

Table S1 Components of the dallas steatosis index equation.

Variable / condition	Coefficient
Constant	-9.4
Female and age ≥ 50 years	+0.316
Known diabetes	+2.4
Fasting glucose (mg/dL) – only if not diabetic	+0.02 \times glucose
Known hypertension	+0.3
Hispanic, Asian, or other race/ethnicity	+0.5
Natural logarithm of triglycerides (mg/dL)	+ln(triglycerides)
ALT 13.5–19.49 IU/L	+0.4
ALT 19.5–40 IU/L	+1.1
ALT > 40 IU/L	+1.5
Not Black and BMI 25–27.49 kg/m ²	+0.7
Not Black and BMI 27.5–34.9 kg/m ²	+1.4
Not Black and BMI 35–37.49 kg/m ²	+1.9
Not Black and BMI > 37.5 kg/m ²	+2.6
Black and BMI 25–27.49 kg/m ²	-0.2
Black and BMI 27.5–34.9 kg/m ²	+0.8
Black and BMI 35–37.49 kg/m ²	+0.8
Black and BMI > 37.5 kg/m ²	+1.8

The dallas steatosis index incorporates indicator functions for categorical variables, assigning a value of 1 if the condition is met and 0 otherwise. For individuals without diabetes, fasting glucose is included in the calculation, for those with diabetes, this variable is excluded. ALT: Alanine aminotransferase; BMI: Body mass index.