

氏名(本籍)	RAHMAN Md Mostafizur (バングラデシュ人民共和国)		
学位の種類	博士(学術)		
学位記番号	甲第453号		
学位授与年月日	令和8年3月18日		
学位授与の要件	学位規則第4条第2項		
研究科・専攻名	工学研究科・基盤工学専攻		
学位論文題目	Economic analyses on sustainable behaviors through cognitive interventions: Experimental approach 認知的介入による持続的行動の経済分析：実験経済学的アプローチ		
論文審査	(主査) 高知工科大学	教授	小谷 浩二
	高知工科大学	講師	林 良平
	高知工科大学	講師	安井 佑太
	高知工科大学	教授	肥前 洋一
	武蔵大学	教授	田中 健太 (外)

審査結果の要旨

1. 論文の評価

公開論文審査会意見 Remarks on the public dissertation defense

- Your findings show that winners righteously behave towards losers for fairness and equality, specially when they are accountable for their decisions with an intergenerational linkage of groups. Could you please explain the WRG game procedure and how do the subjects get previous generations information (reasons and advice papers) in IRA? (Prof. Yuta Yasui)
- I recommend to exclude the 1st generation data from the analysis for the 3rd study. It may provide robust results for your study. (Prof. Yuta Yasui)
- Your experimental procedures in the third study show that the difference between IAA and IRA is in whether to use the word generation or not. The context is different between IAA and IRA with same accountability. Could you please explain it? (Prof. Yoichi Hizen)
- I think the important contribution of your third study is “accountability works in intergenerational context.” What will happen if two winners in a group take more than the endowments of a loser in that group? (Prof. Yoichi Hizen)
- In Study 2, households in future design treatment (FD) finally write their visions, missions and strategies taking the current generations standpoint. What is the reason to do this? (Prof. Yoichi Hizen)
- Your results in the 2nd study show that over three rounds, households in FD weekly consume organic (nonorganic) vegetable on average 2.07 kg (1.72 kg) more (less) than control group. Is it enough for the sustainable society? (Prof. Ryohei Hayashi)
- Could you please explain that what kind of merits we can expect to consume organic foods for the society? How many percentage of foods we should consume that belongs to organic category? (Prof. Ryohei Hayashi)
- Could you please explain why households in FD change their consumption behavior? What is the motivation behind their behavioral changes? (Prof. Ryohei Hayashi)

- In the conclusion section of your dissertation, you write limitations and future research possibility based on your results only. Please add a brief discussion of other literature or existing study considering your research in the conclusion section. It could increase the attractiveness of your dissertation. (Prof. Kenta Tanaka)

2. 審査の経過と結果

- (1) 令和8年1月14日 5名の審査委員のもと協議され、博士後期課程委員会で学位論文の受理を決定した。
- (2) 令和8年2月17日 公開論文審査発表会及び最終試験を実施した。
- (3) 令和8年3月2日 博士後期課程委員会で学位授与を可とし、教育研究審議会で承認された。