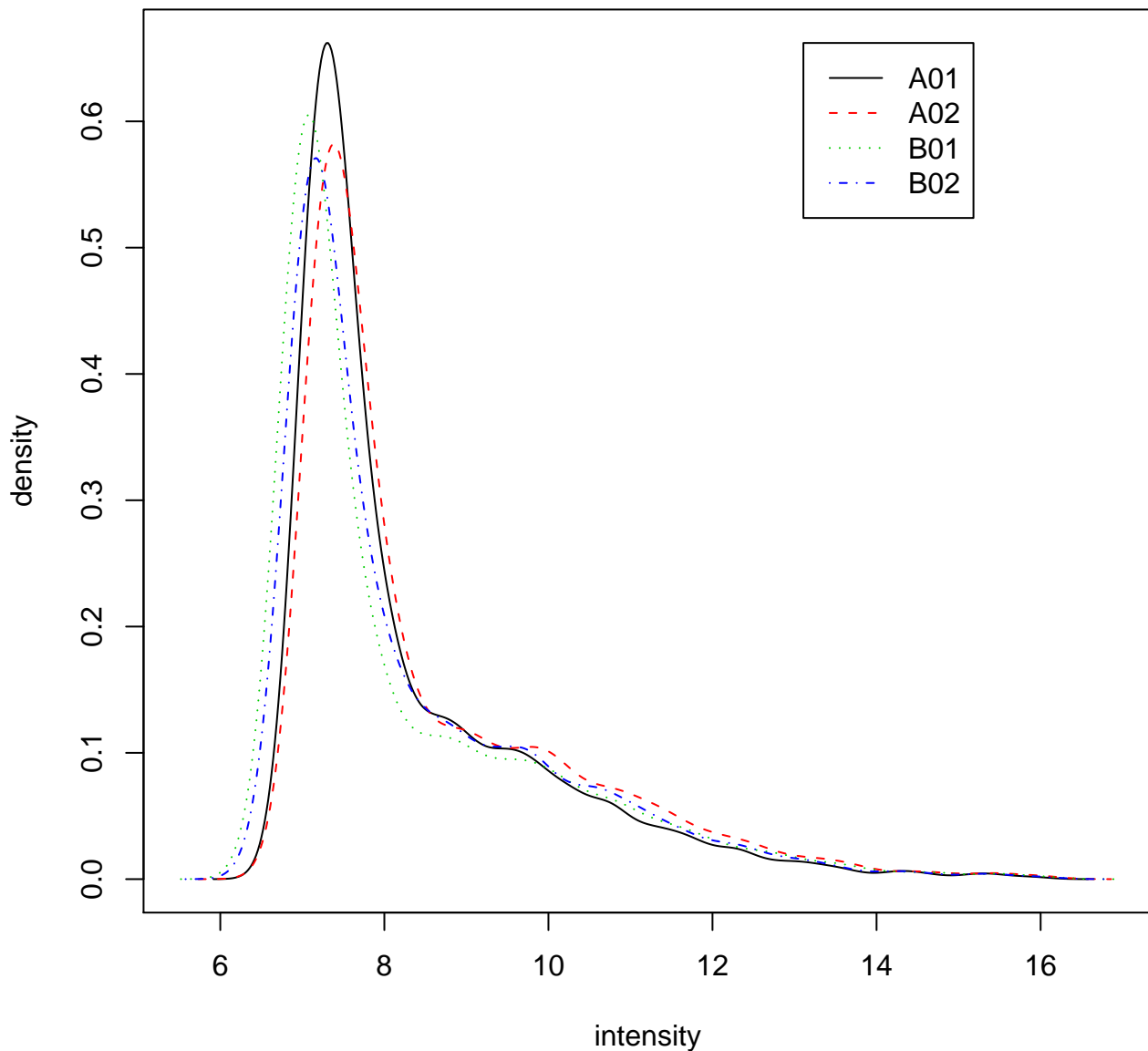
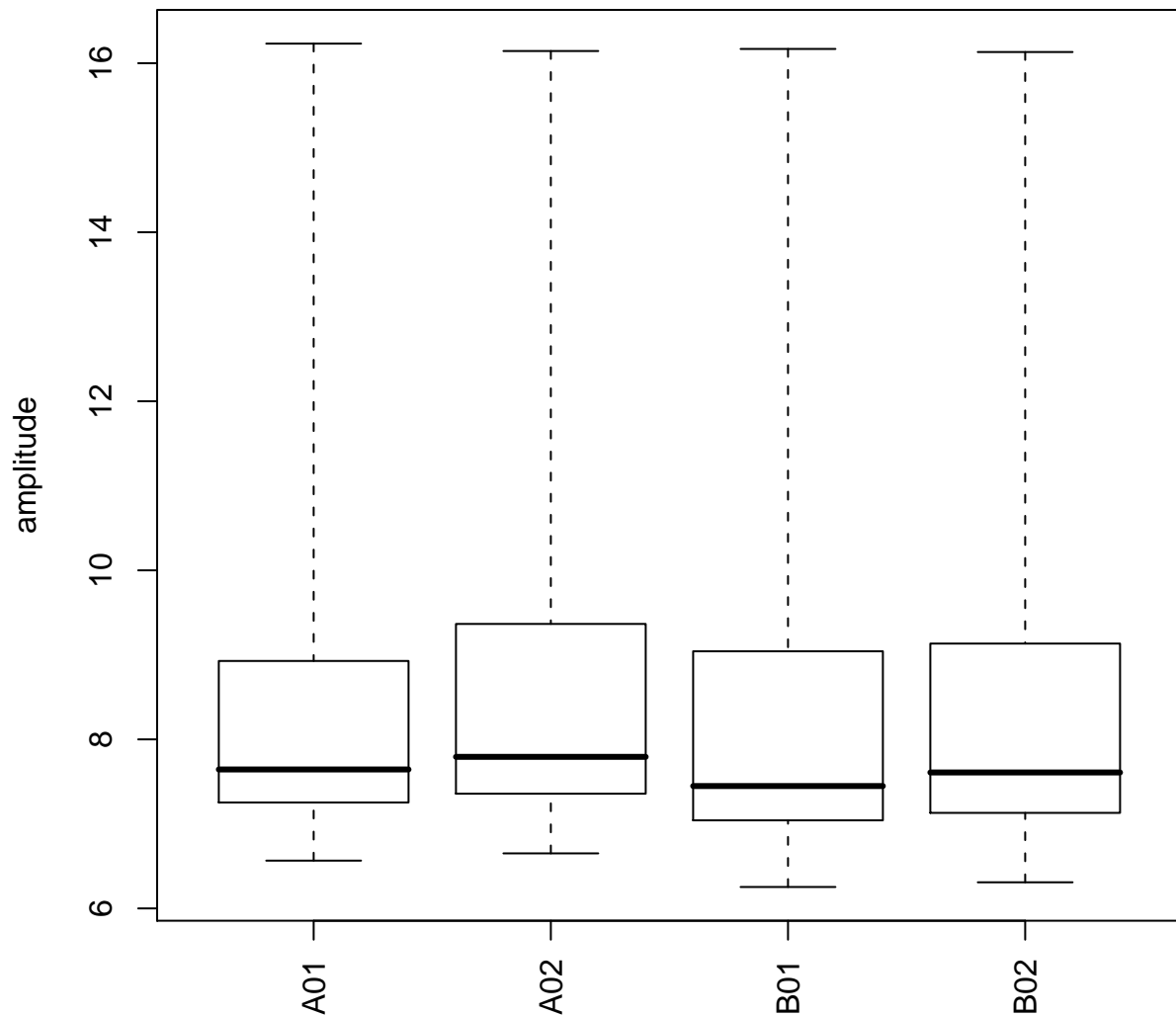


