**Table 4** Logistic regression analysis of factors associated with overall spousal violence among women in Alexandria Governorate, 2010

| Characteristic | Adjusted OR | 95% CI |
|---|---|---|
| *Family size* | | |
| 1–3[a] | | |
| 4–7 | 1.55** | 1.21–1.92 |
| ≥ 8 | 1.80** | 1.34–2.27 |
| *Exposure to physical violence since age 15 years* | | |
| Yes | 3.27** | 2.58–3.93 |
| No[a] | | |
| *Husband's education* | | |
| Illiterate or just read & write | 1.59** | 1.18–1.99 |
| Primary & preparatory | 1.49** | 1.11–1.85 |
| Secondary | 1.43* | 1.16–1.95 |
| University & postgraduate[a] | | |
| *Marital status* | | |
| Married[a] | | |
| Divorced/separated | 5.58** | 2.62–11.50 |
| Widowed | 0.66** | 0.43–0.94 |
| *Husband smokes* | | |
| Yes | 1.84** | 1.54–2.33 |
| No[a] | | |
| *Husband's addiction* | | |
| Yes | 10.34** | 4.54–23.4 |
| No[a] | | |
| *Husband being treated for psychological illness* | | |
| Yes | 2.78* | 1.12–4.51 |
| No[a] | | |

*Significance of coefficients: \*P < 0.05, \*\*P < 0.01; model is significant at chi-squared < 0.05.*
*[a]Reference category.*
*OR = odds ratio; CI = confidence interval.*