

eFigure 1.Cumulative Mortality in offspring exposed and unexposed to prenatal maternal bereavement.

eTable 1**.** Prenatal maternal bereavement and mortality rate ratios (MRRs) in offspring by relationship to the deceased relative and cause of death of the deceased relative in a sibling-matched analysis

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| --- | --- | --- | --- |
| Outcome(offspring mortality) | Exposure (death of relative) | Crude MRR | Adjusted MRRa (95%CI) |
| All death |  |  |  |
|  | Unexposed |  |  |
|  | Exposed (all) | 1.13 | 1.12(1.04-1.20) |
|  | Type of the relationship |  |  |
|  | A child/spouse | 1.84 | 1.47(1.30-1.65) |
|  | Mother´s sibling/parent | 0.95 | 1.00(0.92-1.09) |
| Natural death |  |  |  |
|  | Unexposed |  |  |
|  | Exposed (all) | 1.22 | 1.19(1.10-1.30) |
|  | Type of the relationship |  |  |
|  | A child/spouse | 2.36 | 1.79(1.56-2.05) |
|  | Mother´s sibling/parent | 0.95 | 1.00(0.90-1.11) |
| Unnatural death |  |  |  |
|  | Unexposed |  |  |
|  | Exposed (all) | 0.96 | 1.01(0.89-1.15) |
|  | Type of the relationship |  |  |
|  | A child/spouse | 1.16 | 1.00(0.77-1.29) |
|   | Mother´s sibling/parent | 0.90 | 1.02(0.87-1.18) |

a: Adjusted for preterm birth, birth weight, maternal age , parity, Apgar score at 5 minutes, maternal education , maternal social status , maternal smoking during pregnancy, country of birth ,sex of child, birth year of child