

## APHAB: Items & Subscales

### Form A

#### **Ease of Communication (EC scale)**

4. I have difficulty hearing a conversation when I'm with one of my family at home.
10. When I am in a small office, interviewing or answering questions, I have difficulty following the conversation.
12. When I am having a quiet conversation with a friend, I have difficulty understanding.
14. When a speaker is addressing a small group, and everyone is listening quietly, I have to strain to understand.
15. When I'm in a quiet conversation with my doctor in an examination room, it is hard to follow the conversation.
23. I have to ask people to repeat themselves in one-on-one conversation in a quiet room.

#### **Background Noise (BN scale)**

1. **(reversed)** When I am in a crowded grocery store, talking with the cashier, I can follow the conversation.
6. When I am listening to the news on the car radio, and family members are talking, I have trouble hearing the news.
7. When I am at the dinner table with several people, and am trying to have a conversation with one person, understanding speech is difficult.
16. **(reversed)** I can understand conversations even when several people are talking.
19. **(reversed)** I can communicate with others when we are in a crowd.
24. I have trouble understanding others when an air conditioner or fan is on.

#### **Reverberation (RV scale)**

2. I miss a lot of information when I'm listening to a lecture.
5. I have trouble understanding dialogue in a movie or at the theater.
9. **(reversed)** When I am talking with someone across a large empty room, I understand the words.
11. **(reversed)** When I am in a theater watching a movie or play, and the people around me are whispering and rustling paper wrappers, I can still make out the dialogue.
18. It's hard for me to understand what is being said at lectures or church services.
21. **(reversed)** I can follow the words of a sermon when listening to a religious service.

#### **Aversiveness (AV scale)**

3. Unexpected sounds, like a smoke detector or alarm bell are uncomfortable.
8. Traffic noises are too loud.
13. The sounds of running water, such as a toilet or shower, are uncomfortably loud.
17. The sounds of construction work are uncomfortably loud.
20. The sounds of a fire engine siren close by is so loud that I need to cover my ears.
22. The sound of screeching tires is uncomfortably loud.

## APHAB: Items & Subscales

### Form B

#### **Ease of Communication (EC scale)**

2. When a speaker is addressing a small group, and everyone is listening quietly, I have to strain to understand.
6. When I'm in a quiet conversation with my doctor in an examination room, it is hard to follow the conversation.
9. When I am having a quiet conversation with a friend, I have difficulty understanding.
15. When I am in a small office, interviewing or answering questions, I have difficulty following the conversation.
17. I have to ask people to repeat themselves in one-on-one conversation in a quiet room.
23. I have difficulty hearing a conversation when I'm with one of my family at home.

#### **Background Noise (BN scale)**

4. When I am at the dinner table with several people, and am trying to have a conversation with one person, understanding speech is difficult.
7. When I am listening to the news on the car radio, and family members are talking, I have trouble hearing the news.
10. **(reversed)** I can understand conversations even when several people are talking.
12. I have trouble understanding others when an air conditioner or fan is on.
20. **(reversed)** When I am in a crowded grocery store, talking with the cashier, I can follow the conversation.
21. **(reversed)** I can communicate with others when we are in a crowd.

#### **Reverberation (RV scale)**

3. It's hard for me to understand what is being said at lectures or church services.
5. **(reversed)** When I am in a theater watching a movie or play, and the people around me are whispering and rustling paper wrappers, I can still make out the dialogue.
13. I have trouble understanding dialogue in a movie or at the theater.
16. I miss a lot of information when I'm listening to a lecture.
19. **(reversed)** I can follow the words of a sermon when listening to a religious service.
24. **(reversed)** When I am talking with someone across a large empty room, I understand the words.

#### **Aversiveness (AV scale)**

1. The sounds of a fire engine siren close by is so loud that I need to cover my ears.
8. The sounds of running water, such as a toilet or shower, are uncomfortably loud.
11. The sounds of construction work are uncomfortably loud.
14. Traffic noises are too loud.
18. Unexpected sounds, like a smoke detector or alarm bell are uncomfortable.
22. The sound of screeching tires is uncomfortably loud.

## Instructions for Manual Scoring of the APHAB

- 1) Assign a value for each answer from the table below

<b>Response</b>	<b>Not a Reversed Item</b>	<b>Reversed Item</b>
<b>A</b> Always	99%	1%
<b>B</b> Almost always	87%	12%
<b>C</b> Generally	75%	25%
<b>D</b> Half-the-time	50%	50%
<b>E</b> Occasionally	25%	75%
<b>F</b> Seldom	12%	87%
<b>G</b> Never	1%	99%

- 2) Calculate the average unaided score and average aided score for each subscale.
- 3) The Global Score is the mean of the scores for all the items in the EC, RV and BN subscales.
- 4) Benefit is calculated by subtracting the aided average from the unaided average. Make sure that you have responses for both unaided and aided on each item used for benefit calculation.
- 5) Keep in mind that these scores show how frequently clients experience performance problems.