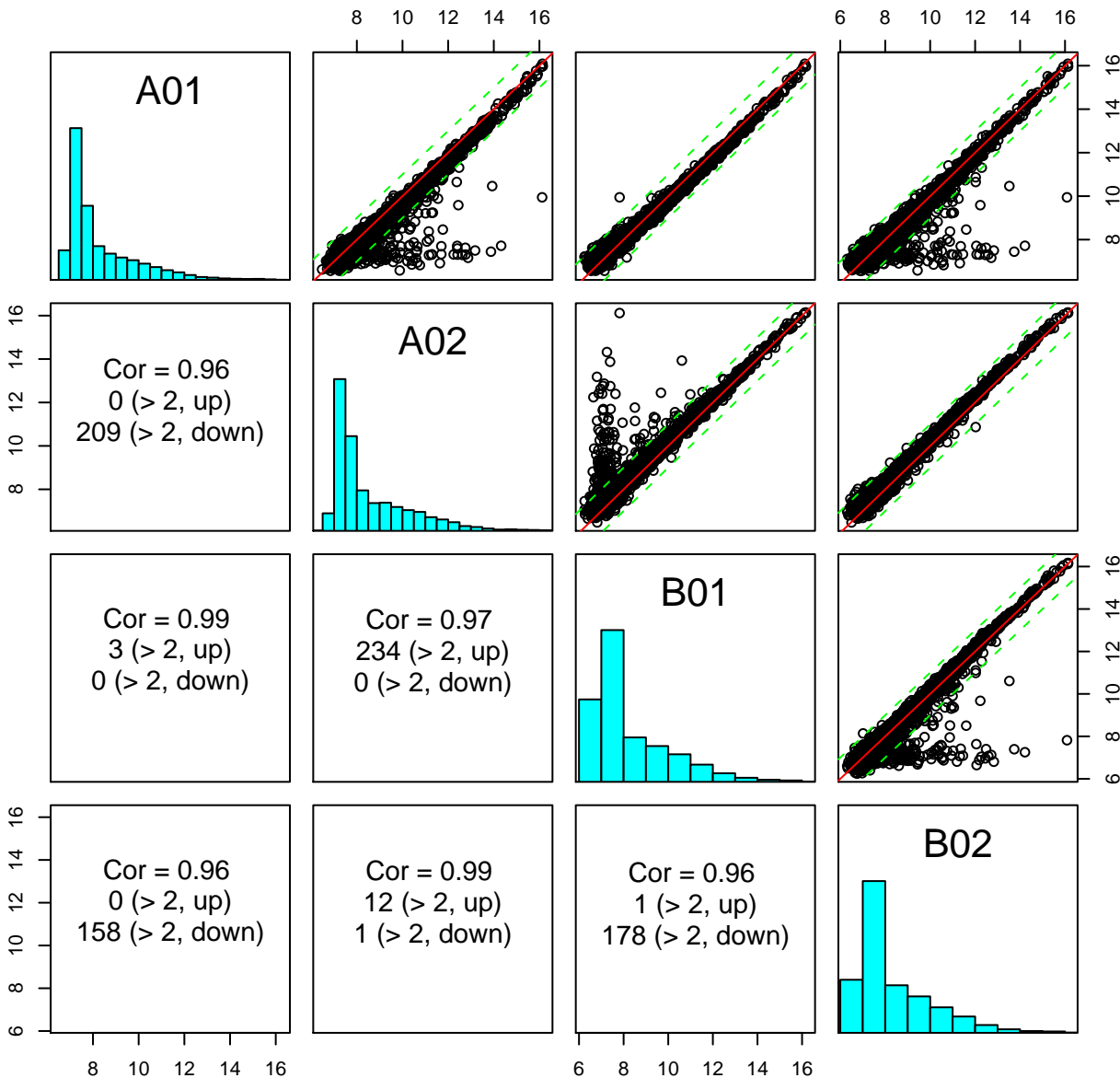
Density plot of intensity



**Boxplot of microarray intensity**

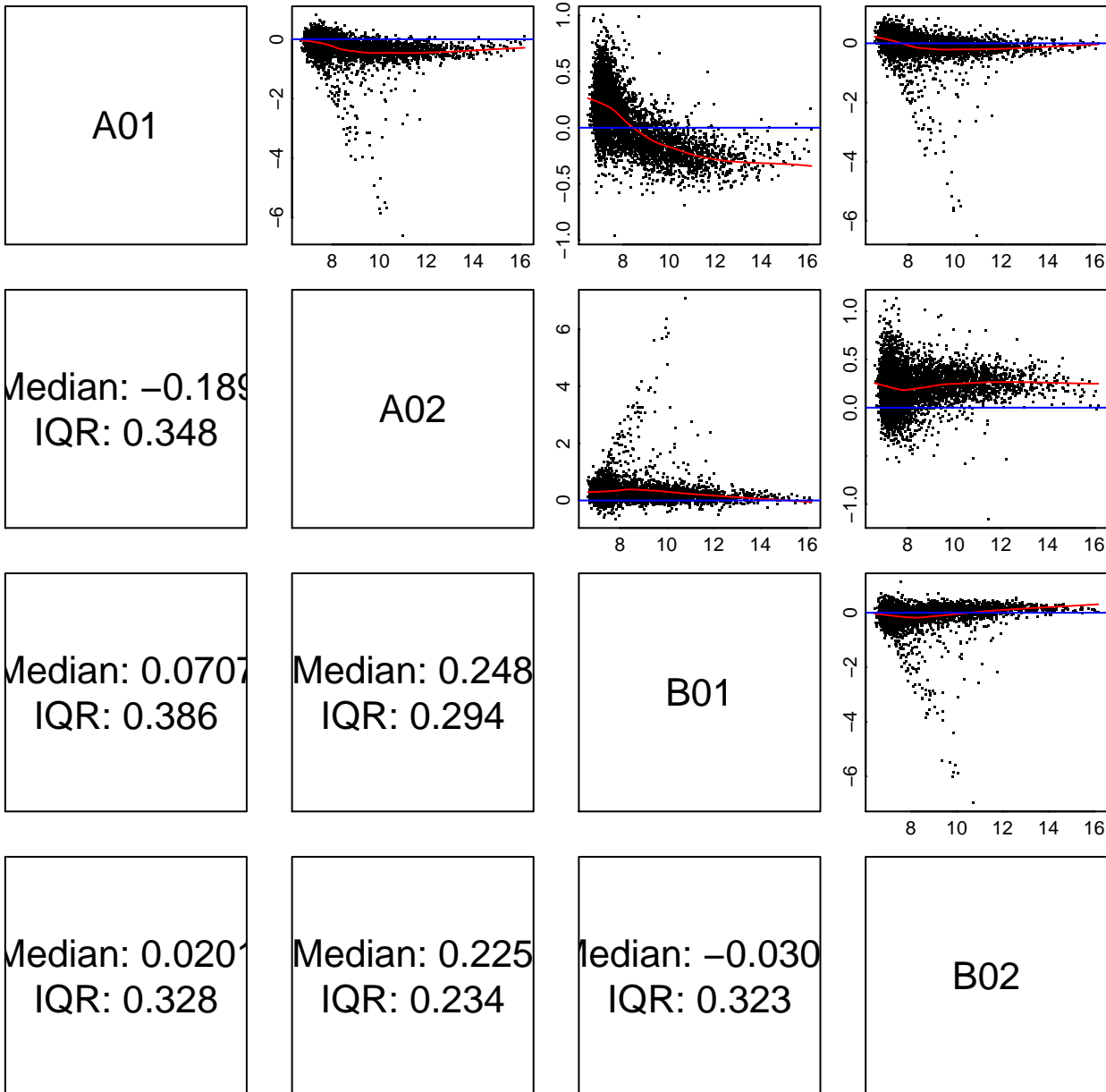


# Pairwise plot with sample correlation



# Pairwise