

02441 Applied Statistics and Statistical Software

Exercise 1A - Climate

The dataset clima contains yearly average temperatures in Denmark and Greenland for the last hundred years.

Variable name	Description
time	Year
denmark	Average temperature in Denmark
greenland	Average temperature in Greenland

1. Plot the two time series and compute the correlation. What is the conclusion?

Start by loading the data (make sure datafile is present in working directory)

```
# Put code here
```

Use the plot command in R to plot data

```
# Put code here
```

Plot Temperatures of Greenland and Denmark up against each other to explore the relation between these two.

```
# Put code here
```

2 Is the temperature in Denmark increasing when considering the time series 1900-1960?

```
# Put code here
```

3 Is the temperature in Denmark increasing when considering the time series 1960-2000?

```
# Put code here
```