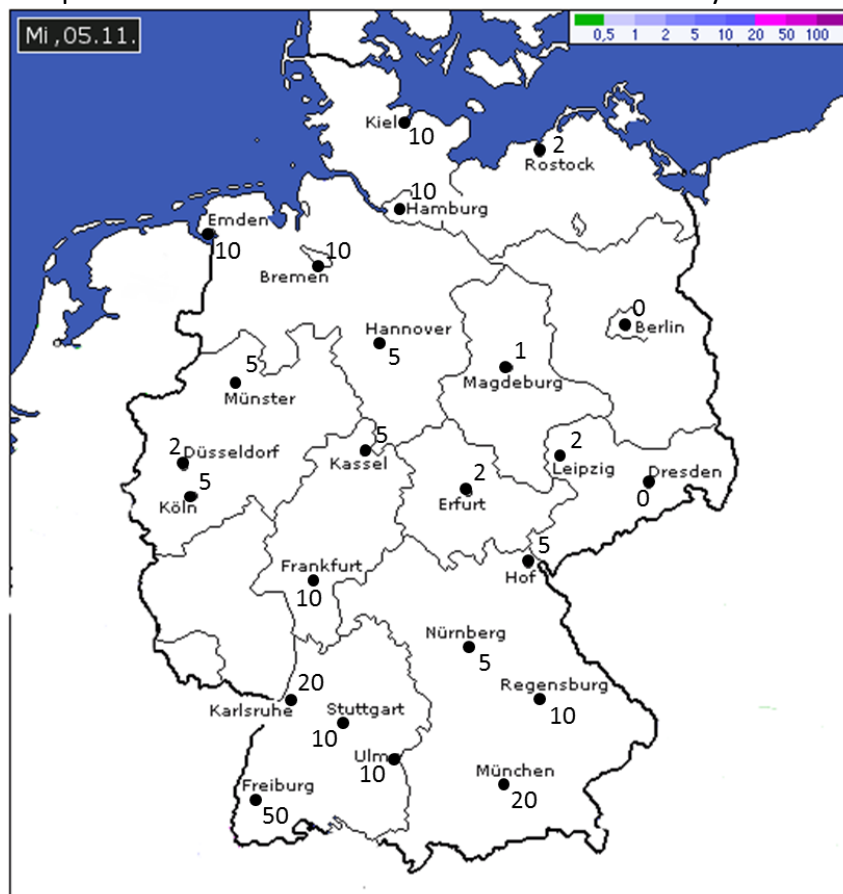


Exercises for Spatial Databases and GIS

Sheet 2 (until 14.11.2014)

Exercise 1 (Fields)

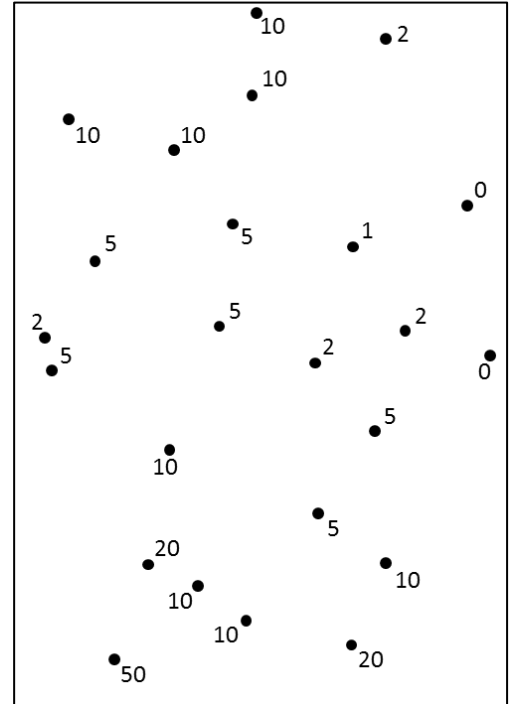
1. The precipitation amount (in mm) given on the map below should be visualized using different presentations/ interpolation methods. For colored presentations use colors similar to those given in the upper right corner of the map.
 - a. Object based visualization using the federal states as objects and color them according to the corresponding precipitation amount.
 - b. Isolines. You do not need to calculate the values in between the measured points, you may guess them. Explain why you choose the version with or without colored areas.
 - c. Nearest Neighbor
 - d. Delaunay triangulation. Explain your choice of a shading method.
2. Write down at least one positive and one negative aspect for each presentation.
3. Which interpolation method would be the most suitable? Why?



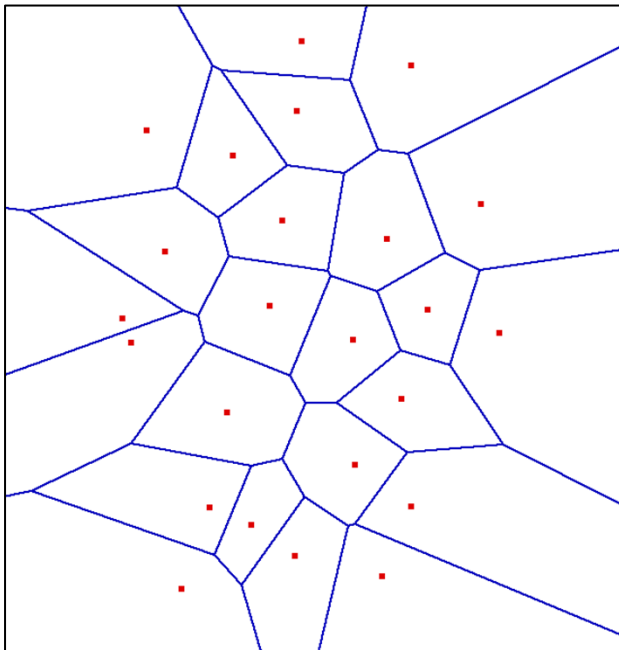
Template for a)



Template for b)



Template for c)



Template for d)

