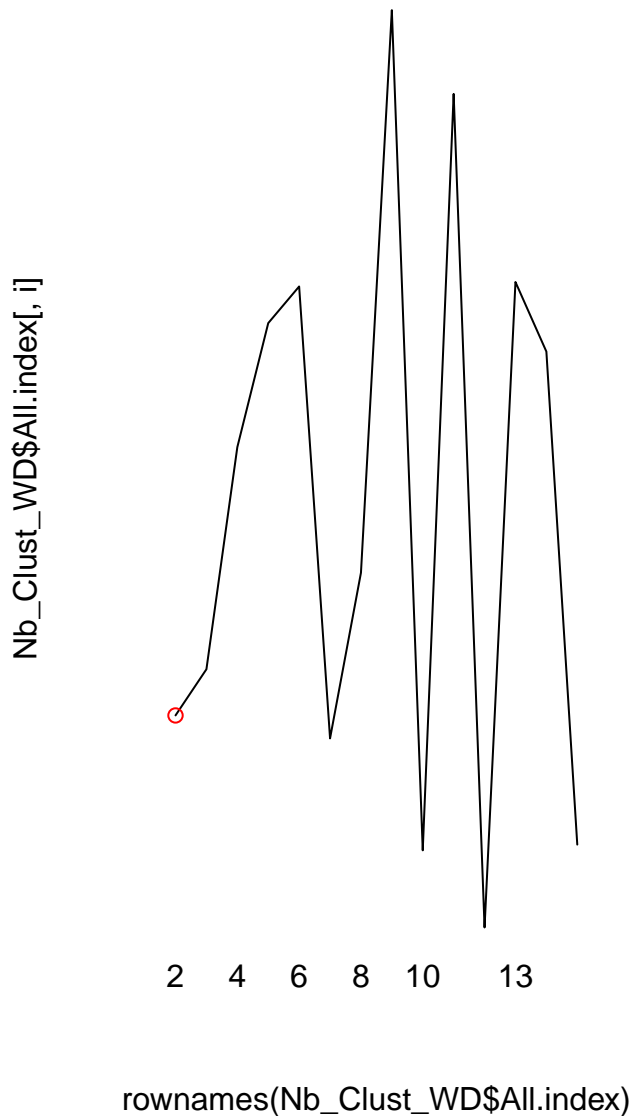
**Duda**



**Pseudot2**

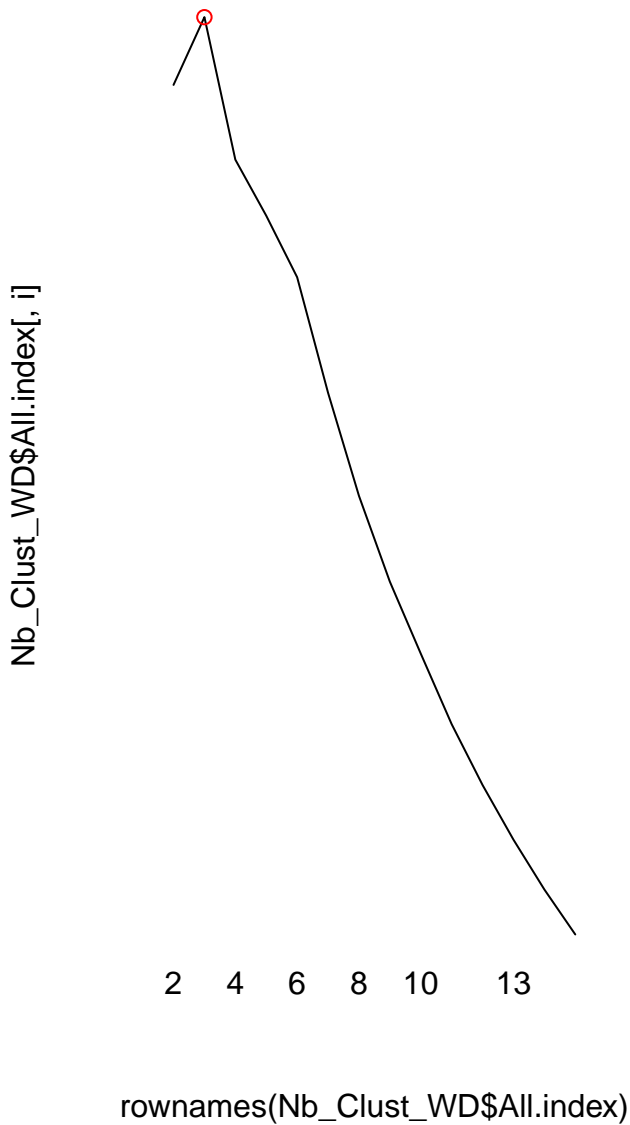


**Beale**

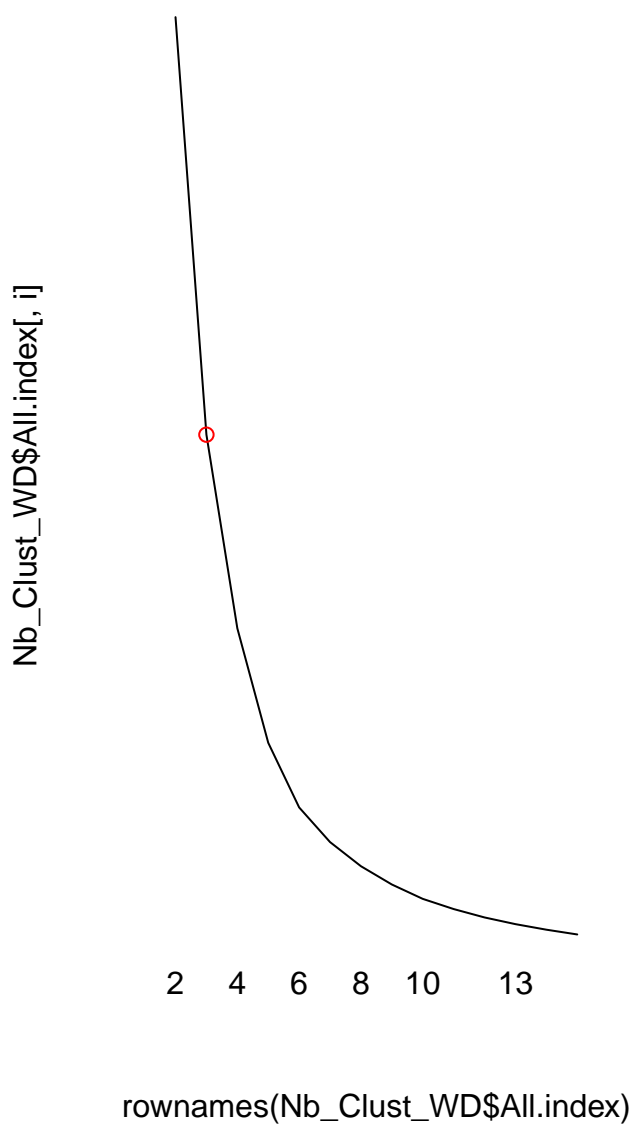




