Table S3. Normality of the distribution of numerical variables included in the multivariable analysis before and after Box-Cox transformation

Variable	Raw data					Box-Cox transformed data				
	Shapiro-Wilk test p-value	Skewness		Kurtosis		Shapiro-Wilk test p-value	Skewness		Kurtosis	
		Coefficient	CI 95%	Coefficient	CI 95%		Coefficient	CI 95%	Coefficient	CI 95%
fPLI	<0.001*	2.86*	2.20, 3.53	7.80*	6.49, 9.11	0.108	0.13	-0.54, 0.79	-1.02	-2.33, 0.29
SDMA	<0.001*	3.70*	3.04, 4.37	15.25*	13.9, 16.6	0.378	-0.01	-0.68, 0.66	0.31	-1.00, 1.62
ALT	<0.001*	2.19*	1.53, 2.86	5.15*	3.84, 6.45	0.523	0.08	-0.58, 0.75	-0.81	-2.12, 0.50
Glucose	<0.001*	0.34	-0.33, 1.00	-1.46*	-2.77, -0.15	0.006*	-0.13	-0.80, 0.53	-1.24	-2.55, 0.07
HexCer(d18:1/18:0)	<0.001*	1.76*	1.09, 2.43	3.03*	1.72, 4.33	0.468	0.06	-0.61, 0.73	-0.71	-2.02, 0.60
HexCer(d18:1/20:0)	<0.001*	1.64*	0.98, 2.31	2.43*	1.12, 3.74	0.325	0.06	-0.60, 0.73	-0.44	-1.75, 0.87
HexCer(d18:1/24:0)	<0.001*	1.39*	0.72, 2.06	2.10*	0.80, 3.41	0.824	0.04	-0.63, 0.70	-0.63	-1.94, 0.68
HexCer(d18:1/24:1)	<0.001*	2.08*	1.42, 2.75	5.48*	4.18, 6.79	0.604	0.07	-0.60, 0.74	-0.58	-1.88, 0.73
SM C18:0	<0.001*	1.08*	0.41, 1.75	0.52	-0.78, 1.83	0.632	0.03	-0.64, 0.69	-0.59	-1.89, 0.72

ALT – alanine aminotransferase; CI 95% – 95% confidence interval; fPLI – feline pancreatic lipase immunoreactivity; HexCer – cerebroside; SM – sphingomyelin; SDMA – symmetric dimethylarginine

* significant at $\alpha=0.05$