**Supplemental Material**

**Table 1**

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| *Subjective feedback from the usability survey (n=53).*  |
| Questions | 18-54 y/o | 55-78y/o  | p-value |
| N | 40 | 13 |  |
| **How often do you use your computer in your daily life?**EverydayMore than two days per week Less than once in a week RarelyNever  | 336100 | 121000 | 0.0659 |
| **How do you rate the following items (0 being the lowest and 100 being the highest)?**Tasks accessibility (M/SD)Task difficulty (M/SD)Instructions clarity (MD/SD) | 94.5/7.644.18/24.8789.43/20.57 | 88.3/19.259.42/34.6582.08/23.51 | 0.0980.0980.285 |
| **How comfortable are you using a computer, including emails and the Internet (0 being the lowest and 100 being the highest)?"** (M/SD) | 92.98/10.22 | 83.92/21.34 | **0.04** |
| **How did you feel during the tests?**Good Stressed, anxious Distracted Confused Proud Other | 2495020 | 920020 | 0.334 |
| **What did you think about the duration of the test battery?**Too short Appropriate LongToo long | 019183 | 01030 | 0.156 |
| **In your opinion, could the addition of verbal instructions have facilitated your understanding of task instructions?**YesNo | 732 | 310 | 0.685 |
| **Did you encounter any issues during the tests? (e.g., technical problems or difficulty understanding the task)**Yes No  | 355 | 76 | **0.009** |
| **How many times did you take a break during the tasks?**None Once or twice More than twice | 3280 | 1300 | 0.08 |
| **How many times were you interrupted during the tasks?**None Once or twice More than twice  | 23134 | 940 | 0.465 |
|  |  |  |



**Fig. 1.** Quadratic curve fit of the relationship between age and task scores.Higher score corresponds to higher cognitive performance.