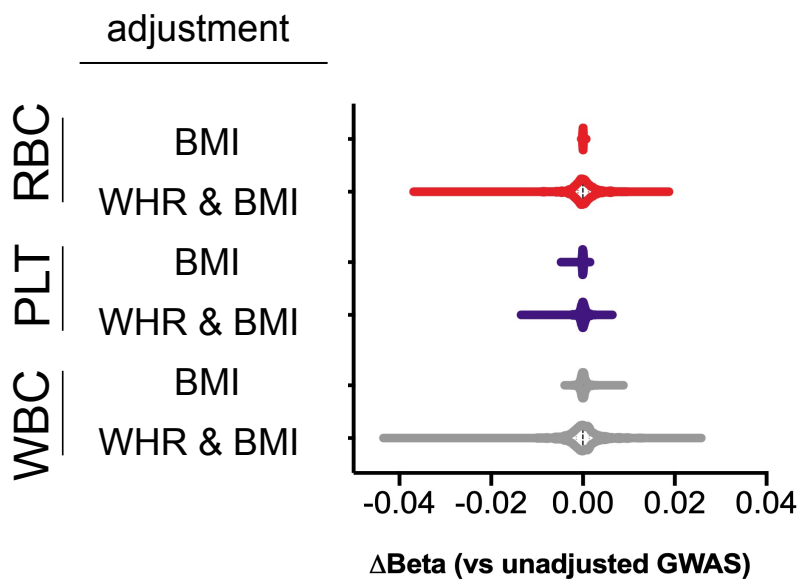


a



b

WHR & BMI adjusted

RBC

PLT

WBC

All genome-wide significant loci

GO Biological Process	#Genes	Fold Enrichment	P-value
hemopoiesis	109	2.36	1.99E-10
hematopoietic or lymphoid organ development	115	2.3	1.84E-10
regulation of hemopoiesis	59	2.1	8.00E-03

Loci in top/bottom 10%/changed effect sizes

GO Biological Process	#Genes	Fold Enrichment	P-value
erythrocyte differentiation	12	6.96	4.57E-03
erythrocyte homeostasis	12	6.3	1.19E-02
hemopoiesis	36	3.1	5.71E-05
hematopoietic or lymphoid organ development	38	3.02	4.09E-05

All genome-wide significant loci

GO Biological Process	#Genes	Fold Enrichment	P-value
megakaryocyte development	11	7.78	3.02E-02
hemostasis	43	2.97	6.39E-05
hemopoiesis	123	2.56	3.38E-14
hematopoietic or lymphoid organ development	129	2.48	5.01E-14
regulation of hemopoiesis	64	2.18	1.06E-03

Loci in top/bottom 10%/changed effect sizes

GO Biological Process	#Genes	Fold Enrichment	P-value
hemopoiesis	31	2.72	9.51E-03
hematopoietic or lymphoid organ development	32	2.6	1.68E-02

All genome-wide significant loci

GO Biological Process	#Genes	Fold Enrichment	P-value
positive regulation of hemopoiesis	38	3.26	4.70E-05
negative regulation of hemopoiesis	25	3.22	2.31E-02
regulation of hemopoiesis	71	2.69	4.73E-08
hemopoiesis	113	2.61	1.07E-13
hematopoietic or lymphoid organ development	120	2.56	3.57E-14

Loci in top/bottom 10%/changed effect sizes

GO Biological Process	#Genes	Fold Enrichment	P-value
hemopoiesis	31	2.83	4.30E-03
hematopoietic or lymphoid organ development	32	2.7	7.56E-03

All

Most changed
(top & bottom 10%)