Supplementary Information

Association between *PPAR-γ2* Pro12Ala genotype and insulin resistance is modified by circulating lipids in Mexican children

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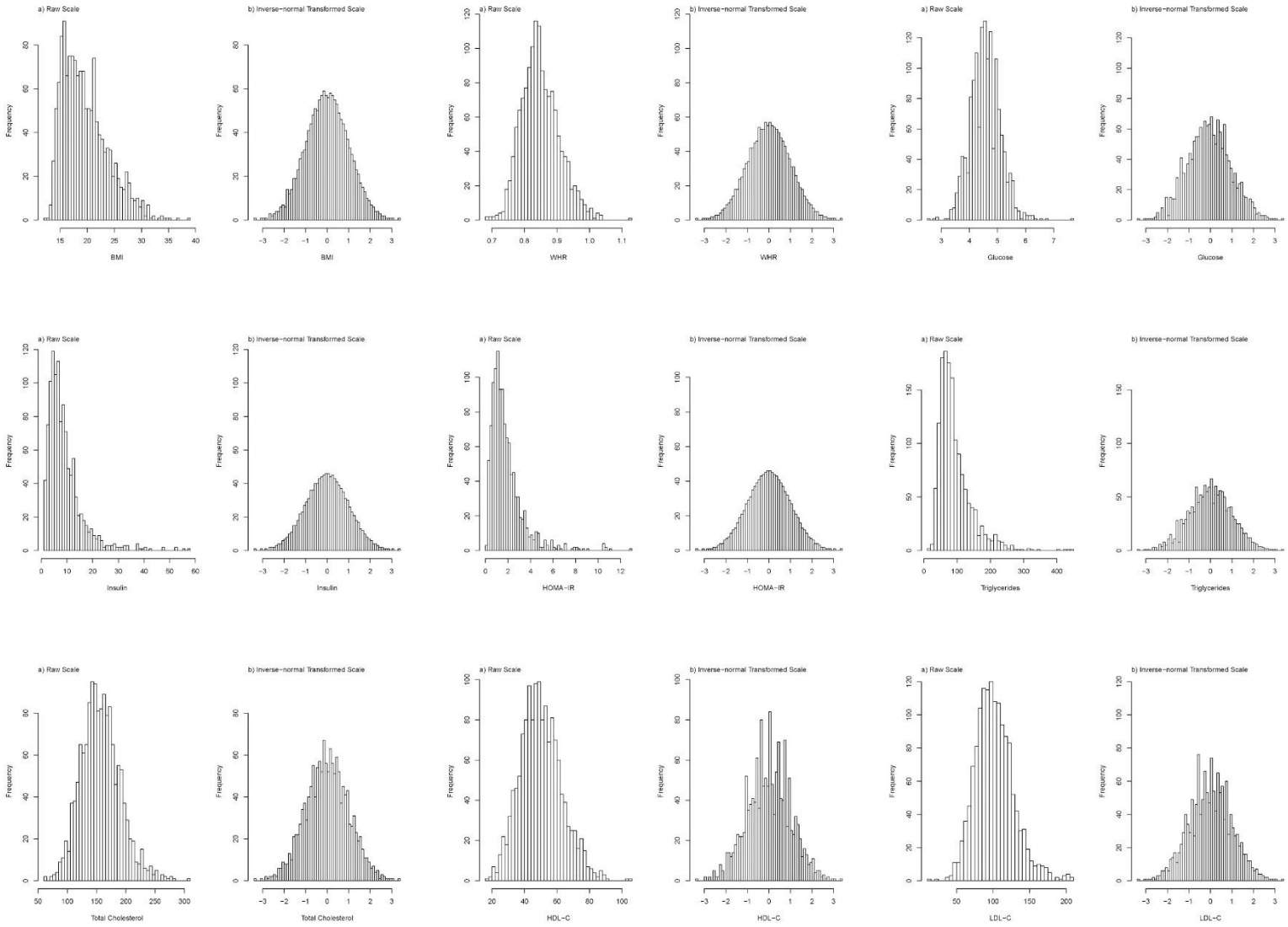
Supplementary Table S1: Power calculation for the main effect of *PPAR-γ2* rs1801282 on BMI.

MAF	Beta	Sample Size (unadjusted)[a]	Sample Size (adjusted)[b]	Interaction Sample Size (unadjusted)[a]	Interaction Sample Size (adjusted)[b]
0.14	0.50	2296	4495	118	230
	0.60	1596	3119	79	155
	0.70	1169	2290	56	109
	0.80	894	1751	41	80
	0.90	706	1382	31	60

Abbreviations: MAF, minor allele frequency

[a] power calculation unadjusted for multiple testing (2 sided p-value = 0.05, 80% power)

[b] power calculation adjusted for multiple testing (2 sided p-value = 2.08×10^{-3}, 80% power)



Supplementary Figure S1: Histograms illustrating raw distribution (panel A) and corrected distributions following inverse normal transformations (panel B) of variables of interest.