

## **46. Prognostic Variables for Survival in a Randomized Comparison of Treatments for Prostatic Cancer**

**Source and Contributor** D.P. Byar National Cancer Institute

These data were obtained from a randomized clinical trial comparing four treatments for patients with prostatic cancer in Stages 3 and 4. Stage 3 represents local extension of the disease without evidence of distant metastasis and Stage 4 represents distant metastasis as evidenced by elevated acid phosphatase, x-ray evidence, or both. The trial was double-blinded and the treatments were placebo pill, 0.2 mg diethylstilbestrol, DES, 1.0 mg of DES, or 5.0 mg of DES, all drugs administered daily by mouth. Patients were not required to remain indefinitely on their assigned treatment, but were allowed to have their treatment changed at the discretion of the physician if signs of tumour progression or symptoms appeared. This provision was required for ethical reasons. Patients were followed according to a standard protocol at 6 month intervals or more frequently if required.

The data for 506 patients given in Table 46.1 consist of an identification number, stage of tumour, a code for the treatment to which the patient was assigned, the date of randomization, the total months of follow-up since randomization, an indicator for the survival status or cause of death, and the values of twelve pretreatment covariates.

The goal of an analysis should be to compare the treatments with respect to survival of the patients. Since this was a randomized study it would ordinarily not be necessary to adjust for the values of the pretreatment covariates. However, in such studies it is advisable to examine the prognostic significance of the covariates and to confirm that they are balanced across treatment groups. In addition, the analyst should look for important treatment-covariate interactions which might lead to the definition of subsets of patients in which treatment differences were significantly more marked or even reversed.

These data have been analyzed at an earlier stage in their collection in Byar and Corle (1977) and have been re-analyzed in their present form in Byar and Green (1980).

### References

- Byar, D.P. and Corle, D.K. (1977). Selecting optimal treatment in clinical trials using covariate information. *Chronic Diseases* **30**, 445-469.
- Byar, D.P. and Green, S.B. (1980). The choice of treatment for cancer patients based on covariate information: application to prostate cancer. *Bull. Cancer, Paris* **67**, 477-488.

**Table 46.1**  
**Prognostic Variables for Survival**  
**in a Randomized Comparison**  
**of Treatments for Prostatic Cancer \***

Pat no.	Stage	Rx	Date on-study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates									
										S B	D B	E K	P	P	G	HG	SZ	SG	AP
1	3	2	8 10 67	72	0	75	76	0	0	15	9	4	138	2	8	3	0		
2	3	2	9 21 67	1	5	54	116	0	0	13	7	3	146	42	-	7	0		
3	3	4	1 12 68	40	3	69	102	0	1	14	8	4	134	3	9	3	0		
4	3	2	3 18 68	20	3	75	94	1	1	14	7	1	176	4	8	9	0		
5	3	1	3 21 68	65	0	67	99	0	0	17	10	0	134	34	8	5	0		
6	3	2	6 13 68	24	1	71	98	0	0	19	10	0	151	10	11	6	0		
7	3	1	6 26 68	46	2	75	100	0	0	14	10	1	130	13	9	8	0		
8	3	1	6 27 68	62	0	73	114	0	1	17	11	4	126	3	9	6	0		
9	3	3	7 31 68	61	0	60	110	0	0	12	8	0	146	4	10	7	0		
10	3	3	8 6 68	60	0	78	107	0	1	13	8	5	130	21	6	4	0		
11	3	3	8 7 68	60	0	77	89	0	0	15	8	0	156	3	8	6	0		
12	3	4	9 11 68	59	0	74	105	0	1	18	14	0	136	6	8	4	0		
13	3	2	9 18 68	59	0	74	107	0	0	14	9	5	144	6	9	3	0		
14	3	1	9 18 68	49	1	55	112	0	1	16	9	4	139	4	9	10	0		
15	3	4	10 1 68	20	3	73	88	0	0	19	10	4	120	15	10	6	0		
16	3	4	10 1 68	3	2	87	81	1	1	17	12	2	134	3	9	4	0		
17	3	1	10 23 68	58	0	64	90	0	0	14	8	0	162	6	9	7	0		
18	3	3	11 4 68	29	4	79	104	0	0	13	8	1	150	5	8	5	0		
19	3	4	4 9 69	26	2	62	90	0	1	13	8	1	144	2	9	7	0		
20	3	4	4 23 69	52	0	74	107	0	0	13	8	4	164	10	9	7	0		
21	3	4	4 23 69	20	2	83	72	1	1	13	9	4	150	1	10	7	0		
22	3	3	5 21 69	51	0	65	113	0	0	16	10	0	141	21	9	7	0		
23	3	1	5 26 69	51	0	61	97	0	0	11	8	0	135	8	8	6	0		
24	4	4	8 23 67	31	1	56	95	0	0	15	10	2	148	26	13	357	1		
25	4	3	10 2 67	42	3	73	103	0	0	16	10	0	146	6	11	39	0		
26	4	2	11 1 67	38	2	69	75	0	0	16	8	4	107	25	11	62	0		
27	4	1	11 9 67	69	0	76	82	0	0	12	8	5	117	12	10	25	0		
28	4	1	11 13 67	39	1	71	103	0	0	12	7	0	144	11	11	120	0		
29	4	3	11 24 67	33	5	66	126	0	0	17	10	4	140	32	13	242	0		
30	4	2	12 5 67	8	1	76	90	0	0	15	9	4	128	40	13	23	0		
31	4	2	12 15 67	13	1	74	77	2	0	16	9	4	105	17	13	3160	1		
32	4	4	1 3 68	33	7	71	150	0	1	16	10	5	150	9	11	19	0		
33	4	3	1 11 68	9	1	71	88	0	1	16	9	4	123	38	13	354	0		
34	4	1	1 19 68	21	1	79	89	0	0	16	9	4	128	26	12	121	0		
35	4	4	2 1 68	66	1	75	101	0	0	15	9	0	146	8	14	38	0		
36	4	4	2 1 68	5	1	76	86	0	1	16	6	4	82	10	11	992	1		
37	4	1	1 12 68	27	7	72	93	0	0	16	10	4	130	2	11	13	0		
38	4	2	2 27 68	2	2	69	84	0	1	12	8	1	104	15	13	289	1		
39	4	2	5 8 68	20	1	53	99	0	0	12	9	1	142	26	13	56	1		
40	4	3	8 7 68	19	1	76	85	0	0	14	9	4	130	6	11	14	1		
41	4	1	8 28 68	60	0	72	95	0	1	17	8	4	136	12	12	23	0		
42	4	3	10 7 68	58	0	-	76	0	0	15	8	4	128	35	13	300	1		
43	4	4	10 9 68	32	1	82	89	0	0	14	8	0	130	27	13	223	1		
44	4	1	3 4 69	53	0	74	124	0	0	16	8	3	94	26	15	13	0		
45	4	3	3 26 69	53	0	75	93	0	0	13	9	2	153	16	13	33	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates							
										S B	D B	E K	P	P	G	HG	SZ
46	4	4	4 18 69	43	1	74	81	0	0	17	10	4	134	28	11	200	1
47	4	2	5 26 69	21	1	60	96	0	0	12	8	0	143	27	13	70	0
48	3	4	6 23 67	30	9	59	116	1	0	12	8	4	152	-	9	7	0
49	3	4	6 28 67	74	0	49	99	0	0	13	7	0	148	14	8	5	0
50	3	1	8 11 67	72	0	74	96	1	1	11	6	5	104	20	11	6	0
51	3	1	12 15 67	14	1	73	101	0	0	16	7	0	124	18	11	6	0
52	3	4	3 14 68	33	2	76	98	0	1	17	10	5	171	13	8	5	0
53	3	2	3 20 68	8	3	72	84	0	1	12	8	4	148	15	8	6	0
54	3	3	4 10 68	10	2	73	82	0	1	16	8	4	141	20	9	5	0
55	3	1	4 11 68	51	1	78	108	2	1	18	8	5	148	24	9	3	0
56	3	2	5 6 68	7	2	71	112	0	1	15	9	0	132	14	11	4	0
57	3	3	5 17 68	63	0	75	92	0	0	13	8	4	152	41	-	8	0
58	3	2	10 24 68	33	1	64	130	0	0	13	9	0	142	23	11	2	0
59	3	2	3 1 69	3	3	78	118	0	1	16	9	4	124	3	9	4	0
60	3	1	3 29 69	43	5	60	99	0	0	12	9	0	136	7	9	6	0
61	4	3	6 5 67	37	1	68	104	0	0	14	9	4	144	32	13	73	1
62	4	1	10 27 67	5	3	77	93	1	0	21	9	5	129	24	13	117	0
63	4	2	10 27 67	6	1	73	102	0	1	14	9	4	120	51	15	87	0
64	4	1	11 3 67	2	1	70	76	2	0	12	8	0	78	26	11	20	1
65	4	2	3 1 68	5	1	53	106	0	0	14	8	4	143	10	11	7	0
66	4	4	5 1 68	64	0	55	116	0	0	13	9	4	148	26	15	46	1
67	4	4	12 3 68	1	8	80	91	1	1	14	8	5	117	15	13	13	0
68	4	3	1 11 69	21	1	59	71	0	0	8	4	4	87	27	11	1751	1
69	4	1	2 27 69	16	7	80	111	0	0	16	9	0	113	34	15	11	1
70	3	3	4 14 67	21	3	68	97	1	1	14	8	5	121	18	8	6	0
71	3	3	5 10 67	12	2	77	103	0	1	13	7	2	144	5	9	7	0
72	3	3	5 10 67	75	0	74	110	0	0	16	8	1	136	7	8	5	0
73	3	1	6 7 67	74	0	70	94	0	0	15	7	1	137	24	7	8	0
74	3	2	6 7 67	74	0	72	142	1	1	14	13	0	126	-	9	5	0
75	3	2	6 16 67	54	1	65	90	0	0	14	8	0	140	47	9	3	0
76	3	4	7 17 67	73	0	74	97	0	1	13	7	0	129	6	8	2	0
77	3	1	7 26 67	36	2	72	110	0	1	22	13	5	147	5	10	6	0
78	3	1	7 26 67	59	7	69	97	0	1	13	7	0	143	4	9	3	0
79	3	4	8 4 67	6	3	72	115	0	1	16	10	0	120	5	8	3	0
80	3	2	8 21 67	58	2	71	87	0	1	13	10	2	134	13	9	8	0
81	3	3	8 30 67	16	6	73	93	0	0	11	7	0	138	8	9	3	0
82	3	4	9 6 67	19	2	79	106	0	1	16	7	5	136	13	9	2	0
83	3	4	10 10 67	39	2	63	86	0	1	16	8	5	160	7	9	4	0
84	3	2	10 27 67	26	5	74	101	0	1	14	9	2	106	14	8	4	0
85	3	1	10 27 67	60	6	72	118	0	1	17	11	0	156	9	9	6	0
86	3	2	11 2 67	43	7	78	117	0	1	10	7	4	136	16	8	4	0
87	3	4	12 13 67	7	2	76	92	0	1	12	7	5	136	12	9	5	0
88	3	3	12 13 67	9	5	70	72	0	1	16	9	3	120	17	8	1	0
89	3	3	1 17 68	67	0	69	120	0	1	16	10	4	136	21	10	7	0
90	3	4	1 30 68	62	5	76	102	0	1	12	8	0	132	13	8	5	0
91	3	1	5 7 68	17	6	84	104	0	1	15	10	1	134	8	6	4	0
92	3	2	5 7 68	25	5	80	98	0	1	15	8	0	123	8	9	5	0

