

[illegible]



[illegible]

```
.5,56.9,52.3,46.8,735,730,729,722,716,298,308,287,287,284,276,258,253,232,212,212,205,199,186,180
,178,174,164,124,91.2,82.8,79.5,82.4,70.7,58.5,56.9,52.3,46.8,734,733,732,723,721,721,721,503,313
,286,285,287,276,233,216,213,205,197,164,125,99,91.2,70.7,57.3,51.9,46.8,696,684,684,684,684,683,
683,300,300,289,289,285,279,278,259,258,259,254,207,206,184,182,182,165,51.4,703,702,694,693)
> y5 <- c(692,691,476,309,289,289,289,289,289,282,279,261,251,232,205,199,175,165,122,99.5,91.2,69.4,
53.9,51.9,45.6,733,733,731,723,721,720,720,502,307,288,286,286,276,233,210,200,193,183,170,164,12
9,99,91.2,82.4,70.7,56,51.4,46.8)
> y <- c(y0,y1,y2,y3,y4,y5)
> cor.test(x, y, alternative = "two.sided", method = "spearman", exact=FALSE )
```

Spearman's rank correlation rho

```
data: x and y
S = 493862706, p-value < 2.2e-16
alternative hypothesis: true rho is not equal to 0
sample estimates:
rho
0.2073481
```

```
> # ---- Confidence interval ----
> if(!"RVAideMemoire" %in% installed.packages()){install.packages("RVAideMemoire")}
> library(RVAideMemoire)
*** Package RVAideMemoire v 0.9-83-3 ***
> spearman.ci(x,y)
```

Spearman's rank correlation

```
data: x and y
1000 replicates

95 percent confidence interval:
 0.1613507 0.2517465
sample estimates:
rho
0.2073481
```

```
>
```