

**Supplemental Digital Content 9. Association of the *COL1A1* rs1107946 polymorphism with BMD in males (a), females (b), pre-menopausal females (c) and post-menopausal females (d).** \*Additive model, *P*-value by ANCOVA after adjustment for age and body mass index. BMD, bone mineral density. The error bars show SD.