Introduction/motivation/goal clearly explained (10)

- ☐ Is the motivation of the study stated?
- ☐ Is the goal of the study stated?
- ☐ Is it stated in a prominent location?
- ☐ Are hypotheses stated?
- ☐ Are the algorithms introduced?
- ☐ Are the used tools introduced?

Appropriate statistical and visualization tools are used (30+5)

- ☐ Is a pre-study presented that indicates possible statistically relevant differences?
- ☐ Were normality tests conducted or avoided by argument?
- ☐ Was ANOVA used?
- ☐ Was ANOVA used to evaluate more than 1 question?
- ☐ Was ANOVA used correctly?
- ☐ If ANOVA is computed manually, is the computation correct?
  Alternatively, if canned ANOVA tools were used, are the details of the presented output explained?
- ☐ Were post-hoc studies conducted if statistically relevant differences were found?
- ☐ Optional extra: Were advanced ANOVA methods explained & used, such as Two-way ANOVA?

Setup and parameter selection clearly explained (10)

- ☐ Were at least 5 questions selected (1 pre, 1 post, 3 during)?
- ☐ Selected questions that make sense for the goal?
- ☐ Is the connection between questions and goals presented?
- ☐ If questions are combined, is the combination well-motivated?

Conclusions are justified and sound (20)

- ☐ Are there any conclusions?
- ☐ Are the conclusions sound?
- ☐ Are the conclusions based on the simulation, taken from elsewere, or only speculation?
- ☐ Are there reflections of the own work in the conclusion?
- ☐ Are there future work questions?

Results are well explained (30)

- ☐ Are pre-study figures fully labelled (axis labels, legends)?
- ☐ Are ANOVA results presented in a tabular form?
- ☐ Has every value in the ANOVA results been understood?
- ☐ Has every value in the ANOVA results been interpreted?
- ☐ Is the selection of P-values sensible?
- ☐ Are the post-hoc results presented with sensible P values?
- ☐ Are the results interpreted corrected?