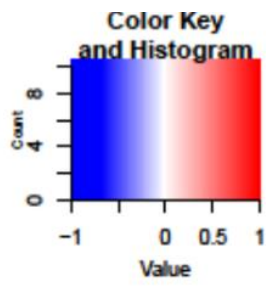


Figure S1: Correlations between phenotypes in Generation Scotland samples



GS Phenotype Correlations

BMI	1									
Smoking	-0.002	1								
Alcohol	6e-04	0.1	1							
Education	-0.1	-0.2	-0.04	1						
Total cholesterol	0.1	0.04	0.03	-0.05	1					
HDL cholesterol	-0.3	-0.07	0.05	0.01	0.2	1				
LDL cholesterol	0.2	0.06	0.02	-0.06	0.9	-0.2	1			
Total:HDL ratio	0.3	0.1	-0.007	-0.05	0.5	-0.7	0.8	1		
Waist-Hip ratio	0.4	0.2	0.2	-0.1	0.06	-0.3	0.2	0.3	1	
% Body fat	0.6	0.02	-0.2	-0.1	0.2	0.007	0.2	0.09	0.03	1
	BMI	Smoking	Alcohol	Education	Total cholesterol	HDL cholesterol	LDL cholesterol	Total:HDL ratio	Waist-Hip ratio	% Body fat

