

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
1	no-recurrence-events	30-39	premeno	30-34	0-2	no	3	left	left_low	no
2	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	right	right_up	no
3	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	left	left_low	no
4	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	right	left_up	no
5	no-recurrence-events	40-49	premeno	0-4	0-2	no	2	right	right_low	no
6	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	left	left_low	no
7	no-recurrence-events	50-59	premeno	25-29	0-2	no	2	left	left_low	no
8	no-recurrence-events	60-69	ge40	20-24	0-2	no	1	left	left_low	no
9	no-recurrence-events	40-49	premeno	50-54	0-2	no	2	left	left_low	no
10	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	right	left_up	no
11	no-recurrence-events	40-49	premeno	0-4	0-2	no	3	left	central	no
12	no-recurrence-events	50-59	ge40	25-29	0-2	no	2	left	left_low	no
13	no-recurrence-events	60-69	lt40	10-14	0-2	no	1	left	right_up	no
14	no-recurrence-events	50-59	ge40	25-29	0-2	no	3	left	right_up	no
15	no-recurrence-events	40-49	premeno	30-34	0-2	no	3	left	left_up	no
16	no-recurrence-events	60-69	lt40	30-34	0-2	no	1	left	left_low	no
17	no-recurrence-events	40-49	premeno	15-19	0-2	no	2	left	left_low	no
18	no-recurrence-events	50-59	premeno	30-34	0-2	no	3	left	left_low	no
19	no-recurrence-events	60-69	ge40	30-34	0-2	no	3	left	left_low	no
20	no-recurrence-events	50-59	ge40	30-34	0-2	no	1	right	right_up	no
21	no-recurrence-events	50-59	ge40	40-44	0-2	no	2	left	left_low	no
22	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	left	left_low	no
23	no-recurrence-events	30-39	premeno	25-29	0-2	no	2	right	left_low	no
24	no-recurrence-events	50-59	premeno	40-44	0-2	no	2	left	left_up	no
25	no-recurrence-events	50-59	premeno	35-39	0-2	no	2	right	left_up	no
26	no-recurrence-events	40-49	premeno	25-29	0-2	no	2	left	left_up	no
27	no-recurrence-events	50-59	premeno	20-24	0-2	no	1	left	left_low	no
28	no-recurrence-events	60-69	ge40	25-29	0-2	no	3	right	left_up	no
29	no-recurrence-events	40-49	premeno	40-44	0-2	no	2	right	left_low	no
30	no-recurrence-events	60-69	ge40	30-34	0-2	no	2	left	left_low	no
31	no-recurrence-events	50-59	ge40	40-44	0-2	no	3	right	left_up	no
32	no-recurrence-events	50-59	premeno	15-19	0-2	no	2	right	left_low	no
33	no-recurrence-events	50-59	premeno	10-14	0-2	no	3	left	left_low	no
34	no-recurrence-events	50-59	ge40	10-14	0-2	no	1	right	left_up	no
35	no-recurrence-events	50-59	ge40	10-14	0-2	no	1	left	left_up	no
36	no-recurrence-events	30-39	premeno	30-34	0-2	no	2	left	left_up	no
37	no-recurrence-events	50-59	ge40	0-4	0-2	no	2	left	central	no
38	no-recurrence-events	50-59	ge40	15-19	0-2	no	1	right	central	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
39	no-recurrence-events	40-49	premeno	10-14	0-2	no	2	left	left_low	no
40	no-recurrence-events	40-49	premeno	30-34	0-2	no	1	left	left_low	no
41	no-recurrence-events	50-59	ge40	20-24	0-2	no	1	right	left_low	no
42	no-recurrence-events	60-69	ge40	25-29	0-2	no	2	left	left_low	no
43	no-recurrence-events	60-69	ge40	5-9	0-2	no	1	left	central	no
44	no-recurrence-events	40-49	premeno	10-14	0-2	no	2	left	left_up	no
45	no-recurrence-events	50-59	ge40	50-54	0-2	no	1	right	right_up	no
46	no-recurrence-events	50-59	ge40	30-34	0-2	no	1	left	left_up	no
47	no-recurrence-events	40-49	premeno	25-29	0-2	no	2	right	left_low	no
48	no-recurrence-events	50-59	premeno	25-29	0-2	no	1	right	left_up	no
49	no-recurrence-events	40-49	premeno	20-24	0-2	no	1	right	right_up	no
50	no-recurrence-events	40-49	premeno	20-24	0-2	no	1	right	left_low	no
51	no-recurrence-events	50-59	lt40	15-19	0-2	no	2	left	left_low	no
52	no-recurrence-events	30-39	premeno	20-24	0-2	no	2	left	right_low	no
53	no-recurrence-events	50-59	premeno	15-19	0-2	no	1	left	left_low	no
54	no-recurrence-events	70-79	ge40	20-24	0-2	no	3	left	left_up	no
55	no-recurrence-events	70-79	ge40	40-44	0-2	no	1	right	left_up	no
56	no-recurrence-events	70-79	ge40	40-44	0-2	no	1	right	right_up	no
57	no-recurrence-events	50-59	ge40	0-4	0-2	no	1	right	central	no
58	no-recurrence-events	50-59	ge40	5-9	0-2	no	2	right	right_up	no
59	no-recurrence-events	60-69	ge40	30-34	0-2	no	1	left	left_up	no
60	no-recurrence-events	60-69	ge40	15-19	0-2	no	1	right	left_up	no
61	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	left	central	no
62	no-recurrence-events	40-49	premeno	10-14	0-2	no	1	right	right_low	no
63	no-recurrence-events	50-59	ge40	0-4	0-2	no	1	left	left_low	no
64	no-recurrence-events	20-29	premeno	35-39	0-2	no	2	right	right_up	no
65	no-recurrence-events	40-49	premeno	25-29	0-2	no	1	left	right_low	no
66	no-recurrence-events	40-49	premeno	10-14	0-2	no	1	right	left_up	no
67	no-recurrence-events	40-49	premeno	25-29	0-2	no	1	right	right_low	no
68	no-recurrence-events	50-59	ge40	20-24	0-2	no	3	left	left_up	no
69	no-recurrence-events	50-59	ge40	35-39	0-2	no	3	left	left_low	no
70	no-recurrence-events	60-69	ge40	50-54	0-2	no	2	left	left_low	no
71	no-recurrence-events	60-69	ge40	10-14	0-2	no	1	left	left_low	no
72	no-recurrence-events	40-49	premeno	25-29	0-2	no	2	right	left_up	no
73	no-recurrence-events	60-69	ge40	20-24	0-2	no	2	left	left_up	no
74	no-recurrence-events	50-59	premeno	15-19	0-2	no	2	right	right_low	no
75	no-recurrence-events	30-39	premeno	5-9	0-2	no	2	left	right_low	no
76	no-recurrence-events	50-59	ge40	10-14	0-2	no	1	left	left_low	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
