



```
> ## cor coef
> b<-unlist(cor(ats,method = "spearman"))[1,2]
> ## cor coef (rand sample)
> dm<-1e4
> a<-rep(NA,dm);i<-1
> for(x in sample((dim(ats)[1]-1),dm,replace = T)){
+   a[i]<-unlist(cor(ats[(1:x),],method = "spearman"))[1,2]
+   i<-i+1
+   };rm(x,i,dm)
> ## approx p-val
> length(a[which(a>b)])/length(a)

[1] 0.4877
```