

Theme	Code	Code description
Static device quality	Device Type Conventional / Smart Device type	The general sort of device was considered (e.g., "Washing machines last long")
	Device Quality Components	Lifetime estimate was explicitly based on the conventional counterpart of the smart device (e.g., "A normal vacuum cleaner lasts that long.").
	Manufacturer disclosure Brand	The device build quality would be taken into account.
	Similar / Other Device	Components of the device and their respective longevity were mentioned (e.g., "The battery will degrade quickly.").
	Security Safety	What is disclosed about the device via marketing, the packaging, manuals, or the website. The device's brand would be considered.
	Modern	A similar device was taken as an heuristic (e.g., solar panels as an heuristic for solar inverters, or smartphones for smart watches).
	Price	Security factors were considered (e.g., new encryption protocols or vulnerabilities).
	Country	The safety relevance of the device was highlighted, requiring it to be reliable (e.g., reliance on a smoke detector)
	Complexity	The device's purchase price was taken into account.
	Smart complexity	The device's country of manufacture was considered.
Dynamic device quality	Obsolescence Updates	A general perception of the devices build-up complexity (e.g., "It is a complex device, so there are more parts that can break.").
	Innovation: Better alternatives	It is highlighted explicitly that the added smartness (complexity) has an effect on the device's lifespan.
	(In-)compatibility Spare parts / Component availability	Planned obsolescence was mentioned as a consideration.
	Upkeep costs	Updates were explicitly mentioned as a factor.
	Usage Environment	Newer, more attractive products available on the market, so that fast innovation drives faster replacement.
	Maintenance / Installation Own experience Estimate	(In-)compatibility with other devices or services that are necessary to run the device. For how long important components or spare parts are available.
	Preference	Costs of running the device were considered, like electricity costs or printer ink.
	Warranty Regulations	The frequency and intensity the device is used by its owners was considered.
		Environmental factors affecting device lifespan, like dog hairs for a vacuum cleaner of outdoor conditions.
		Device maintenance and duty of care were considered, or how the device is installed.
Subjective factors		Respondents' own experiences with this device.
		Respondents emphasized that they estimated the device's lifespan, e.g., because they were not completely sure.
Support structure		Respondents explicitly mentioned that they considered their normative preference for the lifetime (e.g., "wishful thinking").
		The warranty period of the device type was mentioned.
		Local regulations were taken into account (e.g., Laws on regular smoke detector replacement).

Table 6: Final codebook of analysis of open text responses to the question: "What aspects did you take into account when estimating the number of years?"