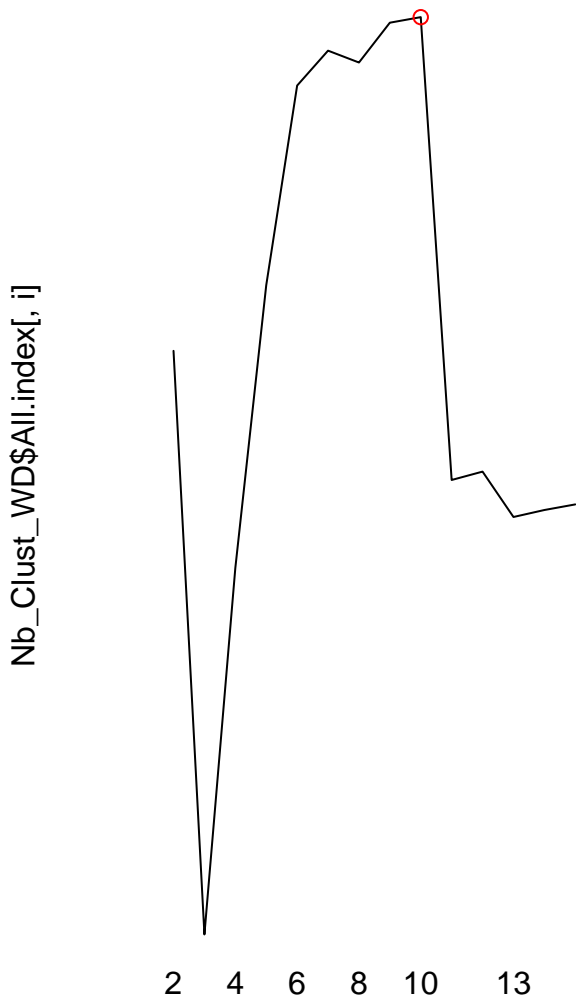
**Ratkowsky**



**Ball**

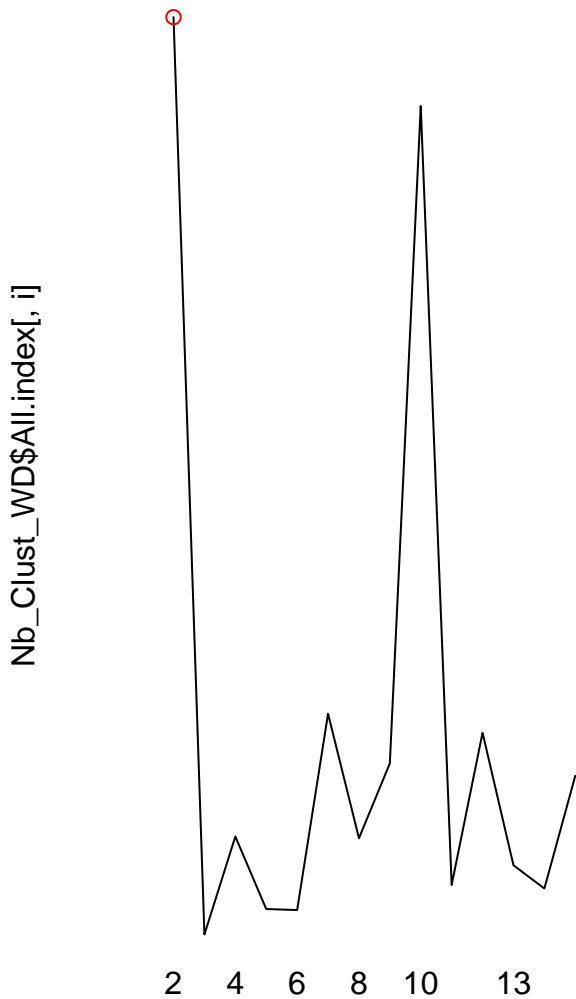


**Ptbiserial**



rownames(Nb\_Clust\_WD\$All.index)

