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| **Supplemental Material 1**. Relative risk of suicide by sex in Iran; Results of Besag, York, and Mollié (BYM) model using 11 years aggregate data |
| **Province** | **Total** | **Female** | **Male** |
| West Azarbaijan(1) | 1.55 | 1.504 | 1.45 |
| East Azarbaijan(2) | 1.19 | 1.171 | 0.88 |
| Bushehr(3) | 1.34 | 0.953 | 1.22 |
| Charmahal&Bakhtiari(4) | 0.6 | 0.78 | 0.65 |
| Isfahan(5) | 1.01 | 0.9994 | 1.13 |
| Fars(6) | 0.77 | 0.4946 | 0.82 |
| Ghazvin(7) | 0.8 | 0.9727 | 1.07 |
| Gilan(8) | 1.1 | 0.6854 | 1.06 |
| Golestan(9) | 1.45 | 1.328 | 1.78 |
| Hamadan(10) | 1.01 | 1.068 | 0.78 |
| Hormozgan(11) | 2.37 | 1.214 | 2.17 |
| Ilam(12) | 0.51 | 0.5022 | 0.56 |
| Kerman(13) | 4.58 | 5.919 | 2.99 |
| Kermanshah(14) | 0.81 | 0.4889 | 0.64 |
| South Khorasan(15) | 2.83 | 4.26 | 3.26 |
| Razavi Khorasan(16) | 0.81 | 0.7461 | 0.49 |
| North Khorasan(17) | 0.6 | 0.4959 | 0.63 |
| Khuzestan(18) | 1.06 | 0.8662 | 0.82 |
| Kohgiluyeh&Boyer-Ahmad(19) | 1.24 | 1.194 | 1.05 |
| Kurdistan(20) | 2.35 | 2.031 | 1.73 |
| Lorestan(21) | 1.13 | 1.73 | 0.95 |
| Markazi(22) | 2.61 | 3.651 | 1.99 |
| Mazandaran(23) | 0.64 | 0.5033 | 0.72 |
| Qom(24) | 0.84 | 0.8909 | 0.79 |
| Semnan(25) | 0.78 | 0.4904 | 0.92 |
| Sistan&Blouchestan(26) | 0.62 | 0.5512 | 0.66 |
| Tehran(27) | 0.55 | 0.5372 | 0.42 |
| Yazd(28) | 0.5 | 0.5666 | 0.70 |
| Zanjan(29) | 0.61 | 0.3984 | 0.60 |
| (30) | 1.22 | 1.036 | 1.31 |