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# -----
# Description: MVAboxbank6 computes Boxplots for the diagonal
#             (Variable 6) of the genuine and forged banknotes
# -----
# Usage:      -
# -----
# Keywords:   boxplot
# -----
# Inputs:     none
# -----
# Output:     Boxplots for the diagonal (Variable 6)
#             of the genuine and forged banknotes
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#
# -----

# clear variables and close windows

rm(list=ls(all=TRUE))
graphics.off()

# Load data
# The data file should be located in the same folder as this Qlet
# Set the R working directory to this directory using setwd()
# Example: setwd("C:/...")

#x  = read.table('bank2.dat');
pdf("Note boxes1.pdf")
x = read.table('SwissBank 1.txt')
m1 = mean(x[1:100,6])
m2 = mean(x[101:200,6])

boxplot(x[1:100,6], x[101:200,6], axes=FALSE, frame=TRUE)
axis(side=1, at=seq(1,2),label=c('GENUINE','COUNTERFEIT') )
axis(side=2, at=seq(130,150,.5), label=seq(130,150,.5))
title('Swiss Bank Notes')
lines(c(0.6, 1.4),c(m1, m1),lty="dotted",lwd=1.2)
lines(c(1.6, 2.4),c(m2, m2),lty="dotted",lwd=1.2)

dev.off()

```

Swiss Bank Notes

