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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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?
29. Catching a person’s name when they are introduced?

**Listening Effort**

03. Making loud speech clear?
19. Making speech clear in a face-to-face conversation?
23. Improving enjoyment of everyday activities?
27. Picking up sounds that are missed without them?
30. Recognizing different voices?
31. Reducing misunderstandings during conversations?
32. Making the television sound clear?
33. Making conversation easier?
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36. Distinguishing between male and female voices?
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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?