

## Supplementary Material 1

Items from the HealthFan survey that were selected more or less frequently by the subpopulations in comparison with the overall population (results depicted in Figure 3).

Subgroup	Items selected more frequently*	Items selected less frequently*
Age 18 – 40 years	<ul style="list-style-type: none"> <li>Weight</li> <li>Work/job</li> <li>Ease of control</li> <li>Usability</li> <li>Anonymity</li> </ul>	<ul style="list-style-type: none"> <li>Wearing comfort</li> </ul>
Age 41 – 65 years	None	None
Age ≥ 66 years	<ul style="list-style-type: none"> <li>Need for prosthesis</li> </ul>	None
Women	<ul style="list-style-type: none"> <li>Independence</li> <li>Household</li> <li>Life-like appearance</li> <li>Overuse complaints</li> <li>Anonymity</li> </ul>	<ul style="list-style-type: none"> <li>Grabbing, picking up, and holding</li> <li>Functionality</li> </ul>
Men	<ul style="list-style-type: none"> <li>Ease of control</li> </ul>	None
Congenital ULA	<ul style="list-style-type: none"> <li>Weight</li> <li>Life-like appearance</li> <li>Household</li> <li>Work/job</li> <li>Anonymity</li> </ul>	None
Acquired ULA	None	None
ULA at or proximal from the elbow	<ul style="list-style-type: none"> <li>Donning/doffing</li> </ul>	<ul style="list-style-type: none"> <li>Grabbing, picking up, and holding</li> </ul>
ULA distal from the elbow	<ul style="list-style-type: none"> <li>Household</li> <li>Self-care</li> </ul>	None
Mono-grip myoelectric prosthesis used most	<ul style="list-style-type: none"> <li>Grabbing, picking up, and holding</li> <li>Reliability</li> <li>Independence</li> <li>Need for prosthesis</li> <li>Ease of control</li> <li>Work/job</li> </ul>	None
Multi-grip myoelectric prosthesis used most	<ul style="list-style-type: none"> <li>Household</li> <li>Grabbing, picking up, and holding</li> <li>Weight</li> <li>Reliability</li> <li>Independence</li> <li>Work/job</li> <li>Speed of movements</li> <li>Heat/sweating</li> <li>Dexterity</li> <li>Overuse complaints</li> </ul>	<ul style="list-style-type: none"> <li>Wearing comfort</li> </ul>
Cosmetic/passive prosthesis used most	<ul style="list-style-type: none"> <li>Wearing comfort</li> <li>Life-like appearance</li> <li>Prosthesis fit</li> <li>Anonymity</li> <li>Donning/doffing</li> <li>Appearance in combination with clothing</li> </ul>	<ul style="list-style-type: none"> <li>Independence</li> </ul>
Body-powered prosthesis used most	<ul style="list-style-type: none"> <li>Wearing comfort</li> <li>Grabbing, picking up, and holding</li> <li>Usability</li> <li>Need for prosthesis</li> <li>Feeling comfortable</li> </ul>	None
Non-prosthesis users	<ul style="list-style-type: none"> <li>Weight</li> <li>Functionality</li> <li>Ease of control</li> <li>Phantom limb pain</li> </ul>	None

Abbreviation: ULA = upper limb absence.

\* Only differences in frequency of at least 5% between sub- and overall population from items that were selected by >25% of the subpopulations were presented in this supplementary file.