**Frey**



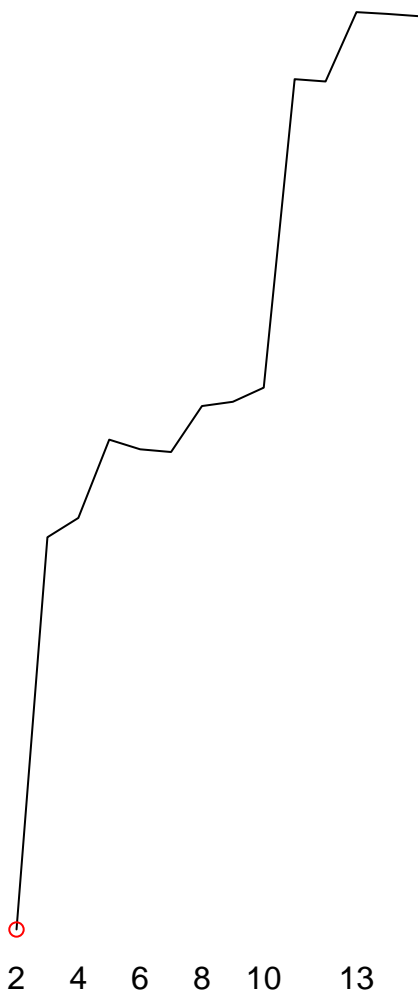
rownames(Nb\_Clust\_WD\$All.index)

**McClain**

Nb\_Clust\_WD\$All.index[, i]

2 4 6 8 10 13

rownames(Nb\_Clust\_WD\$All.index)

