Table S1 Hypertension examplea

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Hypertension | |
| age | BMI | Yes | No |
| 1 | 1 | 278 | 743 |
| 1 | 0 | 100 | 581 |
| 0 | 1 | 153 | 1232 |
| 0 | 0 | 79 | 1731 |

a data was from the example presented by Guang Yong Zou (Zou, 2008)

Table S2 The coefficients and GDEV of the hypertension example

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model |  |  |  | GDEV |
|  | 1.327 | 1.000 | 2.104 | 3375.70 |
|  | 1.638 | 1.164 | 1.99 | 3388.79 |

Table S3 Congenital heart defect examplea

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Secondhand Smoke | |
| Household Per Capita Monthly Income | Congenital Heart Defect | Yes | No |
| ≤2000 | Yes | 425 | 1863 |
| ≤2000 | No | 210 | 1773 |
| ＞2000 | Yes | 598 | 1840 |
| ＞2000 | No | 522 | 2221 |

a data was from the example presented by Zhi Qiang Nie (Nie et al., 2016)

Table S4 The coefficients and GDEV of the Congenital heart defect example

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model |  |  |  | GDEV |
|  | 0.238 | 0.324 | 0.893 | 12985.81 |
|  | 0.287 | 0.459 | 0.650 | 13000.69 |