

ESM Table 15 Associations between GRSs and adiposity measurements

GRS	Weighting	BMI		Waist Circumference		Waist-Hip Ratio		Percent Body Fat	
		β (SE), kg/m ²	<i>p</i>	β (SE), cm	<i>p</i>	β (SE)	<i>p</i>	β (SE), %	<i>p</i>
GRS-T									
	Unweighted	-0.005(0.003)	3.86x10 ⁻²	-0.007(0.007)	3.48x10 ⁻¹	0.0001(0.0001)	7.52x10 ⁻²	-0.010(0.005)	4.67x10 ⁻²
	AGEN-T2D	-0.006(0.002)	7.62x10 ⁻³	-0.006(0.006)	3.62x10 ⁻¹	0.0001(0.0000)	8.36x10 ⁻²	-0.008(0.004)	6.36x10 ⁻²
	DIAGRAMv3	-0.009(0.002)	9.12x10 ⁻⁵	-0.013(0.007)	6.10x10 ⁻²	0.0001(0.0000)	6.66x10 ⁻²	-0.015(0.005)	1.63x10 ⁻³
	MetaboChip	-0.008(0.002)	4.04x10 ⁻⁴	-0.010(0.007)	1.54x10 ⁻¹	0.0001(0.0000)	2.14x10 ⁻²	-0.014(0.005)	4.59x10 ⁻³
	TransEthnic	-0.010(0.002)	2.91x10 ⁻⁵	-0.013(0.007)	5.30x10 ⁻²	0.0001(0.0000)	5.89x10 ⁻²	-0.015(0.005)	1.29x10 ⁻³
GRS-BC									
	Unweighted	-0.015(0.004)	1.46x10 ⁻⁵	-0.018(0.010)	7.51x10 ⁻²	0.0001(0.0001)	1.26x10 ⁻¹	-0.019(0.007)	7.33x10 ⁻³
	AGEN-T2D	-0.019(0.003)	6.34x10 ⁻⁸	-0.022(0.010)	2.62x10 ⁻²	0.0001(0.0001)	1.75x10 ⁻¹	-0.023(0.007)	9.26x10 ⁻⁴
	DIAGRAMv3	-0.022(0.003)	6.28x10 ⁻¹¹	-0.033(0.010)	7.54x10 ⁻⁴	0.0001(0.0001)	4.52x10 ⁻¹	-0.029(0.007)	2.30x10 ⁻⁵
	MetaboChip	-0.023(0.003)	2.15x10 ⁻¹¹	-0.034(0.010)	4.13x10 ⁻⁴	0.0000(0.0001)	5.22x10 ⁻¹	-0.030(0.007)	1.68x10 ⁻⁵
	TransEthnic	-0.022(0.003)	2.14x10 ⁻¹¹	-0.031(0.009)	9.73x10 ⁻⁴	0.0001(0.0001)	3.36x10 ⁻¹	-0.029(0.007)	1.69x10 ⁻⁵
GRS-IR									
	Unweighted	-0.011(0.008)	1.40x10 ⁻¹	-0.014(0.021)	5.26x10 ⁻¹	0.0000(0.0002)	9.42x10 ⁻¹	-0.054(0.015)	3.79x10 ⁻⁴
	AGEN-T2D	-0.005(0.007)	4.57x10 ⁻¹	-0.001(0.021)	9.52x10 ⁻¹	0.0000(0.0001)	8.26x10 ⁻¹	-0.041(0.015)	4.88x10 ⁻³
	DIAGRAMv3	-0.018(0.009)	3.61x10 ⁻²	-0.041(0.023)	7.48x10 ⁻²	-0.0002(0.0002)	1.40x10 ⁻¹	-0.067(0.016)	3.48x10 ⁻⁵
	MetaboChip	-0.016(0.009)	8.80x10 ⁻²	-0.031(0.024)	1.99x10 ⁻¹	-0.0002(0.0002)	3.05x10 ⁻¹	-0.069(0.017)	5.04x10 ⁻⁵
	TransEthnic	-0.016(0.009)	7.82x10 ⁻²	-0.028(0.024)	2.58x10 ⁻¹	-0.0001(0.0002)	5.32x10 ⁻¹	-0.070(0.017)	5.05x10 ⁻⁵

Adjusting for age, age², sex and region