

Supplemental Table S4. Multivariate Cox Proportional Hazards Models for Modified MASLD Risk & Resolution (Fully Adjusted Model)

Variable	Modified MASLD risk cohort for incident MASLD evaluation (<i>n</i> =1,265)				Modified MASLD resolution cohort for MASLD resolution evaluation (<i>n</i> =269)			
	Mean TT3		High TT3		Mean TT3		High TT3	
	HR (95% CI)	<i>P</i> value	HR (95% CI)	<i>P</i> value	HR (95% CI)	<i>P</i> value	HR (95% CI)	<i>P</i> value
Age, yr	1.01 (1.00–1.02)	<0.001	1.01 (1.01–1.02)	<0.001	1.00 (0.98–1.01)	0.964	0.99 (0.98–1.01)	0.914
Sex	0.71 (0.59–0.86)	0.001	0.71 (0.59–0.86)	0.001	0.89 (0.64–1.24)	0.515	0.88 (0.63–1.21)	0.438
BMI, kg/m ²	1.14 (1.11–1.17)	<0.001	1.14 (1.11–1.17)	<0.001	0.98 (0.92–1.03)	0.519	0.98 (0.93–1.04)	0.617
AST level, IU/L	1.00 (0.99–1.01)	0.091	1.00 (0.99–1.01)	0.070	0.99 (0.97–1.00)	0.293	0.99 (0.97–1.01)	0.412
ALT level, IU/L	0.99 (0.98–1.00)	0.186	0.99 (0.98–1.00)	0.148	1.00 (0.99–1.01)	0.348	1.00 (0.99–1.01)	0.428
HbA1c, %	1.16 (1.04–1.29)	0.006	1.15 (1.04–1.28)	0.007	0.98 (0.87–1.09)	0.723	0.97 (0.86–1.09)	0.683
TG, mg/dL	1.00 (0.99–1.00)	0.799	1.00 (0.99–1.00)	0.816	1.00 (0.99–1.00)	0.533	1.00 (0.99–1.00)	0.648
HDL-C, mg/dL	0.98 (0.98–0.99)	0.004	0.98 (0.98–0.99)	0.004	0.99 (0.98–1.00)	0.370	0.99 (0.98–1.00)	0.347
LDL-C, mg/dL	1.00 (1.00–1.00)	0.073	1.00 (1.00–1.00)	0.055	1.00 (0.99–1.00)	0.100	1.00 (0.99–1.00)	0.237
Mean TT3, ng/dL	1.01 (1.00–1.02)	0.003	-	-	0.96 (0.95–0.98)	<0.001	-	-
High mean TT3, ng/dL	-	-	1.29 (1.10–1.51)	0.001	-	-	0.71 (0.54–0.94)	0.018

Model (same as model 4 in Tables 3, 4) was adjusted for age, sex, BMI (kg/m²), AST (IU/L), ALT (IU/L), HbA1c, TG, HDL-C, LDL-C, and TT3 average (or high mean TT3).

MASLD, metabolic dysfunction-associated steatotic liver disease; TT3, total triiodothyronine; HR, hazard ratio; CI, confidence interval; BMI, body mass index; AST, aspartate aminotransferase; ALT, alanine transaminase; HbA1c, hemoglobin A1c; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol.