The presented files are related to the publication:

Mieczyslaw Szyszkowicz, Case-crossover method with a short time-window.

Data files (in Excel CSV files)

**(DATA)**

**sim1dat23D.csv, sim2dat23D, sim3dat23D, sim4dat23D**

The following programs in R read these files and realize the 2D, 3D, and 2W method, respectively.

**(PROGRAMS)**

**Prg2DSimulN.R, Prg3DSimulN.R, and Prg2WSimulN.R**

The results from the programs are organized as Excel files

**(RESULTS)**

**ResD2Simul1234.csv, ResD3Simul1234.csv, ResW2Simul1234.csv.**

To realize 2-week chained process four data files were created (using original simulation data).

**(DATA)**

**sim1datAB.csv, sim2datAB.csv, sim3datAB.csv, sim4datAB.csv**

The program **Prg2WCSimulN.R** is used to process these files, and a summary is in **ResW2Simu1234.csv**

The program **PrgDRAW.R** uses the result files (their names start with **Res\***.) to create the corresponding figures, It plots the estimated values of slopes (Beat) for four simulation data.

This program also provides the statics on the slopes and their standard errors (**ResSTATISTICS.doc**, and pdf)