

**Supplemental Digital Content 10. Forest plot of the *COL1A1* rs1107946 polymorphism and lumbar spine bone mineral density for CC vs. AC (a), AC vs. AA (b), and CC vs. AA (c).** Heterogeneity among the study was assessed using the *I*2 statistic. The pooled mean differences of bone mineral density between the genotypes were examined by the inverse variance method and the random-effects model.