Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

Summary of the Iowa Gambling Test™

Participants are given a loan and then instructed to get as much money as possible by drawing cards one at a time from four separate decks. All cards reward the participant with money, while some also penalize the participant by taking money away. Two of the decks are "disadvantageous" resulting in an equivalent net loss in the long run, while the other two decks are "advantageous" resulting in an equivalent net gain over time.

Scoring

Normative scores are automatically generated by a software program. Two normative standards - demographically corrected (N = 932) and U.S. Census-matched (N = 264) - are available. Several normative scores are generated by the software, including Total Net Score, net scores for each block of 20 cards/trials, total number of cards selected from each deck, and total money won. In addition, raw scores and T-score profiles, which may reveal relevant information (e.g., learning curve, random selection), are generated. Lastly, a trial-by-trial table that displays deck choice, amount won, amount lost, total money, and time for each trial is generated for each administration. In addition, the pattern of deck choice can be analyzed further to determine whether sensitivity to reward versus aversion to punishment was the primary determinant of decision making, with subscores for each (see references of Yechiam et al., 2005 and Busemeyer & Stout, 2002).

The Iowa Gambling Test™ is a trademark of PAR, Inc.

Protocol source: https://www.phenxtoolkit.org/protocols/view/530202