S2 Table: The amount of unmeasured confounding (as a risk ratio) between mediator and outcome needed to explain away total, direct and indirect effects. Estimates for underweight estimates are not presented as the total effects were not significant. The e-value is also not estimated when the effect is not significant.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BMI Category** | **Overweight** | | **Obese** | |
|  | E-value point estimate | E-value CI lower bound | E-value point estimate | E-value CI lower bound |
| Total effect | 1.77 | 1.43 | 2.59 | 2.18 |
| Natural direct | - | - | 1.54 | 1.17 |
| Natural indirect | 1.52 | 1.34 | 2.16 | 1.95 |
| **Adjusted\*** |  |  |  |  |
| Total effect | 1.74 | 1.39 | 2.48 | 2.06 |
| Natural direct | - | - | 1.63 | 1.28 |
| Natural indirect | 1.44 | 1.25 | 1.97 | 1.75 |
| **Adjusted\*\*** |  |  |  |  |
| Total effect | 1.73 | 1.39 | 2.47 | 2.05 |
| Natural direct | 1.45 | 1.05 | 1.65 | 1.29 |
| Natural indirect | 1.44 | 1.24 | 1.94 | 1.73 |

|  |
| --- |
| \* adjusted for chronic hypertension, smoking, substance/alcohol use, prior stillbirth, prior preterm birth, parity, maternal age,  year of birth, chronic diseases, asthma |
| \*\* adjusted also for pre-pregnancy diabetes, congenital anomalies |