Step 1: Installation of the three Data Packages **ssnibmg**, **tcnibmg** and **tcnibmgML**

- Download the following data packages files from https://figshare.com/ using the links provided below:
  ssnibmg_1.0.tar.gz from **https://doi.org/10.6084/m9.figshare.4592800.v1**
  ssgeosurv_1.0.tar.gz, tcnibmg_1.0.tar.gz and tcnibmgML_1.0.tar.gz from
  https://doi.org/10.6084/m9.figshare.8118413.v3
- Change the directory to where you saved the files. Start R.
- At the R prompt, issue the following commands:
  > install.packages(pkgs="ssnibmg_1.0.tar.gz", repos=NULL)
  > install.packages(pkgs="ssgeosurv_1.0.tar.gz", repos=NULL)
  > install.packages(pkgs="tcnibmg_1.0.tar.gz", repos=NULL)
  > install.packages(pkgs="tcnibmgML_1.0.tar.gz", repos=NULL)
- Now the three data packages are installed on your computer.
- Check with the following commands:
  > library("ssnibmg")
  > library("ssgeosurv")
  > library("tcnibmg")
  > library("tcnibmgML")

Step 2: Running the analysis

• It is assumed that you have access to a folder **tcnibmgdoc**
• Start R and set the working directory to **tcnibmgdoc**
• Run the script **main.R**