### Awareness of Age-Related Change 50-Item Questionnaire (AARC-50)

#### **Measurement Guide**

Scoring Details, Syntax, and Formatted Questionnaire

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# **AARC-50 Scoring Details:**

Abbreviatio	n Subscale Name	Item Numbers					
GAIN	AARC-Gains	1, 5, 6, 8, 10, 12, 14 15, 18, 19, 21, 23, 25, 29, 31, 33, 35, 37, 39, 40, 41, 43, 44, 49, 50					
LOSS	AARC-Losses	2, 3, 4, 7, 9, 11, 13, 16, 17, 20, 22, 24, 26, 27, 28,30, 32, 34, 36, 38, 42, 45, 46, 47, 48					
-	AL DOMAIN SUBSCALES – POSITIVE ms below to obtain corresponding subscale scores	• · · · ·					
PP	Health & Physical Functioning – Positive	5, 25, 29, 35, 43					
CP	Cognitive Functioning – Positive	12, 21, 33, 44, 49					
IP	Interpersonal Relations – Positive	1, 6, 19, 39, 50					
SP	Social-Cognitive, Social-Emotional Functioning – Positive	10, 14, 18, 23, 41					
LP	Lifestyle and Engagement – Positive	8, 15, 31, 37, 40					
-	AL DOMAIN SUBSCALES – NEGATIVE ms below to obtain corresponding subscale scores	7 20 22 27 20					
	Health & Physical Functioning – Negative	7, 20, 22, 27, 36					
	Cognitive Functioning – Negative	3, 9, 17, 26, 38					
SN	Interpersonal Relations – Negative Social-Cognitive, Social-Emotional Functioning – Negative	11, 30, 34, 42, 45 4, 13, 16, 24, 47					
LN	Lifestyle and Engagement – Negative	2, 28, 32, 46, 48					
SCORING DETAILS:							
	Possible Range for Each Domain: 5 (min) – 25 (max)						

## **AARC-50 Scoring Syntax for SPSS:**

#### **SPSS Syntax for Scoring**

/\* Notes for scoring. \* Calculate sum scores ONLY if all scale items are answered.

/Calculate Overarching Gain-Loss Scales

COMPUTE GAIN=SUM.25(aarc5, aarc25,aarc29,aarc35,aarc43,aarc12, aarc21,aarc33,aarc44,aarc49,aarc1,aarc6,aarc19,aarc39,aarc50,aarc10, aarc14,aarc18,aarc23,aarc41,aarc8,aarc15,aarc31,aarc37,aarc40). EXECUTE.

COMPUTE LOSS=SUM.25(aarc7, aarc20,aarc22,aarc27,aarc36,aarc3, aarc9,aarc17,aarc26,aarc38,aarc11,aarc30,aarc34,aarc42,aarc45,aarc4, aarc13,aarc16,aarc24,aarc47,aarc2,aarc28,aarc32,aarc46,aarc48). EXECUTE.

/Calculate Behavioral Domain Subscales /Note that Scales are Grouped by Behavioral Domain with Positive First and Negative Second

COMPUTE PP= SUM.5(aarc5, aarc25,aarc29,aarc35,aarc43). EXECUTE.

COMPUTE PN= SUM.5(aarc7, aarc20,aarc22,aarc27,aarc36). EXECUTE.

COMPUTE CP= SUM.5(aarc12, aarc21,aarc33,aarc44,aarc49). EXECUTE.

COMPUTE CN= SUM.5(aarc3, aarc9,aarc17,aarc26,aarc38). EXECUTE.

COMPUTE IP= SUM.5(aarc1, aarc6,aarc19,aarc39,aarc50). EXECUTE.

COMPUTE IN= SUM.5(aarc11, aarc30,aarc34,aarc42,aarc45). EXECUTE.

COMPUTE SP= SUM.5(aarc10, aarc14,aarc18,aarc23,aarc41). EXECUTE.

COMPUTE SN= SUM.5(aarc4, aarc13,aarc16,aarc24,aarc47). EXECUTE.

COMPUTE LP= SUM.5(aarc8, aarc15,aarc31,aarc37,aarc40). EXECUTE.

COMPUTE LN= SUM.5(aarc2, aarc28,aarc32,aarc46,aarc48). EXECUTE.

## AARC-50

**INSTRUCTIONS:** This questionnaire contains statements on how a person may feel about getting older. We are interested in how <u>YOU</u> feel about getting older and what you can tell us about <u>your own experiences</u>. We are mostly interested in whether certain experiences apply to you and to what extent you can relate to them given that you may have experienced them yourself as the years have passed.

Please read <u>each statement</u> carefully and answer in the following way:

Not at all	A little bit	Moderately	Quite a bit	Very much
1	2	3	4	5
0	0	0	0	0

- If a statement very much reflects <u>your own experience</u>, then you would fill in the circle under the number "5", which stands for "*Very much*."
- If a statement does not reflect <u>your own experience</u> at all, then you indicate that by filling in the circle under the number "1", which stands for "*Not at all.*"
- If a statement reflects <u>your own experiences</u> more than "a little bit" but less than "quite a bit," then you should fill in the circle under the number "3", which stands for "*Moderately*."

