**Temporal Discounting Subtest**

The two parts are run consecutively.

**Part 1:**

**Temporal Discounting Staircase Increasing:**

Imagine that you are offered a choice between receiving a specific amount of money now or $100 in 3 months. Indicate your preference for each of the following:

1) $1 now or $100 in 3 months

2) $2.50 now or $100 in 3 months

3) $5 now or $100 in 3 months

4) $7.50 now or $100 in 3 months

5) $10 now or $100 in 3 months

6) $15 now or $100 in 3 months

7) $20 now or $100 in 3 months

8) $25 now or $100 in 3 months

9) $30 now or $100 in 3 months

10) $35 now or $100 in 3 months

11) $40 now or $100 in 3 months

12) $45 now or $100 in 3 months

13) $50 now or $100 in 3 months

14) $60 now or $100 in 3 months

15) $65 now or $100 in 3 months

16) $70 now or $100 in 3 months

17) $75 now or $100 in 3 months

18) $80 now or $100 in 3 months

19) $85 now or $100 in 3 months

20) $90 now or $100 in 3 months

21) $92.50 now or $100 in 3 months

22) $95 now or $100 in 3 months

23) $97.50 now or $100 in 3 months

24) $99 now or $100 in 3 months

25) $99.50 now or $100 in 3 months

**Temporal Discounting Staircase Decreasing:**

Imagine that you are offered a choice between receiving a specific amount of money now or $2,000 in 1 year. Indicate your preference for each of the following:

1) $1,990 now or $2,000 in 1 year

2) $1,980 now or $2,000 in 1 year

3) $1,950 now or $2,000 in 1 year

4) $1,900 now or $2,000 in 1 year

5) $1,850 now or $2,000 in 1 year

6) $1,800 now or $2,000 in 1 year

7) $1,700 now or $2,000 in 1 year

8) $1,600 now or $2,000 in 1 year

9) $1,500 now or $2,000 in 1 year

10) $1,400 now or $2,000 in 1 year

11) $1,300 now or $2,000 in 1 year

12) $1,200 now or $2,000 in 1 year

13) $1,000 now or $2,000 in 1 year

14) $900 now or $2,000 in 1 year

15) $800 now or $2,000 in 1 year

16) $700 now or $2,000 in 1 year

17) $600 now or $2,000 in 1 year

18) $500 now or $2,000 in 1 year

19) $400 now or $2,000 in 1 year

20) $300 now or $2,000 in 1 year

21) $200 now or $2,000 in 1 year

22) $150 now or $2,000 in 1 year

23) $100 now or $2,000 in 1 year

24) $50 now or $2,000 in 1 year

25) $20 now or $2,000 in 1 year

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**Part 2:**

**Temporal Discounting Mixed Questionnaire:**

Directions: For the next set of items, imagine that you are offered a choice between

receiving a specific amount of money sooner or a larger amount later. Your choice

would probably depend on how much greater the later amount is, and how long you

would have to wait to get the larger amount. For example, you probably would prefer

receiving $500 right now rather than receiving $501 in 12 months. You also would

prefer receiving $500 in 1 week rather than receiving $25 right now.

1) If you had a choice, would you prefer $340 now or $400 in 4 months?

a. Very strongly prefer $340 now

b. Strongly prefer $340 now

c. Prefer $340 now

d. Prefer $400 in 4 months

e. Strongly prefer $400 in 4 months

f. Very strongly prefer $400 in 4 months

2) If you had a choice, would you prefer $235 in 12 months or $270 in 16 months?

a. Very strongly prefer $235 in 12 months

b. Strongly prefer $235 in 12 months

c. Prefer $235 in 12 months

d. Prefer $270 in 16 months

e. Strongly prefer $270 in 16 months

f. Very strongly prefer $270 in 16 months

3) If you had a choice, would you prefer $360 now or $361 in 2 months?  **FILLER**

a. Very strongly prefer $360 now

b. Strongly prefer $360 now

c. Prefer $360 now

d. Prefer $361 in 2 months

e. Strongly prefer $361 in 2 months

f. Very strongly prefer $361 in 2 months

4) If you had a choice, would you prefer $110 now or $120 in 4 weeks?

a. Very strongly prefer $110 now

b. Strongly prefer $110 now

c. Prefer $110 now

d. Prefer $120 in 4 weeks

e. Strongly prefer $120 in 4 weeks

f. Very strongly prefer $120 in 4 weeks

5) If you had a choice, would you prefer $95 in 10 weeks or $105 in 12 weeks?

a. Very strongly prefer $95 in 10 weeks

b. Strongly prefer $95 in 10 weeks

c. Prefer $95 in 10 weeks

d. Prefer $105 in 12 weeks

e. Strongly prefer $105 in 12 weeks

f. Very strongly prefer $105 in 12 weeks

6) If you had a choice, would you prefer $70 in 12 months or $110 in 18 months?