77	no-recurrence-events	50-59	ge40	10-14	0-2	no	2	left	left_low	no
78	no-recurrence-events	30-39	premeno	25-29	0-2	no	1	left	central	no
79	no-recurrence-events	50-59	premeno	25-29	0-2	no	2	left	left_low	no
80	no-recurrence-events	40-49	premeno	25-29	0-2	no	2	right	central	no
81	no-recurrence-events	50-59	ge40	10-14	0-2	no	2	right	left_low	no
82	no-recurrence-events	60-69	ge40	10-14	0-2	no	1	left	left_up	no
83	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	right	left_low	no
84	no-recurrence-events	50-59	ge40	15-19	0-2	no	2	right	left_low	no
85	no-recurrence-events	40-49	premeno	20-24	0-2	no	1	left	right_low	no
86	no-recurrence-events	50-59	ge40	35-39	0-2	no	3	left	left_up	no
87	no-recurrence-events	60-69	ge40	25-29	0-2	no	2	right	left_low	no
88	no-recurrence-events	70-79	ge40	0-4	0-2	no	1	left	right_low	no
89	no-recurrence-events	50-59	ge40	20-24	0-2	no	3	right	left_up	no
90	no-recurrence-events	40-49	premeno	40-44	0-2	no	1	right	left_up	no
91	no-recurrence-events	30-39	premeno	0-4	0-2	no	2	right	central	no
92	no-recurrence-events	50-59	ge40	20-24	0-2	no	3	left	left_up	no
93	no-recurrence-events	50-59	ge40	25-29	0-2	no	2	right	left_up	no
94	no-recurrence-events	60-69	ge40	20-24	0-2	no	2	right	left_up	no
95	no-recurrence-events	50-59	premeno	10-14	0-2	no	1	left	left_low	no
96	no-recurrence-events	40-49	premeno	30-34	0-2	no	2	right	right_low	no
97	no-recurrence-events	60-69	ge40	30-34	0-2	no	2	left	left_up	no
98	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	right	left_up	no
99	no-recurrence-events	40-49	premeno	30-34	0-2	no	1	left	right_up	no
100	no-recurrence-events	30-39	premeno	25-29	0-2	no	2	left	left_low	no
101	no-recurrence-events	40-49	ge40	20-24	0-2	no	3	left	left_low	no
102	no-recurrence-events	50-59	ge40	30-34	0-2	no	3	right	left_low	no
103	no-recurrence-events	50-59	premeno	25-29	0-2	no	2	right	right_low	no
104	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	left	right_low	no
105	no-recurrence-events	40-49	premeno	10-14	0-2	no	2	right	left_low	no
106	no-recurrence-events	40-49	premeno	30-34	0-2	no	1	right	left_up	no
107	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	left	left_up	no
108	no-recurrence-events	30-39	premeno	40-44	0-2	no	2	right	right_up	no
109	no-recurrence-events	40-49	premeno	30-34	0-2	no	3	right	right_up	no
110	no-recurrence-events	60-69	ge40	30-34	0-2	no	1	right	left_up	no
111	no-recurrence-events	50-59	ge40	25-29	0-2	no	1	left	left_low	no
112	no-recurrence-events	50-59	ge40	15-19	0-2	no	1	right	central	no
113	no-recurrence-events	40-49	premeno	20-24	0-2	no	2	right	left_up	no
114	no-recurrence-events	40-49	premeno	10-14	0-2	no	1	right	left_up	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
115	no-recurrence-events	40-49	premeno	35-39	0-2	no	2	right	right_up	no
116	no-recurrence-events	50-59	ge40	20-24	0-2	no	2	right	left_up	no
117	no-recurrence-events	30-39	premeno	15-19	0-2	no	1	left	left_low	no
118	no-recurrence-events	40-49	ge40	20-24	0-2	no	3	left	left_up	no
119	no-recurrence-events	30-39	premeno	10-14	0-2	no	1	right	left_low	no
120	no-recurrence-events	60-69	ge40	15-19	0-2	no	1	left	right_low	no
121	no-recurrence-events	60-69	ge40	20-24	0-2	no	1	left	left_low	no
122	no-recurrence-events	50-59	ge40	15-19	0-2	no	2	right	right_up	no
123	no-recurrence-events	50-59	ge40	40-44	0-2	no	3	left	left_up	no
124	no-recurrence-events	50-59	ge40	30-34	0-2	no	1	right	left_low	no
125	no-recurrence-events	60-69	ge40	10-14	0-2	no	1	right	left_low	no
126	no-recurrence-events	70-79	ge40	10-14	0-2	no	2	left	central	no
127	no-recurrence-events	30-39	premeno	30-34	6-8	ye	2	right	right_up	no
128	no-recurrence-events	30-39	premeno	25-29	6-8	ye	2	right	left_up	ye
129	no-recurrence-events	50-59	premeno	25-29	0-2	ye	2	left	left_up	no
130	no-recurrence-events	40-49	premeno	35-39	9-1	ye	2	right	left_up	ye
131	no-recurrence-events	40-49	premeno	35-39	9-1	ye	2	right	right_up	ye
132	no-recurrence-events	40-49	premeno	40-44	3-5	ye	3	right	left_up	ye
133	no-recurrence-events	40-49	premeno	30-34	6-8	no	2	left	left_up	no
134	no-recurrence-events	50-59	ge40	40-44	0-2	no	3	left	right_up	no
135	no-recurrence-events	60-69	ge40	30-34	0-2	no	2	left	left_low	ye
136	no-recurrence-events	30-39	premeno	20-24	3-5	no	2	right	central	no
137	no-recurrence-events	30-39	premeno	40-44	3-5	no	3	right	right_up	ye
138	no-recurrence-events	40-49	premeno	5-9	0-2	no	1	left	left_low	ye
139	no-recurrence-events	30-39	premeno	40-44	0-2	no	2	left	left_low	ye
140	no-recurrence-events	40-49	premeno	30-34	0-2	no	2	left	right_low	no
141	no-recurrence-events	50-59	ge40	40-44	3-5	ye	2	left	left_low	no
142	no-recurrence-events	50-59	premeno	20-24	3-5	ye	2	left	left_low	no
143	no-recurrence-events	60-69	ge40	10-14	0-2	no	1	left	left_up	no
144	no-recurrence-events	40-49	premeno	45-49	0-2	no	2	left	left_low	ye
145	no-recurrence-events	60-69	ge40	45-49	6-8	ye	3	left	central	no
146	no-recurrence-events	40-49	premeno	25-29	0-2	?	2	left	right_low	ye
147	no-recurrence-events	60-69	ge40	50-54	0-2	no	2	right	left_up	ye
148	no-recurrence-events	50-59	premeno	30-34	3-5	ye	2	left	left_low	ye
149	no-recurrence-events	30-39	premeno	20-24	0-2	no	3	left	central	no
150	no-recurrence-events	50-59	lt40	30-34	0-2	no	3	right	left_up	no
151	no-recurrence-events	50-59	ge40	25-29	15-	ye	3	right	left_up	no