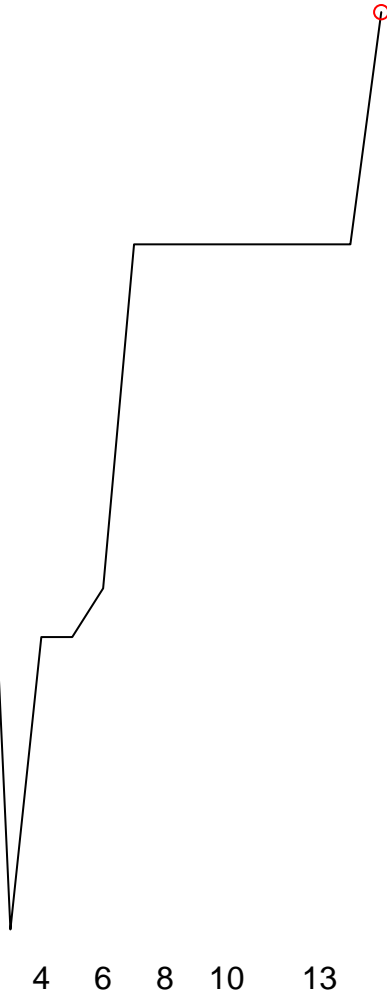


**Dunn**

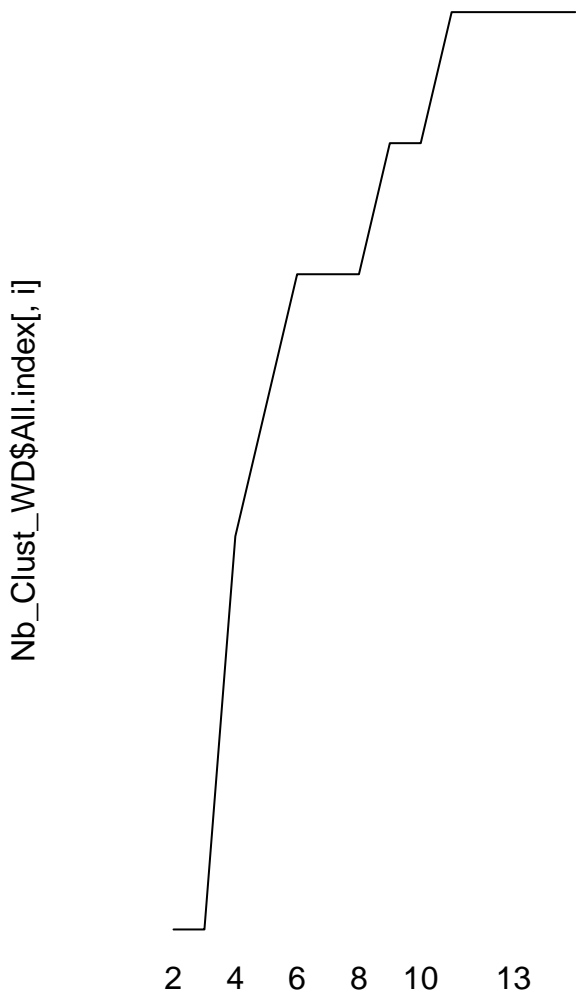
Nb\_Clust\_WD\$All.index[, i]

2 4 6 8 10 13

rownames(Nb\_Clust\_WD\$All.index)