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates							
										S B	D B	E K	P P	G G	HG HG	SZ SZ	SG SG
93	3	3	6 14 68	000	6	81	97	0	0	10	7	0	134	11	9	7	0
94	3	4	6 21 68	5	2	81	76	0	1	13	7	4	149	28	9	5	0
95	3	4	7 24 68	34	2	71	100	0	1	12	10	4	144	11	6	3	0
96	3	1	9 17 68	59	0	77	109	0	0	14	7	0	120	7	10	3	0
97	3	2	10 2 68	31	2	70	109	0	1	18	8	4	120	28	9	5	0
98	3	1	10 9 68	58	0	76	108	0	1	12	7	5	120	3	9	3	0
99	3	3	10 21 68	30	3	76	102	0	1	16	9	5	182	52	11	6	0
100	3	2	11 6 68	57	0	71	97	0	0	13	7	3	134	19	9	6	0
101	3	2	11 13 68	5	2	76	96	0	1	17	8	0	137	33	9	6	0
102	3	4	1 8 69	55	0	64	100	0	1	16	10	0	137	6	9	2	0
103	3	3	1 30 69	55	0	74	113	0	0	12	7	0	143	7	10	8	0
104	3	1	4 17 69	52	0	76	88	0	1	16	9	0	123	3	8	6	0
105	3	4	4 29 69	000	4	82	82	0	1	13	9	2	116	5	10	6	0
106	3	3	5 14 69	51	0	65	87	0	1	16	8	0	145	2	9	8	0
107	4	2	4 14 67	17	2	70	83	1	0	14	6	0	127	14	11	97	1
108	4	4	4 14 67	70	5	76	92	0	0	13	6	4	97	6	10	62	1
109	4	1	6 7 67	74	0	77	93	0	0	10	6	1	110	00	12	49	0
110	4	2	6 16 67	74	0	77	99	0	1	17	9	0	128	15	12	24	0
111	4	3	8 18 67	20	2	70	103	0	1	12	7	0	135	23	11	102	0
112	4	1	11 7 67	2	1	73	80	0	1	13	8	4	129	61	12	397	0
113	4	2	1 15 68	8	1	63	119	0	1	13	8	4	128	14	15	417	1
114	4	4	2 14 68	27	7	71	91	0	0	13	6	4	120	1	10	12	0
115	4	3	3 13 68	23	3	78	103	1	1	14	8	0	100	38	12	18	1
116	4	1	1 7 69	1	2	74	100	0	1	13	8	5	144	1	11	11	0
117	4	4	4 4 69	52	0	70	110	0	1	16	8	5	159	4	10	20	0
118	4	3	5 7 69	51	0	73	106	0	1	11	8	1	112	10	13	12	1
119	4	4	5 20 69	6	1	74	98	0	1	13	6	2	140	41	12	784	1
120	4	3	5 27 69	000	1	77	91	0	1	12	7	4	143	6	11	17	1
121	4	4	5 27 69	26	2	85	85	0	1	15	7	0	140	12	12	259	0
122	3	1	9 14 67	65	6	72	79	0	1	13	7	0	123	16	9	8	0
123	3	1	9 14 67	52	8	74	106	0	0	14	6	5	138	17	-	2	0
124	3	2	10 23 67	26	1	78	83	0	0	13	7	0	103	25	11	5	0
125	3	4	10 24 67	70	0	60	110	0	0	14	10	4	143	13	-	5	0
126	3	1	11 8 67	6	5	72	76	0	0	11	9	1	100	16	10	7	0
127	3	2	11 8 67	6	4	68	124	0	0	13	7	2	145	17	9	18	0
128	3	3	12 12 67	68	0	71	93	0	0	15	9	0	145	19	9	3	0
129	3	4	1 3 68	33	2	65	125	0	0	17	9	5	150	19	8	8	0
130	3	2	2 2 68	67	0	67	96	0	0	13	7	5	157	7	9	5	0
131	3	2	3 4 68	58	2	76	94	0	0	12	7	0	142	-	7	3	0
132	3	4	3 8 68	23	1	74	98	0	0	15	9	3	142	3	12	41	0
133	3	4	4 9 68	6	5	78	91	0	0	11	7	0	110	4	9	3	0
134	3	3	5 10 68	11	2	74	85	0	0	14	8	1	140	16	9	9	0
135	3	1	6 6 68	6	1	71	92	0	0	13	7	3	140	9	9	8	0
136	3	3	11 14 68	57	0	74	113	0	0	14	7	2	105	20	9	5	0
137	3	3	11 20 68	57	0	72	110	0	0	17	10	4	145	20	8	4	0
138	3	1	1 24 69	29	2	57	97	0	0	14	8	4	147	20	9	7	0

