**Table 5** Logistic regression model for detection of independent risk factors for femoral osteoporosis in postmenopausal women in Cairo (final model)

| Risk factor | B | SE | P | OR | 95% CI |
|---|---|---|---|---|---|
| Age at menopause | 0.096 | 0.037 | 0.010 | 1.100 | 1.024–1.183 |
| Duration of menopause | 0.126 | .025 | < 0.001 | 1.134 | 1.080–1.190 |
| Height | −0.059 | .026 | 0.020 | 0.943 | 0.897–0.991 |
| Overweight | −1.243 | 0.332 | < 0.001 | 0.289 | 0.151–0.553 |
| Constant | 1.891 | 4.362 | 0.665 | 6.629 | |

*Hosmer and Lemeshow test: $\chi^2$ = 8.323, P = 0.403.*

*B = regression coefficient; SE = standard error; OR = odds ratio; CI = confidence interval.*