There are few goals of a 5 min paper discussion

- You will become familiar with for finding knowledge in research papers (in many cases papers are more appropriate than books)
- You will learn how to take advantage of your 5 minutes in front of the audience – be concise in prelection, be interesting for others, be convincing and well prepared
- You will learn each other as you will share some knowledge via the presentation
- Papers are presented to extend your knowledge – the general concept of the class is that we provide you in the materials the overview of methods, some practical intuition, and how to apply them (codes, comments, etc.), and papers are to show how one uses these tools, how they may be extended and linked with other apparatus

Good discussion - assumptions:

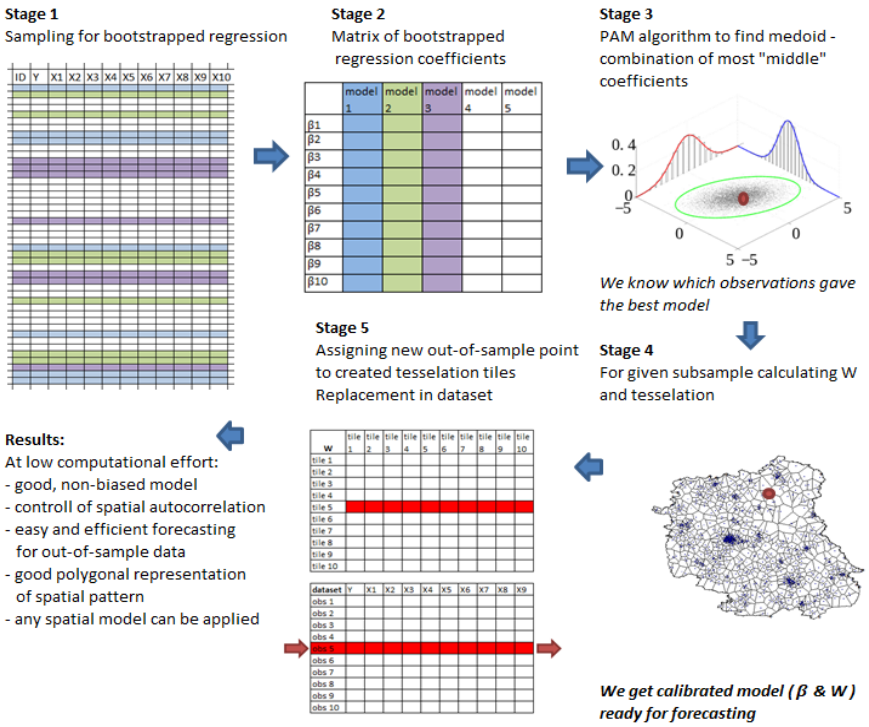
- Everybody can read from your slides (do not read the text as it appears on the slides!)
- Everybody can open the paper during the class
- Everybody understands the topic that we covered during our classes

Good discussion of a paper:

