

**Supplemental Table 6.** Significant (<0.05) Ridge correlation coefficients for the intake of nutrients and ratios of concentrations of cholesterol and apolipoproteins in the lipoprotein fractions LDL and HDL as well as in the subfractions lLDL, sdLDL, and HDL2

	nonHDL-C	sdLDL-C/lbLDL-C	sdLDL-ApoB/lbLDL-ApoB	LDL-C/HDL-C	sdLDL-C/HDL2-C	ApoB/ApoA1	sdLDL-ApoB/HDL2-ApoA1
R	0.432	0.401	0.387	0.515	0.392	0.369	0.393
Age	0.339 <sup>†</sup>			0.205*	0.188*	0.170*	0.187*
BMI	0.157*	0.240 <sup>†</sup>	0.223 <sup>†</sup>	0.199*	0.198*	0.159*	0.194*
ActEnExp	-0.156*	-0.137	-0.137	-0.210*	-0.166*	-0.153	-0.167*
Alc_Int				-0.374 <sup>†</sup>	-0.229 <sup>†</sup>	-0.253 <sup>†</sup>	-0.232 <sup>†</sup>
MUFA_Int		-0.194*	-0.187*			-0.129	
Biotin_Int				-0.176*			
Niacin_Int				0.150		0.137	
Vit_B1_Int		0.225 <sup>†</sup>	0.231 <sup>†</sup>				
Vit_D_Int		0.219*	0.209*				
Sodium_Int					0.136		0.145