MA plots between samples

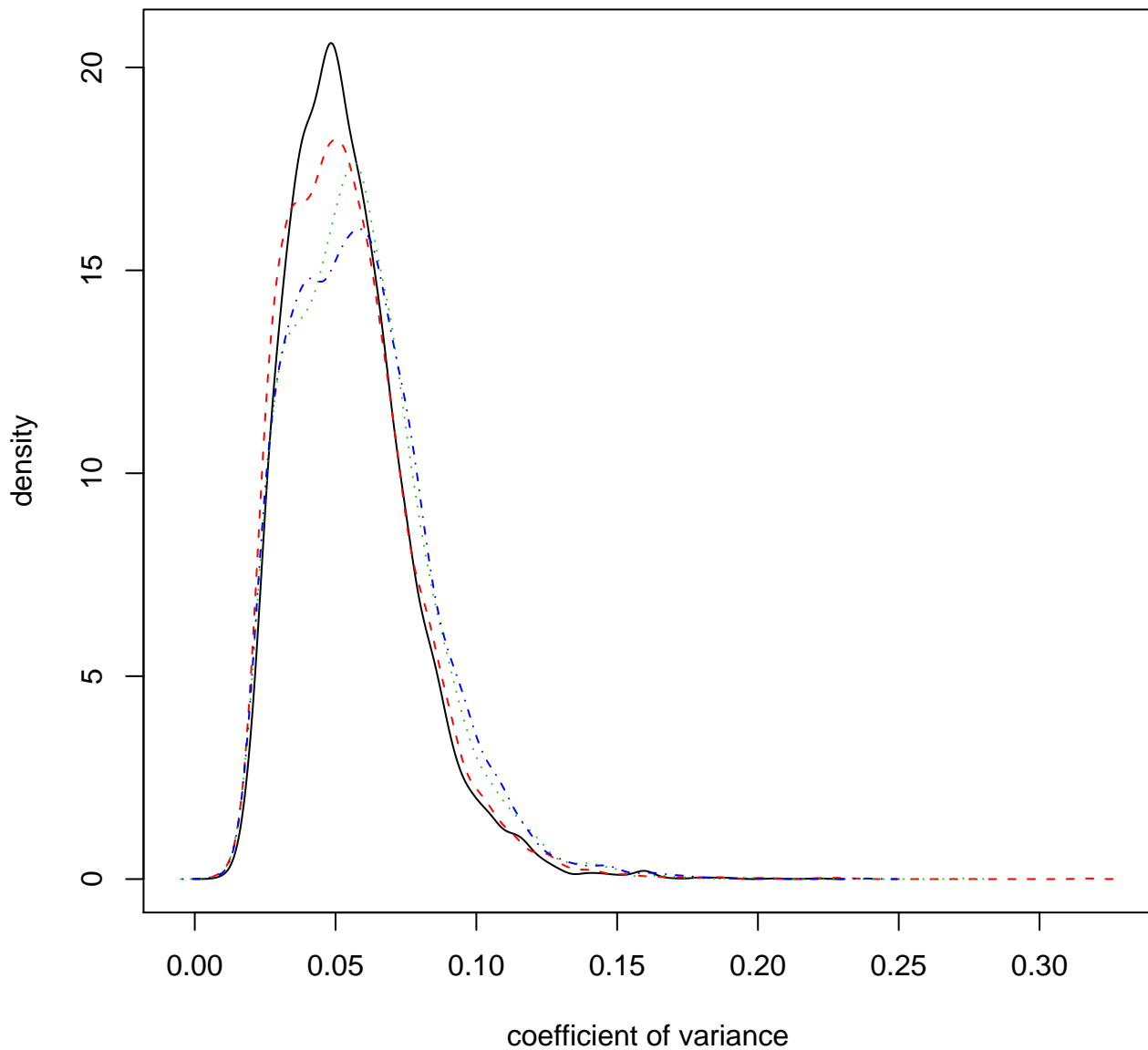
M



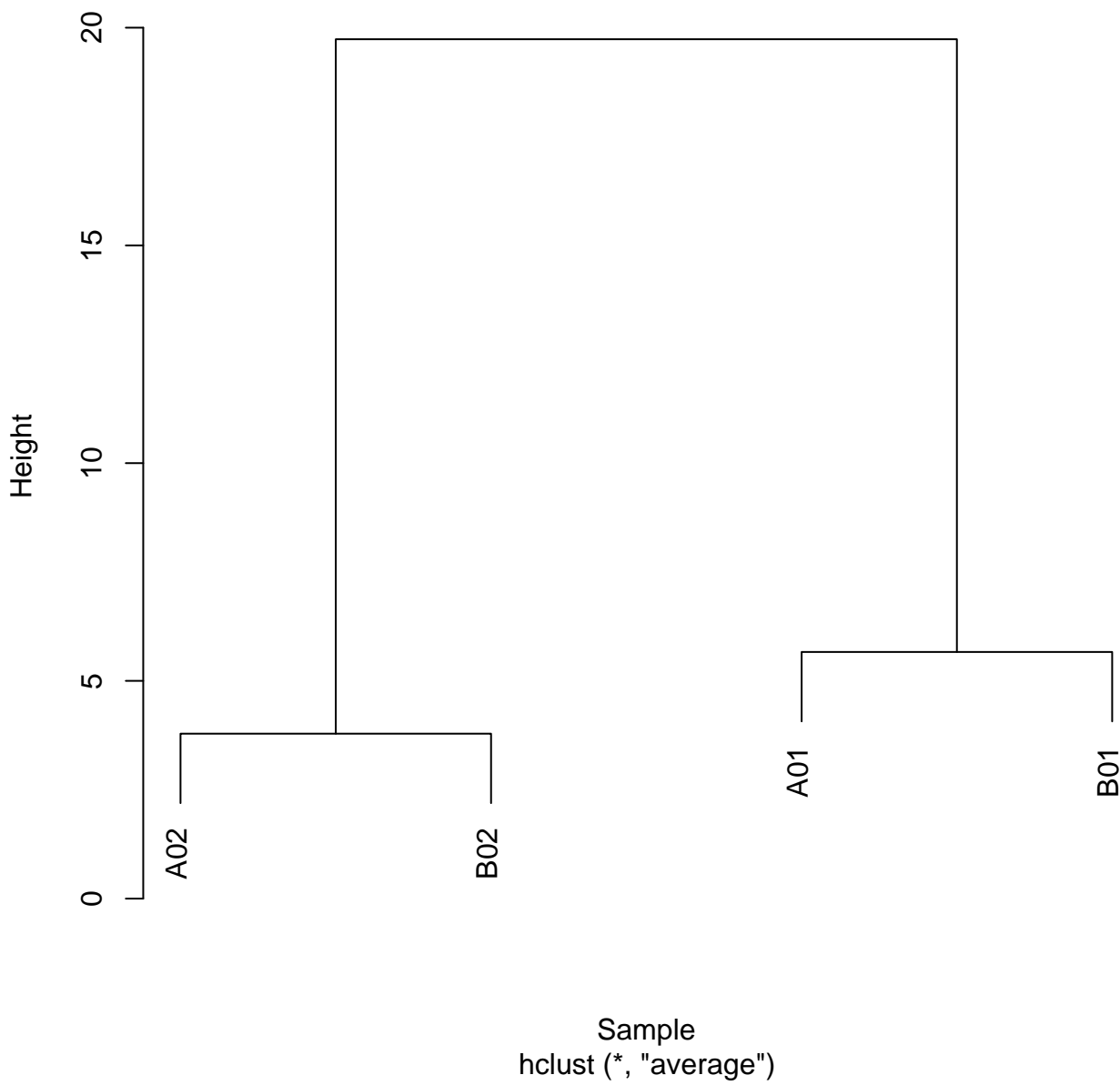
A



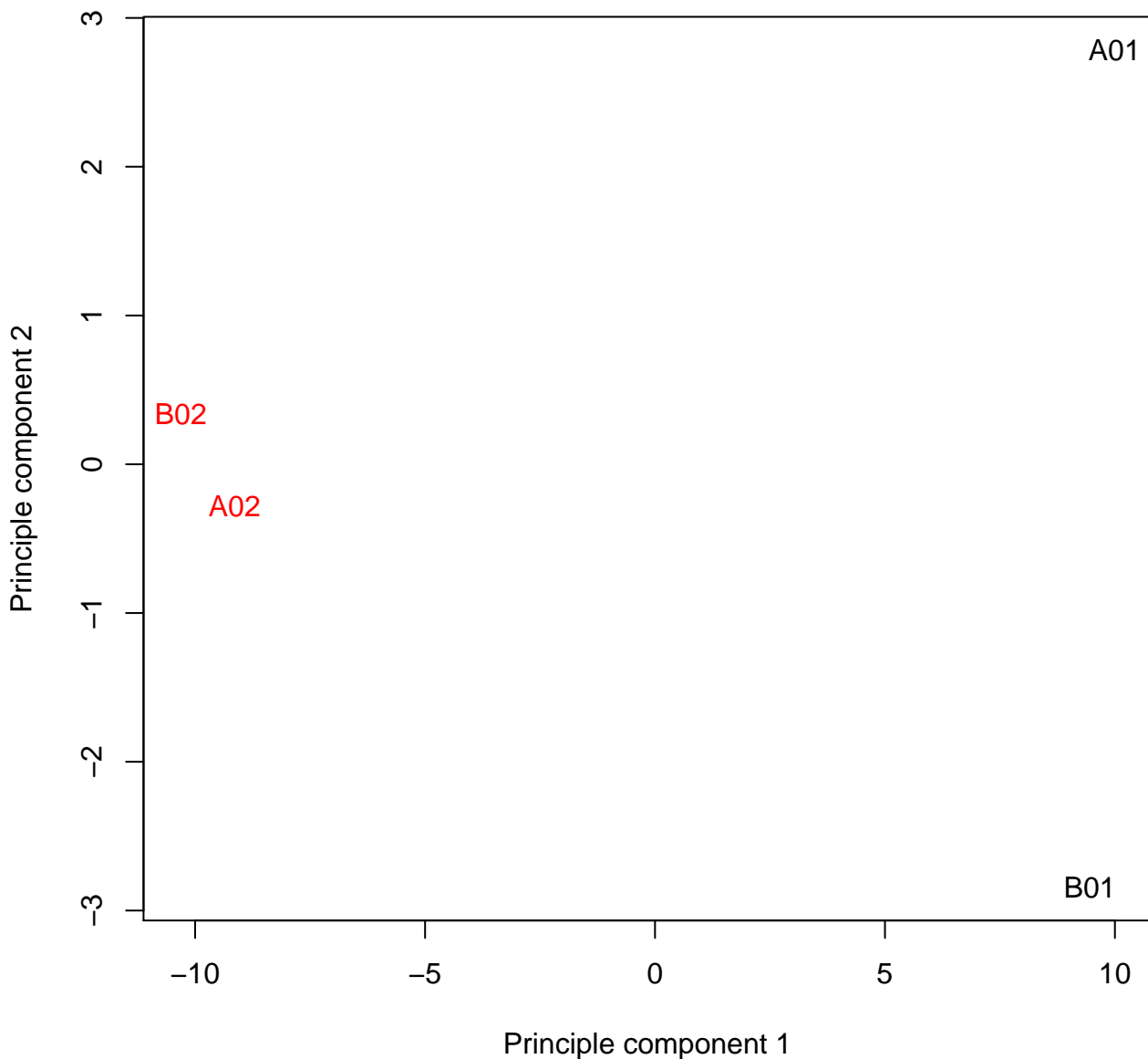
**Density plot of coefficient of variance**

