

Parameters for POISSON-KRIGING

START OF PARAMETERS:

breast-mortality.dat	-File with mortality data
4	-Column number for rate to be smoothed
1 2 3	-Column numbers for unit ID + X & Y coordinates
100000	-Denominator for rates
breast-mortality.dat	-File with population data
5	-Column number for population size
-99	-Trimming limit for mortality & population data
15 20	-Number of lags + lag spacing for variogram computation
4 22.5	-Number of directions (ndir=1 or 4) + 1st azimuth for ndir=4
2	-Weights for semivariogram modeling
32 1500	-Maximum number of observations & search radius
breastvariog.txt	-Output file for risk semivariogram values + models
breastrisk.out	-Output file for estimated risk (GEO-EAS format)
breastrisk.txt	-Output file for estimated risk (csv format)

Weights option for semivariogram modeling:

1	=> constant weight
2	=> $\text{weight} = (\text{Number of data pairs})^{0.5}/\gamma$
3	=> $\text{weight} = 1/\gamma^2$
4	=> $\text{weight} = \text{Number of data pairs}$
5	=> $\text{weight} = \text{Number of data pairs}/\log(\text{lag distance})$