

Topics for Home-Exam Part 1

Eline Aas, HELED, 17.09.18

General requirements

- No more than 2500 words (Not including tables, Figures or Ref. list)
- The grading will be follow two main categories:
 - The ability to write an academic text
 - The ability to discuss and/or apply new methods
- 40/60 valuation (the latter having the most focus)
- Deadline for final Hand-in: Dec 3rd (Insperia)

Relevant topics

- EVPI, popEVPI and EVPPI
- Heterogeneity (survival and SA, EVIC +++)
- Validation
- Budget impact analysis (BIA)
- (Meta-analysis)

EVPI, popEVPI and EVPPI - application

- Apply the methods to a model
 - AML (Oslo, spring term 2018)
 - Model from Rotterdam
 - HIV/AIDS model from Briggs
- Use limited time to present the model, but some background on the model is needed.
- Need to present the method (EVPI+++) and discuss the method
- Apply EVPPI as in Briggs, could compare with the method suggested by Strong et al.
- Apply the method
- Results
- Discussion of results and method

EVPI, popEVPI and EVPPI - essay

- This is also an option
- More related to a discussion around the method
 - Comparisons of different methods
 - Health Policy perspective
- Such an approach requires a clear objective and literature outside the syllabus
- Important with a good structure of the paper

Heterogeneity - application

- Apply the methods to a model
 - AML (Oslo, spring term 2018)
 - Model from Rotterdam ??? IF POSSIBLE
 - HIV/AIDS model from Briggs
- Use limited time to present the model, but some background on the model is needed.
- Need to present the method (Heterogeneity) and discuss the method
- Apply the method
- Results
- Discussion of results and method

Heterogeneity - application

- Survival data
- Work with the data provided to you in class and write a report where you discuss different methods
- Need to present the method (survival analysis) and discuss the method
- Apply the method
- Results
- Discussion of results and method

Heterogeneity - Essay

- Discussion of heterogeneity theoretically or in a specific
 - Review
 - How could it be applied within a specific disease area?
 - Ethics – an overview of how heterogeneity is included in political guidelines
- Need of a clear objective
- Active use of literature
- Good structure of the paper is important

Validation

- Essay
- Validation related to a specific disease area or model
- Remember to present and discuss validation in general
- Review of models explaining the same clinical pathway
 - Have the models been validated properly?

BIA

- Could consider application of the method in relation to the models used earlier
- ..or Essay
- Review of BIA in developing countries
 - Is it applied systematically?
 - Use the ISPOR guidelines