Supplementary Materials: Higher Accumulation of Visceral Adipose Tissue is an Independent Risk Factor for Hepatocellular Carcinoma among Viral Hepatitis Patients with Non-Cirrhotic Livers

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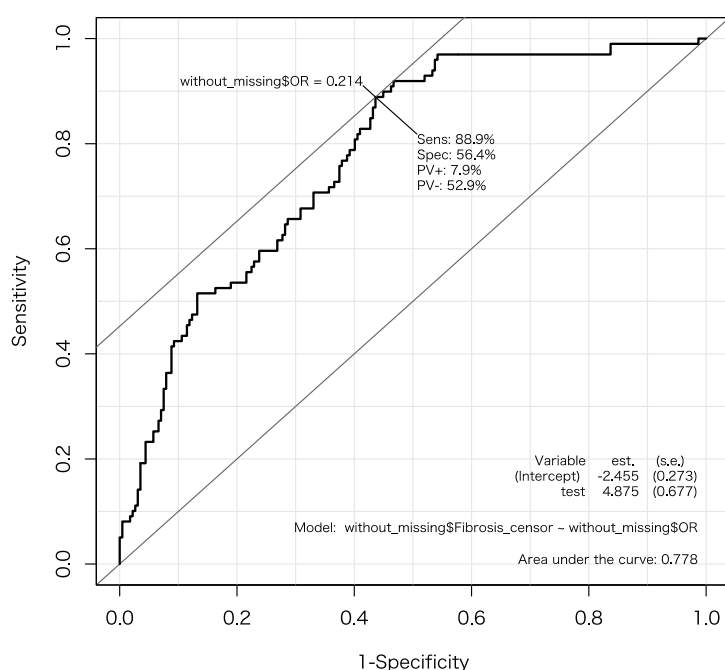
Figure S1. The receiver operating characteristic curve in evaluating the optimal cut-off value of the odds ratio of HCC in a non-cirrhotic liver.

Table S1. The details of the parameters used in the predictive formula for the odds ratio of HCC in a non-cirrhotic liver.

Valuabels	Estimated Parameter	Standardized Error	*p* Value
Intercept	−0.68	1.31	0.603
Age (years)	−0.03	0.02	0.033
Sex (male vs. female)	1.15	0.36	0.001
VATI (cm^2/m^2)	0.01	0.01	0.038
HbAic (%)	0.26	0.13	0.039
HTN (yes vs. no)	0.72	0.29	0.014
Etiology (HBV vs. HCV)	−1.39	0.35	<0.001

HCC, hepatocellular carcinoma; VATI, visceral adipose tissue index; HbA1c, hemoglobin A1c; HTN, hypertension; HBV, hepatitis B virus; HCV, hepatitis C virus

Table S2. Age-adjusted multivariate logistic regression analyses of pathogenic risks of HBV/HCV-related HCC in a non-cirrhotic liver.

Variables	Univariate Analysis		Multivariate Analysis	
	HR (95% CI)	*p* value	HR (95% CI)	*p* value
Sex (male vs. female)	2.74 (1.47–5.10)	0.002	3.15 (1.56–6.36)	0.001
BMI (kg/m^2)	1.01 (0.94–1.08)	0.850		
SMI (cm^2/m^2)	1.01 (0.98–1.04)	0.447		
SATI (cm^2/m^2)	1.00 (0.99–1.01)	0.836		
VATI (cm^2/m^2)	1.02 (1.01–1.03)	<0.001	1.01 (1.00–1.03)	0.038
Cancer stage (I/II/III/IV)	1.14 (0.89–1.46)	0.289		
FPG (mg/dL)	1.00 (0.99–1.01)	0.187		
HOMA-IR	0.96 (0.87–1.06)	0.388		
HbA1c (%)	1.39 (1.11–1.76)	0.006	1.30 (1.01–1.67)	0.040
TG (mg/dL)	1.00 (1.00–1.01)	0.076		
DM (yes vs. no)	1.09 (0.64–1.87)	0.748		
HL (yes vs. no)	2.14 (0.62–7.41)	0.228		
HTN (yes vs. no)	2.42 (1.44–4.07)	<0.001	2.06 (1.16–3.67)	0.014
Etiology (HBV vs. HCV)	3.17 (1.69–5.95)	< 0.001	4.00 (2.02–7.94)	< 0.001

HBV, hepatitis B virus; HCV, hepatitis C virus; HCC, hepatocellular carcinoma; HR, hazard ratio; CI, confidence interval; BMI, body mass index; SMI, skeletal muscle index; SATI, subcutaneous adipose tissue index; VATI, visceral adipose tissue index; FPG, fasting plasma glucose; HOMA-IR, homeostasis model assessment-insulin resistance; HbA1c, hemoglobin A1c; TG, triglyceride; DM, diabetes mellitus; HL, hyperlipidemia; HTN, hypertension.