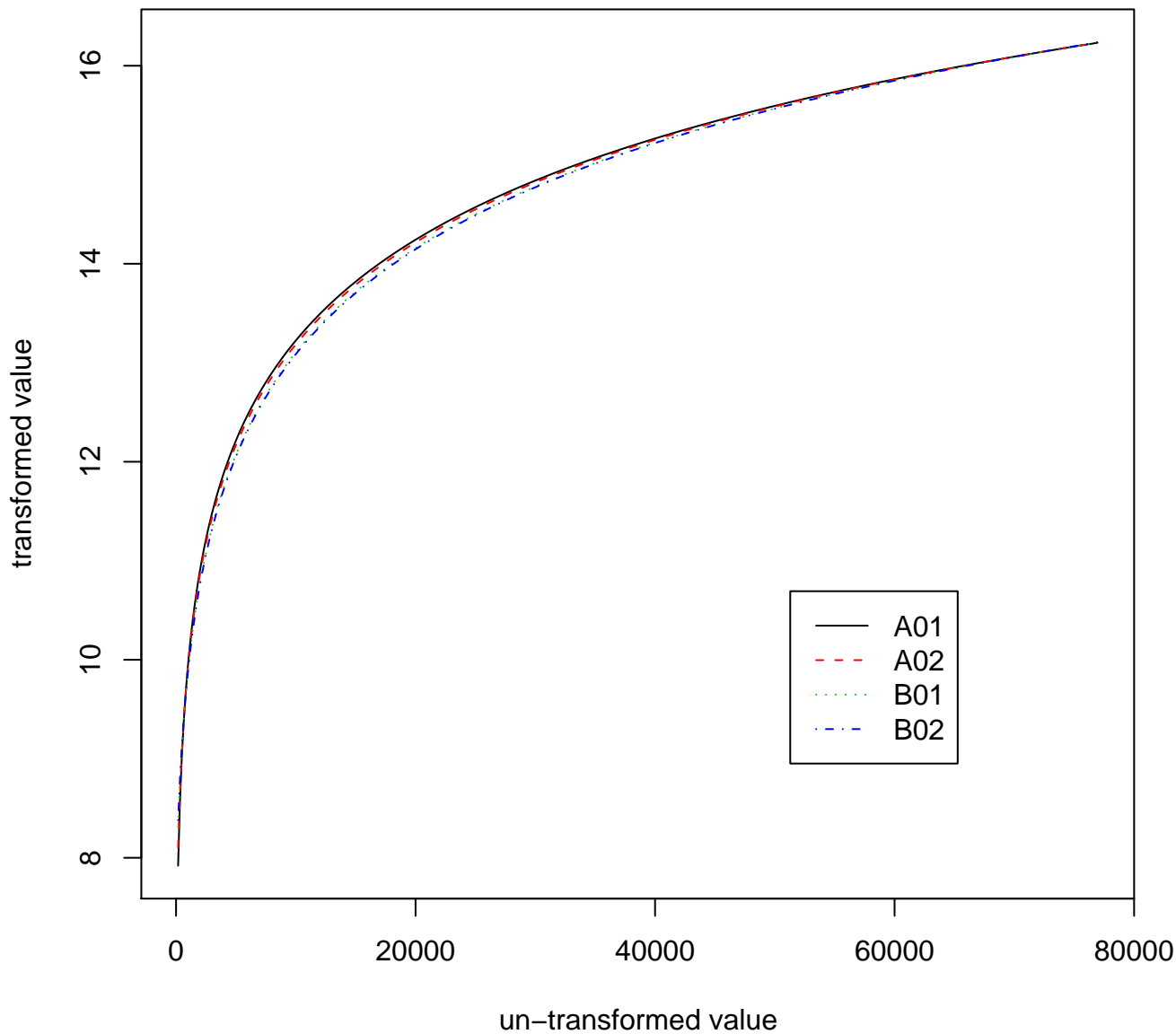


# Sample relations based on 860 genes with $sd/mean > 0.1$

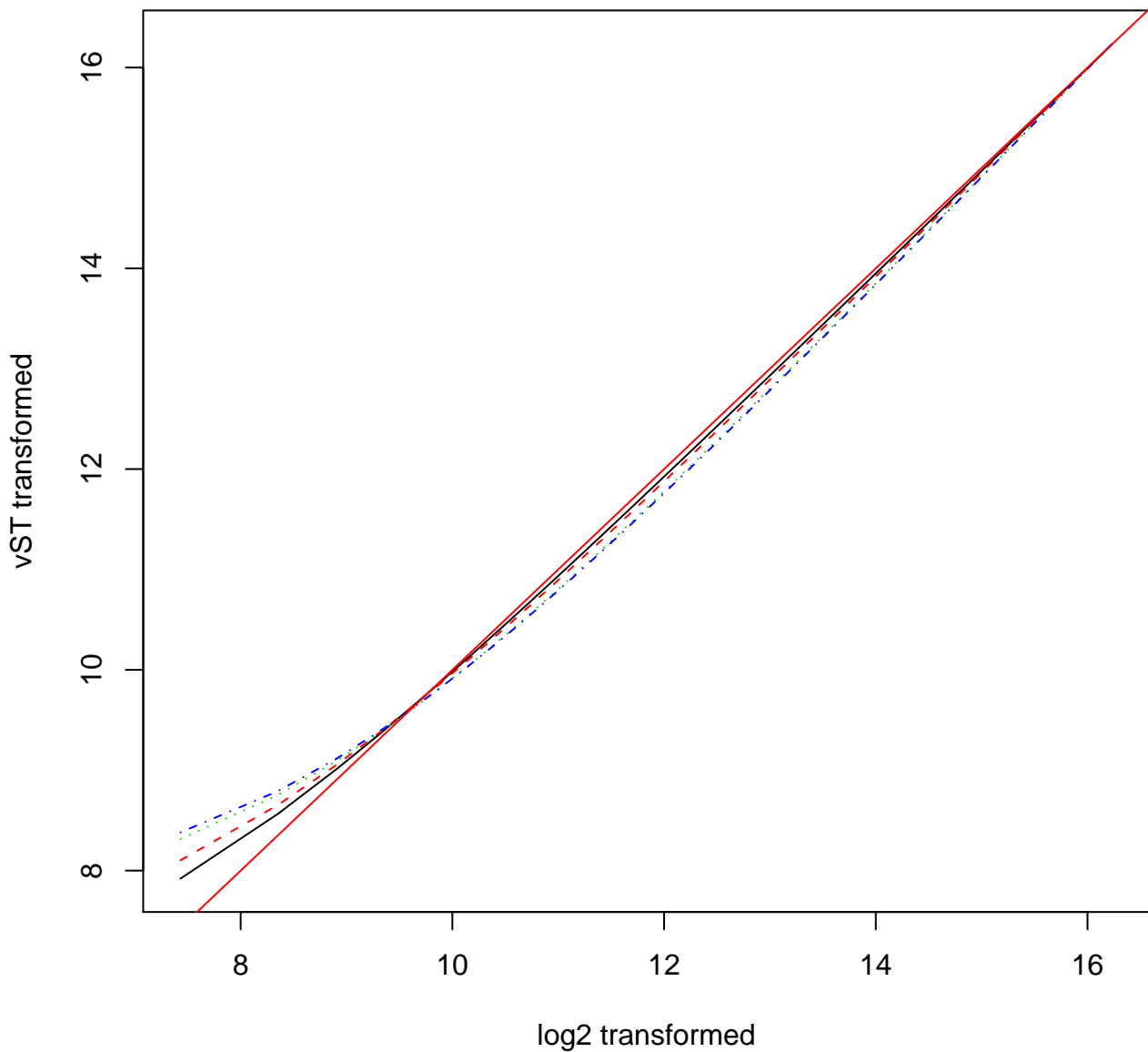


# Sample relations based on 860 genes with $sd/mean > 0.1$

