

Table 5b. Comparison of the clinical and biochemical characteristics (mean±SD) in GDM pregnant women with different genotypes of the rs1387153 MTNR1B polymorphism (CC, CT, TT). Statistical significance is set at 0.05. P₁ and P₂ refer to the comparison of the wild-type genotype (CC) with the CT and the TT genotype, respectively. P₃ refers to the comparison between the CT and the TT genotypes

rs1387153 (C/T)	CC	CT	TT	P
Age (year)	34.83±4.73	35.54±4.09	34.91±4.8	P ₁ = 0.796 P ₂ = 0.443 P ₃ = 0.619
Pregnancy BMI (kg/m ²)	26.61±5.67	25.75±5.92	24.06±3.46	P ₁ = 0.224 P ₂ = 0.030 P ₃ = 0.264
Weight gain (kg)	7.16±5.05	7.54±5.75	6.5±5.12	P ₁ = 0.332 P ₂ = 0.764 P ₃ = 0.265
Fasting glucose (mg/dl)	96.09±16.86	94.5±23.48	99.09±14.15	P ₁ = 0.130 P ₂ = 0.208 P ₃ = 0.865
Fasting insulin (μU/ml)	17.4±10.9	10.62±3.22	10.02±6.19	P ₁ = 0.183 P ₂ = 0.176 P ₃ = 0.916
HOMA-IR	2.95±0.92	2.07±0.83	1.75±0.64	P ₁ = 0.107 P ₂ = 0.100 P ₃ = 0.900