

Table 5a. Comparison of the clinical and biochemical characteristics (mean±SD) in GDM pregnant women according to the different genotypes of the rs10830963 MTNR1B polymorphism (CC, CG, GG). Statistical significance is set at 0.05. P₁ and P₂ refer to the comparison of the wild-type genotype (CC) with the CG and the GG genotype, respectively. P₃ refers to the comparison between the CG and the GG genotypes

rs10830963 (C/G)	CC	CG	GG	P
Age (year)	35±4.15	35.83±4.39	34.4±4.76	P ₁ = 0.188 P ₂ = 0.844 P ₃ = 0.193
Pregnancy BMI (kg/m ²)	25.05±3.79	25.27±4.88	26.84±5.91	P ₁ = 0.065 P ₂ = 0.061 P ₃ = 0.852
Weight gain (kg)	6.67±4.19	7.67±6.41	7.03±4.79	P ₁ = 0.752 P ₂ = 0.987 P ₃ = 0.780
Fasting plasma glucose (mg/dl)	96.58±14.16	96.45±25.24	95.28±14.94	P ₁ = 0.123 P ₂ = 0.053 P ₃ = 0.432
Fasting insulin (μU/ml)	15.01±12.37	15.18±9.18	15.42±4.86	P ₁ = 0.978 P ₂ = 0.759 P ₃ = 0.978
HOMA-IR ^a	2.5±0.95	2.65±0.92	2.35±0.49	P ₁ = 0.889 P ₂ = 0.581 P ₃ = 0.628