Figure S2: Correlations between phenotypes in LBC1936 samples

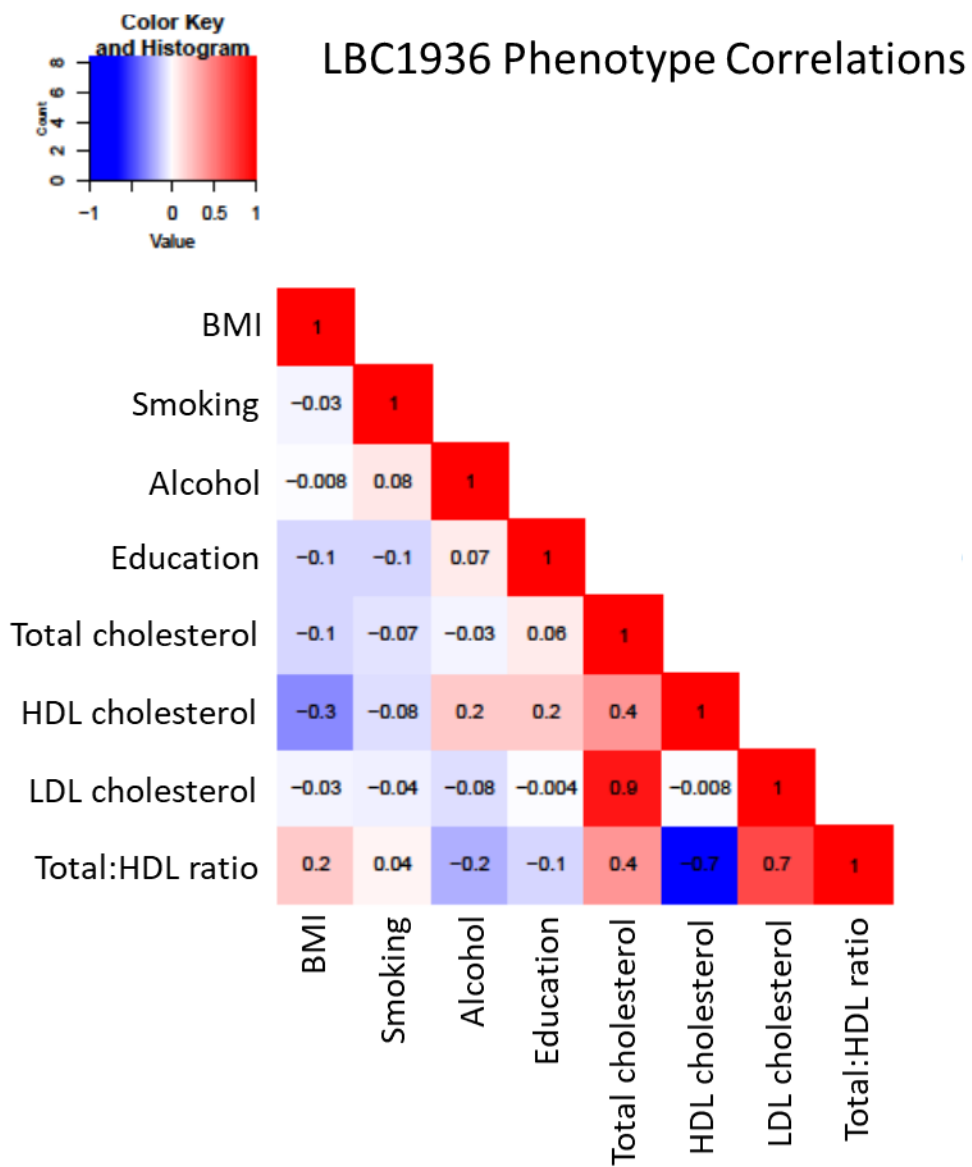


Figure S3: Correlations between