

Budget justification

Funds from the NSF DDIG will be dedicated to paying participants. Each participant ($N = 3250$ for each study) will earn \$2.50 as a guaranteed payment. There are two budget costs that will vary based on participants' performance. The first variable cost is the bonus payment for the tasks themselves. We are basing the average expected task performance on participants' performance (i.e., questions completed per minute) in each respective task from our preliminary studies. Additionally, participants' bonus earnings from the follow-up question about confidence will depend on their accuracy, so we use participants' average accuracy on this measure from previous studies to determine the cost here. Finally, Amazon Mechanical Turk charges a fee for using its services (20% of each worker's total compensation) and Turkprime charges \$.02 + 5% of the workers' compensation for each participant. We expect that the cost of participant payment across both studies will be, at maximum, \$31,783.81. Dr. Apicella offers to cover the remaining costs of running the experiments that are not funded by the NSF.

Table 1. Budget calculation

Study	Guaranteed payment	Bonus payment	MTurk fees	Turkprime fees	Total cost
Study 1	8,125	4,502.67	2,525.53	614.29	15,767.49
Study 2	8,125	4,705.80	2,566.16	619.36	16,016.32
Total	16,250	9,208.46	5,091.69	1,233.65	31,783.81