

SET delays to the larger later outcome
SET base dollar amount of the larger later outcome
SET different outcome types being assessed
SET the number of trials per indifference point

FOR EACH outcome being type assessed

PARTICIPANT INPUT the outcome units
PARTICIPANT INPUT the dollar amount of a single unit

SET outcome-specific larger later outcome = (base dollar amount of the larger later outcome / dollar amount of a single unit)

SET current delay being assessed = 1

WHILE current delay being assessed <= number of delays to the larger later outcome

FOR EACH number of trials per indifference point

IF this is the first trial for the current delay being assessed
THEN

SET larger later amount = outcome-specific larger later outcome
SET immediate amount = (outcome-specific larger later outcome / 2)

SET post-choice adjustment = 0.25

END IF

DISPLAY immediate amount with description text
DISPLAY delayed amount with description text

PARTICIPANT INPUT participants' preference for immediate or delayed choice

IF participant chose immediate alternative THEN

SET immediate amount = [(immediate amount) – (larger amount * post-choice adjustment)]

ELSE IF participant chose delayed alternative THEN

SET immediate amount = [(immediate amount) +
(larger amount * post-choice adjustment)]

END IF

SET post-choice adjustment = (post-choice adjustment * 0.5)

END FOR

SET current delay being assessed = current delay being assessed
+ 1

SET indifference point for current delay = immediate amount

END WHILE

END FOR