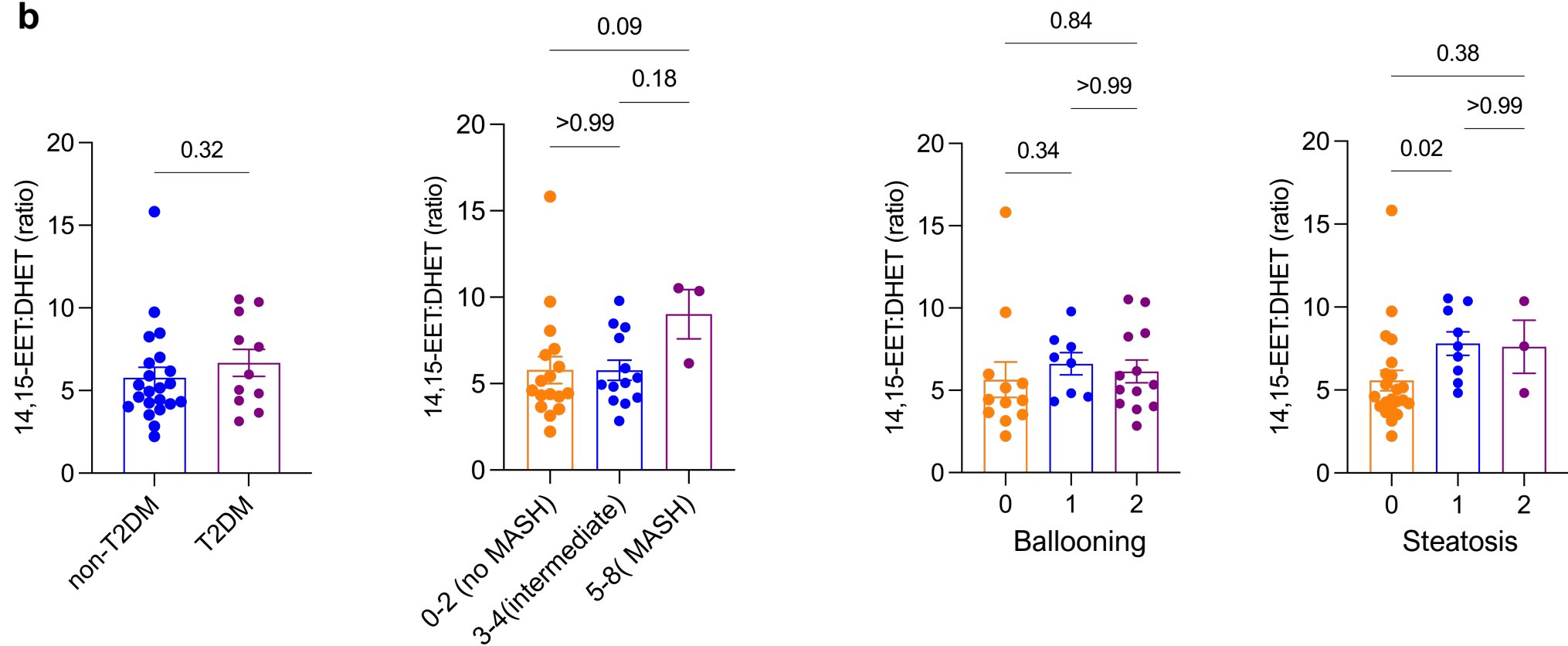


a

Liver 14,15-EET:DHET (free)	R	R ²	Beta	t	Sig.
	0.551	0.303			
Sex [Female=1 male=2]			0.066	-0.014	0.932
Age			0.002	-0.173	0.347
Ethnicity [white=1 black =2 mixed=3 asian=4 other=5]			0.017	0.329	0.053
T2DM [y=1 n=2]			0.062	-0.483	0.009*
Total 31					

b**c**

Liver 14,15-EET:DHET (total)	R	R ²	Beta	t	Sig.
	0.45	0.202			
Sex [Female=1 male=2]			1.156	-0.228	0.209
Age			0.04	-0.002	0.994
Ethnicity [white=1 black =2 mixed=3 asian=4 other=5]			0.299	0.395	0.032
T2DM [y=1 n=2]			1.093	-0.199	0.29
Total 31					

Supplementary Figure 7. Multivariate analysis for hepatic 14,15-EET:DHET based on free (unesterified) and total epoxide:diol. (a) Linear regression table for free 14,15-EET:DHET measured in liver adjusted for age, sex and ethnicity; N=31. **(b)** T2DM and MASLD phenotypes for total 14,15-EET:DHET. **(c)** Linear regression table for total 14,15-EET:DHET measured in liver adjusted for age, sex and ethnicity; N=31. Statistical significance was calculated using a linear regression model with normalization of dependent variable by log transformation of the metabolite **(a)** and **(c)** and Mann-Whitney test or Kruskal-Wallis test with Dunn's multiple comparisons test **(b)**.