us OLS – Which is the best to tility functions?

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es von Neumann and Morgenstern utility functions comparing the num entropy (GME) with OLS, using data obtained by utility s. Thus, it provides a comparison of the performance of the two il data small sample setup. The results confirm the ones obtained through Monte Carlo simulations. Overall the results suggest that sting alternative to OLS in the estimation of utility functions when by utility elicitation methods.

:alized maximum entropy; Maximum entropy principle; von orgenstern utility; Utility elicitation

m: C13; C14; C49; D81

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we explore the potentialities of the generalized maximum tion of von Neumann and Morgenstern utility functions using ormation about the agent's preferences and his risk tolerance. of this study is to compare the results of generalized maximum tion with traditional estimation methods in order to investigate lyantages of the generalized maximum entropy approach.

core assumptions of decision theory is that a decision maker tviour can be rationalized in terms of the underlying preference implication of this assumption is that the preference ordering ed from the decision maker observed behaviour. Although avour revealed preference data in the estimation of utility re are many circumstances where such data is not available, er to estimate the decision maker utility function, one often utility elicitation methods based on surveys or experiments. It use of utility elicitation methods presents several difficulties not implications for the decision analyst. First, different methods