

Phenotype	SUMPC1	SUMPC2	WINPC1	WINPC2	Latitude
Height	-0.22 (0.11)	0.003 (0.93)	-0.12 (0.37)	0.38 (0.008)	0.12 (0.34)
Skin Pigmentation	0.31(0.025)	0.07 (0.62)	0.27 (0.061)	-0.11 (0.38)	-0.36 (0.009)
Body Mass Index	-0.22 (0.15)	0.04 (0.74)	-0.17 (0.29)	0.24 (0.11)	0.21 (0.21)
Type 2 Diabetes	0.10 (0.36)	0.10 (0.42)	0.14 (0.25)	-0.07 (0.56)	-0.20 (0.093)
Crohn's Disease	0.25 (0.066)	-0.30 (0.033)	0.01 (0.86)	-0.28 (0.053)	0.08 (0.61)
Ulcerative Colitis	0.17 (0.22)	-0.29 (0.046)	0.06 (0.61)	-0.21 (0.15)	-0.11(0.40)