**Figure 5** Overall association between BMI z score at 11 years, fat mass and bone mineral density at age 18 among males (N=1601). The 1993 Pelotas Birth Cohort. Brazil.

\[ \beta = 0.030 \quad (95\%CI 0.024; 0.035) \quad p<0.001 \]

\[ \beta = 4.540 \quad (95\%CI 4.272; 4.808) \quad p<0.001 \]

\[ \beta = -0.002 \quad (95\%CI -0.002; -0.001) \quad p<0.001 \]

**β** - 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