

Supplementary Table 1. Multiple linear regression analysis of liver enzyme variability

	Insulin secretion indices			Insulin sensitivity indices		Inflammatory markers	
	HOMA-B%	IGI60	Disposition index	HOMA-IR	ISI	White blood cell count	hsCRP
AST							
SD			-0.007	0.039 ^a			0.034 ^b
CV			-0.015	0.047 ^b		0.043 ^b	
ASV			-0.006	0.036 ^a		0.025	
VIM	0.022			0.027		0.031 ^a	
ALT							
SD			-0.013		-0.079 ^c		0.033 ^a
CV			-0.018	0.078 ^c			0.034 ^a
ASV			-0.008		-0.063 ^c	0.022	
VIM	0.047 ^c			0.006			0.007

Values are presented as standardized β coefficients.

HOMA-B%, homeostasis model assessment of β -cell function; IGI, insulinogenic index; HOMA-IR, homeostasis model assessment of insulin resistance; ISI, insulin sensitivity index; hsCRP, high-sensitivity C-reactive protein; AST, aspartate aminotransferase; SD, standard deviation; CV, coefficient of variation; ASV, average successive variability; VIM, variability independent of the mean; ALT, alanine aminotransferase.

^a $P < 0.05$, ^b $P < 0.01$, ^c $P < 0.001$.