Lab Task Assessment

Component	Criterion	Item
Report (100% in total)	Format and Style (5%)	☐ The page limit is not exceeded (max 10 pages for Sections 1 to 4) ☐ Structure (sections) as required ☐ Font and margin requirements fulfilled ☐ The report is error-free: i.e. no spelling, grammatical, and punctuation errors, no self-terminology ☐ Appropriate credit to utilized work of others (e.g. 3rd party software, publications, media, etc.) is provided, by means of references ☐ Style is precise and concise (Quality counts, not quantity!)
	Visual materials (5%)	☐ Appropriate types of visual materials (figures, tables, graphics) are used to present and illustrate concepts/results/etc. ☐ There is a clear link between the visual materials and the results presented ☐ Visual materials are fully legible and complete (contain caption, title, axis titles, units, legend) ☐ The visual material is referred to and explained in the text
	Abstract (5%)	☐ Abstract is concise and compact ☐ Conducted experiments are mentioned ☐ Main results and insights from the experiments are mentioned
	Happiness and Risk (15%)	☐ Your definitions of a voter's happiness level and of the risk of strategic voting for a voting situation are precisely described and well explained ☐ Your definitions are well illustrated with examples that show how your definitions "work in practice"
	Experiments and Results – Basic TVA (20%)	☐ The conducted experiments and their settings/parameters are described in an easy-to-understand way ☐ Experiments are structured in an organized fashion ☐ Results and outcomes of all the conducted experiments are presented in a structured way (e.g., in subsections) ☐ Results produced for different voting schemes are carefully compared with each other
	Experiments and Results – Advanced TVA (20%)	☐ It is described in detail in how far your "Advanced TVA" is "advanced" (i.e., goes beyond the basic TVA) ☐ The conducted experiments and their settings/parameters are described in an easy-to-understand way ☐ Experiments are structured in an organized fashion (e.g., in subsections) ☐ Results and outcomes of all the conducted experiments are presented in a structured way (e.g., in subsections) ☐ Results produced for different voting schemes are carefully compared with each other
	Rationale of design decisions and experimental choices (10%)	☐ Your conceptual design decisions and experimental choices are motivated/explained (e.g., rationale/intention behind the experiments conducted for the Basic and the Advanced TVAs, rationale behind your definition(s) of happiness and risk, etc.)
	Discussion and Conclusions (10%)	☐ Main insights and main conclusions from the experiments are highlighted ("What can be seen from the results?") ☐ Explanations (at least explanation attempts) are provided for unexpected/surprising/remarkable results ("Are the results as expected? If not, what might be the reasons?") ☐ Voting schemes are compared w.r.t. "happiness" and "risk" ☐ Advantages and disadvantages (shortcomings) of your happiness and risk definitions are critically considered ☐ Limitations of your results and your overall experimental setting are critically considered ☐ Concrete suggestions for follow-up experiments are made ☐ Complexity considerations are provided w.r.t. the simplifying assumptions underlying a basic TVA
	Literature (mandatory)	☐ If you looked into any related material (e.g., articles, websites, etc.), it should be listed in this section; if not, just leave this section empty
	Who Did What (mandatory)	☐ Briefly summarize (e.g., in form of a bullet list) who did what in your group
	Implementation Details (mandatory)	☐ Key features of implementation are listed (e.g., programming language, program structure, any special properties/advantages of your program, etc.) ☐ Sample code is shown for calculation of happiness and risk of strategic voting (copy&paste from your program)
	Output Examples (10%)	☐ Example output is provided for different voting schemes ☐ Example output is provided for different voting situations ☐ Example output is well arranged and easily understandable (e.g., text is added to clarify what the numbers mean)
Software	Quality (mandatory)	Software submission is obligatory – Report will not be accepted without submission. Software needs to be of sufficient quality, meaning.e.g. that ☐ The software does not crash while running, and works with different initial inputs (data type of variables is checked and boundary-value analysis is performed) ☐ The software does not violate assumptions/limitations mentioned in Assignment Description document ☐ Output values fulfill the requirements mentioned in Assignment Description document ☐ There is a direct correspondence between the software and the report, i.e. the software can be used to replicate results mentioned in the report