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates									
										S B	D B	E K	P	G	HG	SZ	SG	AP	BM
139	3	2	2 7 69	9	5	74	104	0	0	14	7	0	138	25	8	8	0		
140	3	3	3 26 69	53	0	72	105	0	0	12	6	2	136	5	9	7	0		
141	3	3	5 16 69	51	0	65	99	0	0	13	8	0	144	10	9	6	0		
142	3	4	5 21 69	8	4	83	115	0	0	17	9	4	167	25	9	6	0		
143	4	1	7 31 67	000	7	71	98	2	1	18	9	4	123	34	13	429	1		
144	4	4	8 22 67	21	2	73	103	0	0	12	8	0	128	21	11	28	0		
145	4	2	11 29 67	27	1	71	102	0	0	14	7	0	105	30	13	3670	1		
146	4	3	11 29 67	22	6	75	124	0	0	18	11	4	156	22	11	70	0		
147	4	3	12 5 67	12	1	71	77	0	0	10	6	2	70	17	13	36	1		
148	4	3	12 12 67	68	0	56	69	0	0	13	8	0	107	11	13	14	1		
149	4	3	12 20 67	21	7	83	88	0	0	13	7	0	133	15	13	217	0		
150	4	2	12 26 67	68	0	71	116	0	0	15	8	4	150	46	10	32	0		
151	4	4	1 29 68	000	7	73	98	1	1	15	8	2	102	23	13	1278	0		
152	4	4	4 9 68	2	1	78	74	0	0	12	9	4	140	32	11	47	1		
153	4	1	5 27 68	14	1	50	109	0	0	12	8	0	93	17	11	2252	1		
154	4	1	6 26 68	18	2	73	101	0	0	16	11	4	140	9	11	27	0		
155	4	4	8 15 68	5	1	67	111	0	0	12	9	5	96	17	11	70	1		
156	4	3	8 21 68	60	0	72	96	0	0	15	9	0	153	2	15	436	1		
157	4	1	8 22 68	40	3	72	96	0	0	14	10	1	105	26	12	299	1		
158	4	1	3 19 69	31	1	68	98	0	0	18	10	5	150	-	13	17	0		
159	4	2	5 20 69	51	0	78	116	0	0	15	10	4	157	6	13	11	0		
160	3	1	12 6 67	50	9	72	91	0	1	19	9	4	120	16	8	6	0		
161	3	2	1 4 68	46	9	76	118	0	1	18	8	4	145	4	8	7	0		
162	3	2	3 28 68	65	0	77	111	0	0	19	9	3	125	20	9	8	0		
163	3	4	5 9 68	9	4	70	127	0	0	13	9	2	118	14	8	2	0		
164	3	2	6 24 68	21	5	74	96	0	1	10	7	0	102	18	9	9	0		
165	3	2	9 16 68	27	9	71	92	0	1	15	8	5	106	5	8	4	0		
166	3	3	2 28 69	54	0	69	89	0	1	12	7	0	135	4	8	5	0		
167	3	3	4 7 69	52	0	70	111	0	1	18	8	2	82	22	9	8	0		
168	4	3	5 15 67	75	0	58	99	0	0	19	12	4	131	24	11	16	0		
169	4	4	5 9 67	75	0	78	99	0	0	14	7	0	126	27	-	46	1		
170	4	3	7 7 67	30	2	73	105	0	1	14	6	5	138	9	15	51	0		
171	4	4	10 23 67	70	0	69	108	0	0	12	8	0	122	23	11	20	0		
172	4	3	11 3 67	14	5	73	94	0	0	12	7	5	134	31	13	34	0		
173	4	1	7 3 68	000	7	73	93	0	0	14	8	0	78	23	15	12	0		
174	4	4	7 9 68	42	2	68	100	0	0	17	10	4	117	32	13	264	0		
175	4	3	7 15 68	12	2	75	88	0	1	14	6	0	134	31	13	216	1		
176	4	1	7 19 68	40	2	68	104	0	1	17	10	5	150	25	10	9	1		
177	4	1	7 22 68	2	1	76	88	0	1	16	7	0	112	32	13	262	0		
178	4	3	10 30 68	12	1	76	87	1	1	14	5	4	117	28	14	428	1		
179	4	2	3 9 69	53	0	75	89	0	1	14	8	0	126	8	11	20	0		
180	4	2	3 12 69	11	1	59	116	0	1	10	6	0	128	6	11	24	0		
181	3	4	6 27 67	18	2	72	96	0	0	11	8	0	103	9	11	33	1		
182	3	3	9 6 67	13	3	80	91	0	0	15	8	2	123	4	8	6	0		
183	3	2	10 10 67	45	7	78	112	0	1	16	8	0	150	7	9	3	0		
184	3	3	10 12 67	8	9	52	90	0	1	13	8	4	148	4	9	3	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates									
										S B	D B	E K	P	P	G	HG	SZ	SG	AP
185	3	4	12 27 67	28	1	75	87	0	0	9	5	4	127	8	8	10	0		
186	3	4	1 4 68	67	0	67	109	0	1	14	8	0	140	3	9	8	0		
187	3	2	1 16 68	67	0	74	103	0	0	16	6	4	130	4	9	4	0		
188	3	1	1 24 68	24	2	79	107	1	1	23	10	4	116	2	9	2	0		
189	3	2	4 10 68	64	0	73	96	0	0	15	10	2	120	4	9	5	0		
190	3	3	4 24 68	26	2	75	113	2	0	12	7	4	135	1	13	7	0		
191	4	2	8 28 67	57	1	72	88	0	0	14	7	4	120	7	12	594	0		
192	4	2	9 11 67	32	1	55	96	0	1	15	9	4	103	12	11	2	0		
193	4	1	9 13 67	71	0	68	-	1	1	16	9	0	146	18	11	2	0		
194	4	2	9 13 67	42	3	48	100	1	1	14	10	4	123	3	11	15	0		
195	4	1	9 18 67	20	2	75	88	0	1	9	5	4	140	1	11	48	0		
196	4	3	9 19 67	71	0	56	94	0	0	12	8	0	144	1	10	11	0		
197	4	4	4 18 68	54	6	70	86	0	0	14	9	4	144	4	11	12	0		
198	4	4	4 23 68	64	0	54	89	0	0	15	6	2	148	8	13	12	1		
199	4	4	4 23 68	51	2	87	82	0	0	14	7	0	110	3	15	21	1		
200	3	4	5 15 67	1	2	73	94	0	1	14	9	4	133	22	8	8	0		
201	3	1	6 1 67	2	7	76	94	0	0	16	10	0	107	8	9	6	0		
202	3	4	6 27 67	000	1	68	106	0	0	15	9	0	107	69	13	9	0		
203	3	1	6 27 67	54	3	70	97	0	1	17	10	2	138	10	9	6	0		
204	3	2	11 17 67	69	0	65	83	0	0	12	6	0	160	8	9	6	0		
205	3	1	12 4 67	68	0	79	95	0	0	14	8	4	134	11	9	4	0		
206	3	1	1 10 68	67	0	70	120	0	0	19	11	0	147	7	9	5	0		
207	3	3	2 26 68	66	0	70	99	0	0	12	8	0	160	8	9	6	0		
