1. **PRELIMINARI VARI (dalle slide della prima lezione ed altri)**

rnorm(10,7,1)

X =seq(-5,5,0.01)

Y= dnorm(X)

plot(X,Y,asp=8)

X =seq(-5,5,0.01)

Y= pnorm(X)

plot(X,Y)

plot(X,Y,type= "l")

 \*\*\*\*\* new

X = rnorm(10000)

hist(X,30)

 \*\*\*\*\* new

Z = rnorm(10000)

hist(Z,30,FALSE)

X =seq(-5,5,0.01)

Y= dnorm(X)

lines(X,Y)

n=10000

Z1=rnorm(n)

Z2=rnorm(n)

plot(Z1,Z2)

X1=3\*Z1; X2=Z2; plot(X1,X2,asp=1)

 \*\*\*\*\* new

A <- read.table ('clipboard', header=TRUE)

 PLIC SC SA.SC TD TMI

Piem 0.088 0.471 -0.707 -0.607 -0.3950

Vaos -1.545 0.348 -0.642 -0.813 1.5780

Lomb 0.202 1.397 -0.836 -0.790 -0.5380

TrAA 0.677 0.435 -1.269 -0.966 -0.0750

Vene 0.088 1.334 -1.210 -0.848 -0.4970

FrVG 0.639 -0.005 -1.028 -0.804 -1.3010

Ligu 1.190 -0.247 0.470 -0.429 -0.3540

EmRo 0.658 1.177 -1.315 -0.863 -0.3470

Tosc 0.126 1.092 -0.795 -0.644 -1.3550

Umbr -1.431 0.675 -0.140 -0.524 -1.2870

Marc 0.278 1.090 -0.265 -0.702 -0.0006

Lazi 2.329 0.546 -0.080 -0.113 -0.0140

Abru 0.335 -0.373 0.402 -0.456 0.0400

Moli 0.658 -1.289 0.065 0.451 -1.1510

Camp -1.811 -1.314 2.031 1.664 0.4140

Pugl -0.766 -0.926 1.038 0.648 1.1090

Basi -0.747 -1.154 0.661 0.844 2.0010

Cala -0.500 -1.727 1.571 2.153 0.6320

Sici -0.918 -1.130 1.332 1.517 1.7830

Sard 0.449 -0.403 0.717 1.285 -0.2380

 \*\*\*\*\* new

cov(A)

cor(A)

plot(A)