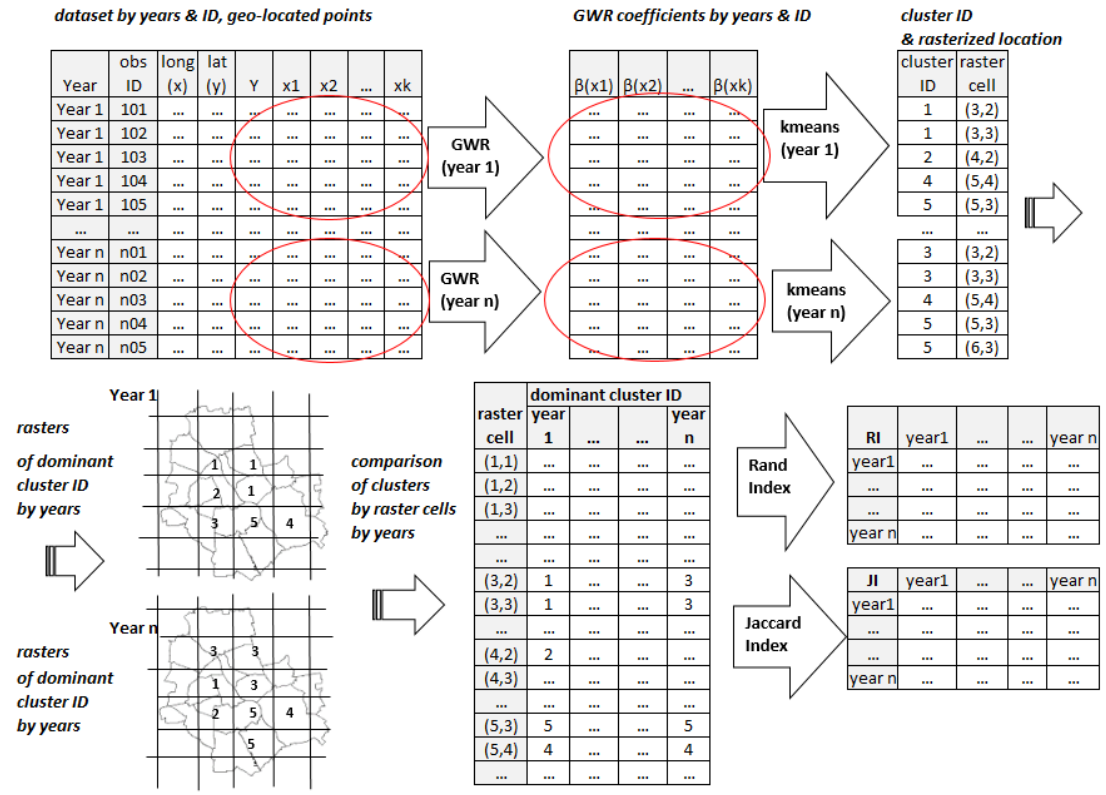
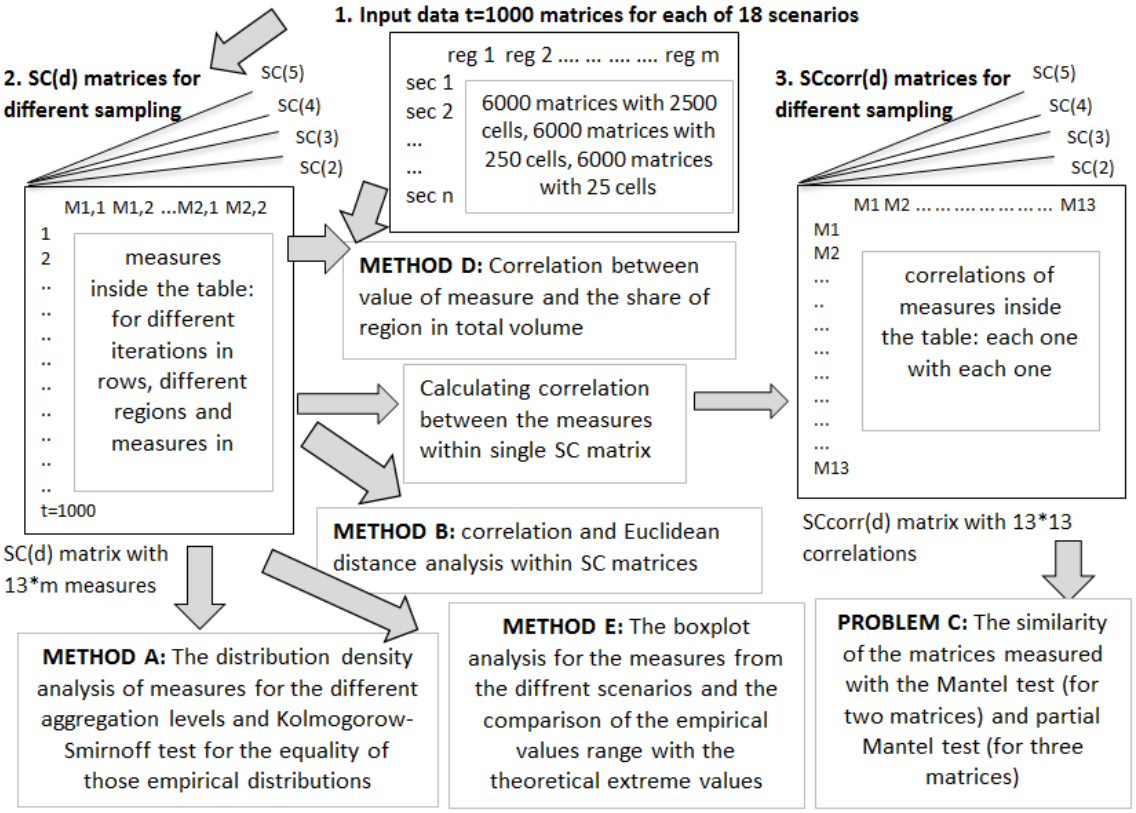
- Remember that you have only 5 minutes
- Use few slides – no more than 2 or 3
- Focus on the methods applied, not the results (do not cite numeric results!) – we are interested what, how and why the authors did in their analysis
- If possible, present a flow chart – graphical illustration of the steps of analysis (as below)
- Compare paper with info from our classes – what is different, what is more, what is new
- If paper includes new important elements, explain it in a short way

Examples of flow charts:

Example 1:



Example 2



Example 3