module-11.R

r1916748

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# Wrong code  
  
# tukey\_multiple <- function(x) {  
# outliers <- array(TRUE,dim=dim(x))  
# for (j in 1:ncol(x))  
# {  
# outliers[,j] <- outliers[,j] && tukey.outlier(x[,j])  
# }  
# outlier.vec <- vector(length=nrow(x))  
# for (i in 1:nrow(x))  
# { outlier.vec[i] <- all(outliers[i,]) } return(outlier.vec) }  
#   
# Right code  
tukey\_multiple <- function(x)  
{  
 outliers <- array(TRUE,dim=dim(x))  
 for (j in 1:ncol(x))  
 {  
 outliers[,j] <- outliers[,j] && tukey.outlier(x[,j])  
 }  
 outlier.vec <- vector(length=nrow(x))  
 for (i in 1:nrow(x))  
 { outlier.vec[i] <- all(outliers[i,])  
   
 }  
 return(outlier.vec)  
   
}