DNA methylation scores in LBC1936 samples

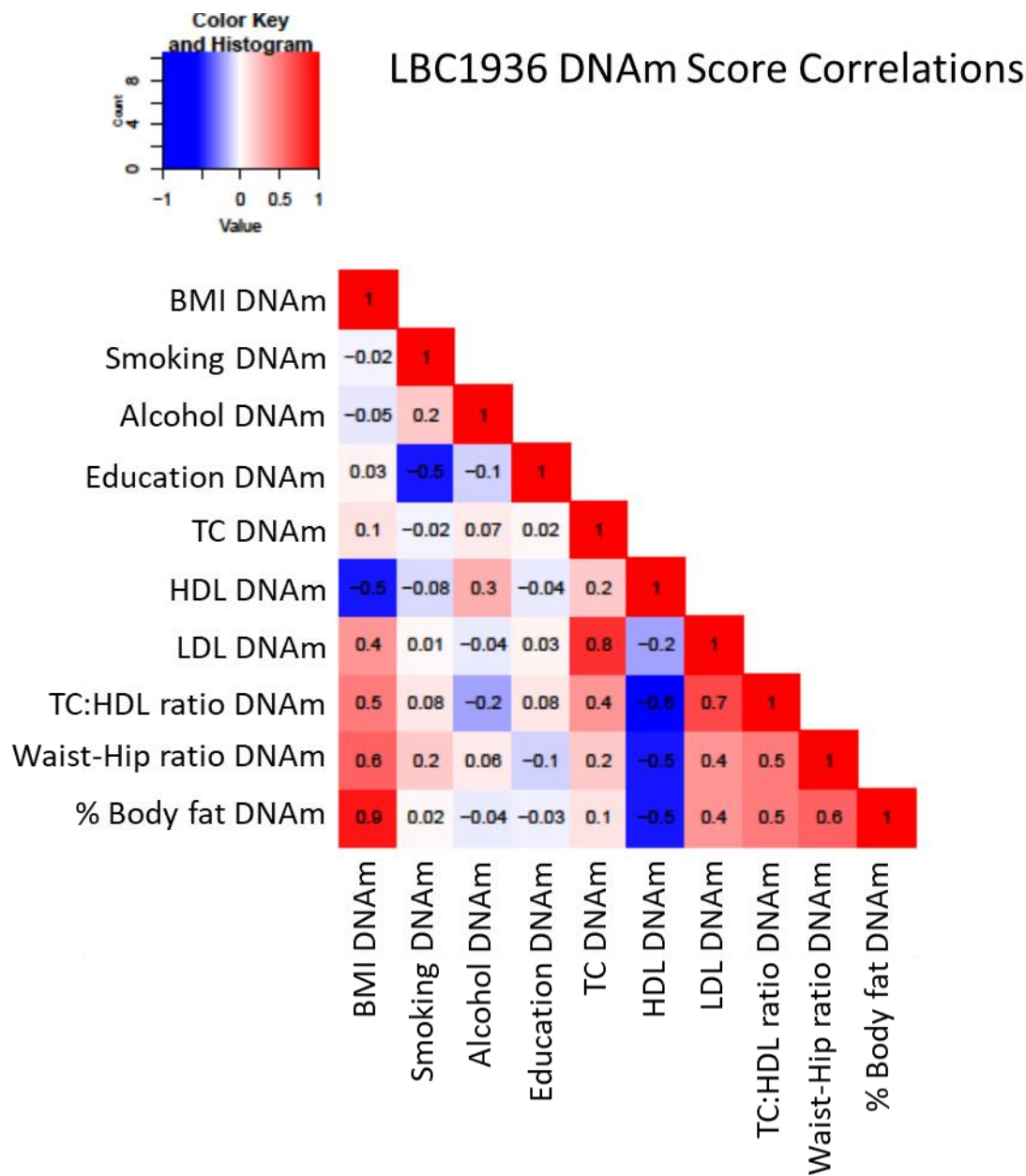


Figure S4: Correlations between genetic scores in LBC1936 samples