152	no-recurrence-events	60-69	ge40	30-34	3-5	ye	3	left	left_low	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
153	no-recurrence-events	50-59	ge40	35-39	15-	no	3	left	left_low	no
154	no-recurrence-events	60-69	ge40	15-19	0-2	no	3	right	left_up	ye
155	no-recurrence-events	30-39	lt40	15-19	0-2	no	3	right	left_up	no
156	no-recurrence-events	60-69	ge40	40-44	3-5	no	2	right	left_up	ye
157	no-recurrence-events	50-59	ge40	25-29	3-5	ye	3	right	left_up	no
158	no-recurrence-events	50-59	premeno	30-34	0-2	no	1	left	central	no
159	no-recurrence-events	50-59	ge40	30-34	0-2	no	1	right	central	no
160	no-recurrence-events	40-49	premeno	35-39	0-2	no	1	left	left_low	no
161	no-recurrence-events	40-49	premeno	25-29	0-2	no	3	right	left_up	ye
162	no-recurrence-events	40-49	premeno	30-34	3-5	ye	2	right	left_low	no
163	no-recurrence-events	60-69	ge40	10-14	0-2	no	2	right	left_up	ye
164	no-recurrence-events	60-69	ge40	25-29	3-5	?	1	right	left_up	ye
165	no-recurrence-events	60-69	ge40	25-29	3-5	?	1	right	left_low	ye
166	no-recurrence-events	40-49	premeno	20-24	3-5	no	2	right	left_up	no
167	no-recurrence-events	40-49	premeno	20-24	3-5	no	2	right	left_low	no
168	no-recurrence-events	40-49	ge40	40-44	15-	ye	2	right	left_up	ye
169	no-recurrence-events	50-59	premeno	10-14	0-2	no	2	right	left_up	no
170	no-recurrence-events	40-49	ge40	30-34	0-2	no	2	left	left_up	ye
171	no-recurrence-events	30-39	premeno	20-24	3-5	ye	2	right	left_up	ye
172	no-recurrence-events	30-39	premeno	15-19	0-2	no	1	left	left_low	no
173	no-recurrence-events	60-69	ge40	30-34	6-8	ye	2	right	right_up	no
174	no-recurrence-events	50-59	ge40	20-24	3-5	ye	2	right	left_up	no
175	no-recurrence-events	50-59	premeno	25-29	3-5	ye	2	left	left_low	ye
176	no-recurrence-events	40-49	premeno	30-34	0-2	no	2	right	right_up	ye
177	no-recurrence-events	40-49	ge40	25-29	0-2	no	2	left	left_low	no
178	no-recurrence-events	60-69	ge40	10-14	0-2	no	2	left	left_low	no
179	no-recurrence-events	50-59	premeno	25-29	3-5	no	2	right	left_up	ye
180	no-recurrence-events	40-49	premeno	20-24	0-2	no	3	right	left_low	ye
181	no-recurrence-events	40-49	premeno	35-39	0-2	ye	3	right	left_up	ye
182	no-recurrence-events	40-49	premeno	35-39	0-2	ye	3	right	left_low	ye
183	no-recurrence-events	40-49	premeno	25-29	0-2	no	1	right	left_low	ye
184	no-recurrence-events	50-59	ge40	30-34	9-1	?	3	left	left_up	ye
185	no-recurrence-events	50-59	ge40	30-34	9-1	?	3	left	left_low	ye
186	no-recurrence-events	40-49	premeno	20-24	6-8	no	2	right	left_low	ye
187	no-recurrence-events	50-59	ge40	25-29	0-2	no	1	left	right_low	no
188	no-recurrence-events	60-69	ge40	15-19	0-2	no	2	left	left_up	ye
189	no-recurrence-events	40-49	premeno	10-14	0-2	no	2	right	left_up	no
190	no-recurrence-events	50-59	ge40	20-24	0-2	ye	2	right	left_up	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
191	no-recurrence-events	40-49	premeno	15-19	12-	no	3	right	right_low	ye
192	no-recurrence-events	40-49	premeno	25-29	0-2	no	2	left	left_up	ye
193	no-recurrence-events	50-59	ge40	30-34	6-8	ye	2	left	left_low	no
194	no-recurrence-events	30-39	premeno	10-14	0-2	no	2	left	right_low	no
195	no-recurrence-events	50-59	premeno	50-54	0-2	ye	2	right	left_up	ye
196	no-recurrence-events	50-59	ge40	35-39	0-2	no	2	left	left_up	no
197	no-recurrence-events	50-59	premeno	10-14	3-5	no	1	right	left_up	no
198	no-recurrence-events	40-49	premeno	10-14	0-2	no	2	left	left_low	ye
199	no-recurrence-events	50-59	ge40	15-19	0-2	ye	2	left	central	ye
200	no-recurrence-events	50-59	premeno	25-29	0-2	no	1	left	left_low	no
201	no-recurrence-events	60-69	ge40	25-29	0-2	no	3	right	left_low	no
202	recurrence-events	50-59	premeno	15-19	0-2	no	2	left	left_low	no
203	recurrence-events	40-49	premeno	40-44	0-2	no	1	left	left_low	no
204	recurrence-events	50-59	ge40	35-39	0-2	no	2	left	left_low	no
205	recurrence-events	50-59	premeno	25-29	0-2	no	2	left	right_up	no
206	recurrence-events	30-39	premeno	0-4	0-2	no	2	right	central	no
207	recurrence-events	50-59	ge40	30-34	0-2	no	3	left	?	no
208	recurrence-events	50-59	premeno	25-29	0-2	no	2	left	right_up	no
209	recurrence-events	50-59	premeno	30-34	0-2	no	3	left	right_up	no
210	recurrence-events	40-49	premeno	35-39	0-2	no	1	right	left_up	no
211	recurrence-events	40-49	premeno	20-24	0-2	no	2	left	left_low	no
212	recurrence-events	50-59	ge40	20-24	0-2	no	2	right	central	no
213	recurrence-events	40-49	premeno	30-34	0-2	no	3	right	right_up	no
214	recurrence-events	50-59	premeno	25-29	0-2	no	1	right	left_up	no
215	recurrence-events	60-69	ge40	40-44	0-2	no	2	right	left_low	no
216	recurrence-events	40-49	ge40	20-24	0-2	no	2	right	left_up	no
217	recurrence-events	50-59	ge40	20-24	0-2	no	2	left	left_up	no
218	recurrence-events	40-49	premeno	15-19	0-2	no	2	left	left_up	no
219	recurrence-events	60-69	ge40	30-34	0-2	no	3	right	central	no
220	recurrence-events	30-39	premeno	15-19	0-2	no	1	right	left_low	no
221	recurrence-events	40-49	premeno	25-29	0-2	no	3	left	right_up	no
222	recurrence-events	30-39	premeno	30-34	0-2	no	1	right	left_up	no
223	recurrence-events	60-69	ge40	25-29	0-2	no	3	left	right_low	ye
224	recurrence-events	60-69	ge40	20-24	0-2	no	3	right	left_low	no
225	recurrence-events	30-39	premeno	25-29	3-5	ye	3	left	left_low	ye
226	recurrence-events	40-49	ge40	20-24	3-5	no	3	right	left_low	ye
227	recurrence-events	40-49	premeno	30-34	15-	ye	3	left	left_low	no
228	recurrence-events	50-59	premeno	30-34	0-2	no	3	right	left_up	ye

