

Supplementary Table S4:

The distribution of nodes with extracapsular extension, central necrosis, and three or more contiguous confluent LRPNs in MRI and overt avid in FDG-PET corresponding to the real nature of nodes decided by radiotherapy response (ratio). ENE = extracapsular extension; CN = central necrosis; grouping = three or more contiguous confluent.

Node#	ENE	CN	Grouping	Ratio	Real answer	SUV _{mean}	Overt FDG avid
1	1	1	1	0.261	1	6.4	1
2	1	1	1	0.117	1	3.24	0
3	0	0	0	0.597	0	1.14	0
4	0	0	0	0.986	0	2.21	0
5	0	0	0	1.093	0	2	0
6	0	0	0	0.996	0	1.36	0
7	1	1	1	0.238	1	13.68	1
8	0	0	0	0.771	0	1.22	0
9	0	0	0	0.581	0	1.37	0
10	0	0	0	0.195	1	1.52	0
11	0	0	0	0.702	0	1.78	0
12	0	0	0	0.901	0	2.56	0
13	0	0	0	1.093	0	1.33	0
14	0	0	0	0.629	0	1.22	0
15	0	0	0	0.897	0	1.34	0
16	0	0	0	0.674	0	0.91	0
17	0	0	0	0.525	0	1.95	0
18	1	1	1	0.122	1	4.01	1
19	1	1	1	0.138	1	2.6	0
20	0	0	0	0.524	0	1.12	0
21	0	0	0	0.887	0	1.44	0
22	0	0	0	0.939	0	0.98	0
23	0	0	0	0.167	1	2.71	0
24	1	1	1	0.249	1	6.39	1
25	0	0	0	0.766	0	2.19	0
26	0	0	0	0.449	1	3.3	0
27	0	0	0	0.483	1	4.25	1
28	0	0	0	0.546	0	1.43	0
29	1	1	1	0.223	1	8.68	1
30	0	1	1	0.442	1	3.12	0

31	0	0	0	1.054	0	1.88	0
32	0	0	0	1.167	0	1.82	0
33	1	0	0	0.485	1	2.3	0
34	0	0	0	1.067	0	1.95	0
35	0	0	0	0.685	0	1.6	0
36	0	0	0	0.645	0	2.17	0
37	0	0	0	0.919	0	1.9	0
38	0	0	0	0.796	0	2.15	0
39	1	1	1	0.314	1	1.64	0
40	1	1	1	0.224	1	2.69	0
41	0	0	0	0.647	0	1.03	0
42	0	0	0	0.680	0	1.36	0
43	1	1	1	0.373	1	2.6	0
44	0	0	0	1.158	0	1.36	0
45	0	0	0	0.216	1	3.23	0
46	0	0	0	1.048	0	1.35	0
47	0	1	1	0.256	1	4.06	1
48	0	0	0	0.693	0	1.14	0
49	1	1	1	0.115	1	7.71	1
50	0	0	1	0.682	0	1.05	0
51	0	1	1	0.394	1	2.81	0
52	0	1	1	0.066	1	2.62	0
53	0	1	1	0.447	1	1.89	0
54	0	0	0	0.885	0	1.62	0
55	0	0	1	0.471	1	2.5	0
56	1	1	1	0.496	1	6.08	1
57	0	0	0	0.687	0	1.66	0
58	0	0	0	0.700	0	1.72	0
59	1	1	0	0.107	1	4.41	1
60	1	1	0	0.294	1	2.91	0
61	0	0	0	0.558	0	2.42	0
62	0	0	0	0.930	0	1.73	0
63	1	1	0	0.268	1	4.8	1
64	0	0	0	0.290	1	3.53	1
65	0	1	0	0.403	1	2.3	0
66	0	0	0	0.911	0	1.15	0
67	1	1	1	0.104	1	4.5	1
68	0	0	0	1.090	0	1.71	0

