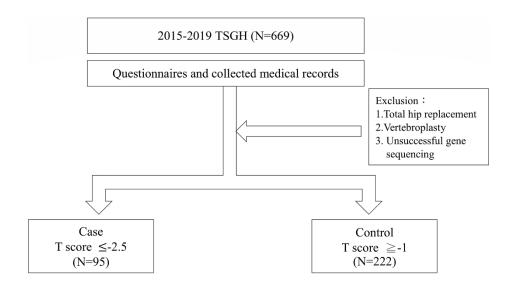
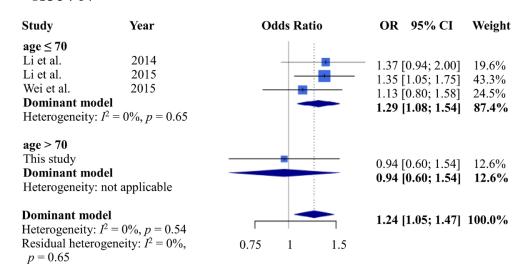
## **SUPPLEMENTARY FIGURES**



Supplementary Figure 1. Enrollment flowchart for case-control study

## **A** rs35767



## **B** rs2288377

Study	Year	<b>Odds Ratio</b>	OR 95% CI	Weight
age ≤ 70 Li et al. Li et al. Dominant mo Heterogeneity:	2014 2015 <b>del</b> $I^2 = 0\%, p = 0.65$		- 1.14 [0.67; 1.93] 1.27 [0.91; 1.79] <b>1.23 [0.93; 1.64]</b>	
age > 70 This study Dominant moderates the study			1.16 [0.73; 1.83] 1.16 [0.60; 1.83]	
	<b>del</b> $I^2 = 0\%$ , $p = 0.92$ ogeneity: $I^2 = 0\%$	0.75 1 1.5	1.21 [0.95; 1.54]	100.0%

## **c** rs5742612

Study	Year	<b>Odds Ratio</b>	OR 95% CI	Weight
age ≤ 70 Li et al. Li et al. Dominant mo Heterogeneity:	2014 2015 <b>del</b> $I^2 = 0\%, p = 0.75$		- 1.06 [0.64; 1.74] - 1.16 [0.84; 1.61] 1.13 [0.86; 1.48]	21.9% 51.8% <b>73.7%</b>
<ul><li>age &gt; 70</li><li>This study</li><li>Dominant model</li><li>Heterogeneity: not applicable</li></ul>		-	- 1.08 [0.69; 1.70] - 1.16 [0.69; 1.70]	26.3% <b>26.3%</b>
<b>Dominant model</b> Heterogeneity: $I^2 = 0\%$ , $p = 0.94$ Residual heterogeneity: $I^2 = 0\%$ , $p = 0.75$		0.75 1 1.5	1.12 [0.88; 1.41]	100.0%

Supplementary Figure 2. Forest plot of the association between IGF-1 and OP stratified by age using dominant model. (A) The forest plot is based on rs35767 dominant model assumption (CT+TT vs. CC) stratified by age. (B) The forest plot is based on rs2288377 dominant model assumption (AT+TT vs AA) stratified by age. (C) The forest plot is based on rs5742612 dominant model assumption (TC+CC vs. TT) stratified by age.