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malig	breast	breast_quad	irradiat
229	recurrence-events	60-69	ge40	40-44	3-5	ye	3	right	left_low	no
230	recurrence-events	60-69	ge40	45-49	0-2	no	1	right	right_up	ye
231	recurrence-events	50-59	premeno	50-54	9-1	ye	2	right	left_up	no
232	recurrence-events	40-49	premeno	30-34	3-5	no	2	right	left_up	no
233	recurrence-events	30-39	premeno	30-34	3-5	no	3	right	left_up	ye
234	recurrence-events	70-79	ge40	15-19	9-1	?	1	left	left_low	ye
235	recurrence-events	60-69	ge40	30-34	0-2	no	3	right	left_up	ye
236	recurrence-events	50-59	premeno	25-29	3-5	ye	3	left	left_low	ye
237	recurrence-events	40-49	premeno	25-29	0-2	no	2	right	left_low	no
238	recurrence-events	40-49	premeno	25-29	0-2	no	2	right	left_low	no
239	recurrence-events	30-39	premeno	35-39	0-2	no	3	left	left_low	no
240	recurrence-events	40-49	premeno	20-24	3-5	ye	2	right	right_up	ye
241	recurrence-events	60-69	ge40	20-24	3-5	no	2	left	left_low	ye
242	recurrence-events	40-49	premeno	15-19	15-	ye	3	left	left_low	no
243	recurrence-events	50-59	ge40	25-29	6-8	no	3	left	left_low	ye
244	recurrence-events	50-59	ge40	20-24	3-5	ye	3	right	right_up	no
245	recurrence-events	40-49	premeno	30-34	12-	ye	3	left	left_up	ye
246	recurrence-events	30-39	premeno	30-34	9-1	no	2	right	left_up	ye
247	recurrence-events	30-39	premeno	15-19	6-8	ye	3	left	left_low	ye
248	recurrence-events	50-59	ge40	30-34	9-1	ye	3	left	right_low	ye
249	recurrence-events	60-69	ge40	35-39	6-8	ye	3	left	left_low	no
250	recurrence-events	30-39	premeno	20-24	3-5	ye	2	left	left_low	no
251	recurrence-events	40-49	premeno	25-29	0-2	no	3	left	left_up	no
252	recurrence-events	40-49	premeno	50-54	0-2	no	2	right	left_low	ye
253	recurrence-events	30-39	premeno	40-44	0-2	no	1	left	left_up	no
254	recurrence-events	60-69	ge40	50-54	0-2	no	3	right	left_up	no
255	recurrence-events	40-49	premeno	30-34	0-2	ye	3	right	right_up	no
256	recurrence-events	40-49	premeno	30-34	6-8	ye	3	right	left_up	no
257	recurrence-events	40-49	premeno	30-34	0-2	no	1	left	left_low	ye
258	recurrence-events	40-49	premeno	20-24	3-5	ye	2	left	left_low	ye
259	recurrence-events	50-59	ge40	30-34	6-8	ye	2	left	right_low	ye
260	recurrence-events	50-59	ge40	30-34	3-5	no	3	right	left_up	no
261	recurrence-events	60-69	ge40	25-29	3-5	no	2	right	right_up	no
262	recurrence-events	40-49	ge40	25-29	12-	ye	3	left	right_low	ye
263	recurrence-events	60-69	ge40	25-29	0-2	no	3	left	left_up	no
264	recurrence-events	50-59	lt40	20-24	0-2	?	1	left	left_up	no
265	recurrence-events	50-59	lt40	20-24	0-2	?	1	left	left_low	no
266	recurrence-events	30-39	premeno	35-39	9-1	ye	3	left	left_low	no

