

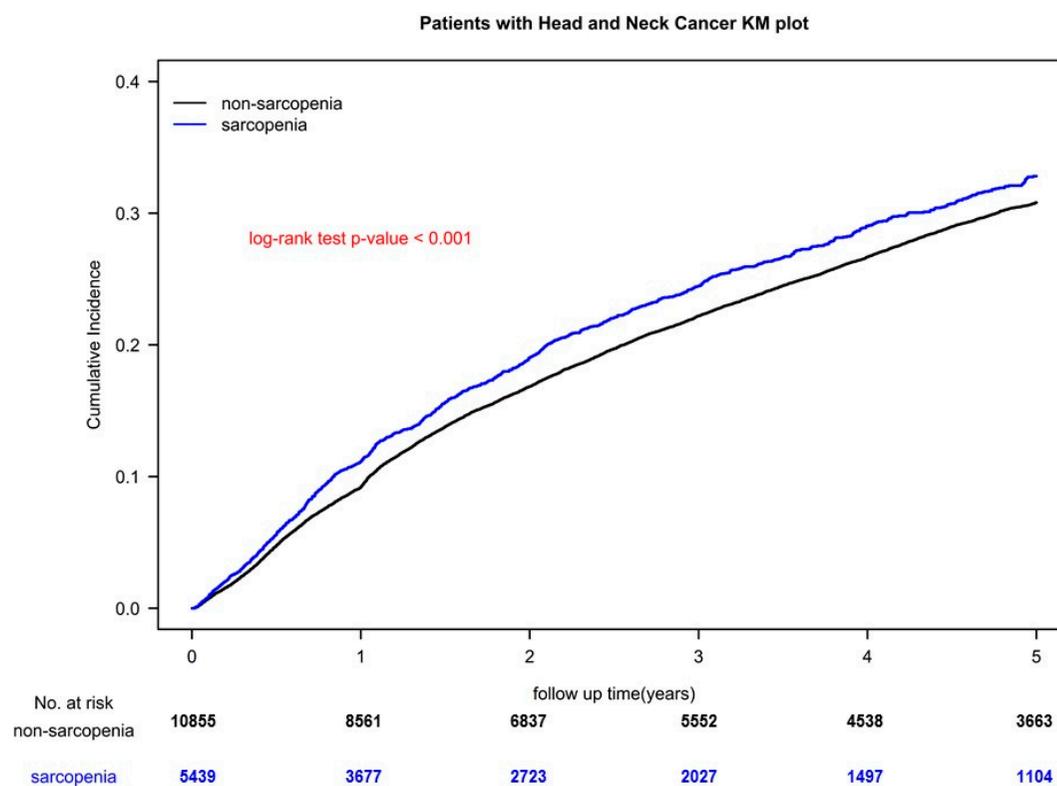


Nonsarcopenia (Ref.)	1			1			1			1		
Sarcopenia	1.08	(1.02,1.15)	0.0342	1.07	(1.03,1.20)	0.0148	1.08	(1.03,1.16)	0.0003	1.11	(1.04,1.26)	0.0002

RT, radiotherapy; CCRT, concurrent chemoradiotherapy; CCI, Charlson comorbidity index; AJCC, American Joint Committee on Cancer; y, years old; pT, pathologic tumor stages; pN, pathologic nodal stages; Ref., reference group; CI, confidence interval; HR, hazard ratio.

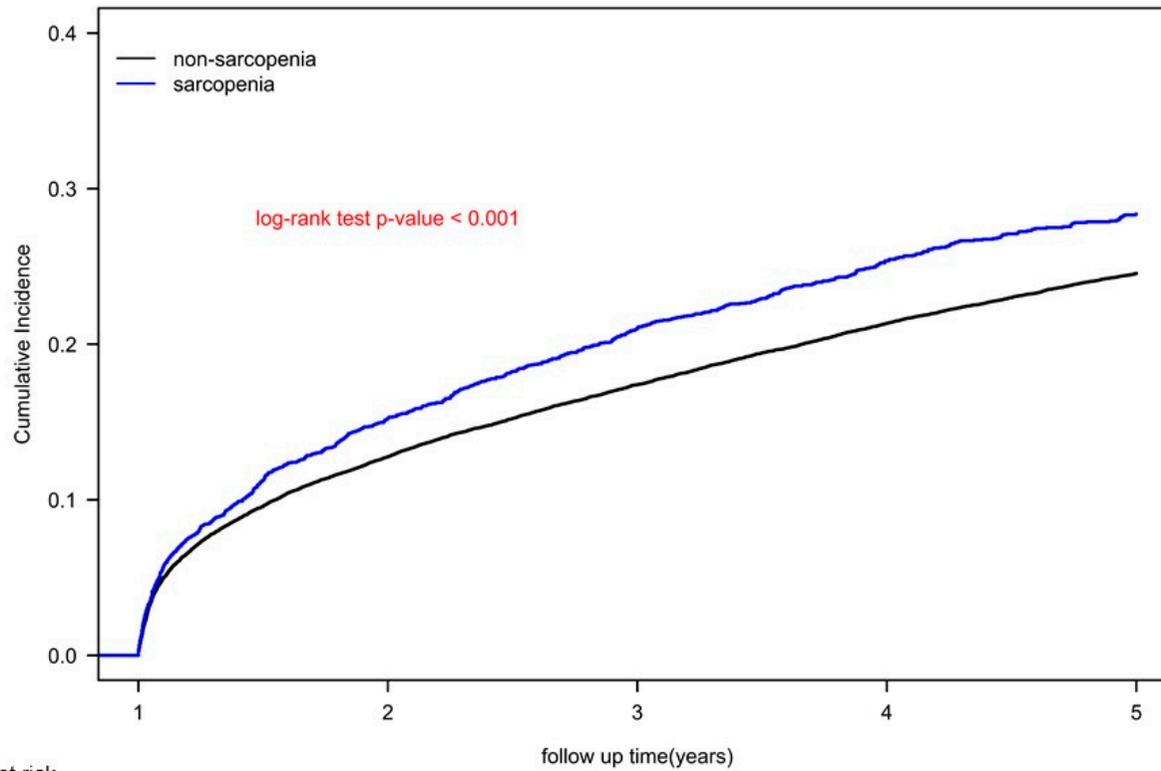
\*All the aforementioned variables in Table 2 were used in multivariate analysis.

**Supplemental Figure S1.** Kaplan–Meier overall cumulative locoregional recurrence curves for the propensity score–matched sarcopenia and nonsarcopenia groups (controls).



**Supplemental Figure S2.** Kaplan–Meier overall cumulative distant metastasis curves for the propensity score–matched sarcopenia and nonsarcopenia groups (controls).

Patients with Head and Neck Cancer KM plot



	follow up time(years)				
No. at risk	1	2	3	4	5
non-sarcopenia	10855	8627	7131	5889	4838
sarcopenia	5439	3945	2986	2239	1679