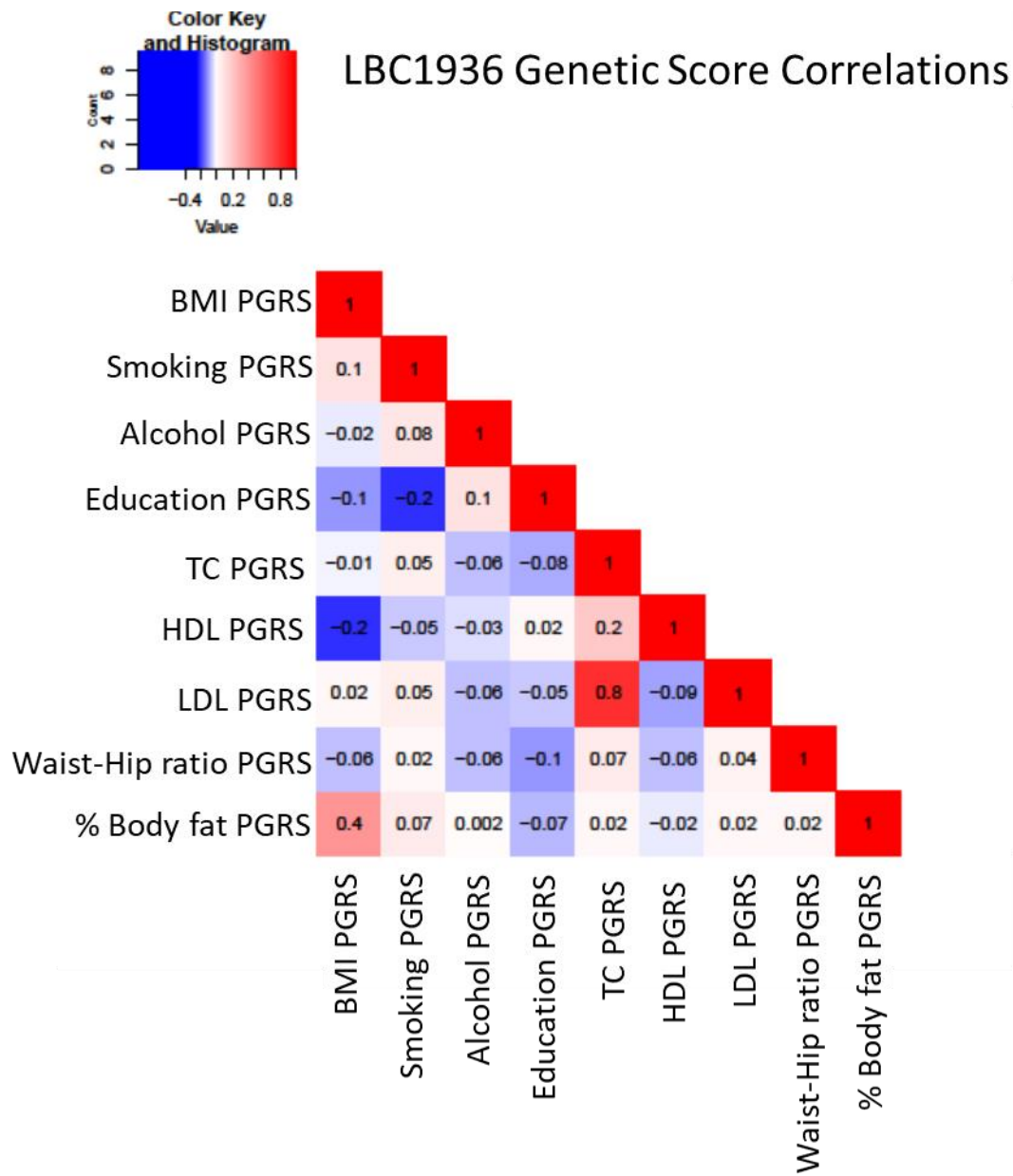


Figure S5: Hazard ratios for phenotypic predictors of mortality in LBC1936 samples