Obs	class	age	menopause	tumor_size	inv_nodes	node_caps	deg_malign	breast	breast_quad	irradiat
267	recurrence-events	40-49	premeno	30-34	3-5	ye	2	left	right_up	no
268	recurrence-events	60-69	ge40	20-24	24-	ye	3	left	left_low	ye
269	recurrence-events	30-39	premeno	35-39	0-2	no	3	left	left_low	no
270	recurrence-events	40-49	premeno	25-29	0-2	no	2	left	left_low	ye
271	recurrence-events	50-59	ge40	30-34	6-8	ye	3	left	right_low	no
272	recurrence-events	50-59	premeno	25-29	0-2	no	3	right	left_low	ye
273	recurrence-events	40-49	premeno	15-19	0-2	ye	3	right	left_up	no
274	recurrence-events	60-69	ge40	30-34	0-2	ye	2	right	right_up	ye
275	recurrence-events	60-69	ge40	30-34	3-5	ye	2	left	central	ye
276	recurrence-events	40-49	premeno	25-29	9-1	ye	3	right	left_up	no
277	recurrence-events	30-39	premeno	25-29	6-8	ye	3	left	right_low	ye
278	recurrence-events	60-69	ge40	10-14	6-8	ye	3	left	left_up	ye
279	recurrence-events	50-59	premeno	35-39	15-	ye	3	right	right_up	no
280	recurrence-events	50-59	ge40	40-44	6-8	ye	3	left	left_low	ye
281	recurrence-events	50-59	ge40	40-44	6-8	ye	3	left	left_low	ye
282	recurrence-events	30-39	premeno	30-34	0-2	no	2	left	left_up	no
283	recurrence-events	30-39	premeno	20-24	0-2	no	3	left	left_up	ye
284	recurrence-events	60-69	ge40	20-24	0-2	no	1	right	left_up	no
285	recurrence-events	40-49	ge40	30-34	3-5	no	3	left	left_low	no
286	recurrence-events	50-59	ge40	30-34	3-5	no	3	left	left_low	no

The HPSPLIT Procedure

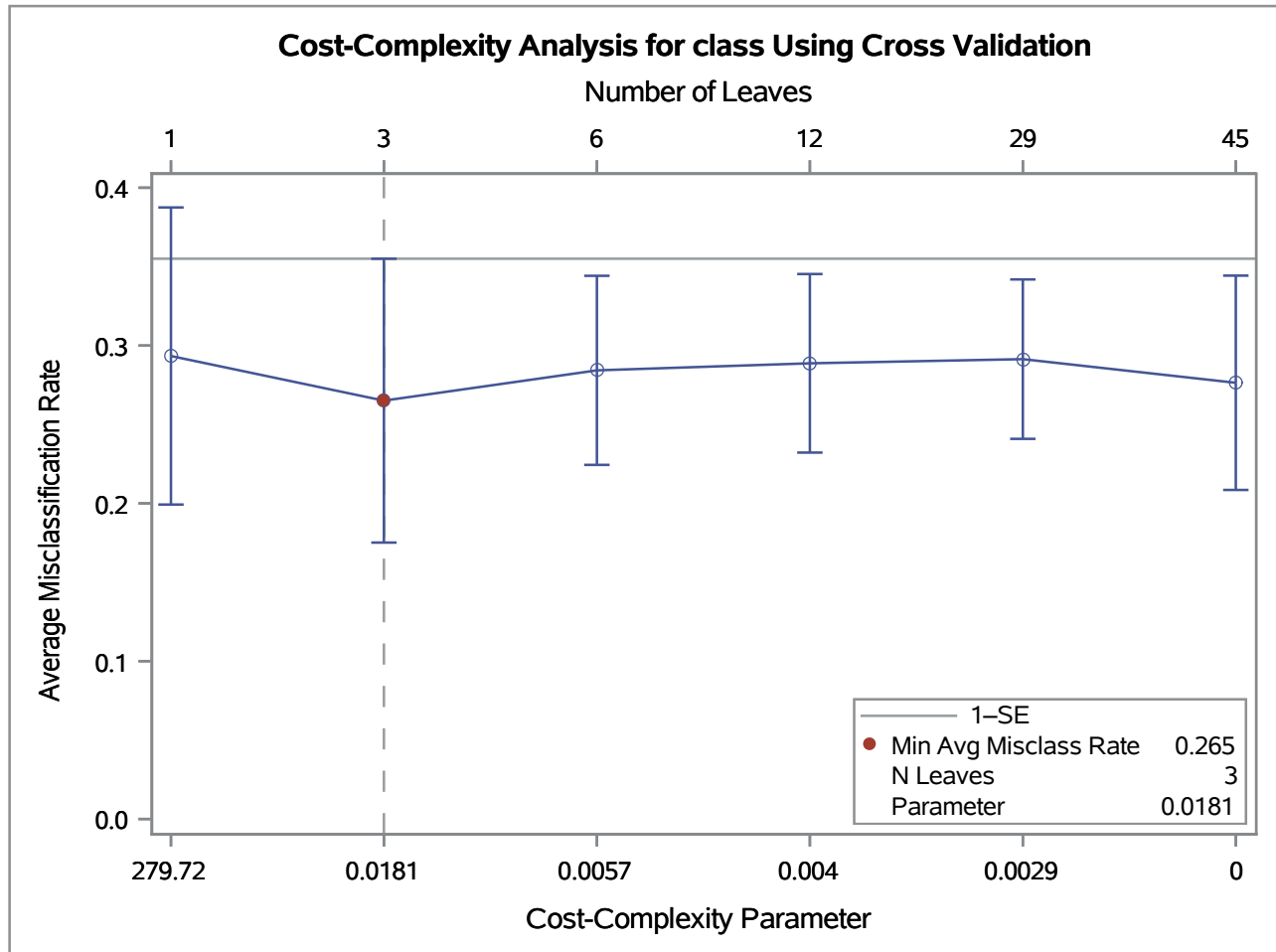
Performance Information	
Execution Mode	Single-Machine
Number of Threads	2

