

## **DOSO item allocation**

The 3 forms and the corresponding items for each subscale are listed as the following.

### **DOSOs(a)**

#### ***Speech Cues***

- 05. Making other people's voices sound clear in a moving car?
- 06. Making children's voices understandable?
- 08. Catching the beginning of sentences?
- 09. Picking up overhead announcements in stores?
- 10. Catching your name being called in a waiting room?
- 15. Picking up what strangers say the first time?
- 18. Catching the words when someone speaks from another room?

#### ***Listening Effort***

- 01. Making loud speech clear?
- 17. Improving enjoyment of everyday activities?
- 21. Recognizing different voices?
- 22. Reducing misunderstandings during conversations?
- 23. Making conversation easier?

#### ***Pleasantness***

- 03. Providing a pleasing sound quality?
- 04. Making music pleasant?
- 07. Making your voice sound natural to you?
- 16. Keeping the sound of your voice comfortable to you?

**Quietness**

- 12. Keeping background noise to a minimum.
- 13. Cutting out background noise in a restaurant?
- 25. Keeping loud sounds from being uncomfortable?
- 20. Making loud music tolerable?
- 24. Keeping wind noise from being annoying?

**Convenience**

- 02. Not whistling during use?
- 11. Making the batteries easy to change?
- 14. Not using up batteries too fast?
- 19. Being easy to put in and take out of your ears?

**Use**

- 26. How many days a week do you usually wear hearing aids?
- 27. On the days you use hearing aids, how many hours do you usually wear them?
- 28. In situations where you need to improve your hearing, how often do you wear hearing aids?

## **DOSOs(b)**

### ***Speech Cues***

- 05. Eliminating the need to have someone else explain what was said?
- 06. Picking up speech when the talker's lips are not visible?
- 08. Catching what waiters say in a busy restaurant?
- 09. Catching what someone says on the first try?
- 10. Picking up soft sounds that follow loud ones?
- 15. Picking up what someone says across a large room?
- 18. Catching a person's name when they are introduced?

### ***Listening Effort***

- 01. Making speech clear in a face-to-face conversation?
- 17. Picking up sounds that are missed without them?
- 21. Making the television sound clear?
- 22. Keeping the volume at a pleasing level?
- 23. Distinguishing between male and female voices?

### ***Pleasantness***

- 03. Providing a pleasing sound quality?
- 04. Making music pleasant?
- 07. Making your voice sound natural to you?
- 16. Keeping the sound of your voice comfortable to you?

### ***Quietness***

- 12. Keeping background noise to a minimum.
- 13. Cutting out background noise in a restaurant?
- 20. Making loud music tolerable?
- 24. Keeping wind noise from being annoying?
- 25. Keeping loud sounds from being uncomfortable?

**Convenience**

- 02. Not whistling during use?
- 11. Making the batteries easy to change?
- 14. Not using up batteries too fast?
- 19. Being easy to put in and take out of your ears?

**Use**

- 26. How many days a week do you usually wear hearing aids?
- 27. On the days you use hearing aids, how many hours do you usually wear them?
- 28. In situations where you need to improve your hearing, how often do you wear hearing aids?

## **DOSO**

### ***Speech Cues***

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- 10. Picking up overhead announcements in stores?
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- 15. Catching what waiters say in a busy restaurant?
- 16. Catching what someone says on the first try?
- 18. Picking up soft sounds that follow loud ones?
- 21. Picking up what strangers say the first time?
- 24. Catching the words when someone speaks from another room?
- 25. Picking up what someone says across a large room?
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### ***Listening Effort***

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- 33. Making conversation easier?
- 35. Keeping the volume at a pleasing level?
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- 02. Providing a pleasing sound quality?
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***Quietness***

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- 17. Cutting out background noise in a restaurant?
- 28. Making loud music tolerable?
- 34. Keeping wind noise from being annoying?
- 37. Keeping loud sounds from being uncomfortable?

***Convenience***

- 01. Not whistling during use?
- 12. Making the batteries easy to change?
- 20. Not using up batteries too fast?
- 26. Being easy to put in and take out of your ears?

***Use***

- 38. How many days a week do you usually wear hearing aids?
- 39. On the days you use hearing aids, how many hours do you usually wear them?
- 40. In situations where you need to improve your hearing, how often do you wear hearing aids?

