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Supplementary Table 1. Univariate and multiple regression analyses in the prediction of NASH ($n=116$)

Parameter	Univariate analysis		Multiple logistic regression analysis (I)		Multiple logistic regression analysis (II)	
	OR (95% CI)	*P* value	OR (95% CI)	*P* value	OR (95% CI)	*P* value
Age, yr	1.004 (0.973–1.036)	0.795				
Sex	1.800 (0.783–4.139)	0.166				
BMI, kg/m^2	1.116 (1.056–1.179)	<0.001	1.047 (0.960–1.143)	0.300	1.029 (0.893–1.187)	0.689
AST, U/L	1.033 (1.018–1.049)	<0.001	0.985 (0.959–1.012)	0.283	0.977 (0.944–1.011)	0.186
ALT, U/L	1.019 (1.010–1.029)	<0.001	1.019 (0.999–1.039)	0.058	1.053 (1.006–1.101)	0.026
WBC, ×10^9/L	1.357 (1.123–1.640)	0.002	1.134 (0.810–1.588)	0.465	1.338 (0.763–2.346)	0.310
Platelets, ×10^9/L	1.003 (0.998–1.007)	0.224				
hs-CRP, mg/dL	1.432 (0.737–2.786)	0.290				
HOMA-IR	1.053 (0.997–1.113)	0.063				
AKR1B10, pg/mL[a]	10.007 (4.467–22.418)	<0.001	3.688 (1.125–12.087)	0.031	3.582 (0.516–24.874)	0.197
Cytokeratin 18, U/L	1.005 (1.003–1.007)	<0.001	1.002 (0.999–1.004)	0.232	0.998 (0.992–1.004)	0.546
PIIINP, ng/mL	1.183 (1.054–1.327)	0.004	0.946 (0.830–1.079)	0.408	0.757 (0.578–0.992)	0.043
HA, ng/mL	1.006 (0.997–1.015)	0.186				
TIMP-1, ng/mL	1.012 (1.005–1.019)	0.001	1.002 (0.993–1.012)	0.613	0.995 (0.978–1.012)	0.532
MRI-PDFF, %	1.191 (1.118–1.267)	<0.001	Not included	-	1.373 (1.139–1.653)	<0.001
MRE-LSM, kPa	3.941 (1.975–7.866)	<0.001	Not included	-	33.511 (4.076–275.481)	<0.001

NASH, nonalcoholic steatohepatitis; OR, odds ratio; CI, confidence interval; BMI, body mass index; AST, aspartate aminotransferase; ALT, alanine aminotransferase; WBC, white blood cell; hs-CRP, high-sensitivity C-reactive protein; HOMA-IR, homeostasis model assessment of insulin resistance; AKR1B10, aldo-keto reductase family 1 member B10; PIIINP, amino-terminal propeptide of type III procollagen; HA, hyaluronic acid; TIMP-1, tissue inhibitor of matrix metalloproteinase 1; MRI, magnetic resonance imaging; PDFF, proton density fat fraction; MRE, magnetic resonance elastography; LSM, liver stiffness measurement.

[a]Test on log$_{10}$-transformed values.