Data Access Information			
Data	Engine	Role	Path
WORK.CANCER	V9	Input	On Client

Model Information	
Split Criterion Used	Entropy
Pruning Method	Cost-Complexity
Subtree Evaluation Criterion	Cost-Complexity
Number of Branches	2
Maximum Tree Depth Requested	10
Maximum Tree Depth Achieved	10
Tree Depth	2
Number of Leaves Before Pruning	51
Number of Leaves After Pruning	3
Model Event Level	no-recurrence-events

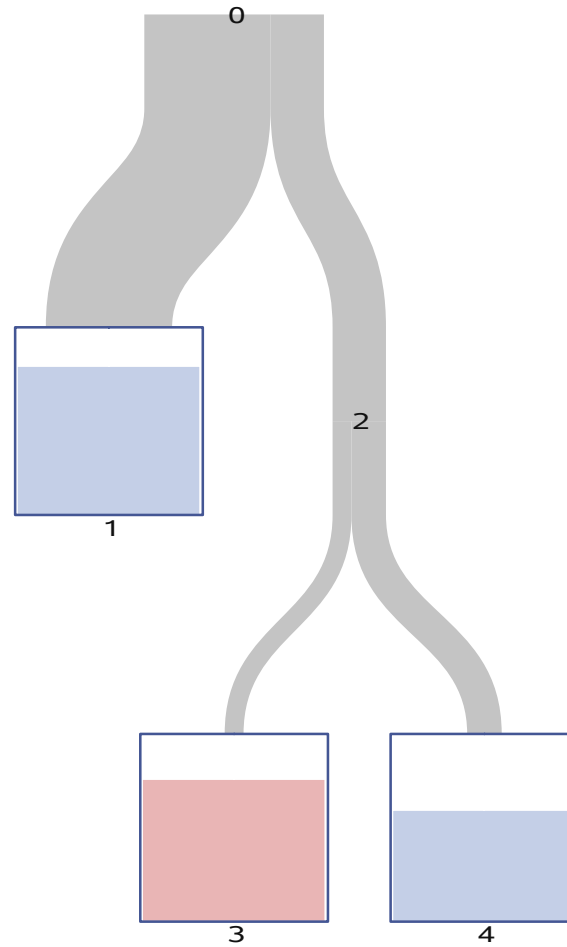
Number of Observations Read	286
Number of Observations Used	286

