

Establishment and evaluation of a risk-prediction model for Hypertension in elderly patients with NAFLD from a health management perspective

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Supplementary Table S1 Differences in demographic and clinical characteristics between the lean and non-lean NAFLD groups in validation set.[mean $\pm$ SD or N(%)]

Items	Lean (n=504)	overweight (n=1783)	obese (n=558)	χ^2/F	P
Hypertension					
Yes	221(43.8%)	1081(60.6%)	412(73.8%)	8.126	0.017
No	283(56.2%)	702(39.4%)	146(26.2%)		
Age	68.47 $\pm$ 6.82	68.86 $\pm$ 6.88	69.98 $\pm$ 7.04	7.494	0.001
BMI	21.67 $\pm$ 1.04	25.05 $\pm$ 1.29	29.72 $\pm$ 2.00	4376.480	< 0.001
SBP	138.68 $\pm$ 21.20	144.67 $\pm$ 20.86	149.72 $\pm$ 21.19	36.671	< 0.001
DBP	79.58 $\pm$ 11.33	82.17 $\pm$ 11.32	84.98 $\pm$ 10.87	30.756	< 0.001
WHR	0.87 $\pm$ 0.06	0.90 $\pm$ 0.06	0.92 $\pm$ 0.06	94.624	< 0.001
ALB	44.61 $\pm$ 2.63	44.62 $\pm$ 2.54	44.17 $\pm$ 2.36	6.851	0.001
ALT	23.57 $\pm$ 12.43	26.05 $\pm$ 13.67	27.89 $\pm$ 15.71	12.926	< 0.001
AST	22.92 $\pm$ 6.81	23.67 $\pm$ 7.87	24.72 $\pm$ 9.49	6.833	0.001
RBC	4.58 $\pm$ 0.42	4.65 $\pm$ 0.45	4.64 $\pm$ 0.50	4.582	0.010
UREA	5.40 $\pm$ 1.47	5.51 $\pm$ 1.49	5.59 $\pm$ 1.53	2.094	0.123*
GLU	6.36 $\pm$ 2.12	6.36 $\pm$ 1.75	6.45 $\pm$ 1.62	0.548	0.578*
HGB	139.88 $\pm$ 12.81	142.01 $\pm$ 13.44	140.79 $\pm$ 14.66	5.556	0.004
PLT	203.13 $\pm$ 52.18	201.46 $\pm$ 53.84	196.01 $\pm$ 59.10	2.726	0.066*
TC	5.16 $\pm$ 0.96	5.10 $\pm$ 0.96	5.09 $\pm$ 0.97	0.983	0.374*
TB	15.77 $\pm$ 6.90	15.80 $\pm$ 5.57	15.36 $\pm$ 5.33	1.282	0.278*
CRE	66.18 $\pm$ 16.22	68.98 $\pm$ 17.62	70.40 $\pm$ 19.18	7.878	< 0.001
LDL	3.22 $\pm$ 0.86	3.20 $\pm$ 0.85	3.26 $\pm$ 0.87	0.872	0.418*
TG	1.64 $\pm$ 1.12	1.74 $\pm$ 1.31	1.69 $\pm$ 0.90	1.537	0.215*
UA	343.19 $\pm$ 84.96	360.96 $\pm$ 89.64	365.53 $\pm$ 81.31	10.258	< 0.001
AFP	6.77 $\pm$ 5.34	6.80 $\pm$ 4.42	7.26 $\pm$ 4.77	2.228	0.108*
BASO	0.02 $\pm$ 0.04	0.02 $\pm$ 0.03	0.02 $\pm$ 0.03	0.468	0.627*
EO	0.13 $\pm$ 0.16	0.14 $\pm$ 0.12	0.14 $\pm$ 0.15	0.618	0.539*
LYMPH	1.87 $\pm$ 0.53	1.95 $\pm$ 0.59	2.00 $\pm$ 0.61	7.034	0.001
NEUT	3.32 $\pm$ 1.06	3.41 $\pm$ 1.15	3.44 $\pm$ 1.18	1.627	0.188*

note:"*" means P > 0.05 and the difference was not statistically significant

Supplementary Table S2 Differences in demographic and clinical characteristics between the No-NAFLD and NAFLD groups in validation set.[mean $\pm$ SD or N(%)]

Items	NAFLD (n=2031)	No-NAFLD (n=1785)	χ^2/t	P
Hypertension				
Yes	1296(63.8%)	874(49.0%)	85.382	< 0.001
No	735(36.2%)	911(51.0%)		
Age	72.18 $\pm$ 6.33	72.73 $\pm$ 6.64	2.597	0.009
BMI	25.82 $\pm$ 3.07	22.52 $\pm$ 2.92	33.858	< 0.001
SBP	144.81 $\pm$ 20.98	140.17 $\pm$ 22.34	6.584	< 0.001
DBP	85.76 $\pm$ 11.19	83.24 $\pm$ 11.94	6.698	< 0.001
WHR	0.92 $\pm$ 0.07	0.88 $\pm$ 0.18	7.365	< 0.001
ALB	45.03 $\pm$ 2.72	44.54 $\pm$ 2.75	5.561	< 0.001
ALT	18.62 $\pm$ 17.09	15.05 $\pm$ 11.15	7.521	< 0.001
AST	20.15 $\pm$ 9.00	19.62 $\pm$ 7.31	2.008	0.045
RBC	4.55 $\pm$ 0.44	4.43 $\pm$ 0.45	8.440	< 0.001
UREA	5.69 $\pm$ 1.46	5.85 $\pm$ 1.58	3.297	0.001
GLU	5.47 $\pm$ 1.85	5.74 $\pm$ 1.92	4.548	< 0.001
HGB	137.52 $\pm$ 13.03	133.80 $\pm$ 13.69	8.575	< 0.001
PLT	199.45 $\pm$ 48.06	194.82 $\pm$ 47.28	2.991	0.003
TC	4.88 $\pm$ 0.91	4.74 $\pm$ 0.93	4.718	< 0.001
TB	11.10 $\pm$ 4.55	11.02 $\pm$ 5.54	0.540	0.589*
CRE	76.01 $\pm$ 19.92	76.75 $\pm$ 19.62	1.142	0.254*
LDL	3.12 $\pm$ 0.80	3.02 $\pm$ 0.80	4.200	< 0.001
TG	1.62 $\pm$ 1.07	1.15 $\pm$ 0.73	15.779	< 0.001
UA	314.75 $\pm$ 84.68	290.37 $\pm$ 81.44	9.034	< 0.001
AFP	6.54 $\pm$ 3.78	5.42 $\pm$ 3.97	1.247	0.213*
BASO	0.03 $\pm$ 0.02	0.03 $\pm$ 0.02	0.031	0.975*
EO	0.13 $\pm$ 0.12	0.13 $\pm$ 0.12	0.992	0.321*
LYMPH	2.10 $\pm$ 0.76	1.92 $\pm$ 0.60	8.277	< 0.001
NEUT	3.65 $\pm$ 1.14	3.47 $\pm$ 1.17	4.844	< 0.001

note:"*" means P > 0.05 and the difference was not statistically significant