



Supplementary Figure 1 Subgroup analyses of survival times in different groups, stratified by histological types.

Supplementary Table 1. Demographic and clinicopathological characteristics of patients with the treatment of IORT alone (IORT- group) or the combination of IORT and neoadjuvant/ adjuvant RT (IORT+ group).

Characteristics	IORT- group	IORT+ group	P-value
Gender			
Male	104 (54.7)	131 (57)	
Female	86 (45.3)	99 (43)	0.648
Marital status			
Unmarried	85 (44.7)	96 (41.7)	
Married	100 (52.6)	132 (57.4)	2.582
Unknown	5 (2.6)	2 (0.9)	
Race			
White	152 (80)	189 (82.2)	
Black	11 (5.8)	9 (3.9)	
Others	27 (14.2)	32 (13.9)	0.836
Unknown	0 (0)	0 (0)	
Median household income			
< \$65,000	37 (19.5)	63 (27.4)	
\$65,000 - \$75,000	33 (17.4)	20 (8.7)	
> \$75,000	120 (63.2)	147 (63.9)	8.951
Unknown	0 (0)	0 (0)	
Histology			
Osteosarcoma	2 (1.1)	1 (0.4)	
Chondrosarcoma	4 (2.1)	4 (1.7)	
Ewing sarcoma	3 (1.6)	3 (1.3)	
Fibromatous neoplasms	32 (16.8)	41 (17.8)	
Liposarcoma	40 (21.1)	55 (23.9)	
Synovial sarcoma	20 (10.5)	26 (11.3)	
Leiomyosarcoma	28 (14.7)	19 (8.3)	
Rhabdomyosarcoma	7 (3.7)	12 (5.2)	0.700
Gastrointestinal stromal tumor	4 (2.1)	1 (0.4)	
Spindle cell sarcoma	8 (4.2)	12 (5.2)	
Epithelioid sarcoma	3 (1.6)	2 (0.9)	
Chordoma	1 (0.5)	5 (2.2)	
Giant cell sarcoma	15 (7.9)	20 (8.7)	
Other soft tissue sarcomas	22 (11.6)	28 (12.2)	
Other bone tumors	1 (0.5)	1 (0.4)	
Primary site			
Limb	94 (49.5)	138 (60)	
Trunk	46 (24.2)	55 (23.9)	
Head, face, neck	1 (0.5)	1 (0.4)	0.064
Other sites	47 (24.7)	36 (15.7)	
Unknown	2 (1.1)	0 (0)	
Grade			

Well differentiated; Grade I	32 (16.8)	19 (8.3)	
Moderately differentiated; Grade II	39 (20.5)	45 (19.6)	
Poorly differentiated; Grade III	45 (23.7)	64 (27.8)	0.084
Undifferentiated; anaplastic; Grade IV	42 (22.1)	63 (27.4)	
Unknown	32 (16.8)	39 (17)	
SEER Stage			
Localized	90 (47.4)	115 (50)	
Regional	55 (28.9)	61 (26.5)	
Distant	12 (6.3)	17 (7.4)	0.886
Unknown	33 (17.4)	37 (16.1)	
T stage			
T1	41 (21.6)	45 (19.6)	
T2	94 (49.5)	132 (57.4)	
T3	5 (2.6)	4 (1.7)	0.533
T4	2 (1.1)	3 (1.3)	
Unknown	48 (25.3)	46 (20)	
N stage			
N0	136 (71.6)	179 (77.8)	
N1	7 (3.7)	12 (5.2)	0.125
Unknown	47 (24.7)	39 (17)	
M stage			
M0	137 (72.1)	175 (76.1)	
M1	10 (5.3)	16 (7)	0.298
Unknown	43 (22.6)	39 (17)	
Bone metastasis			
No	108 (56.8)	137 (59.6)	
Yes	1 (0.5)	3 (1.3)	0.575
Unknown	81 (42.6)	90 (39.1)	
Brain metastasis			
No	110 (57.9)	140 (60.9)	
Yes	0 (0)	0 (0)	0.536
Unknown	80 (42.1)	90 (39.1)	
Liver metastasis			
No	107 (56.3)	139 (60.4)	
Yes	3 (1.6)	1 (0.4)	0.375
Unknown	80 (42.1)	90 (39.1)	
Lung metastasis			
No	109 (57.4)	133 (57.8)	
Yes	1 (0.5)	7 (3)	0.158
Unknown	80 (42.1)	90 (39.1)	
Chemotherapy			
No/Unknown	137 (72.1)	134 (58.3)	
Yes	53 (27.9)	96 (41.7)	0.003