

A.4 Open text response codes

Device	Factor	Count	Proportion
Washing Machine (Conventional)	Device type	47	19.03%
	Usage	43	17.41%
	Own experience	38	15.38%
	Components	22	8.91%
	Device quality	16	6.48%
Printer (Conventional)	Usage	63	25.82%
	Own experience	55	22.54%
	Device type	26	10.66%
	Components	23	9.43%
	Device quality	14	5.74%
Vacuum cleaner (Conventional)	Usage	53	24.65%
	Own experience	33	15.35%
	Device type	27	12.56%
	Components	20	9.30%
	Device quality	17	7.91%
Thermostat (Conventional)	Usage	58	24.79%
	Device type	41	17.52%
	Complexity	19	8.12%
	Own experience	17	7.26%
	Components	15	6.41%
Smoke detector (Conventional)	Usage	60	26.32%
	Complexity	38	16.67%
	Device type	23	10.09%
	Components	20	8.77%
	Safety	18	7.89%
Solar inverter (Conventional)	Device type	33	13.98%
	Price	32	13.56%
	Usage	29	12.29%
	Other / similar device	28	11.86%
	Estimate	17	7.20%
Smart washing machine (Smart)	Device type	70	26.32%
	Usage	33	12.41%
	Own experience	27	10.15%
	Smart complexity	22	8.27%
	Better alternative	14	5.26%
Connected printer (Smart)	Usage	56	21.71%
	Own experience	41	15.89%
	Device type	39	15.12%
	Updates	19	7.36%
	Components	18	6.98%

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Table 5: Factors taken into account by respondents when estimating devices' lifetimes. Factors were derived by coding open-text responses to the question: "What aspects did you take into account when estimating the number of years?". Only the five most prevalent factors per device are listed.

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Device	Factor	Count	Proportion
Robot vacuum (Smart)	Usage	68	25.66%
	Device type	30	11.32%
	Environment	22	8.30%
	Components	20	7.55%
	Own experience	19	7.17%
Smart thermostat (Smart)	Usage	48	19.59%
	Device type	33	13.47%
	Updates	29	11.84%
	Complexity	20	8.16%
	Estimate	15	6.12%
Smart smoke detector (Smart)	Usage	42	17.87%
	Device type	39	16.60%
	Complexity	19	8.09%
	Safety	19	8.09%
	Smart complexity	15	6.38%
WiFi Solar inverter (Smart)	Estimate	31	12.60%
	Device type	28	11.38%
	Usage	28	11.38%
	Price	22	8.94%
	Other / similar device	20	8.13%
Home router (Smart)	Own experience	49	19.92%
	Usage	40	16.26%
	Better alternative	38	15.45%
	(In-)compatibility	29	11.79%
	Device type	23	9.35%
Smart security camera (Smart)	Usage	37	14.12%
	Environment	32	12.21%
	Updates	27	10.31%
	Better alternative	25	9.54%
	Device quality	23	8.78%
Smart doorlock (Smart)	Usage	39	16.05%
	Device type	33	13.58%
	Estimate	18	7.41%
	Updates	18	7.41%
	Better alternative	15	6.17%
Smartwatch (Smart)	Usage	51	18.02%
	Better alternative	41	14.49%
	Updates	38	13.43%
	Components	29	10.25%
	Obsolescence	21	7.42%
Smart speaker (Smart)	Usage	38	15.51%
	Device type	34	13.88%
	Updates	32	13.06%
	Better alternative	27	11.02%
	Obsolescence	19	7.76%