

**Figure 5** Overall association between BMI z score at 11 years, fat mass and bone mineral density at age18 among males (N=1601). The 1993 Pelotas Birth Cohort. Brazil.

 $\beta$  - linear regression coefficient; 95%CI - 95% confidence interval; *p*-value from Wald's test; BMI - body mass index; BMD - bone mineral density; \*According to the World Health Organization for children and teenagers from 5 to 19 years