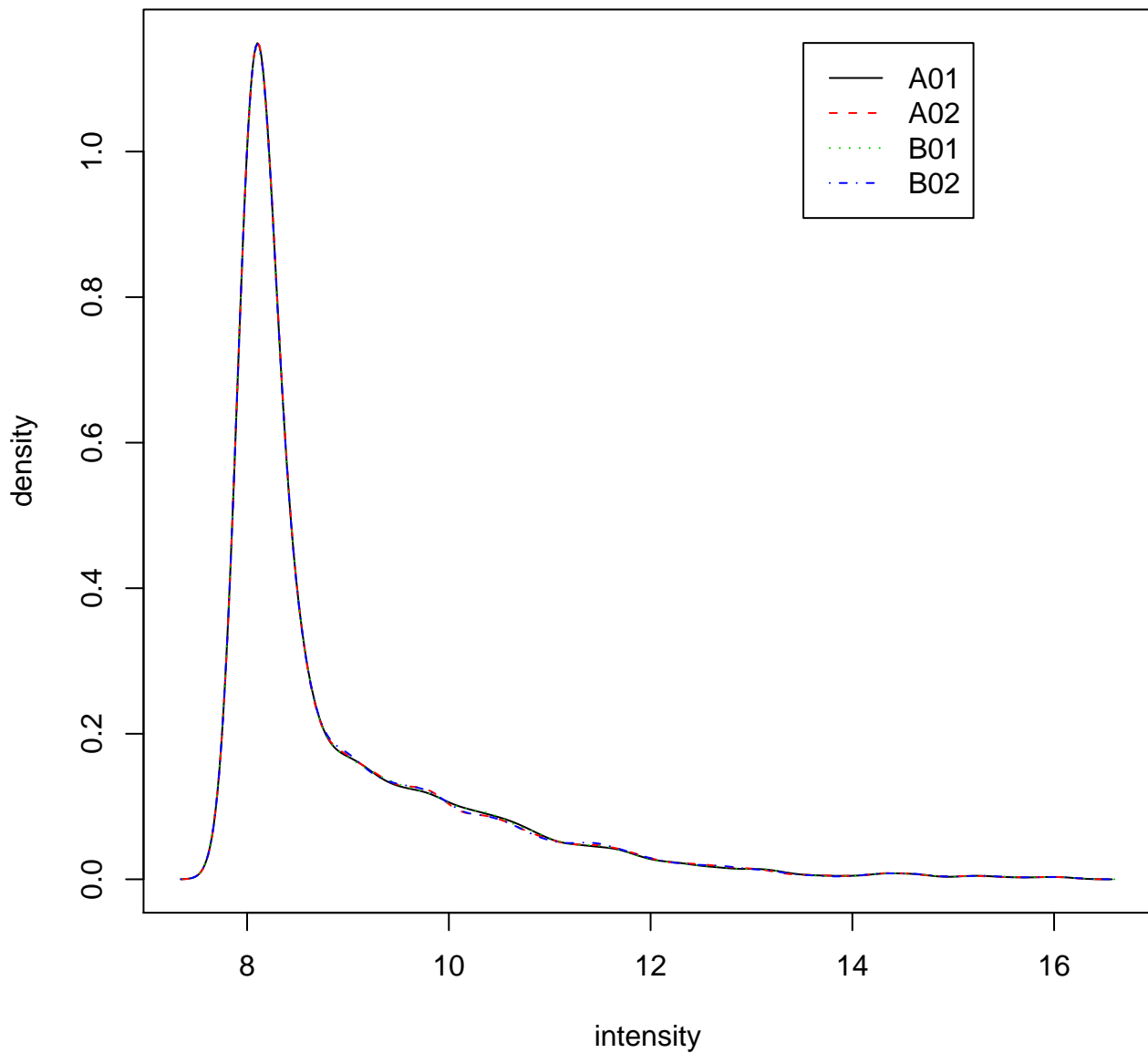




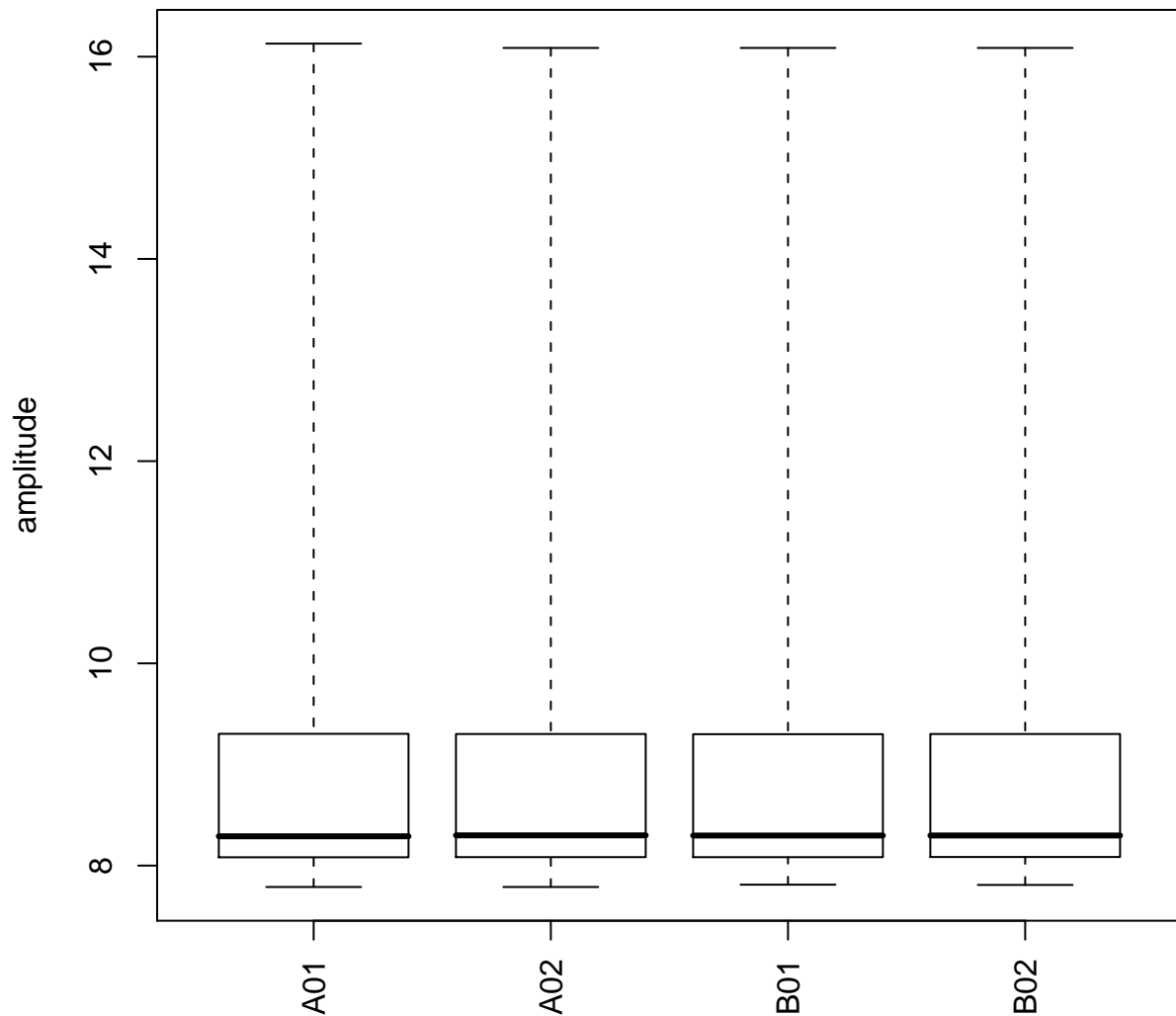
**compare VST and log2 transform**



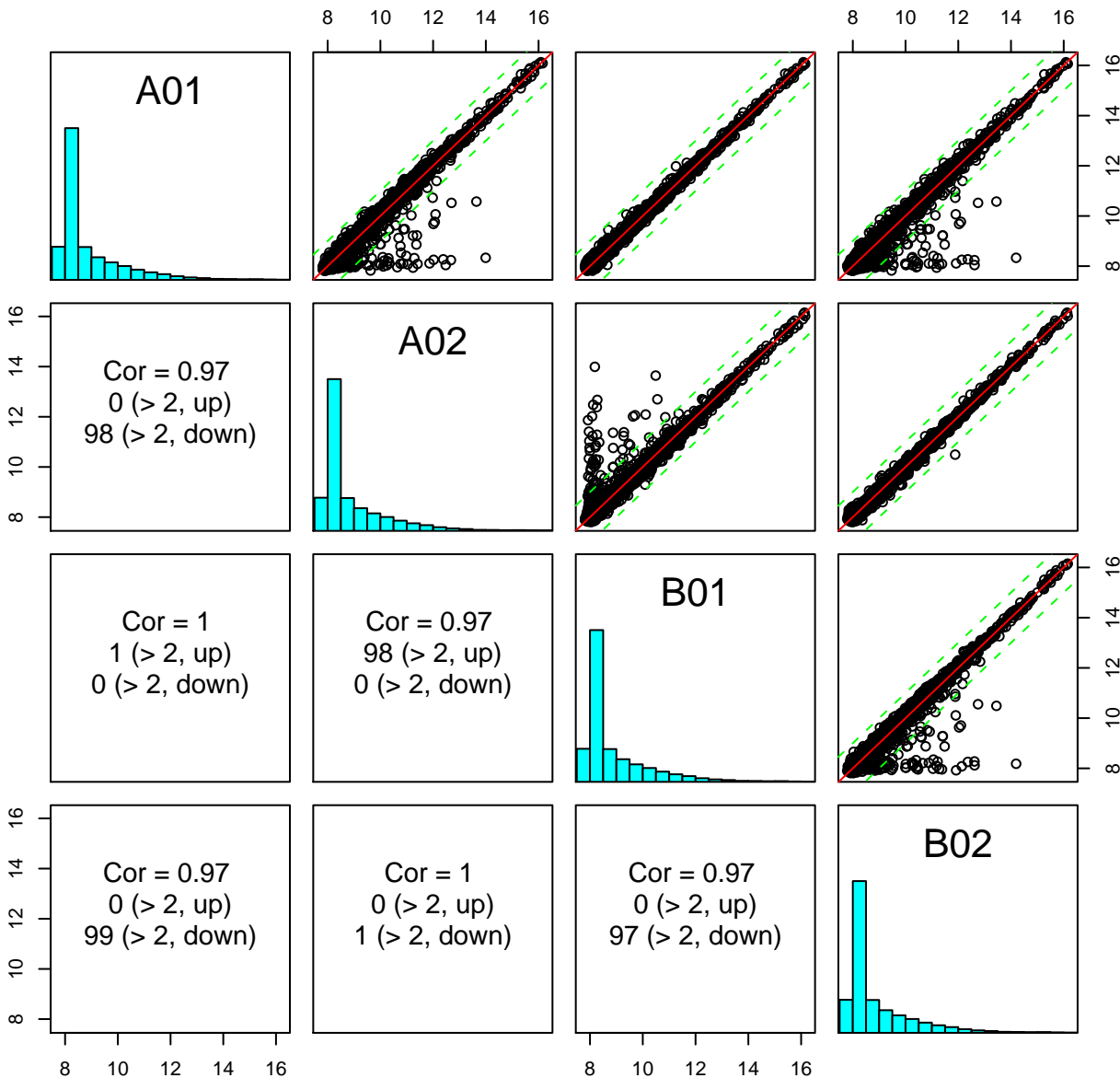
**Density plot of intensity**



**Boxplot of microarray