208	3	1	4 10 68	64	0	59	90	0	1	14	8	0	104	2	9	3	0		
209	3	2	5 23 68	63	0	72	73	2	0	13	8	0	142	11	8	6	0		
210	3	3	6 10 68	35	3	76	88	0	1	14	9	0	152	4	5	6	0		
211	3	4	6 20 68	62	0	78	123	0	0	13	8	1	168	00	10	9	0		
212	3	3	7 16 68	7	7	76	113	0	1	14	6	4	128	3	8	7	0		
213	3	4	7 31 68	35	7	66	87	0	0	14	9	0	143	3	8	4	0		
214	3	3	10 23 68	24	4	69	91	0	1	16	10	3	150	11	8	3	0		
215	3	4	11 22 68	57	0	71	88	0	0	16	8	4	154	3	9	5	0		
216	3	2	12 31 68	1	5	75	120	0	0	15	7	4	151	4	8	6	0		
217	3	2	2 12 69	4	2	74	99	0	1	17	9	2	157	7	7	6	0		
218	4	2	5 23 67	74	5	72	103	0	0	15	9	3	165	4	10	10	0		
219	4	2	5 24 67	000	1	78	96	2	0	16	9	4	101	54	12	46	1		
220	4	2	6 16 67	51	2	71	110	0	0	14	9	5	134	6	10	7	1		
221	4	4	7 17 67	36	2	75	101	0	1	16	10	4	110	15	10	16	0		
222	4	2	8 2 67	16	1	73	89	2	0	15	8	4	72	14	11	204	1		
223	4	3	10 3 67	32	1	79	79	2	0	15	7	1	133	16	13	289	1		
224	4	4	12 7 67	68	0	70	92	0	0	16	8	0	135	22	14	27	0		
225	4	2	12 15 67	17	1	73	76	0	0	17	8	0	134	50	13	89	0		
226	4	1	2 21 68	66	0	75	98	0	1	14	8	0	147	16	13	28	0		
227	4	3	3 14 68	65	0	76	83	0	0	12	6	2	114	13	11	5960	1		
228	4	1	3 19 68	19	1	71	77	1	0	17	7	5	118	61	15	43	1		
229	4	3	3 22 68	41	1	76	91	0	0	17	8	0	151	24	11	82	0		
230	4	1	4 5 68	28	2	73	106	0	1	16	9	0	147	11	11	369	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on-study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates									
										S B	D B	E K	P	P	G	HG	SZ	SG	AP
231	4	1	4 11 68	000	2	70	80	0	1	10	8	4	122	5	11	43	0		
232	4	4	4 26 68	46	1	72	100	0	1	12	7	5	160	62	11	548	1		
233	4	4	5 24 68	63	0	74	101	0	0	14	9	5	148	25	10	24	0		
234	4	3	8 5 68	60	0	62	98	0	0	12	8	4	156	15	13	45	0		
235	4	3	9 19 68	59	0	53	116	0	0	13	8	0	164	7	12	10	0		
236	3	4	5 1 67	46	2	54	91	0	0	13	10	0	130	15	9	7	0		
237	3	3	5 1 67	63	1	58	94	0	1	16	10	3	138	12	9	2	0		
238	3	4	6 13 67	8	2	78	99	0	1	17	9	5	120	9	8	1	0		
239	3	3	6 15 67	74	0	77	100	0	1	10	7	3	124	25	9	4	0		
240	3	1	6 21 67	18	2	61	152	0	1	15	10	4	141	18	7	2	0		
241	3	1	9 12 67	33	7	78	98	1	1	13	7	4	136	9	9	5	0		
242	3	1	9 25 67	12	2	68	88	1	1	24	12	4	144	12	9	2	0		
243	3	2	9 27 67	1	7	62	76	1	0	10	6	-	116	13	9	3	0		
244	3	3	2 29 68	66	0	70	109	0	0	15	10	0	145	15	11	6	0		
245	3	3	6 17 68	28	5	75	81	0	0	16	10	0	137	19	10	5	0		
246	3	2	9 5 68	30	2	80	91	0	0	12	8	4	108	22	11	9	0		
247	3	2	9 18 68	57	7	76	99	0	1	13	8	5	112	20	8	5	0		
248	3	3	9 20 68	50	1	68	102	0	0	16	8	0	120	20	11	7	0		
249	3	1	10 18 68	39	2	73	81	0	1	19	4	4	125	18	11	3	0		
250	3	1	10 18 68	40	2	79	96	0	0	15	10	4	140	16	6	3	0		
251	3	2	4 4 69	24	3	78	81	0	1	14	7	5	110	4	9	4	0		
252	3	4	6 3 69	6	2	79	94	0	1	11	8	5	122	4	6	4	0		
253	4	2	8 14 67	30	2	72	90	1	1	22	12	4	123	15	14	5	1		
254	4	2	9 8 67	58	1	52	106	0	1	11	7	0	150	13	14	53	0		
255	4	3	12 18 67	68	0	76	97	0	1	15	10	4	146	19	11	3535	0		
256	4	2	1 3 68	24	1	74	85	0	0	16	10	2	100	19	13	139	1		
257	4	1	1 12 68	33	8	71	86	0	0	14	8	0	102	8	11	4	1		
258	4	4	3 25 68	65	0	72	96	0	0	14	10	2	123	17	12	200	0		
259	4	4	3 25 68	2	4	77	113	0	0	15	8	0	138	22	12	55	0		
260	4	2	4 11 68	64	0	73	100	0	1	16	10	4	138	23	11	97	0		
261	4	1	6 4 68	19	1	75	83	0	0	12	7	2	118	17	13	23	0		
262	4	1	10 9 68	58	0	73	-	0	0	13	7	5	133	20	13	11	0		
263	4	4	3 18 69	15	1	71	98	0	0	15	10	4	147	12	11	431	1		
264	4	2	3 21 69	10	1	76	94	0	1	16	9	0	105	20	12	336	0		
265	4	4	3 21 69	12	1	49	90	1	0	14	8	4	141	21	15	56	1		
266	4	4	3 27 69	53	0	74	91	2	1	13	7	2	134	17	11	2783	1		
267	4	3	5 5 69	51	0	59	97	0	0	13	6	0	141	17	13	22	0		
268	4	3	5 29 69	1	2	79	116	0	1	15	9	2	126	23	11	38	0		
269	3	3	10 20 67	40	1	78	113	0	0	20	10	-	132	36	11	6	0		
270	3	1	2 1 68	40	1	78	110	0	0	14	8	-	148	15	9	3	0		
271	3	3	2 8 68	66	0	79	96	0	0	14	8	-	148	19	8	4	0		
272	3	2	2 19 68	2	4	72	82	0	0	13	7	4	94	33	11	6	0		
273	3	2	4 8 68	21	1	58	136	1	1	14	8	1	105	30	12	7	0		
274	3	4	4 11 68	35	1	73	101	0	0	12	6	0	128	46	11	6	0		
275	3	1	9 23 68	29	1	75	113	0	1	19	8	5	109	21	11	4	0		
276	3	4	12 9 68	54	1	78	107	0	0	14	9	0	128	42	11	297	0		



Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment covariates									
										S B	D B	E K	P	P	G	HG	SZ	SG	AP
277	3	4	1 20 69	37	2	60	94	0	0	15	9	0	130	10	9	4	0		
278	3	2	3 7 69	10	5	72	83	0	0	11	7	0	138	15	9	4	0		
279	4	4	4 27 67	29	1	59	99	3	0	13	8	0	127	17	13	9999	1		
280	4	3	9 27 67	71	0	84	107	0	0	14	7	-	130	15	11	379	1		
281	4	1	9 27 67	12	1	74	107	0	1	15	8	0	146	18	11	84	0		
282	4	2	10 19 67	13	1	76	97	0	0	14	8	0	137	36	15	155	0		
283	4	1	12 4 67	27	1	80	135	0	1	11	7	5	129	17	11	38	0		
284	4	2	11 8 67	66	1	72	123	0	1	15	8	2	158	00	13	18	0		
285	4	1	2 29 68	28	1	59	100	0	0	14	8	-	158	21	11	53	0		
286	4	3	4 3 68	31	1	74	111	0	0	13	8	0	152	25	13	42	0		
287	4	3	5 21 68	12	1	65	102	0	0	15	9	0	155	19	11	22	0		
288	4	1	5 21 68	9	2	71	119	0	0	19	10	4	136	24	13	256	1		
289	4	2	10 17 68	21	1	76	94	0	0	14	6	0	106	24	11	109	1		
290	4	4	11 27 68	19	1	74	74	3	0	14	5	3	112	2	11	37	1		
291	4	3	5 23 69	51	0	75	114	0	0	18	7	5	138	22	11	23	0		
292	3	1	4 6 67	71	1	73	134	1	1	22	10	4	140	22	11	6	0		
293	3	3	4 12 67	76	0	74	99	0	1	17	7	0	111	12	11	4	0		
294	3	4	4 21 67	46	1	72	112	1	1	16	8	0	130	30	11	6	0		
295	3	2	5 5 67	47	5	75	107	0	1	15	9	4	162	7	9	11	0		
296	3	2	5 5 67	75	0	70	99	1	0	12	7	0	139	7	9	9	0		
297	3	4	5 5 67	75	0	61	94	0	0	12	7	4	120	4	9	8	0		
298	3	3	5 5 67	49	2	71	94	0	1	16	7	4	156	9	9	3	0		
299	3	4	5 10 67	75	0	57	84	0	0	12	8	0	139	6	8	5	0		
300	3	4	5 15 67	75	0	65	111	0	0	14	8	5	137	15	9	8	0		
301	3	1	5 31 67	31	2	78	96	1	1	17	11	0	149	2	10	2	0		
302	3	1	6 5 67	69	1	60	122	0	0	13	9	0	161	26	9	5	0		
303	3	2	6 23 67	74	0	72	102	0	0	16	8	0	140	23	7	3	0		
304	3	3	7 10 67	25	7	81	102	1	0	15	8	5	128	4	8	5	0		
305	3	4	8 15 67	72	0	70	87	0	0	15	8	0	146	5	10	3	0		
306	3	2	8 21 67	28	7	62	88	0	1	12	7	6	135	10	8	3	0		
307	3	3	8 25 67	36	7	68	98	0	0	16	7	2	133	40	9	4	0		
308	3	1	8 31 67	8	1	74	97	0	0	14	8	4	136	14	8	5	0		
309	3	2	9 28 67	71	0	65	117	0	1	15	8	0	165	9	9	8	0		
310	3	1	10 10 67	60	3	74	95	0	1	18	9	0	98	2	8	7	0		
311	3	3	10 30 67	14	4	76	99	0	1	15	9	4	120	9	11	8	0		
312	3	2	11 29 67	22	7	70	78	0	0	14	7	2	149	9	11	2	0		
313	3	4	12 4 67	67	8	73	105	0	0	13	6	2	149	39	9	5	0		
314	3	1	12 15 67	62	2	71	107	0	1	18	10	4	145	9	8	3	0		
315	3	4	12 15 67	68	0	73	118	0	0	17	9	3	134	4	9	7	0		
316	3	1	12 20 67	68	0	71	108	0	0	16	12	4	141	7	9	4	0		
317	3	3	12 22 67	27	3	75	145	0	0	13	8	1	154	4	9	5	0		
318	3	2	12 29 67	68	0	70	98	0	0	11	7	4	142	19	10	5	0		
319	3	3	12 29 67	68	0	77	98	0	0	12	6	5	155	9	9	4	0		
320	3	1	1 4 68	67	0	71	87	0	0	15	8	0	156	8	8	6	0		
321	3	1	1 4 68	67	0	75	101	0	0	14	7	3	135	18	7	5	0		
322	3	2	1 4 68	3	2	74	105	0	1	16	7	4	141	10	11	3	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment Covariates									
										S B P	D B P	E K G	HG	SZ	SG	AP	BM		
323	3	4	1 15 68	49	2	72	100	0	0	11	6	4	150	8	11	3	0		
324	3	4	1 16 68	12	6	89	92	0	1	13	6	5	136	8	9	7	0		
325	3	2	1 16 68	30	6	75	96	0	0	12	6	4	143	10	12	7	0		
326	3	3	1 26 68	67	0	71	101	0	0	14	8	4	147	3	11	5	0		
327	3	3	1 31 68	5	5	80	95	0	1	16	10	4	145	7	9	9	0		
328	3	3	2 12 68	65	5	51	96	0	0	13	8	0	118	2	6	6	0		
329	3	1	2 13 68	24	7	71	81	0	0	9	4	0	137	10	9	4	0		
330	3	2	2 19 68	66	0	72	95	0	1	10	5	0	140	8	8	7	0		
331	3	4	2 22 68	36	2	70	91	0	1	16	9	3	159	7	9	10	0		
332	3	1	2 26 68	66	0	55	103	0	0	16	10	5	167	2	8	8	0		
333	3	2	2 26 68	40	3	76	104	0	1	15	7	4	146	3	9	5	0		
334	3	2	2 26 68	13	7	68	97	0	0	17	9	4	95	11	8	5	0		
335	3	4	3 20 68	40	3	75	81	0	1	12	8	5	155	14	8	4	0		
336	3	2	3 26 68	65	0	52	101	0	1	15	10	4	140	4	-	6	0		
337	3	2	4 1 68	000	7	75	91	0	0	20	10	4	118	3	11	2	0		
338	3	3	4 11 68	14	2	75	94	0	1	11	7	4	175	15	9	8	0		
339	3	3	4 11 68	45	3	72	77	0	0	13	7	0	110	4	8	5	0		
340	3	3	4 11 68	64	0	74	118	0	0	14	8	0	142	4	6	6	0		
341	3	3	4 11 68	13	6	75	91	0	0	13	7	2	121	5	8	5	0		
342	3	1	4 18 68	24	5	75	79	0	1	13	9	5	109	8	8	4	0		
343	3	1	5 6 68	15	2	71	96	0	1	12	8	4	173	5	11	8	0		
344	3	1	5 9 68	26	2	76	102	0	1	15	9	4	112	10	8	5	0		
345	3	3	5 9 68	5	1	70	83	0	0	14	7	5	117	33	13	3	0		