a. Very strongly prefer $70 in 12 months

b. Strongly prefer $70 in 12 months

c. Prefer $70 in 12 months

d. Prefer $110 in 18 months

e. Strongly prefer $110 in 18 months

f. Very strongly prefer $110 in 18 months

7) If you had a choice, would you prefer $65 now or $70 in 3 weeks?

a. Very strongly prefer $65 now

b. Strongly prefer $65 now

c. Prefer $65 now

d. Prefer $70 in 3 weeks

e. Strongly prefer $70 in 3 weeks

f. Very strongly prefer $70 in 3 weeks

8) If you had a choice, would you prefer $550 now or $551 in 4 weeks? **FILLER**

a. Very strongly prefer $550 now

b. Strongly prefer $550 now

c. Prefer $550 now

d. Prefer $551 in 4 weeks

e. Strongly prefer $551 in 4 weeks

f. Very strongly prefer $551 in 4 weeks

9) If you had a choice, would you prefer $45 in 10 weeks or $50 in 14 weeks?

a. Very strongly prefer $45 in 10 weeks

b. Strongly prefer $45 in 10 weeks

c. Prefer $45 in 10 weeks

d. Prefer $50 in 14 weeks

e. Strongly prefer $50 in 14 weeks

f. Very strongly prefer $50 in 14 weeks

10) If you had a choice, would you prefer $60 now or $90 in 3 months?

a. Very strongly prefer $60 now

b. Strongly prefer $60 now

c. Prefer $60 now

d. Prefer $90 in 3 months

e. Strongly prefer $90 in 3 months

f. Very strongly prefer $90 in 3 months

11) If you had a choice, would you prefer $300 now or $315 in 1 week?

a. Very strongly prefer $300 now

b. Strongly prefer $300 now

c. Prefer $300 now

d. Prefer $315 in 1 week

e. Strongly prefer $315 in 1 week

f. Very strongly prefer $315 in 1 week

12) If you had a choice, would you prefer $75 in 10 weeks or $80 in 11 weeks?

a. Very strongly prefer $75 in 10 weeks

b. Strongly prefer $75 in 10 weeks

c. Prefer $75 in 10 weeks

d. Prefer $80 in 11 weeks

e. Strongly prefer $80 in 11 weeks

f. Very strongly prefer $80 in 11 weeks

13) If you had a choice, would you prefer $150 now or $160 in 4 weeks?

a. Very strongly prefer $150 now

b. Strongly prefer $150 now

c. Prefer $150 now

d. Prefer $160 in 4 weeks

e. Strongly prefer $160 in 4 weeks

f. Very strongly prefer $160 in 4 weeks

14) If you had a choice, would you prefer $210 in 20 weeks or $220 in 23 weeks?

a. Very strongly prefer $210 in 20 weeks

b. Strongly prefer $210 in 20 weeks

c. Prefer $210 in 20 weeks

d. Prefer $220 in 23 weeks

e. Strongly prefer $220 in 23 weeks

f. Very strongly prefer $220 in 23 weeks

15) If you had a choice, would you prefer $180 now or $200 in 2 weeks?

a. Very strongly prefer $180 now

b. Strongly prefer $180 now

c. Prefer $180 now

d. Prefer $200 in 2 weeks

e. Strongly prefer $200 in 2 weeks

f. Very strongly prefer $200 in 2 weeks

16) If you had a choice, would you prefer $950 now or $955 in 4 months? **FILLER**

a. Very strongly prefer $950 now

b. Strongly prefer $950 now

c. Prefer $950 now

d. Prefer $955 in 4 months

e. Strongly prefer $955 in 4 months

f. Very strongly prefer $955 in 4 months

17) If you had a choice, would you prefer $300 in 20 weeks or $315 in 21 weeks?

a. Very strongly prefer $300 in 20 weeks

b. Strongly prefer $300 in 20 weeks

c. Prefer $300 in 20 weeks

d. Prefer $315 in 21 weeks

e. Strongly prefer $315 in 21 weeks

f. Very strongly prefer $315 in 21 weeks

18) If you had a choice, would you prefer $95 now or $105 in 2 weeks?

a. Very strongly prefer $95 now

b. Strongly prefer $95 now

c. Prefer $95 now

d. Prefer $105 in 2 weeks

e. Strongly prefer $105 in 2 weeks

f. Very strongly prefer $105 in 2 weeks

19) If you had a choice, would you prefer $110 in 8 weeks or $120 in 12 weeks?

a. Very strongly prefer $110 in 8 weeks

b. Strongly prefer $110 in 8 weeks

c. Prefer $110 in 8 weeks

d. Prefer $120 in 12 weeks

e. Strongly prefer $120 in 12 weeks

f. Very strongly prefer $120 in 12 weeks

20) If you had a choice, would you prefer $750 now or $755 in 6 months? **FILLER**

a. Very strongly prefer $750 now

b. Strongly prefer $750 now

c. Prefer $750 now

d. Prefer $755 in 6 months

e. Strongly prefer $755 in 6 months

f. Very strongly prefer $755 in 6 months

21) If you had a choice, would you prefer $75 now or $80 in 1 week?