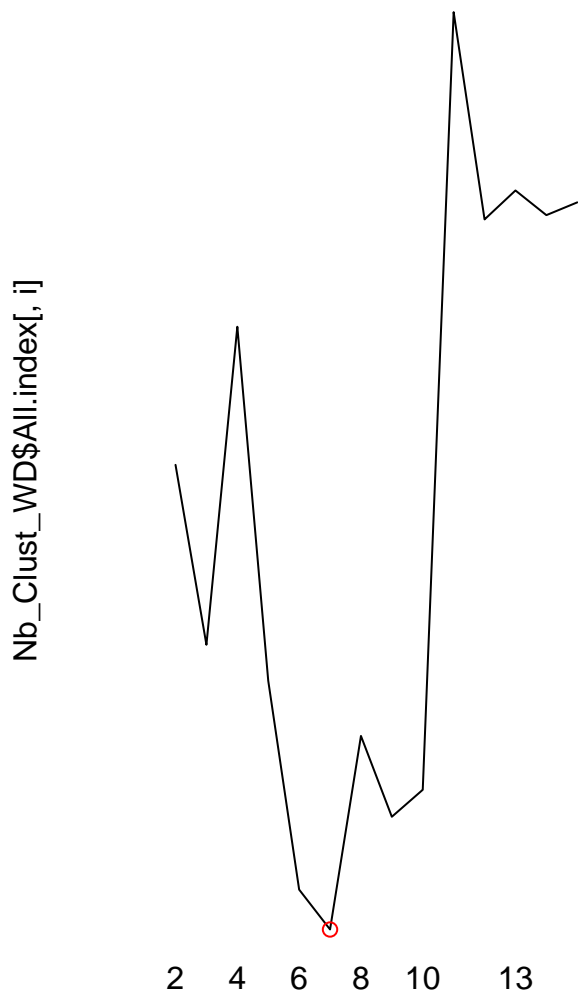


**Hubert**



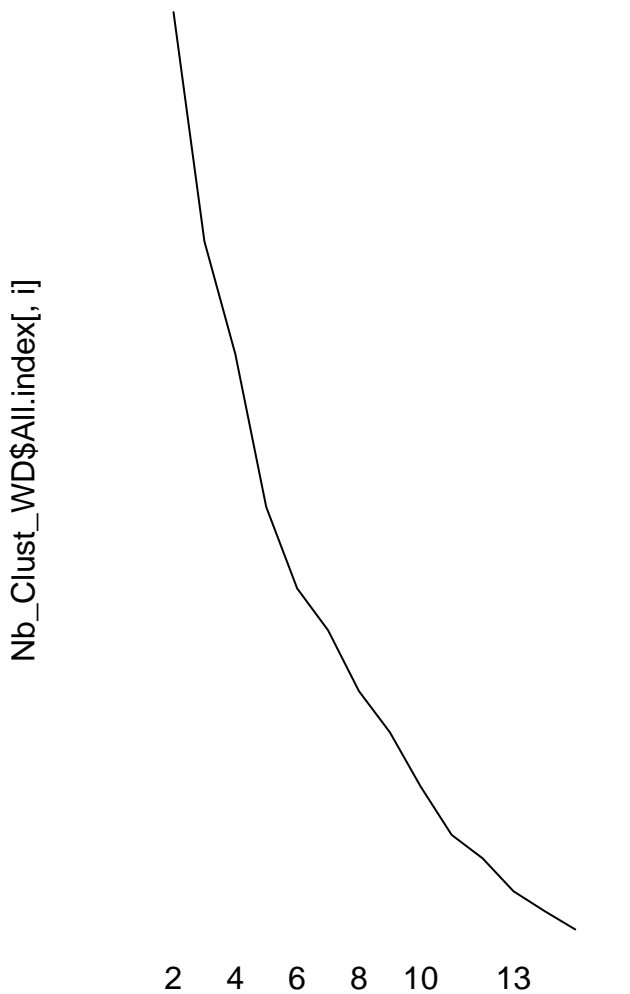
rownames(Nb\_Clust\_WD\$All.index)

**SDindex**



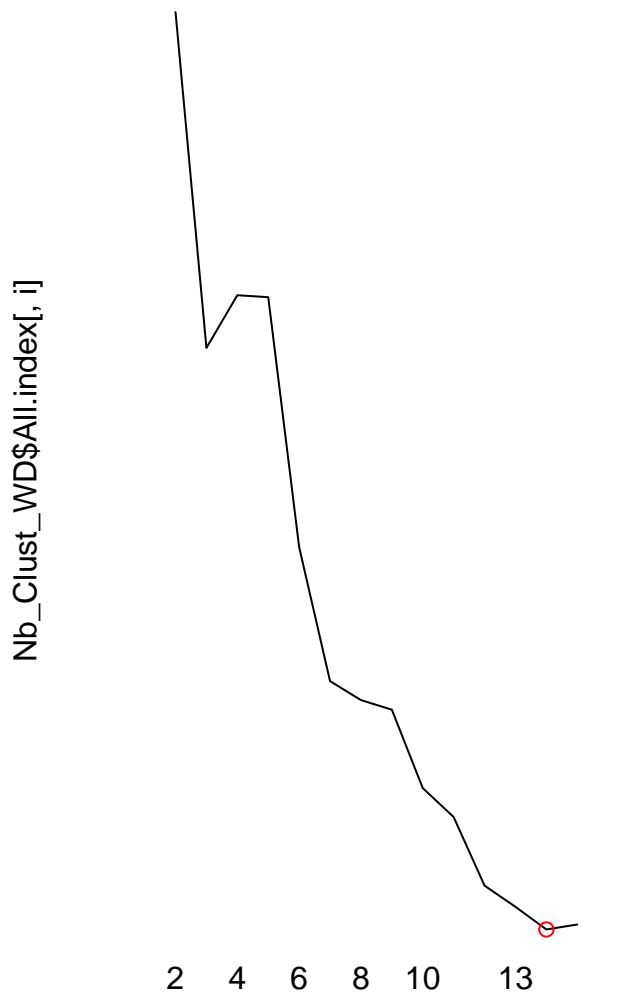
rownames(Nb\_Clust\_WD\$All.index)