346	3	2	5 13 68	63	0	73	129	0	1	21	11	4	167	10	8	7	0		
347	3	4	7 8 68	35	2	70	107	0	1	13	8	5	161	7	11	8	0		
348	3	1	7 8 68	61	0	75	93	0	0	13	8	0	137	10	12	1	0		
349	3	4	7 19 68	61	0	70	127	0	0	14	7	0	162	8	9	6	0		
350	3	4	7 24 68	50	9	74	97	0	1	13	7	0	123	1	8	4	0		
351	3	4	7 31 68	57	2	72	109	0	0	16	10	0	175	8	9	7	0		
352	3	4	8 6 68	21	3	62	109	0	1	16	8	4	164	15	9	7	0		
353	3	1	8 6 68	26	1	72	111	0	0	14	8	0	153	37	11	5	0		
354	3	1	8 6 68	11	6	77	74	0	0	12	6	2	124	45	11	5	0		
355	3	3	9 23 68	59	0	52	90	0	0	12	7	4	119	5	8	5	0		
356	3	1	9 25 68	42	1	57	89	0	0	12	6	0	139	24	12	5	0		
357	3	3	9 30 68	27	3	80	90	0	1	14	8	4	143	9	8	6	0		
358	3	2	11 27 68	50	2	62	85	0	1	11	7	0	137	6	9	3	0		
359	3	3	11 27 68	57	0	72	101	0	0	13	8	0	146	8	10	5	0		
360	3	3	11 27 68	57	0	72	116	0	0	14	8	4	152	11	9	8	0		
361	3	1	12 16 68	000	2	77	91	0	1	14	10	5	145	5	9	5	0		
362	3	2	12 19 68	1	2	72	134	0	1	15	8	4	148	23	9	7	0		
363	3	3	2 28 69	54	0	73	100	0	0	18	10	5	117	8	9	7	0		
364	3	2	3 12 69	53	1	74	98	0	1	16	8	5	138	11	8	10	0		
365	3	2	3 13 69	23	2	74	82	0	1	17	4	5	109	8	8	4	0		
366	3	4	3 24 69	8	2	72	110	0	0	15	8	0	131	4	9	8	0		
367	3	4	3 28 69	51	4	76	85	0	1	14	8	5	159	25	9	9	0		
368	3	1	4 3 69	27	7	78	111	0	1	15	7	4	123	7	9	5	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on-study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment Covariates									
										S B	D B	E K	P	G	HG	SZ	SG	AP	BM
369	3	4	4 7 69	52	0	83	88	0	1	16	8	5	100	1	7	6	0		
370	3	2	4 25 69	52	0	80	99	0	1	13	7	4	130	6	9	5	0		
371	3	4	4 30 69	52	0	76	90	0	0	15	8	3	133	52	13	4	0		
372	3	1	4 30 69	45	3	79	126	0	0	13	8	5	154	7	11	7	0		
373	3	2	5 16 69	48	7	76	116	0	1	13	8	4	169	2	9	4	0		
374	3	1	5 20 69	18	1	71	110	0	1	14	8	4	130	7	11	3	0		
375	4	1	4 6 67	2	7	61	95	0	0	12	8	4	115	37	12	256	1		
376	4	4	4 24 67	2	2	77	96	1	1	14	7	4	119	36	10	9	1		
377	4	3	5 10 67	35	3	76	82	0	0	10	6	4	103	10	13	93	1		
378	4	3	5 19 67	75	0	71	106	0	0	15	8	0	141	26	13	100	0		
379	4	1	5 31 67	75	0	77	87	0	0	11	6	1	125	5	11	22	0		
380	4	1	6 22 67	9	4	78	89	0	1	18	8	2	143	39	13	253	1		
381	4	3	8 4 67	39	1	58	92	0	0	12	8	4	137	5	11	108	1		
382	4	4	8 4 67	000	2	74	113	0	1	11	8	4	142	41	13	23	0		
383	4	1	10 6 67	26	3	75	116	0	1	18	9	2	160	26	11	5	1		
384	4	1	10 25 67	17	4	62	102	0	0	18	11	5	146	16	13	101	0		
385	4	2	11 27 67	43	6	80	92	0	0	15	9	4	131	00	13	11	0		
386	4	4	12 4 67	53	1	61	79	1	0	13	8	0	103	14	11	40	0		
387	4	3	12 29 67	47	3	76	98	0	1	17	9	5	134	19	11	38	0		
388	4	2	3 28 68	11	1	79	99	1	0	16	8	4	91	38	13	314	1		
389	4	2	3 28 68	65	0	66	116	0	0	12	8	0	149	18	12	581	0		
390	4	3	3 29 68	16	1	61	83	0	1	12	6	2	136	4	15	385	1		
391	4	4	3 29 68	21	8	79	99	0	0	17	9	4	161	4	13	61	0		
392	4	2	4 23 68	64	0	70	99	0	1	13	7	0	142	11	11	11	0		
393	4	2	7 8 68	7	1	73	105	0	1	15	7	3	156	10	9	11	0		
394	4	4	7 12 68	38	1	72	90	0	0	11	8	4	148	11	15	15	0		
395	4	3	6 24 68	55	1	81	98	0	1	13	6	0	112	38	12	87	1		
396	4	1	6 24 68	5	6	77	92	0	0	15	9	4	115	6	10	6	0		
397	4	2	8 9 68	28	1	76	76	0	0	11	6	4	148	29	13	18	0		
398	4	1	8 16 68	38	1	75	113	0	1	10	6	2	133	9	13	4	1		
399	4	2	8 16 68	20	1	72	79	0	0	14	7	0	122	24	11	72	1		
400	4	4	8 21 68	24	1	74	108	0	0	16	9	0	126	12	13	11	0		
401	4	4	8 23 68	27	1	70	85	0	0	16	8	2	164	9	13	18	0		
402	4	3	9 30 68	31	1	61	91	0	1	14	8	1	107	25	13	1522	1		
403	4	1	10 1 68	9	1	77	116	0	1	14	8	2	152	7	13	470	0		
404	4	3	10 9 68	9	1	60	73	0	0	11	8	-	141	46	13	170	1		
405	4	3	11 12 68	11	8	72	86	1	0	12	7	2	140	50	15	11	0		
406	4	4	11 27 68	56	1	64	104	0	0	17	7	0	120	43	13	24	1		
407	4	1	12 5 68	36	1	78	95	0	0	15	9	4	138	55	10	32	0		
408	4	2	12 16 68	56	0	74	108	0	1	14	8	5	106	4	15	11	0		
409	4	4	12 16 68	15	5	73	83	0	1	12	7	4	112	00	11	42	0		
410	4	4	5 22 69	51	0	71	104	0	0	15	7	3	160	26	11	8	1		
411	3	1	9 25 67	33	3	75	113	0	1	17	9	4	138	9	9	7	0		
412	3	3	10 9 67	70	0	72	105	0	0	13	8	0	138	3	9	8	0		
413	3	4	12 5 67	32	2	68	89	0	1	19	10	4	138	3	9	6	0		
414	3	3	2 13 68	5	5	74	91	0	0	15	8	0	151	3	9	4	0		

