1. In retrospect, is DOMA a representative station? Why do you think its behaviour is so different than the other stations?

It is less representative than other stations. It’s behaviour is so different because of the smallest catchment area, and it’s location in mountains with the highest altitude.

1. In our analysis, we have used only river runoff. Precipitation is a factor strongly linked with runoff. Can you perform a similar analysis (boxplots and regression) for precipitation? Precipitation data averaged over the whole Rhine region can be found in the file precip\_day.rds in folder data. What do you observe?

Answer in question2assign4e.r

1. What are your thoughts about the changes in Rhine runoff after completing EDA?

It became clearer about how we can use data bases for helping environment. With the results of our analyses we can confirm Middlekoop’s assumption about Rhine’s runoff change. And continuing analyzing, we can say how these changes affect human, environment, animal and fish population in river area. A lot of information on the whole timescale, based on just measurements.

1. Which are some future analyses or other factors that should be examined? Present some arguments related to the findings so far.

Human impact to the river, mean temperature of the river, amount of minerals coming through station. The last one about minerals would be really useful, because then we can detect changes from groundwater.