There are no "right" or "wrong" answers to the statements on this questionnaire. We are simply interested in <u>your own personal experiences</u> and your honest opinion.

Please read each statement carefully and then answer as spontaneously as possible.

Please turn the page and begin.

	With <u>my</u> increasing age,	Not at all	A little bit	Moderately	Quite a bit	Very much
	I realize that	1	2	3	4	5
1	others are treating me more respectfully.	0	Ο	Ο	Ο	Ο
2	I need more time for everything I do.	0	0	0	0	0
3	my mental capacity is declining.	0	ο	Ο	Ο	Ο
4	I am more anxious about the future.	Ο	Ο	Ο	Ο	Ο
5	I pay more attention to my health.	Ο	Ο	Ο	Ο	Ο
6	I appreciate relationships and people much more.	Ο	Ο	Ο	0	0
7	my ability to move around has gotten worse.	ο	0	0	0	0
8	I have more say in setting my daily routine.	Ο	0	0	0	0
9	I am slower in my thinking.	Ο	Ο	Ο	Ο	Ο
10	I recognize my own needs better.	Ο	Ο	Ο	Ο	0
11	people sometimes treat me as if I was not there.	Ο	0	0	0	0

	With <u>my</u> increasing age,	Not at all	A little bit	Moderately	Quite a bit	Very much
	I realize that	1	2	3	4	5
12	I have more experience and knowledge to evaluate things and people.	0	0	0	0	0
13	I think more about death and dying.	ο	Ο	Ο	Ο	0
14	I have a better sense of what is important to me.	Ο	Ο	Ο	0	0
15	I enjoy life more consciously.	Ο	Ο	Ο	0	0
16	I feel increasingly isolated from the world around me.	0	0	0	0	0
17	I have a harder time concentrating.	Ο	0	0	0	0
18	I am more grateful for the things I have.	Ο	0	0	0	0
19	my friendships and relationships have become stronger.	Ο	Ο	Ο	0	0
20	I have less energy.	Ο	Ο	Ο	Ο	0
21	I have more foresight.	ο	Ο	Ο	Ο	Ο
22	my body needs rest more often.	0	0	0	Ο	0

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	With <u>my</u> increasing age,	Not at all	A little bit	Moderately	Quite a bit	Very much
	I realize that	1	2	3	4	5
23	I try to be more myself.	0	Ο	Ο	0	0
24	I am sad more often.	Ο	Ο	Ο	Ο	0
25	I pay more attention to eating healthy food.	Ο	0	0	0	0
26	learning new things takes more time and effort.	Ο	Ο	Ο	0	0
27	my physical ability is not what it used to be.	Ο	Ο	Ο	0	0
28	I don't do as many things anymore.	Ο	Ο	Ο	0	0
29	I take more time to focus on my physical shape.	ο	Ο	Ο	0	0
30	other people do things for me because they assume that I can't do them anymore.	0	0	0	Ο	0
31	I have more time for the things I enjoy.	Ο	Ο	Ο	0	0
32	I feel less financially secure.	0	Ο	Ο	Ο	0

	With <u>my</u> increasing age,	Not at all	A little bit	Moderately	Quite a bit	Very much
	I realize that	1	2	3	4	5
33	I gather more information before I make decisions.	0	Ο	Ο	0	0
34	other people are more reserved toward me.	0	0	Ο	0	0
35	I pay more attention to regular physical exercise.	0	0	Ο	0	0
36	I have more aches and pains in my body.	Ο	Ο	0	0	0
37	I enjoy many things more intensively.	Ο	Ο	0	0	0
38	I am more forgetful.	0	ο	Ο	Ο	0
39	I am more open toward other people.	0	Ο	Ο	0	0
40	I have more freedom to live my days the way I want.	0	Ο	Ο	0	0
41	I have grown in terms of my self- confidence.	Ο	0	Ο	0	0
42	I feel more dependent on the help of others.	0	0	Ο	0	Ο

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	With <u>my</u> increasing age,	Not at all	A little bit	Moderately	Quite a bit	Very much
	I realize that	1	2	3	4	5
43	I pay more attention to getting enough sleep.	0	0	0	0	0
44	I have become wiser.	Ο	Ο	Ο	Ο	0
45	others are treating me with less patience.	0	0	Ο	0	0
46	I have to limit my activities.	Ο	Ο	Ο	0	0
47	I find it harder to motivate myself.	Ο	Ο	Ο	Ο	0
48	I am concerned what will happen once I can no longer do certain things.	0	Ο	Ο	0	0
49	I think things through more carefully.	Ο	Ο	Ο	0	0
50	my family has become more important to me.	0	Ο	Ο	0	0