**S1 Table.** **Moderation Effect Analysis,** when genotypes act as a moderator while obesity is independent variable and NPS is response variable.

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| --- |
|  **Genotype Effect t-statisctics CI Lower-Upper level) P-value** |
|  Moderation AA -8.089 -6.583 95% ( -10.524 -5.654) P<0.000  |
|  Moderation AT/TT -5.216 -7.085 95% (-6.675 -3.757 P<0.000  |