Table 46.1 (cont.)

Pat no.	Stage	Rx	Date on- study	Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment Covariates									
										S B P	D B P	E K G	HG	SZ	SG	AP	BM		
415	3	4	3 19 68	23	2	72	93	0	1	16	8	4	166	4	9	2	0		
416	3	1	5 14 68	63	0	79	110	0	0	15	9	5	169	2	9	7	0		
417	3	2	6 5 68	30	1	62	104	0	1	12	8	4	160	32	11	4	0		
418	3	2	6 10 68	12	1	69	92	0	1	17	7	5	155	22	-	9	0		
419	3	1	7 10 68	53	2	62	119	0	0	19	11	4	164	14	9	5	0		
420	3	1	9 11 68	12	2	72	128	0	0	15	8	4	164	15	9	6	0		
421	3	1	10 8 68	58	0	72	109	0	0	13	8	4	133	12	9	6	0		
422	3	3	2 4 69	54	0	51	112	0	0	13	9	0	158	7	8	8	0		
423	3	1	2 19 69	36	1	72	104	0	0	18	10	0	164	4	9	6	0		
424	3	2	3 18 69	20	6	81	104	0	0	15	8	0	169	16	13	8	0		
425	4	4	6 7 67	74	0	71	81	0	0	11	7	5	131	29	11	118	0		
426	4	1	6 19 67	34	1	77	103	0	0	14	7	2	143	35	11	13	0		
427	4	2	10 3 67	70	0	73	114	0	1	14	8	0	147	26	11	5	0		
428	4	1	2 21 68	25	1	56	100	0	0	17	8	4	138	30	11	506	1		
429	4	2	3 6 68	65	0	77	107	0	0	14	9	4	147	1	13	16	0		
430	4	1	4 10 68	4	1	78	104	0	0	16	9	3	127	27	11	226	0		
431	4	3	7 16 68	10	1	76	96	0	0	12	7	5	138	34	11	360	1		
432	4	3	10 10 68	58	0	68	79	0	0	18	9	2	134	9	11	12	0		
433	4	1	10 28 68	37	1	73	90	0	0	14	9	1	94	21	13	51	0		
434	4	4	12 23 68	56	0	56	135	0	0	16	9	0	147	10	10	32	0		
435	4	3	4 15 69	6	1	74	112	0	1	20	10	4	131	9	11	213	1		
436	3	4	6 13 67	54	1	76	84	0	1	15	8	0	126	19	-	4	0		
437	3	4	9 14 67	000	2	69	113	0	1	13	8	0	113	1	9	1	0		
438	3	3	10 24 67	70	0	73	84	0	1	10	6	1	156	1	9	5	0		
439	3	3	10 30 67	70	0	71	105	0	0	12	8	0	136	2	10	2	0		
440	3	2	11 15 67	28	2	75	97	0	1	14	8	5	108	2	9	2	0		
441	3	3	12 27 67	40	2	69	85	0	0	15	7	5	59	2	9	3	0		
442	3	3	1 22 68	67	0	73	95	0	0	11	7	0	138	7	8	4	0		
443	3	2	6 3 68	36	6	59	81	0	0	15	10	0	160	2	9	4	0		
444	3	1	6 3 68	23	6	68	93	0	0	13	7	0	125	2	8	9	0		
445	3	1	6 3 68	23	2	78	115	0	1	14	7	3	130	2	8	1	0		
446	3	1	6 3 68	62	0	63	95	0	0	12	9	0	132	3	8	3	0		
447	3	2	6 14 68	62	0	74	85	0	0	12	9	3	141	2	9	4	0		
448	3	1	6 27 68	62	0	72	103	0	0	16	7	4	143	00	5	4	0		
449	3	4	8 6 68	2	2	78	103	0	0	11	7	5	112	00	6	6	0		
450	3	2	9 5 68	34	1	70	85	0	0	14	9	1	149	2	12	6	0		
451	3	3	10 10 68	4	2	72	101	0	0	14	10	2	164	1	9	8	0		
452	3	2	10 18 68	12	1	76	103	0	1	13	7	5	125	4	8	5	0		
453	3	1	12 4 68	56	0	66	106	0	0	12	9	5	155	4	9	5	0		
454	3	4	12 19 68	1	2	88	99	0	1	13	6	5	141	17	9	7	0		
455	3	4	5 6 69	7	7	78	88	0	1	11	6	5	109	5	9	3	0		
456	4	1	7 3 67	4	1	79	105	0	0	12	7	0	122	5	12	30	0		
457	4	1	10 12 67	70	0	77	106	0	1	15	8	2	160	1	9	22	0		
458	4	4	3 25 68	65	0	71	101	0	0	12	7	0	127	2	10	15	0		
459	4	2	6 27 68	7	1	74	91	0	1	15	8	0	126	8	13	113	0		
460	4	3	7 29 68	30	2	75	124	0	0	15	10	2	132	3	13	17	0		

