Appendix A

Data Set on Shelf Life of Whole Fat, Stirred, Strawberry-Flavored Yogurt

Table A.1 below contains the judgements of 46 consumers who participated in a study on whole fat, stirred, strawberry-flavored yogurt, which was stored at 42ºC for different time periods (Hough et al. 2003). An entry of '+' denotes acceptance, whereas '−' stands for rejection of the yogurt sample. The intervals in the last column are determined following the guidelines presented in Section 2.3.1. Two further decisions have been taken:

- The data of four consumers (from a total of 50 consumers) are removed because they have rejected the fresh sample (storage time: 0 hours).

- Whenever the sample stored during 48 hours is accepted, the storage time is considered right-censored at 48 hours independently of the judgements at earlier storage times; see, for example, subjects 2 or 18.

Table A.1: Data set of study on fat, stirred, strawberry-flavored yogurt

| | Storage times (hours) | | | | | | | Type of | |
Consumer	0	4	8	12	24	36	48	censoring	Interval
1	+	+	−	+	−	−	−	Interval	$(4, 24]$
2	+	+	−	+	−	−	+	Right	$(48, \infty)$
3	+	−	+	+	−	−	−	Left	$(0, 24]$
4	+	+	+	+	+	+	−	Interval	$(36, 48]$
5	+	+	+	+	−	+	−	Interval	$(12, 48]$
6	+	+	+	+	+	+	+	Right	$(48, \infty)$
7	+	+	+	+	−	−	−	Interval	$(12, 24]$
8	+	+	+	+	−	+	−	Interval	$(12, 48]$
9	+	+	−	+	+	−	−	Interval	$(4, 36]$
10	+	+	+	+	+	−	−	Interval	$(24, 36]$
11	+	+	+	−	−	−	−	Interval	$(8, 12]$

Table A.1: Data set of study on fat, stirred, strawberry-flavored yogurt (continued)

| Consumer | Storage times (hours) | | | | | | | Type of censoring | Interval |
	0	4	8	12	24	36	48		
12	+	+	+	+	+	−	−	Interval	$(24, 36]$
13	+	+	+	−	−	−	−	Interval	$(8, 12]$
14	+	+	+	+	+	+	−	Interval	$(36, 48]$
15	+	+	−	−	−	−	−	Interval	$(4, 8]$
16	+	+	+	+	−	−	−	Interval	$(12, 24]$
17	+	+	−	+	−	+	−	Interval	$(4, 48]$
18	+	+	+	−	+	+	+	Right	$(48, \infty)$
19	+	+	+	+	−	−	−	Interval	$(12, 24]$
20	+	+	−	−	−	−	−	Interval	$(4, 8]$
21	+	+	+	+	+	+	−	Interval	$(36, 48]$
22	+	+	+	+	+	−	−	Interval	$(24, 36]$
23	+	−	−	+	−	−	−	Left	$(0, 24]$
24	+	+	−	−	−	−	−	Interval	$(4, 8]$
25	+	+	+	−	+	−	−	Interval	$(8, 36]$
26	+	+	−	+	−	−	−	Interval	$(4, 24]$
27	+	+	+	+	+	−	−	Interval	$(24, 36]$
28	+	+	+	+	+	−	+	Right	$(48, \infty)$
29	+	−	−	+	+	−	−	Left	$(0, 36]$
30	+	+	+	−	−	−	−	Interval	$(8, 12]$
31	+	+	+	+	−	−	−	Interval	$(12, 24]$
32	+	+	+	+	+	+	+	Right	$(48, \infty)$
33	+	+	+	+	+	+	−	Interval	$(36, 48]$
34	+	−	+	+	+	−	−	Left	$(0, 36]$
35	+	+	+	−	−	−	−	Interval	$(8, 12]$
36	+	−	+	+	+	−	−	Left	$(0, 36]$
37	+	+	+	+	−	−	+	Right	$(48, \infty)$
38	+	+	+	+	−	+	−	Interval	$(12, 48]$
39	+	+	−	−	−	−	−	Interval	$(4, 8]$
40	+	+	−	−	−	−	−	Interval	$(4, 8]$
41	+	+	+	+	+	+	+	Right	$(48, \infty)$
42	+	+	+	+	−	+	−	Interval	$(12, 48]$
43	+	+	−	+	−	−	−	Interval	$(4, 24]$
44	+	−	−	−	−	−	−	Left	$(0, 4]$
45	+	+	+	+	−	−	−	Interval	$(12, 24]$
46	+	+	+	+	+	+	+	Right	$(48, \infty)$