intensity**



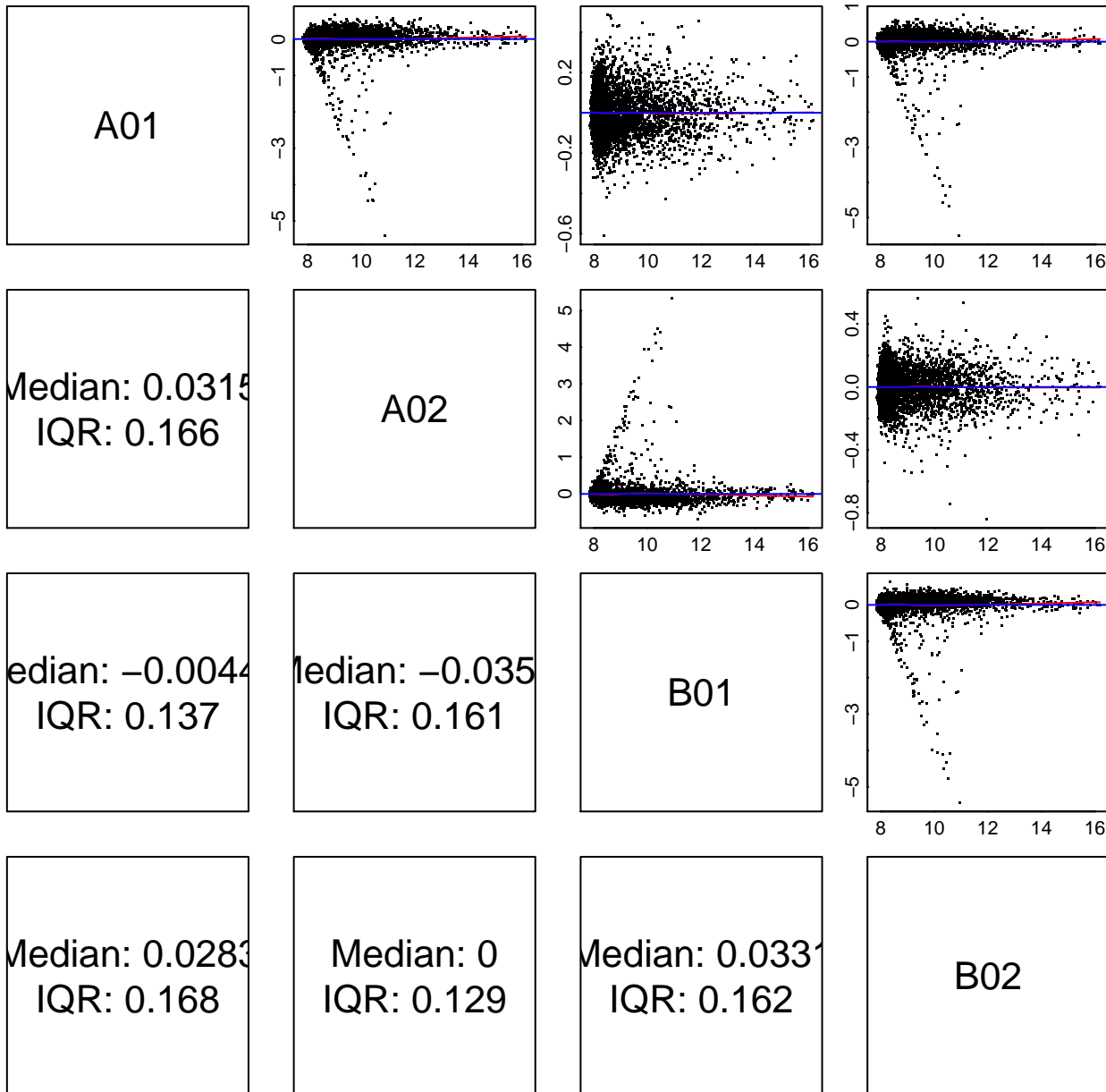
# Pairwise plot with sample correlation





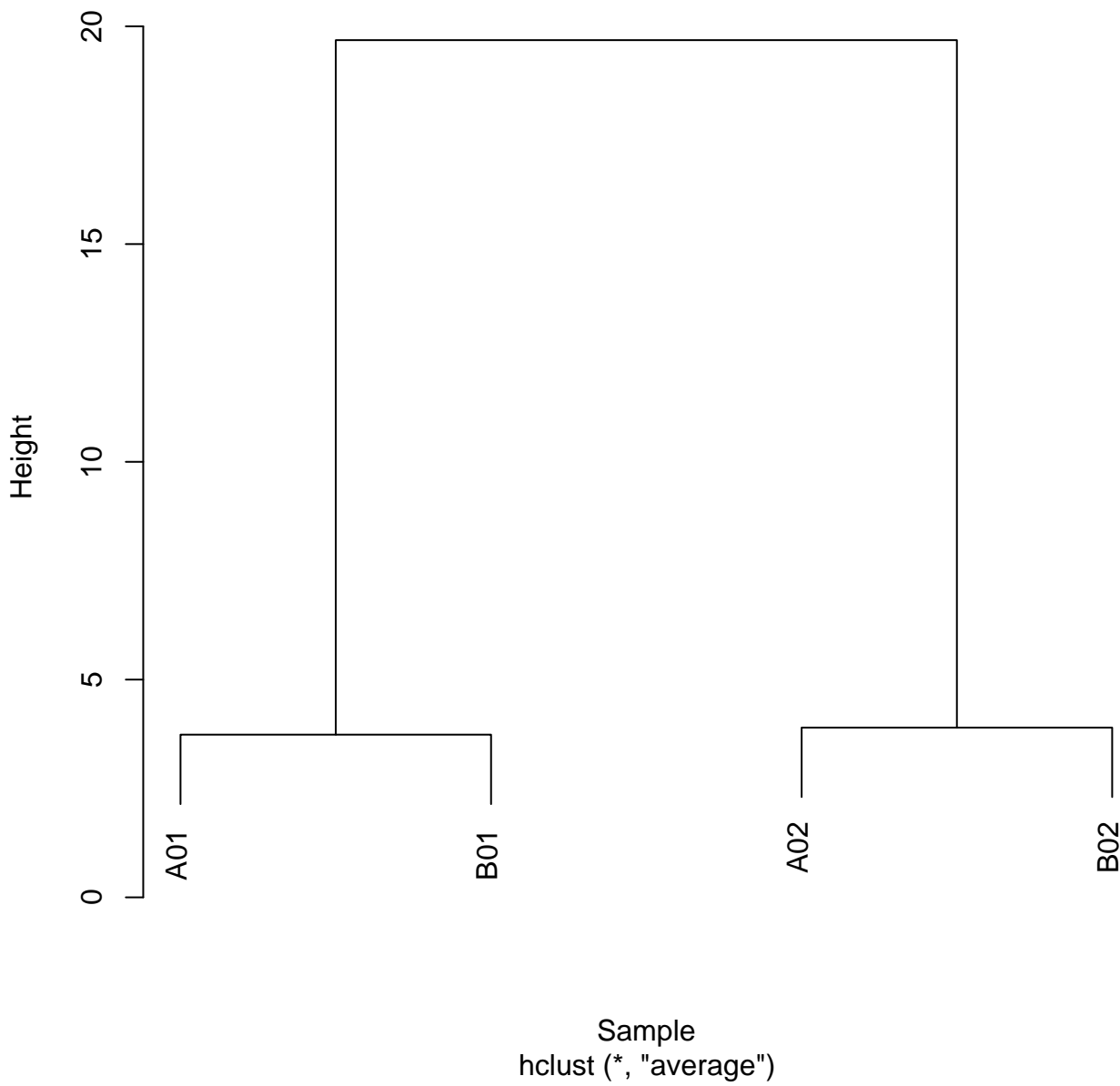
# Pairwise MA plots between samples

M

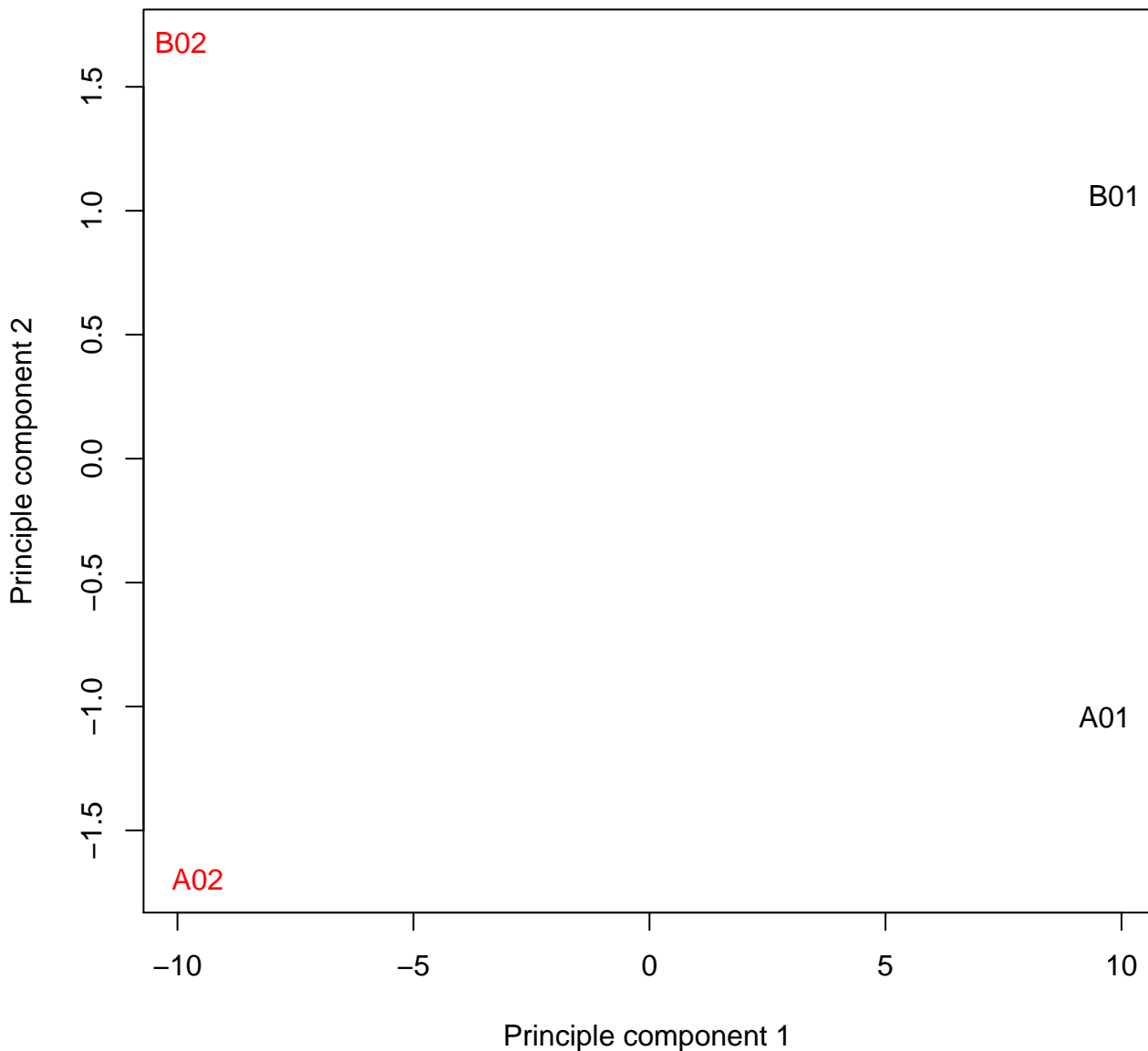