**Dindex**



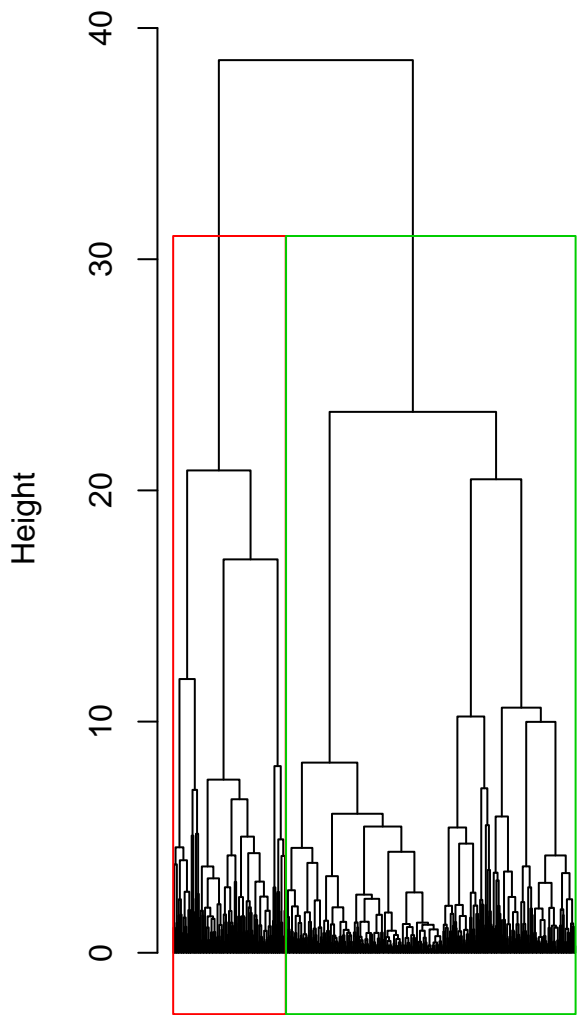
rownames(Nb\_Clust\_WD\$All.index)

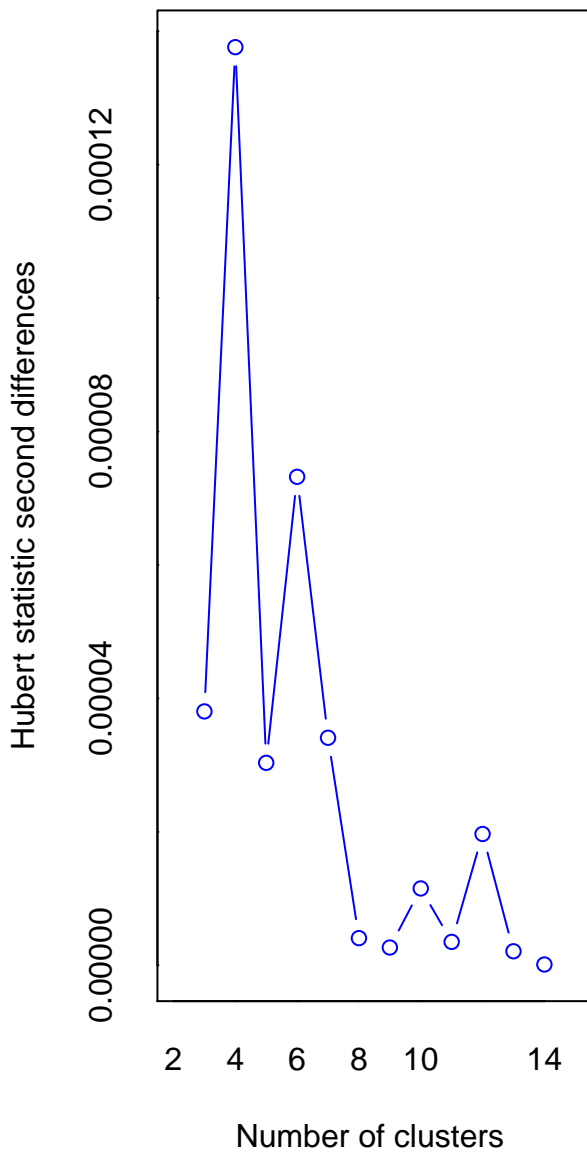
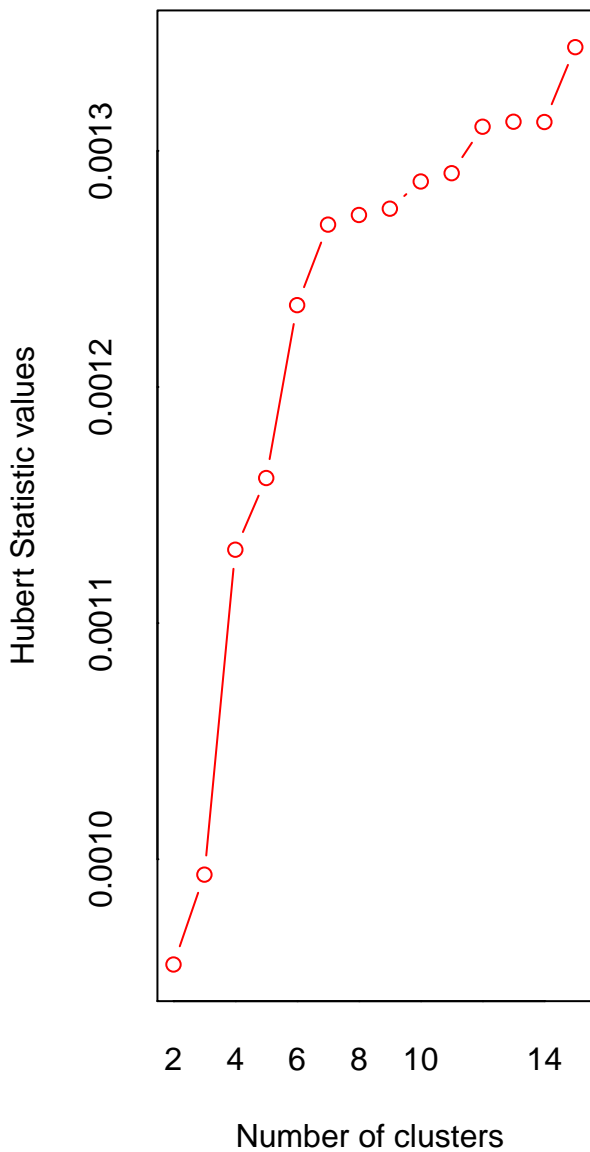
**SDbw**