a. Very strongly prefer $75 now

b. Strongly prefer $75 now

c. Prefer $75 now

d. Prefer $80 in 1 week

e. Strongly prefer $80 in 1 week

f. Very strongly prefer $80 in 1 week

22) If you had a choice, would you prefer $60 in 10 months or $90 in 13 months?

a. Very strongly prefer $60 in 10 months

b. Strongly prefer $60 in 10 months

c. Prefer $60 in 10 months

d. Prefer $90 in 13 months

e. Strongly prefer $90 in 13 months

f. Very strongly prefer $90 in 13 months

23) If you had a choice, would you prefer $70 now or $110 in 6 months?

a. Very strongly prefer $70 now

b. Strongly prefer $70 now

c. Prefer $70 now

d. Prefer $110 in 6 months

e. Strongly prefer $110 in 6 months

f. Very strongly prefer $110 in 6 months

24) If you had a choice, would you prefer $65 in 20 weeks or $70 in 23 weeks?

a. Very strongly prefer $65 in 20 weeks

b. Strongly prefer $65 in 20 weeks

c. Prefer $65 in 20 weeks

d. Prefer $70 in 23 weeks

e. Strongly prefer $70 in 23 weeks

f. Very strongly prefer $70 in 23 weeks

25) If you had a choice, would you prefer $235 now or $270 in 4 months?

a. Very strongly prefer $235 now

b. Strongly prefer $235 now

c. Prefer $235 now

d. Prefer $270 in 4 months

e. Strongly prefer $270 in 4 months

f. Very strongly prefer $270 in 4 months

26) If you had a choice, would you prefer $150 in 20 weeks or $160 in 24 weeks?

a. Very strongly prefer $150 in 20 weeks

b. Strongly prefer $150 in 20 weeks

c. Prefer $150 in 20 weeks

d. Prefer $160 in 24 weeks

e. Strongly prefer $160 in 24 weeks

f. Very strongly prefer $160 in 24 weeks

27) If you had a choice, would you prefer $390 now or $391 in 4 weeks? **FILLER**

a. Very strongly prefer $390 now

b. Strongly prefer $390 now

c. Prefer $390 now

d. Prefer $391 in 4 weeks

e. Strongly prefer $391 in 4 weeks

f. Very strongly prefer $391 in 4 weeks

28) If you had a choice, would you prefer $340 in 10 months or $400 in 14 months?

a. Very strongly prefer $340 in 10 months

b. Strongly prefer $340 in 10 months

c. Prefer $340 in 10 months

d. Prefer $400 in 14 months

e. Strongly prefer $400 in 14 months

f. Very strongly prefer $400 in 14 months

29) If you had a choice, would you prefer $45 now or $50 in 4 weeks?

a. Very strongly prefer $45 now

b. Strongly prefer $45 now

c. Prefer $45 now

d. Prefer $50 in 4 weeks

e. Strongly prefer $50 in 4 weeks

f. Very strongly prefer $50 in 4 weeks

30) If you had a choice, would you prefer $180 in 10 weeks or $200 in 12 weeks?

a. Very strongly prefer $180 in 10 weeks

b. Strongly prefer $180 in 10 weeks

c. Prefer $180 in 10 weeks

d. Prefer $200 in 12 weeks

e. Strongly prefer $200 in 12 weeks

f. Very strongly prefer $200 in 12 weeks

31) If you had a choice, would you prefer $210 now or $220 in 3 weeks?

a. Very strongly prefer $210 now

b. Strongly prefer $210 now

c. Prefer $210 now

d. Prefer $220 in 3 weeks

e. Strongly prefer $220 in 3 weeks

f. Very strongly prefer $220 in 3 weeks

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**CART Scoring:**

Part 1, $100 staircase increasing:

Only the *first* 20 items are scored, 1 each for choosing the delayed reward.

Summed raw scores of 20 scored as 2 CART points

Summed raw scores of 16-19 scored as 1 CART point

Summed raw scores of 15 or less scored as 0 CART points

Part 1, $2000 staircase decreasing:

Only the *last* 18 items are scored, 1 each for choosing the delayed reward.

Summed raw scores of 18 scored as 2 CART points

Summed raw scores of 13-17 scored as 1 CART point

Summed raw scores of 12 or less scored as 0 CART points

Part 2, mixed temporal discounting questionnaire:

Only the 26 non-filler items are scored.

Scale is scored: f = 6, e = 5, d = 4, c = 3, b = 2, a = 1.

Summed raw scores of 97 and above scored as 3 points

Summed raw scores > 86 and < 97 are scored as 2 points

Summed raw scores > 72 and ≤ 86 are scored as 1 point

Summed raw scores ≤ 72 are scored as 0 points

CART score = total number of points on the two sections of Part 1 and on Part 2