

Table 1.2. Measurements of log-size for 79 Sitka spruce trees grown in normal or ozone-enriched environments. Within each year, the data are organized in four blocks, corresponding to four controlled environment chambers. The first two chambers, containing 27 trees each, have an ozone-enriched atmosphere, the remaining two, containing 12 and 13 trees respectively, have a normal (control) atmosphere

Time in days since 1 January 1988												
152	174	201	227	258	469	496	528	556	579	613	639	674
4.51	4.98	5.41	5.9	6.15	6.16	6.18	6.48	6.65	6.87	6.95	6.99	7.04
4.24	4.2	4.68	4.92	4.96	5.2	5.22	5.39	5.65	5.71	5.78	5.82	5.85
3.98	4.36	4.79	4.99	5.03	5.87	5.88	6.04	6.34	6.49	6.58	6.65	6.61
4.36	4.77	5.1	5.3	5.36	5.53	5.56	5.68	5.93	6.21	6.26	6.2	6.19
4.34	4.95	5.42	5.97	6.28	6.5	6.5	6.79	6.83	7.1	7.17	7.21	7.16
4.59	5.08	5.36	5.76	6.0	6.33	6.34	6.39	6.78	6.91	6.99	7.01	7.05
4.41	4.56	4.95	5.23	5.33	6.13	6.14	6.36	6.57	6.78	6.82	6.81	6.86
4.24	4.64	4.95	5.38	5.48	5.61	5.63	5.82	6.18	6.42	6.48	6.47	6.46
4.82	5.17	5.76	6.12	6.24	6.48	6.5	6.77	7.14	7.26	7.3	6.91	7.28
3.84	4.17	4.67	4.67	4.8	4.94	4.94	5.05	5.33	5.53	5.56	5.57	5.6
4.07	4.31	4.9	5.1	5.1	5.26	5.26	5.38	5.66	5.81	5.84	5.93	5.89
4.28	4.8	5.27	5.55	5.65	5.76	5.77	5.98	6.18	6.39	6.43	6.44	6.41
4.47	4.89	5.23	5.55	5.74	5.99	6.01	6.08	6.39	6.45	6.57	6.57	6.58
4.46	4.84	5.11	5.34	5.46	5.47	5.49	5.7	5.93	6.06	6.15	6.12	6.12
4.6	4.08	4.17	4.35	4.59	4.65	4.69	5.01	5.21	5.38	5.58	5.46	5.5
3.73	4.15	4.61	4.87	4.93	5.24	5.25	5.25	5.45	5.65	5.65	5.76	5.83
4.67	4.88	5.18	5.34	5.49	6.44	6.44	6.61	6.74	7.06	7.11	7.04	7.11
2.96	3.47	3.76	3.89	4.3	4.15	4.15	4.41	4.72	4.76	4.93	4.98	5.07
3.24	3.93	4.76	4.62	4.64	4.63	4.64	4.77	5.08	5.27	5.3	5.43	5.2
4.36	4.77	5.02	5.26	5.45	5.44	5.44	5.49	5.73	5.77	6.01	5.96	5.96
4.04	4.64	4.86	5.09	5.25	5.25	5.27	5.5	5.65	5.69	5.97	5.97	5.89
3.53	4.25	4.68	4.97	5.18	5.64	5.64	5.53	5.74	5.78	5.94	6.18	5.99
4.22	4.69	5.07	5.37	5.58	5.76	5.8	6.11	6.37	6.35	6.58	6.55	6.55
2.79	3.1	3.3	3.38	3.55	3.61	3.65	3.93	4.18	4.13	4.36	4.43	4.39
3.3	3.9	4.34	4.96	5.4	5.46	5.49	5.77	6.03	6.07	6.2	6.26	6.28
3.34	3.81	4.21	4.54	4.86	4.93	4.96	5.15	5.48	5.49	5.7	5.74	5.74
3.76	4.36	4.7	5.44	5.32	5.65	5.67	5.63	6.04	6.02	6.05	6.03	5.91
4.49	4.76	5.15	5.37	5.56	5.73	5.73	5.8	5.97	6.1	6.16	6.22	6.13
4.88	5.14	5.52	6.08	6.17	6.32	6.33	6.37	6.68	6.83	6.94	6.93	6.95
4.88	5.32	5.63	5.75	5.94	6.09	6.09	6.14	6.51	6.61	6.68	6.64	6.74
3.8	4.16	4.45	4.89	5.05	5.06	5.06	5.13	5.32	5.46	5.46	5.42	5.49
4.46	4.62	5.0	5.4	5.49	5.68	5.72	5.95	6.13	6.32	6.33	6.33	6.3
4.29	4.82	5.32	5.46	5.5	5.54	5.54	5.54	5.6	5.57	5.55	5.55	5.55
4.06	4.58	4.81	5.12	5.27	5.48	5.51	5.58	5.93	6.36	6.17	6.07	6.13
5.16	5.43	5.71	6.08	6.21	6.37	6.38	6.41	6.64	6.82	6.89	7.11	7.14
3.81	4.12	4.42	4.62	4.6	4.74	4.76	4.94	5.1	5.21	5.23	5.22	5.23
5.09	5.62	5.9	6.36	6.49	6.72	6.72	6.74	6.87	6.87	6.87	6.83	6.97
4.13	4.71	5.27	5.56	5.72	6.06	6.06	6.21	6.44	6.66	6.71	6.65	6.64
4.85	5.36	5.52	5.96	6.13	6.22	6.24	6.41	6.58	6.78	6.83	6.82	6.8
4.11	4.62	4.95	5.28	5.43	5.8	5.8	5.87	6.2	6.44	6.44	6.4	6.44