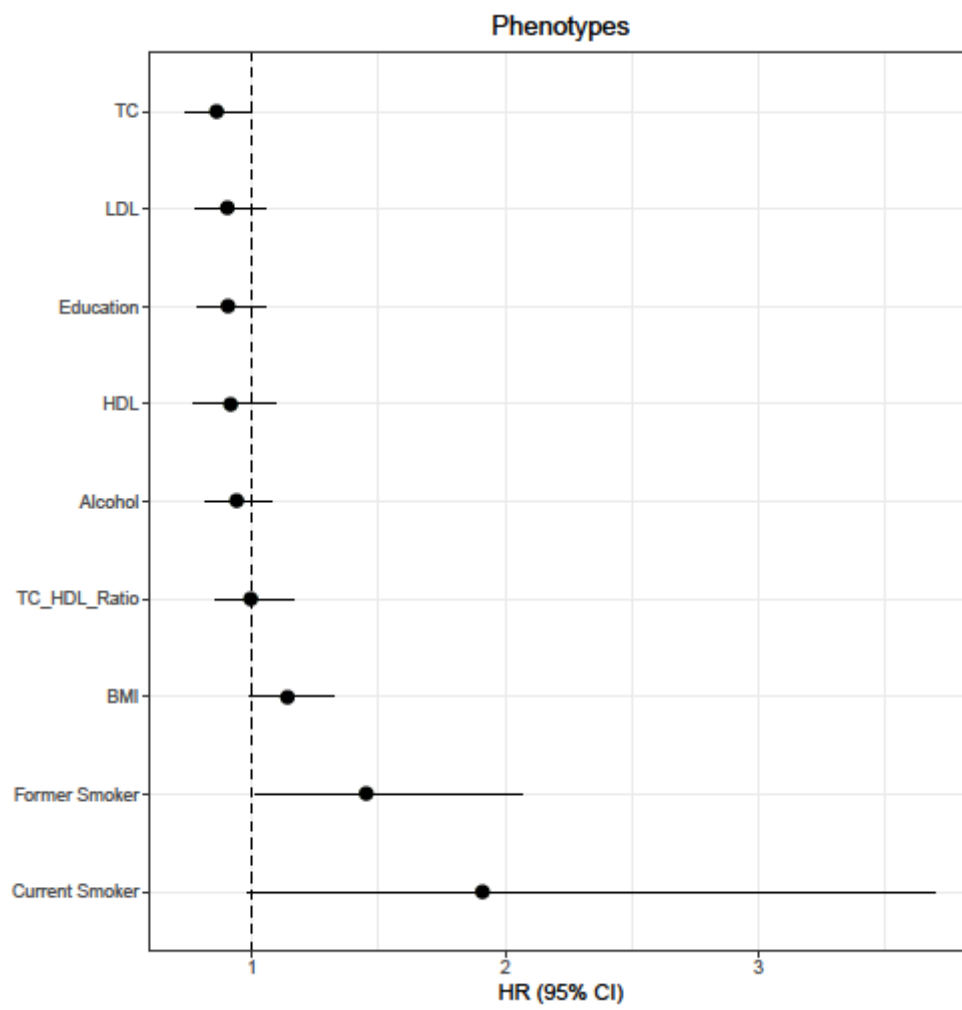


Figure S6: Hazard ratios for polygenic predictors of mortality in LBC1936 samples

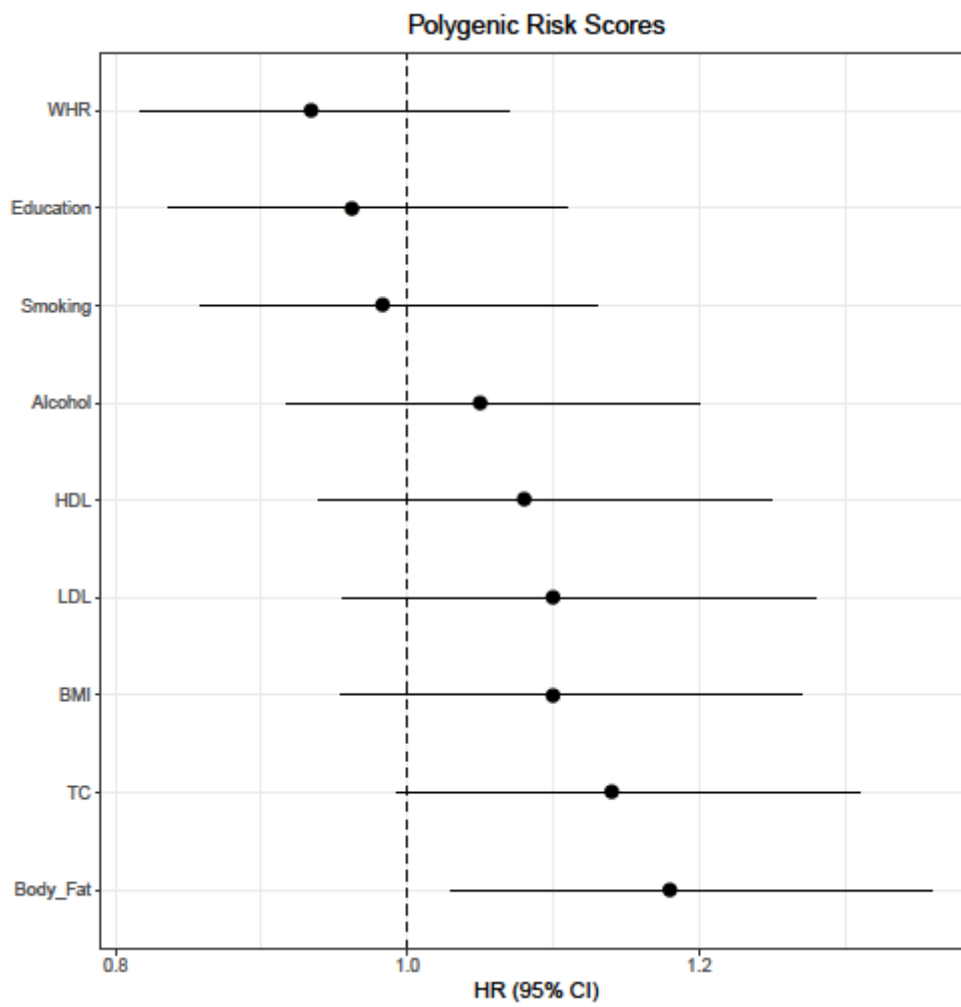


Figure S7: DNAm scores for current, former and never smokers in LBC1936

