

Table S1 Characteristics of cancer pain after PSM

Cancer pain characteristics	Proportion (%)	Number
Pain property		
Somatic pain	37.5	18
Neuropathic pain	31.3	15
Visceral pain	8.3	4
Mixed pain	22.9	11
Pain sites		
≤2	93.8	45
≥3	6.3	3
Breakthrough pain		
Yes	39.6	19
No	60.4	29

PSM, propensity score matching.

Table S2 Effect of Immunotherapy (after PSM)

Response	Group	
	Cancer pain (+) (n=48)	Cancer pain (-) (n=48)
CR	0	1
PR	7	15
SD	24	24
PD	14	8
NE	3	0
ORR (%)	14.58	33.33

PSM, propensity score matching; CR, complete response; PR, partial response; SD, stable disease; PD, progressive disease; NE, not evaluable; ORR, overall response rate.