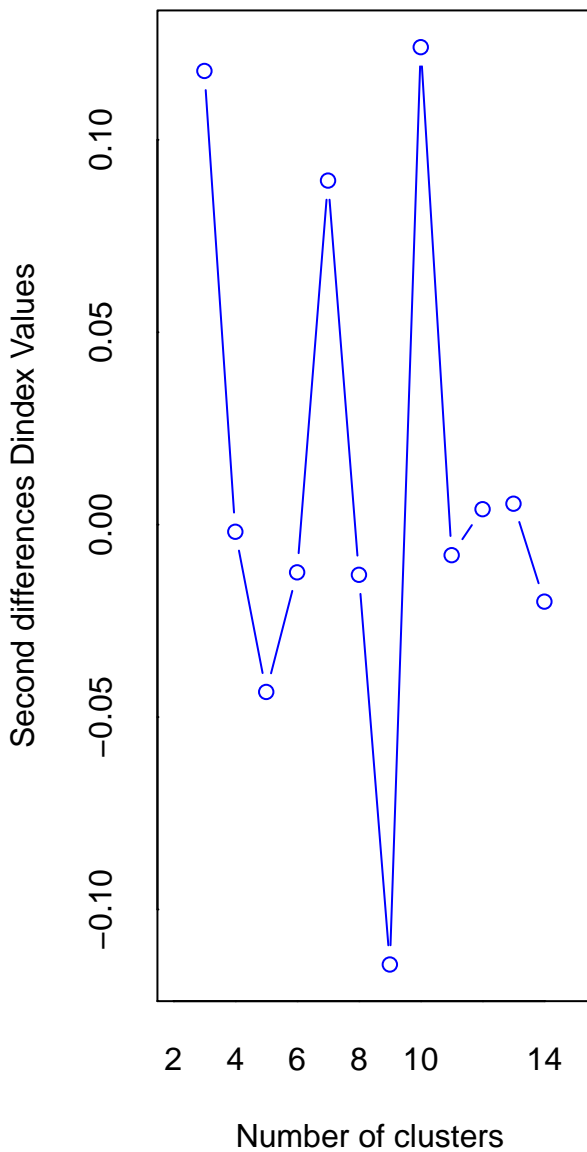
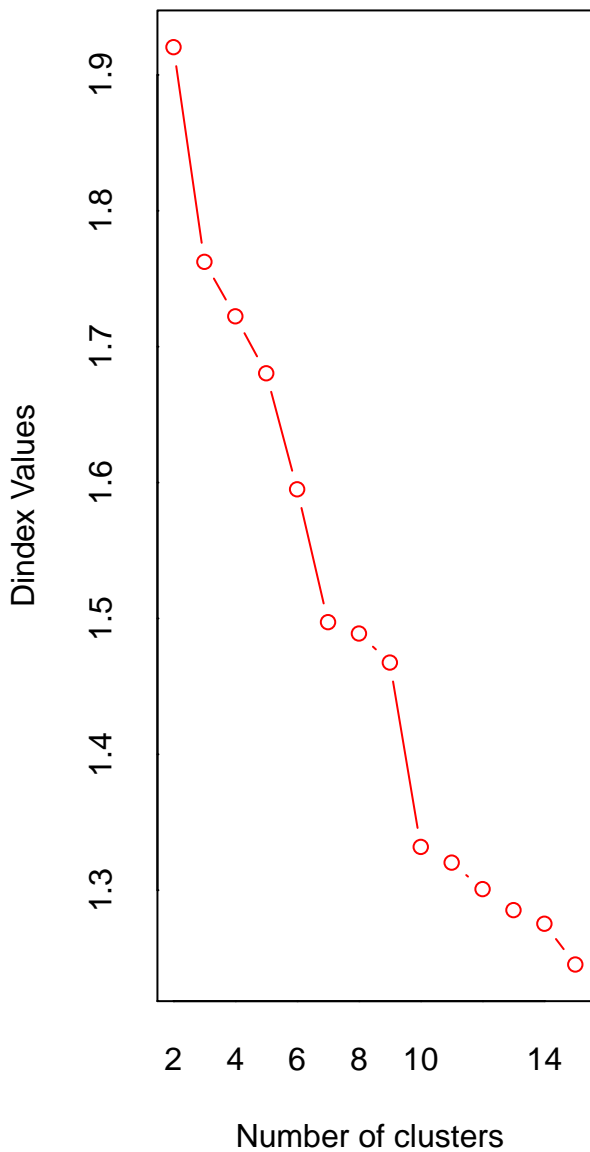


