

Variable	BioMarker	Unadjusted Beta-value	Unadjusted P-value	Adjusted ¹ Beta-value	Adjusted ¹ P-value
TMAO	PCSK9	0.2984	0.023*	0.3149	0.017*
IL-8	PCSK9	0.2780	0.035*	0.2581	0.051
IL-8	TMAO	0.4284	0.001**	0.4537	<0.001**
IL1- β	PCSK9	0.1015	0.452	0.9967	0.470
IL1- β	TMAO	0.3541	0.006**	0.3592	0.007*
TNF α	PCSK9	0.1014	0.449	0.0995	0.459
TNF α	TMAO	0.4442	0.000**	0.4284	0.001*
IFN γ	PCSK9	0.4150	0.001**	0.3893	0.002*
IFN γ	TMAO	0.0824	0.535	0.0895	0.495
IL-18	PCSK9	-0.3338	0.035*	-0.3247	0.034*
IL-18	TMAO	-0.0794	0.617	-0.0708	0.655

¹ Adjusted for ASCVD risk score and BMI.

Table S1: Results of Cytokine Association Analysis. ASCVD: atherosclerotic cardiovascular disease; BMI: body mass index; IL: interleukin; TNF: tumor necrosis factor; TMAO: Trimethylamine N-Oxide; PCSK9: Proprotein Convertase Subtilisin/Kexin Type 9. * p<0.05, ** p<0.001