

**Supplementary Table 3.** Distribution of non-cancer cause of death in liver cancer patients by time since cancer diagnosis

Rank	0 year ≤ time since diagnosis < 5 years		5 years ≤ time since diagnosis < 10 years		10 years ≤ time since diagnosis	
	Cause of death	Count*	Cause of death	Count*	Cause of death	Count*
1	Diseases of liver	3,198 (37.2)	Diseases of liver	410 (25.0)	Diseases of liver	99 (19.3)
2	Viral hepatitis	974 (11.3)	Viral hepatitis	144 (8.8)	Heart diseases	56 (10.9)
3	Cerebrovascular diseases	614 (7.1)	Cerebrovascular diseases	142 (8.7)	Cerebrovascular diseases	46 (9.0)
4	Intentional self-harm	594 (6.9)	Heart diseases	129 (7.9)	Viral hepatitis	30 (5.8)
5	Heart diseases	480 (5.6)	Intentional self-harm	96 (5.9)	Pneumonia	29 (5.7)

Values are presented as number (%).

Diseases of liver and viral hepatitis combined: 4,172 (48.5), 554 (33.8), 129 (25.1) for less than 5 years, 5 to 10 years, greater than 10 years, respectively. Patients diagnosed with primary liver cancer from January 1, 2000 to December 31, 2016 who were followed up to December 31, 2017. Patients who were aged under 20 years at diagnosis were excluded.

\*Percentage among non-cancer deaths of each period (number of non-cancer deaths during each period: 0–5 years, 8,594; 5–10 years, 1,640; >10 years, 513).