Table 1.2.— *continued*

Time in days since 1 January 1988												
152	174	201	227	258	469	496	528	556	579	613	639	674
4.95	5.39	5.82	6.42	6.48	6.61	6.61	6.66	6.73	6.83	6.9	6.83	6.63
4.36	4.65	5.04	5.38	5.47	5.48	5.48	5.47	5.84	5.97	5.93	5.95	6.01
4.05	4.65	5.09	5.44	5.6	5.79	5.8	6.07	6.14	6.3	6.32	6.34	6.42
3.76	4.27	4.59	5.1	5.25	5.41	5.44	5.48	5.93	5.97	6.08	6.29	6.24
2.84	3.25	3.69	4.16	4.21	4.3	4.3	4.45	4.59	4.74	4.84	4.64	4.64
4.33	4.8	5.09	5.42	5.61	5.85	5.88	6.01	6.22	6.45	6.55	6.55	6.55
3.99	4.55	4.91	5.26	5.3	5.69	5.69	5.9	5.89	5.98	6.05	6.25	6.25
3.5	3.75	3.97	4.71	4.85	5.01	5.02	5.27	5.45	5.59	5.67	5.83	5.86
3.31	3.45	4.16	4.48	4.54	4.72	4.74	4.93	5.07	5.26	5.26	5.35	5.35
3.03	3.55	3.97	4.4	4.58	4.47	4.47	4.66	4.8	5.1	5.08	5.12	5.12
3.27	3.83	4.44	4.8	4.89	5.08	5.09	5.34	5.63	5.81	5.93	5.94	5.94
3.56	4.18	4.7	5.27	5.28	5.5	5.5	5.77	5.98	6.05	6.19	6.14	6.14
3.39	3.73	3.92	4.11	4.15	4.49	4.52	4.82	5.18	5.26	5.32	5.28	5.28
3.72	4.16	4.55	5.03	5.02	5.16	5.16	5.28	5.52	5.7	5.7	5.67	5.67
4.53	5.05	5.18	5.41	5.42	5.71	5.71	5.96	6.17	6.34	6.44	6.46	6.43
4.97	5.32	5.83	6.29	6.45	6.61	6.61	6.79	7.13	7.24	7.32	7.29	7.35
4.37	4.81	5.03	5.19	5.4	5.57	5.59	5.82	6.03	6.17	6.32	6.25	6.29
4.58	4.99	5.37	5.68	5.93	6.14	6.17	6.43	6.56	6.69	6.81	6.82	6.76
4.0	4.5	4.92	5.44	5.87	6.02	6.04	6.11	6.47	6.61	6.66	6.7	6.65
4.73	5.05	5.33	5.92	6.01	6.26	6.26	6.36	6.49	6.63	6.92	6.92	6.92
5.15	5.63	6.11	6.39	6.61	6.82	6.82	6.95	7.11	7.44	7.53	7.46	7.56
4.1	4.46	4.84	5.29	5.48	5.68	5.68	5.85	5.99	6.08	6.25	6.15	6.18
3.22	3.85	4.47	4.85	5.11	5.28	5.28	5.45	5.74	5.95	6.05	6.07	6.02
2.23	2.89	3.16	3.4	3.52	3.89	3.93	4.22	4.51	4.65	4.7	4.73	4.68
3.65	4.36	4.76	5.18	5.44	5.7	5.7	5.89	6.09	6.39	6.57	6.36	6.44
3.4	3.92	4.5	4.97	5.14	5.34	5.35	5.61	5.83	6.03	6.09	5.98	5.95
5.16	5.49	5.74	6.05	6.21	6.37	6.37	6.52	6.65	6.86	6.87	6.88	6.84
4.04	4.52	5.15	5.59	5.87	5.96	5.96	6.17	6.37	6.53	6.6	6.52	6.59
4.52	4.91	5.04	5.71	5.97	6.11	6.12	6.24	6.44	6.54	6.65	6.63	6.64
4.56	5.12	5.4	5.69	5.89	6.16	6.17	6.13	6.44	6.72	6.81	6.87	6.8
4.9	5.35	5.71	6.12	6.25	6.39	6.39	6.52	6.86	7.05	7.09	6.9	6.88
4.83	5.1	5.43	5.59	6.04	6.21	6.21	6.46	6.45	6.59	6.7	6.63	6.66
5.46	5.79	6.12	6.41	6.63	6.73	6.73	6.77	6.68	6.75	6.75	6.62	6.6
4.17	4.67	5.16	5.56	5.75	6.0	6.02	6.14	6.28	6.55	6.66	6.63	6.63
3.35	4.05	4.51	5.22	5.44	5.79	5.82	6.05	6.29	6.22	6.39	6.47	6.42
3.33	3.82	4.38	4.99	5.17	5.4	5.4	5.73	5.85	5.75	5.99	6.1	6.15
3.41	3.68	4.03	4.28	4.54	4.52	4.57	5.01	5.13	5.11	5.3	5.46	5.35
4.5	4.8	5.28	5.83	6.16	6.33	6.34	6.56	6.63	6.75	6.89	6.96	6.94
2.99	3.61	4.48	4.91	5.06	5.23	5.25	5.56	5.95	5.98	6.21	6.28	6.34