A

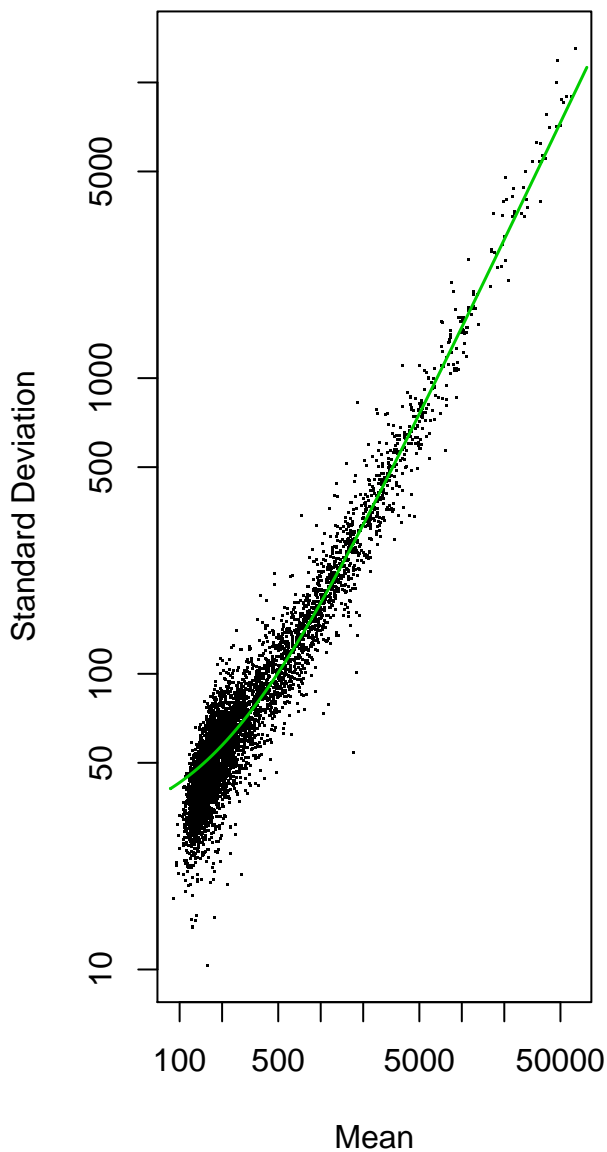
# Sample relations based on 1158 genes with $sd/mean > 0.1$



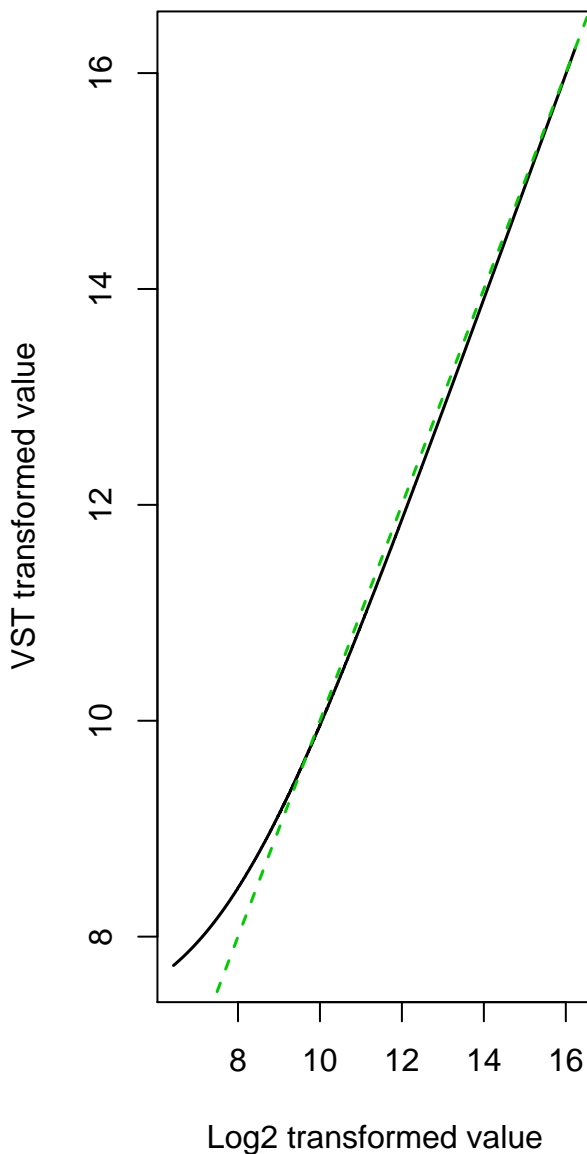
# Sample relations based on 1158 genes with $sd/mean > 0.1$