**Table 46.1** (cont.)

Pat no.	Stage	Rx	Date		Mos FU	Surv stat	Age, yrs	Wt	PF	HX	Pretreatment Covariates									
			on-study								S B	D B	E K	P	P	G	HG	SZ	SG	AP
461	4	2	9 11 68	40	2	77	90	0	1	10	6	3	147	2	12	82	0			
462	4	1	12 19 68	13	2	75	74	0	1	15	9	0	158	4	11	11	0			
463	4	2	2 14 69	22	1	64	110	0	0	16	10	2	93	6	11	63	1			
464	4	3	2 14 69	000	2	79	89	0	0	17	10	3	103	19	13	20	1			
465	4	1	3 21 69	18	1	60	134	2	1	16	8	5	141	9	13	12	0			
466	3	2	9 7 67	64	9	70	107	0	0	14	9	4	141	8	9	2	0			
467	3	4	10 27 67	13	2	73	111	0	1	15	8	4	170	4	9	7	0			
468	3	1	12 8 67	26	1	61	109	0	0	14	9	2	143	3	11	4	0			
469	3	4	1 22 68	1	4	79	97	1	1	16	8	4	136	3	9	6	0			
470	3	1	3 4 68	16	2	78	88	0	0	12	7	-	114	4	9	4	0			
471	3	3	10 3 68	38	7	66	-	-	-	-	-	-	-	1	9	11	9			
472	3	2	12 11 68	33	2	72	106	0	1	13	8	5	165	17	11	6	0			
473	3	3	2 18 69	14	6	76	-	-	-	-	-	-	-	29	9	12	9			
474	3	1	2 18 69	16	2	76	90	0	0	13	8	2	120	5	-	11	0			
475	3	1	3 20 69	53	0	76	-	-	-	-	-	-	-	-	-	6	9			
476	4	2	5 22 67	22	1	51	100	0	0	16	9	0	146	5	13	6	0			
477	4	2	6 6 67	30	1	59	87	0	1	15	9	0	151	32	13	30	0			
478	4	4	7 24 67	53	3	73	91	0	1	16	9	2	146	4	10	32	0			
479	4	2	9 7 67	53	1	74	90	0	1	13	7	2	118	5	13	13	0			
480	4	1	9 7 67	7	1	77	93	2	1	14	9	5	118	43	11	430	1			
481	4	2	10 12 67	61	1	74	95	0	0	15	7	2	135	5	11	244	0			
482	4	1	10 23 67	40	1	60	125	0	0	11	7	0	140	9	11	13	0			
483	4	1	1 22 68	9	2	72	83	0	1	14	8	2	129	18	13	14	1			
484	4	3	3 21 68	14	1	79	88	0	1	12	7	5	86	20	-	14	0			
485	4	3	9 4 68	59	0	50	117	0	0	12	8	0	153	-	13	103	0			
486	4	3	9 27 68	59	0	73	71	0	0	16	8	0	134	3	11	7	1			
487	4	4	10 25 68	7	2	72	110	0	0	14	6	0	137	4	11	21	0			
488	4	2	12 11 68	56	0	60	-	-	-	-	-	-	-	-	11	140	9			
489	4	4	5 28 69	12	1	80	105	2	1	14	7	5	85	6	5	1600	1			
490	4	4	6 27 69	46	3	69	71	1	1	11	8	5	137	5	13	14	1			
491	4	3	6 27 69	50	0	75	116	0	0	14	8	0	160	1	11	45	0			
492	4	4	6 27 69	000	4	71	99	1	1	14	8	3	141	1	11	17	0			
493	3	4	4 10 69	52	0	73	114	0	1	14	8	4	136	8	8	5	0			
494	3	3	4 30 69	19	5	76	99	0	1	15	9	3	160	7	9	2	0			
495	3	1	4 30 69	52	0	73	114	0	0	15	7	0	117	5	9	3	0			
496	3	3	6 2 69	51	0	76	114	0	1	30	18	4	116	6	9	5	0			
497	3	4	6 2 69	51	0	68	98	0	0	14	8	0	134	6	9	7	0			
498	4	2	4 18 69	14	1	64	100	1	0	14	7	0	140	23	11	6	0			
499	4	2	5 23 69	27	1	75	102	0	0	16	8	0	142	5	11	296	0			
500	4	3	5 22 69	51	0	60	123	0	1	14	10	4	145	6	8	5	1			
501	4	4	5 26 69	5	2	73	100	0	1	19	10	0	168	2	11	29	0			
502	3	3	1 10 69	000	5	78	108	0	0	11	6	0	158	9	13	6	0			
503	3	2	3 3 69	41	8	78	127	0	1	16	10	4	158	5	9	5	0			
504	3	3	3 11 69	53	0	77	93	0	0	17	10	3	160	11	9	8	0			
505	4	4	1 24 69	19	1	82	96	0	1	12	6	4	124	32	13	84	0			
506	4	3	5 21 69	4	1	74	97	1	0	15	6	0	212	33	-	222	1			

## 46. COMPARISON OF TREATMENTS FOR PROSTATIC CANCER

\*

-	denotes unknown value
R <sub>x</sub> :Treatment:	1, placebo 2, 0.2 mg. estrogen 3, 1.0 mg. estrogen 4, 5.0 mg. estrogen
Date on-study:	Date of randomization given as month-day-year
Mos FU:	Complete months of follow-up
Survival Status:	Survival status at last visit: 0, alive 1, dead from prostatic cancer 2, dead from heart or vascular disease 3, dead from cerebrovascular accident 4, dead from pulmonary embolus 5, dead from other cancer 6, dead from respiratory disease 7, dead from other specific non-cancer cause 8, dead from unspecified non-cancer cause 9, dead from unknown cause
Age:	89 denotes 89 years or more - denotes age unknown
Wt:	Weight index: Weight in kg. - Height in cm. + 200
PF:	Performance Rating: 0, normal activity 1, in bed less than 50% of daytime 2, in bed more than 50% of daytime 3, confined to bed
HX:	History of cardiovascular disease: 0, no; 1, yes
SBP:	Systolic blood pressure: only hundreds and tens digits are recorded, eg. 95 coded as 9, 122 coded as 12
DBP:	Diastolic blood pressure: coding same as SBP
EKG:	Electrocardiogram code: 0, normal 1, benign 2, rhythmic disturbances and electrolyte changes 3, heart blocks or conduction defects 4, heart strain 5, old myocardial infarct 6, recent myocardial infarct
HG:	Serum haemoglobin in g/100 ml.: coded as a percentage with one implied decimal place. eg., 13.8 coded as 138
SZ:	Size of primary tumour estimated in cm <sup>2</sup> from rectal examination: 00, no palpable tumour
SG:	Combined index of tumour stage and histologic grade
AP:	Serum prostatic acid phosphatase in King-Armstrong units: Coded with one implied decimal place
BM:	Bone metastases: 0, no; 1, yes