The HPSPLIT Procedure



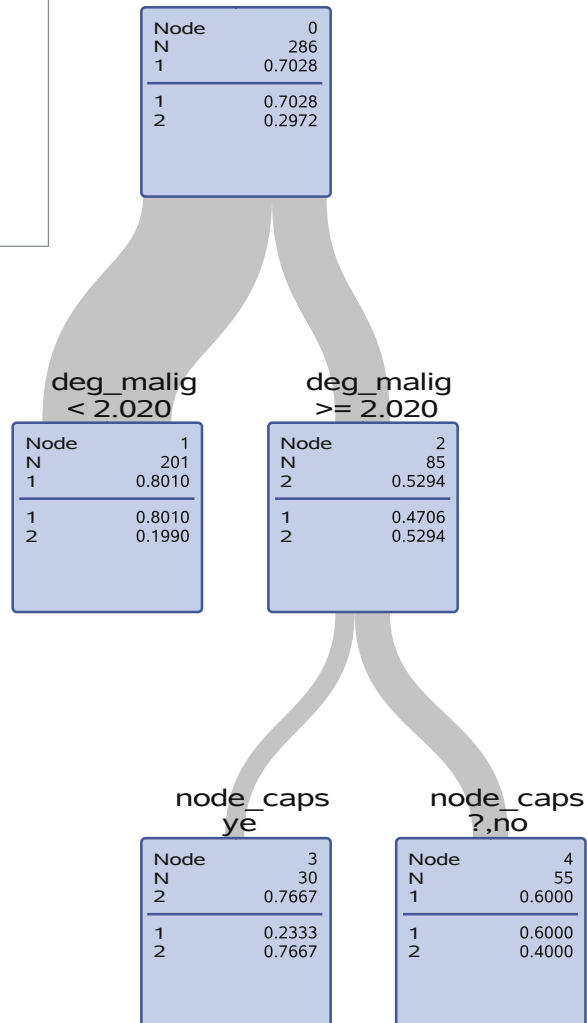
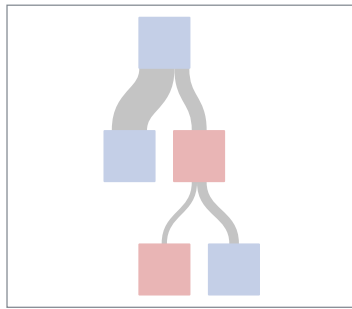
The HPSPLIT Procedure

Classification Tree for class



The HPSPLIT Procedure

Subtree Starting at Node=0

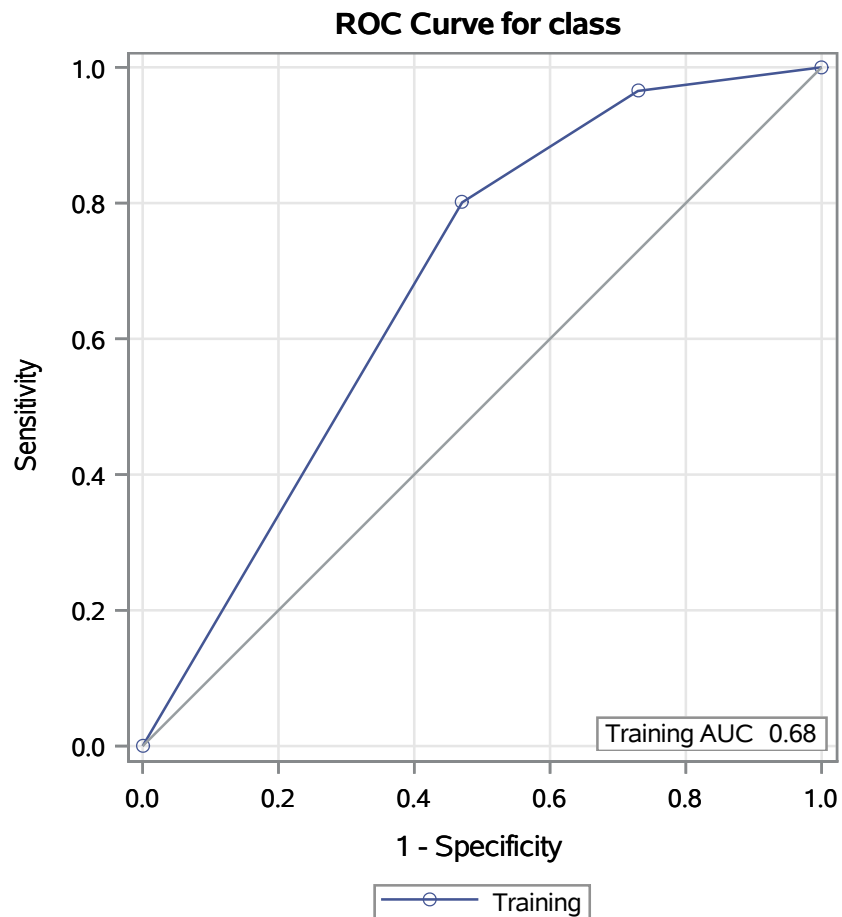


class	1=no-recurrence-events	2=recurrence-events
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The HPSPLIT Procedure

Model-Based Confusion Matrix			
Actual	Predicted		Error Rate
	no-recurrence-events	recurrence-events	
no-recurrence-events	194	7	0.0348
recurrence-events	62	23	0.7294

Model-Based Fit Statistics for Selected Tree								
N Leaves	ASE	Mis-class	Sensitivity	Specificity	Entropy	Gini	RSS	AUC
3	0.1769	0.2413	0.9652	0.2706	0.7749	0.3539	101.2	0.6829



Variable Importance			
Variable	Training		Count
	Relative	Importance	
deg_malign	1.0000	3.6115	1
node_caps	0.6326	2.2846	1