**Supplemental Table 1: Summary of literature search strategy**

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| Database | Search terms |
| Pubmed Science-direct Web of Science  | (“caesarean section” OR “cesarean section” OR “caesarean delivery” OR “cesarean delivery” OR “Planned cesarean” OR “planned caesarean” OR “elective caesarean” OR “elective cesarean”) AND ( “weight” OR “fat\*” OR “adiposity” OR “obesity” OR “BMI” “physical growth” “physical development”) AND (“child\*” OR “adolescen\*” OR “infant” OR “toddler” OR “offspring”) |
| CNKI Wanfang Database (in Chinese)China Biology Medicine disc databases | Similar Chinese technical terms were adopted to search for eligible articles. |