



TransMedRi Workshop in Biostatistics:


Critical evaluation of statistical analysis in scientific paper

Rijeka University School of Medicine

June 10, 2011




Rijeka University School of Medicine Department of Medical Informatics




TransMedRi

The major objective is to utilize various types of research training and research infrastructure improvement to upgrade the research competence that will provide MEDRI with additional resources and enable it to successfully integrate into ERA. We have already effectively employed this approach in some areas of research. Namely, by utilizing the limited support from national grants and through informal collaboration with international research groups, we have already secured funding through several EU FP6/FP7 grants, NIH grants and through bilateral grants between Croatia and other countries. We would like to extend our efforts in basic biomedical research areas to encourage the development of more clinically oriented research fields. The immediate goal of the planned activities is to synchronize the training of investigators with the efforts underway to upgrade and establish research facilities to be used by several research groups and departments working in the field of cancer, immunology, transplantation, as well as viral and microbial diseases. The work planned under several work packages based on specific training activities, as well as the specific instruments to be acquired, is aimed at further improvement of our capacities and competence to serve as partners both in basic and translational biomedical research.

- TransMedRi will contribute to regional development through:
 - Raising the competitiveness of the human research potential in the region;
 - Contribution to development of the European Research Area as a whole;
 - Strengthening the dissemination of the scientific information and research results;
 - Facilitation of the communication on the regional and European levels.




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Welcome


Dear Colleagues,

I extend a warm welcome to everyone attending the TransMedRi Workshop in Biostatistics on Critical evaluation of statistical analysis in scientific paper.

The Workshop in Biostatistics is intended for research fellows and other researchers participating in TransMedRi or any other scientific project dealing with statistics and statistical preparation of research papers, who want to advance their knowledge and skills in more complex data analysis. The sessions are organized as problem-oriented courses. The participants will have the opportunity to acquire new statistical knowledge, perform statistical analyses using software tools, and critically evaluate statistical analyses in published scientific papers.

With a warm welcome, come and enjoy the Workshop!

Mladen Petrovečki, MD, PhD



Rijeka University School of Medicine Department of Medical Informatics


Critical evaluation of statistical analysis in scientific paper

TransMedRi Workshop in Biostatistics

June 10–11, 2011
Rijeka University School of Medicine

Critical evaluation of statistical analysis in scientific paper (Friday 10th, 2011)


- Opening 9h00 – 9h30
 - Bojan Polić, Mladen Petrovečki
- Session I, Gordana Brumini, Chair 9h30 – 11h30
 - Lidija Bilić-Zulle, Rijeka, Croatia: The role of statistical reviewer in biomedical scientific journal
 - Ana-Maria Šimundić, Zagreb, Croatia: Errors in statistical analysis and data presentation
- Coffee break 11h30 – 12h00
- Session II, Ana-Maria Šimundić, Chair 12h00 – 14h00
 - Mladen Petrovečki, Rijeka, Croatia: Power analysis in research
 - Paško Konjevoda, Zagreb, Croatia: R and data analysis in oncology
- Lunch 14h00 – 15h30
- Session III, Vanja Pupovac, Chair 15h30 – 17h30
 - Ana Jerončić, Split, Croatia: Statistical methods in bioinformatical engineering
 - Daniele Fanelli, Florence, Italy: Introduction to meta-analysis
- Coffee break 17h30 – 18h00
- Round table, Lidija Bilić-Zulle, Chair 18h00 – 19h00



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Critical evaluation of statistical analysis in scientific paper (Saturday 11th, 2011)

- Closed Session 9h00 – 12h30
 - Coding data for meta-analysis, Practical work
 - Daniele Fanelli, Vanja Pupovac, Mladen Petrovečki



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Pleasant stay in Rijeka



- On behalf of
 - Medical Faculty,
 - TransMedRi Project,
 - Department of Medical Informatics and
 - Organizing Committee
 - Lidija Bilić-Zulle,
 - Gordana Brumini,
 - Mladen Petrovečki,
 - Vanja Pupovac &
 - Bojan Polić,
 - with special thanks to Vedrana Marinac Topić & Mario Pletikosa
- Enjoyable experience at the Workshop



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