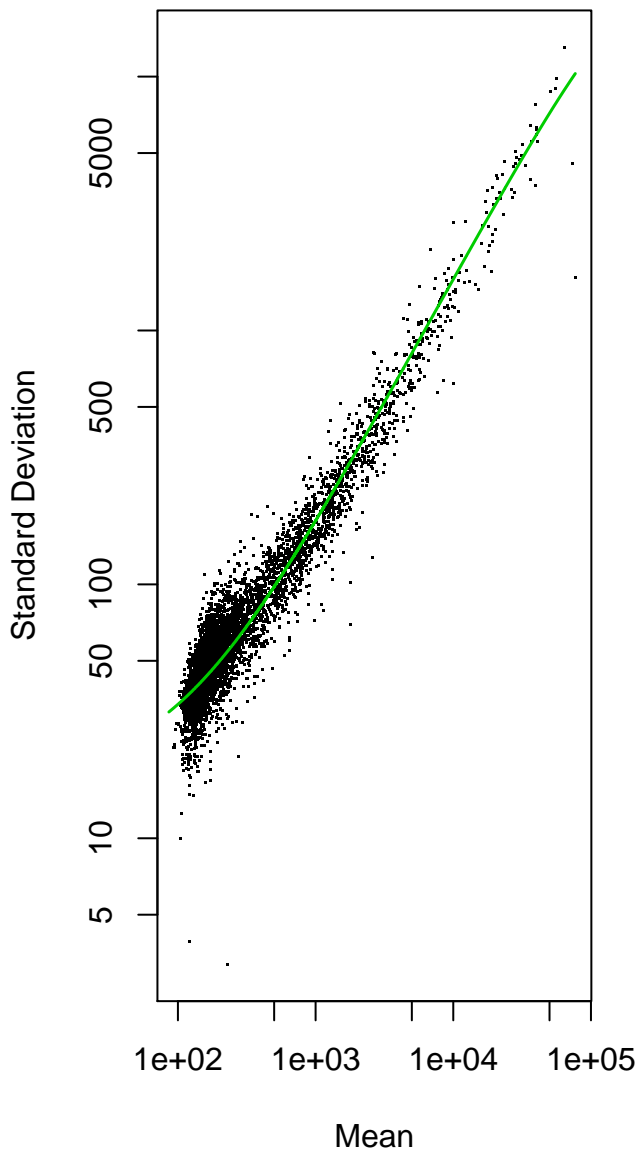
**(A) Relations of probe Mean and SI**



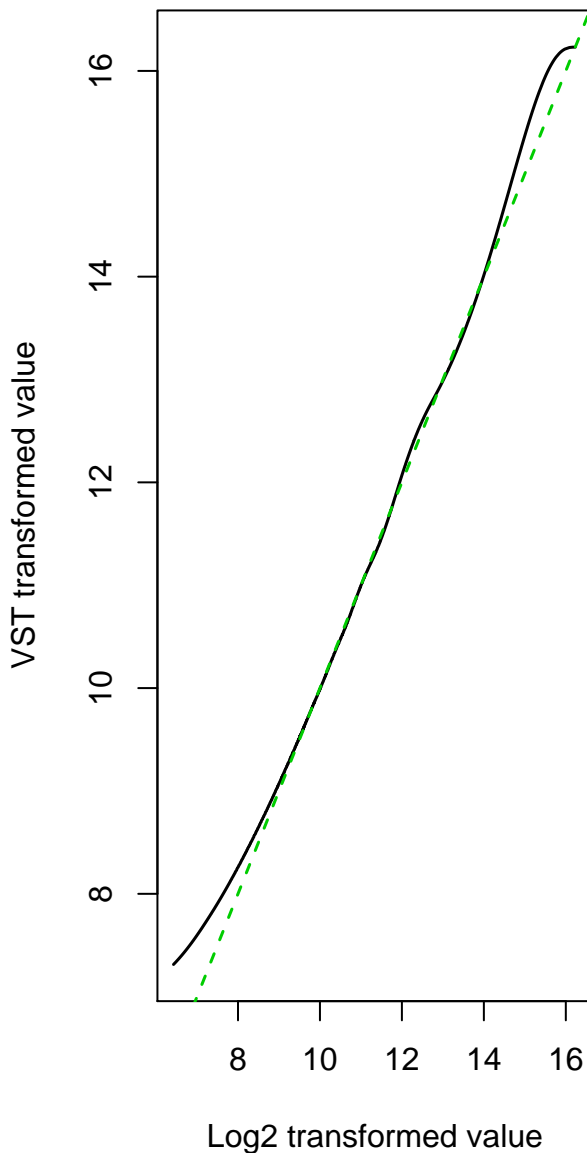
**(B) Log2 vs. VST**

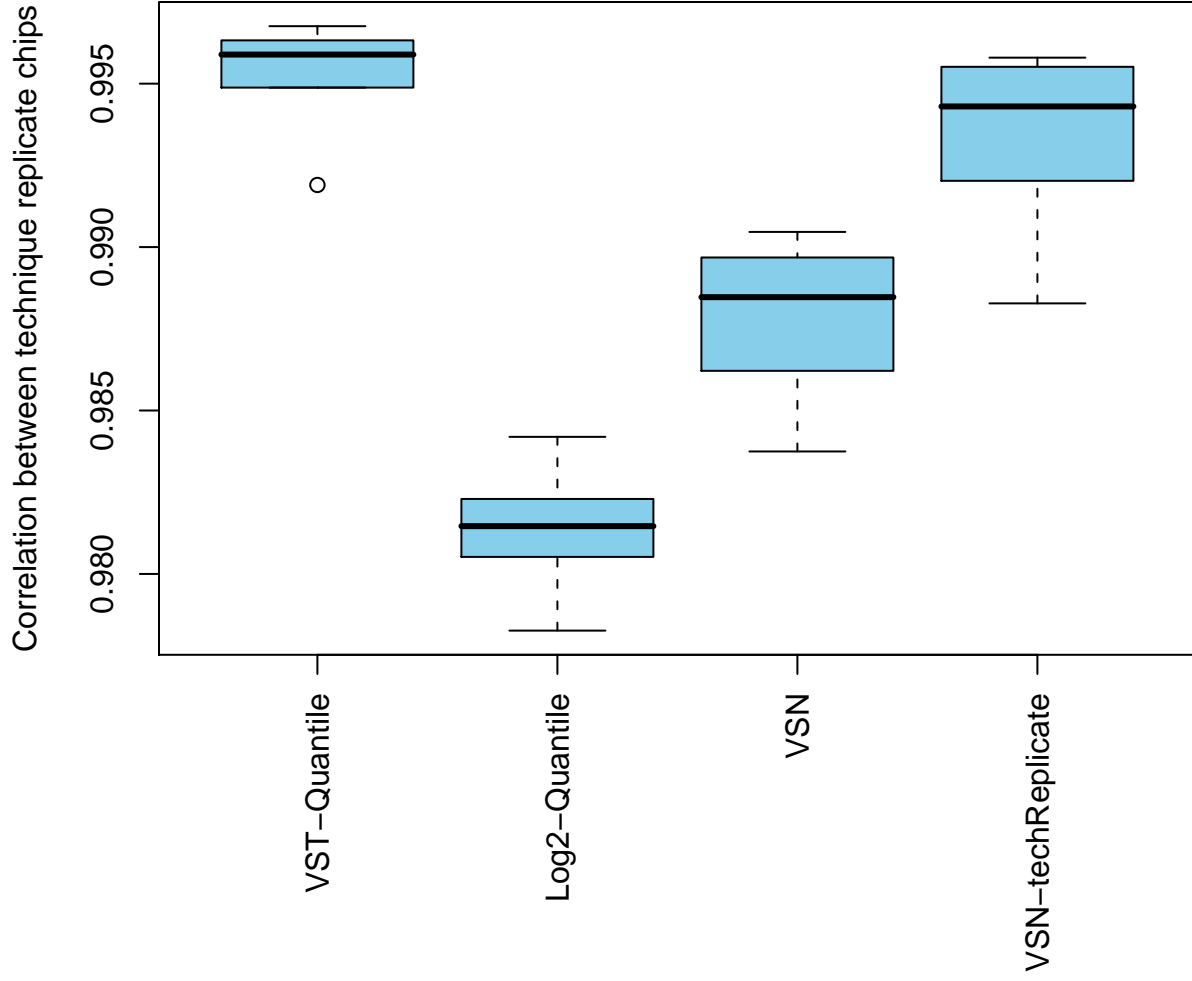


**(A) Relations of probe Mean and SI**



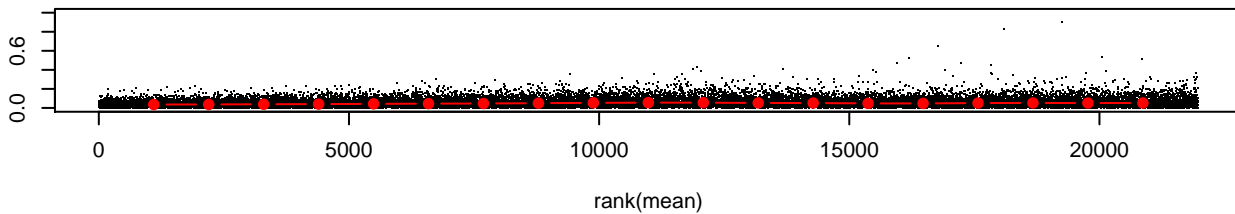
**(B) Log2 vs. VST**





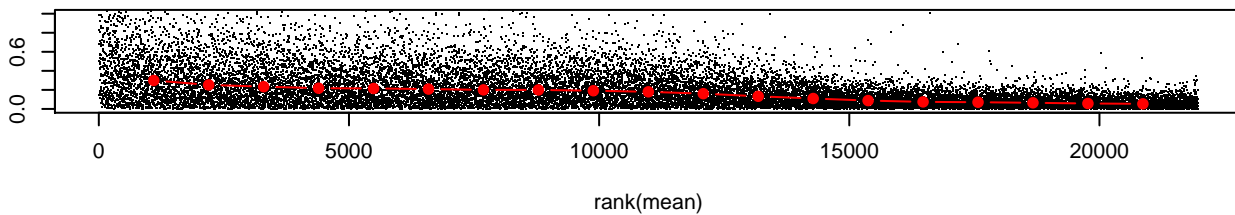
**VST-Quantile**

Standard deviation



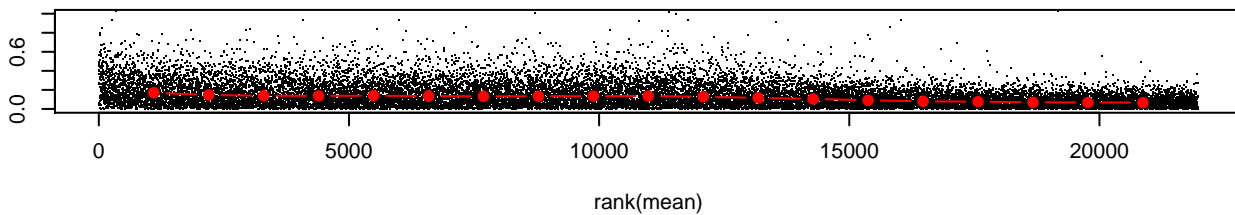
**Log2-Quantile**

Standard deviation



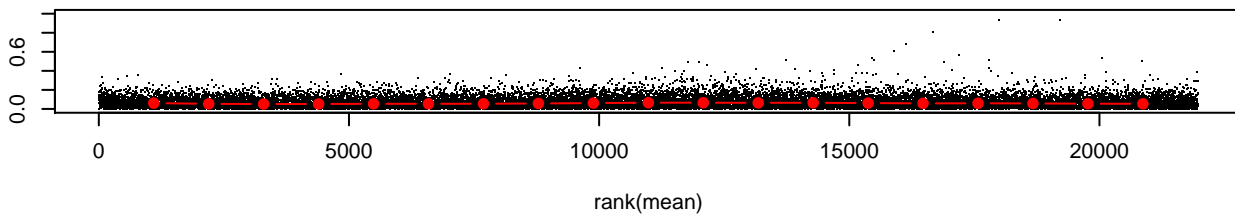
**VSN**

Standard deviation



**VSN-techReplicate**

Standard deviation



**Cumulative distribution of F-test p-value**

