1 **Supplementary Table S1.** Thematic analysis of older adult VAS-related privacy concerns.

Theme	Example Statement(s)
Listening-in (n=4)	• "...all with these listening devices never do turn off. The old privacy issue becomes-- some people aren't going to want Alexa on." • "Generally, no (Alexa). But I'd be a little careful about being aware who else is around." • "...people monitor to see how Alexa is doing, and they can hear stuff that you're saying." • "Well, I'm never going to have her dog sit again... I wonder if Alexa has been up to some trouble...have taken over."
Tracking (n=2)	• "Well, somebody else could track what I'm doing." • "Have you run across anybody yet who thinks they're going to put a computer chip inside me so they can track me."
Unwanted sharing of information (n=5)	• "I had the privacy concerns about having my responses to Alexa recorded and spliced together to enable someone to access my Schwab banking account." • "I don't trust it. I go into the Alexa app and erase history, even though I'm not doing anything even remotely wrong. I just don't like the idea of that Amazon is using the information to send the ads or something like that." • "Well, I probably wouldn't ask her to check my bank balance or anything." • "There were headlines about the kinds of information that Alexa relayed back to the mothership, and somewhat information was done with it at that point. I think that's my concern." • "No, we put a little piece of tape over her camera, so she can't see stuff unless we want to."

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4 **Supplementary Table S2.** Semi-structured interview questions about Voice Assistant System Use.

	Questions
1	Tell me about your experience in using the Amazon Alexa device?
2	What kind of privacy concerns do you have?
3	How easy was it to use – why or why not?
4	What could be changed in terms of how you interact with the Alexa?

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