

```
require(plyr)
require(dplyr)
require(tidyr)
require(ggplot2)
require(ggpubr)
require(zoo)
require(reshape2)
require(readxl)
require(SPEI)
require(hydroTSM)
#canesm2, ccs4, cesml-bgc, cmcc-cms, cnrm-cm5, csiro-mk3-6-0, gfdl-cm3, gfdl-esm2g, hadgem2-cc,
#hadgem2-es, inmc4, miroc5, mpi-esm-lr, mri-cgcm3, noresml-m
#canesm2, ccms4, cesml-bgc, cmcc-cms, cnrm-cm5, gfdl-cm3, hadgem2-cc, hadgem2-es, miroc5
gcm<-"noresml-m"
rainfall<-read.zoo(paste("D:/RStudio/Climate Change/BCSD_daily_3/loca_daily_meteorology/",gcm,"_rcp85_pr_stn_77.txt", sep=""))
data<-rainfall[10228:46021,];
data1<-daily2annual(data, FUN = sum)
data2<-data.frame(data1);
data3<-data2[,1]
time<-seq(1978,2075)
lm(data3~time)
```