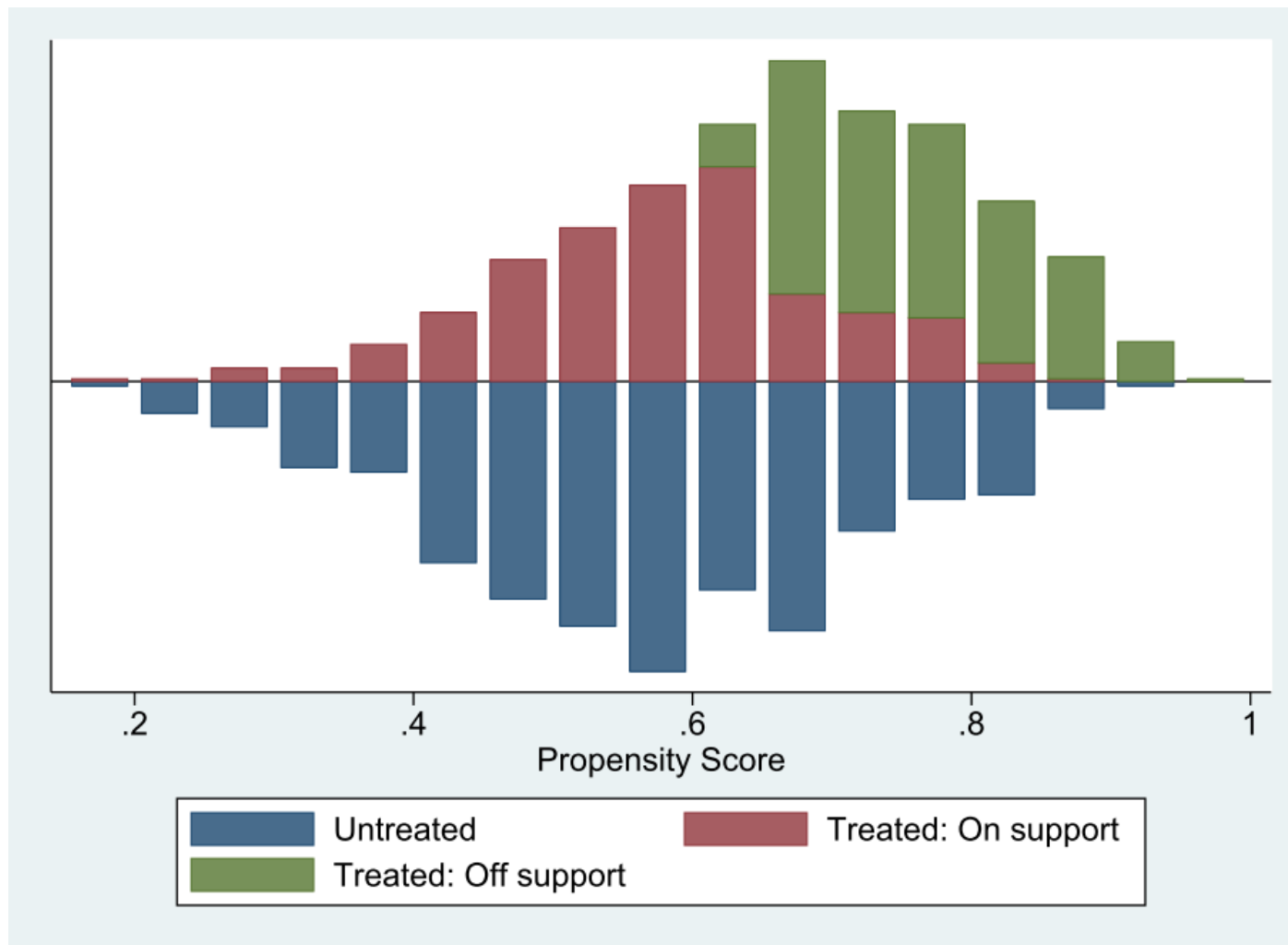**Supplementary Figure 1.** Propensity score graph after matching age, sex, body mass index and total cholesterol.

Supplementary Table 1. The genotype and allele distributions of polymorphism rs751141 between cases and controls, as well as its risk prediction for hypertension risk after using propensity score matching method.

rs751141	Cases	Controls	P	OR (95% CI) P	Model	OR (95% CI) P
Genotype						
GG	256 (63.68%)	213 (53.12%)		Reference	Additive	0.72 (0.57, 0.90) 0.004
GA	122 (30.35%)	155 (38.65%)	0.010	0.65 (0.49, 0.88) 0.006	Dominant	0.65 (0.49, 0.86) 0.002
AA	24 (5.97%)	33 (8.23%)		0.61 (0.34, 1.06) 0.077	Recessive	0.71 (0.41, 1.22) 0.214
Allele						
G	634 (78.86%)	581 (72.44%)	0.003	Reference		
A	170 (21.14%)	221 (27.56%)		0.70 (0.56, 0.89) 0.003		

Abbreviations: OR, odds ratio; 95% CI, 95% confidence interval.