**Attachment H**

***Pretest Report***

## Summary

Pre-tests were conducted with 9 individuals over the period 12-15 April 2016. The goals of conducting these pre-tests were to test the experimental procedures, instructions, and interface; and to observe a distribution of payments and completion times. Specifically, the pre-tests were intended to:

1. Discover any bugs that might occur in the experimental software. **Result: Minor software bugs identified and corrected with layout of menus in the Cumulative Prospect Theory (CPT) elicitation task.**
2. Collect subject feedback on aspects of instructions that were unclear during the pretest. **Result: Feedback received and instructions updated accordingly.**
3. Test the total running time of the experiment, including completing informed consent, reading instructions, completing all experimental rounds, completing demographic questionnaire, and paying subjects. **Result: Session lengths ranged from 47-74 minutes, with median run time of 62 minutes.**
4. Test the distribution of subject payments. **Result: Payments ranged from $10 - $29.80, with median payment $23.33.**

## Pre-Test Procedures

Three pre-tests were conducted at the Department of Environmental and Natural Resource Economics’ Policy Simulation Laboratory (SimLab) at the University of Rhode Island. Pre-tests were conducted over the period 12-15 April 2016 and involved 2-5 individuals per session. Participants were undergraduate and graduate students from the University of Rhode Island. Over all three sessions, 9 individuals participated in the pre-tests.

Pre-test procedures included completing informed consent, reading instructions, completing all experimental rounds, completing demographic questionnaire, and paying subjects. All pre-test subjects completed the full set of pre-test procedures. Additionally, subjects were invited to provide feedback on the experimental procedures and instructions after the pre-test was completed.

## Detailed Results of Pre-Testing

The table below displays the session length and payment received for all 9 pre-test participants:

|  |  |  |  |
| --- | --- | --- | --- |
| **Subject ID** | **Session Length (minutes)** | **Total Payout Earned** | **Equivalent Hourly Payment Rate** |
| 1 | 62 | $18.00 | $17.42 |
| 2 | 73 | $29.80 | $24.49 |
| 3 | 55 | $10.00 | $10.91 |
| 4 | 74 | $26.23 | $21.27 |
| 5 | 63 | $13.00 | $12.38 |
| 6 | 58 | $24.28 | $25.12 |
| 7 | 47 | $14.00 | $17.87 |
| 8 | 59 | $23.33 | $23.72 |
| 9 | 65 | $27.11 | $25.02 |
| **Mean** | **61.78** | **$20.64** | **$19.80** |
| **Median** | **62** | **$23.33** | **$21.27** |

## Feedback Received

All subjects were requested to provide feedback about the experimental procedures and instructions once the pre-test was completed.

Multiple subjects reported that menus were not consistently aligned across rounds in the CPT elicitation task. In a few rows in some of the menus, the boxes were split over two rows instead of being aligned in a single row. This bug has since been identified and corrected.

Three subjects requested opportunities to practice using the interface before starting each new task. We have since added a place to do this on the instruction page for each task.

Two subjects requested additional description in the instructions about how to interpret Option A and Option B in the CPT elicitation task. We have since provided additional text in the instructions for this task to illustrate how payments and probabilities are linked in the visual display.