69	1	1	1	0.173	1	8.13	1
70	0	0	0	0.611	0	1.42	0
71	0	0	0	0.658	0	2.15	0
72	1	0	1	0.499	1	1.87	0
73	0	0	0	0.715	0	1.6	0
74	1	0	0	0.222	1	9.69	1
75	0	0	0	0.472	1	4.05	1
76	0	0	0	0.681	0	2.17	0
77	1	1	0	0.159	1	10.67	1
78	0	0	0	0.855	0	1.54	0
79	0	0	0	1.006	0	1.38	0
80	0	0	0	0.861	0	2	0
81	0	0	0	0.843	0	1.85	0
82	0	0	0	0.967	0	1.61	0
83	0	0	0	0.994	0	2.48	0
84	0	0	0	1.052	0	1.6	0
85	0	0	0	0.929	0	2.36	0
86	0	0	0	0.626	0	1.81	0
87	1	1	0	0.172	1	5.39	1
88	1	1	0	0.412	1	3.65	1
89	1	1	1	0.098	1	3.89	1
90	0	0	0	0.517	0	1.68	0
91	0	0	0	0.326	1	2.74	0
92	0	0	0	0.661	0	1.49	0
93	1	0	0	0.239	1	5.22	1
94	0	0	0	1.232	0	2.02	0
95	0	0	0	0.671	0	1.31	0
96	0	0	0	0.850	0	1.55	0
97	0	0	0	0.863	0	1.6	0
98	0	0	0	0.884	0	1.87	0
99	1	1	0	0.367	1	9.91	1
100	0	0	0	0.461	1	3.91	1
101	1	1	0	0.280	1	2.76	0
102	0	0	0	0.788	0	1.57	0
103	0	0	0	0.766	0	1.48	0
104	0	0	0	0.609	0	1.85	0
105	0	0	0	0.340	1	2.22	0
106	0	0	0	0.309	1	1.77	0

107	0	0	0	0.189	1	5.69	1
108	0	0	0	0.862	0	1.38	0
109	0	0	0	0.632	0	1.53	0
110	0	0	0	0.943	0	1.55	0
111	0	0	0	0.733	0	1.1	0
112	0	1	0	0.319	1	2.2	0
113	1	1	1	0.485	1	4.98	1
114	0	0	0	0.612	0	1.13	0
115	0	0	0	0.748	0	1.73	0
116	1	1	0	0.198	1	4.41	1
117	0	0	0	0.890	0	1.48	0
118	0	0	0	0.934	0	1.7	0
119	1	1	0	0.110	1	5.89	1
120	0	0	0	0.532	0	1.26	0
121	0	0	0	0.647	0	1.34	0
122	0	0	0	1.017	0	1.48	0
123	0	0	0	0.567	0	1.61	0
124	1	1	0	0.136	1	10.09	1
125	1	1	1	0.110	1	10.32	1
126	0	1	0	0.222	1	9.00	1
127	0	1	0	0.347	1	2.71	0
128	0	0	0	0.566	0	5.29	1
129	0	0	0	0.625	0	2.88	0
130	0	0	0	0.349	1	2.2	0
131	1	1	1	0.397	1	3.49	0
132	1	1	0	0.120	1	7.99	1
133	0	0	0	0.656	0	2.45	0
134	0	0	0	0.910	0	1.96	0
135	0	0	0	0.924	0	1.68	0
136	0	0	0	0.389	1	2.23	0
137	0	0	0	0.797	0	1.71	0
138	0	0	0	0.226	1	8.92	1
139	0	0	0	0.311	1	3.57	1
140	0	0	0	0.207	1	7.28	1
141	0	0	0	0.578	0	1.62	0
142	0	0	0	0.337	1	1.98	0
143	0	0	0	1.079	0	1.7	0
144	0	0	0	1.048	0	1.49	0

145	0	0	0	1.020	0	1.48	0
146	1	0	0	0.402	1	2.11	0
147	0	0	1	0.402	1	5.69	1
148	1	1	1	0.147	1	5.56	1
149	1	1	0	0.179	1	4.31	1
150	1	1	0	0.172	1	13.9	1
151	1	1	0	0.183	1	11.38	1
152	0	0	1	0.442	1	2.18	0
153	0	0	1	0.340	1	2.6	0
154	0	0	0	0.463	1	2.27	0
155	0	1	0	0.492	1	2.13	0
				Maximum	1.232	count if 1	40