rownames(Nb\_Clust\_WD\$All.index)

Cluster Dendrogram

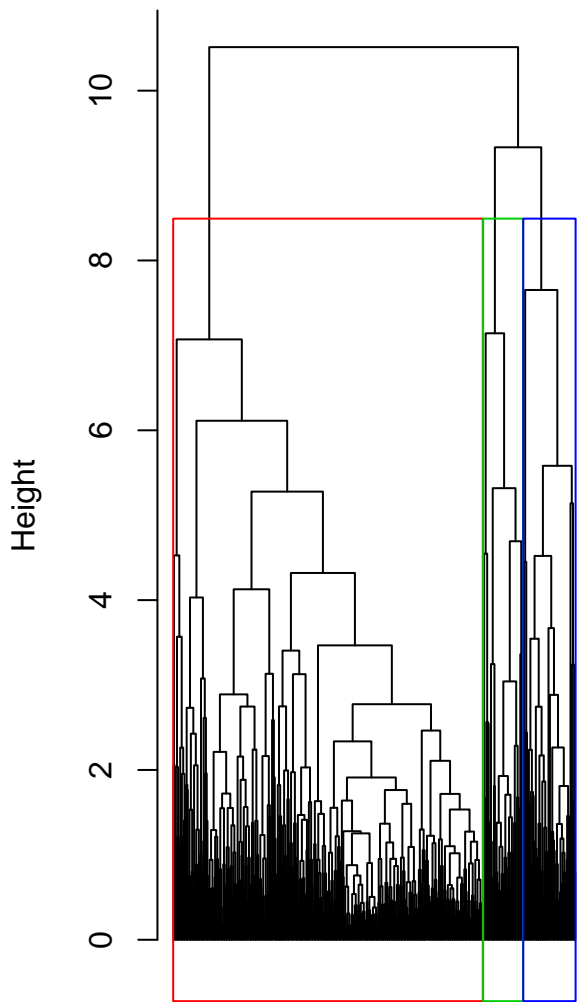








Cluster Dendrogram



WholesaleData\_Dist\_n  
hclust (\*, "complete")