**Table S1.** The selected variables used in this study

|  |
| --- |
| **Variables** |
| Total children ever born |
| Age at first marriage or cohabitation (Age1stmar) |
| Sex of child (Kidsex) |
| Religion |
| Ever had a pregnancy terminated via abortion, miscarriage or stillbirth (Pregterm) |
| Age of respondent at the time of first birth (Age1stbirth) |
| A child is twin or single birth |
| Fertility preferences (Fp) |
| Currently pregnant |
| Region |
| Age of household head (Hhha) |
| Urban-rural status |
| Currently working |
| Woman’s occupation (Woc) |
| Educational level |
| Whether and when this child’s pregnancy is wanted (Childdesire) |
| Child is alive (Kidalive) |

**Table S2.** Variables and categories of the total children ever born

|  |  |
| --- | --- |
| **Predictors** | **Categories** |
| Urban (Reference=Urban) | Rural |
| Region (Reference=South West) | North Central  North East  North West  South East  South-South |
| Religion (Reference= Muslim/Islam) | Christian/Others |
| Pregterm (Reference=Yes) | No |
| Woc (Reference=Sales worker) | Not currently working  Professional worker/Others |
| Fp (Reference=Undecided/Others) | Have another |
| Childdesire (Reference=Wanted then) | Wanted later /No more |
| Kidsex (Reference=Male) | Female |
| Kidalive (Reference=Yes) | No |
| Kidtwin (Reference= Single birth) | Multiple birth |
| Educ (Reference=Secondary/Higher) | No education  Primary |
| Hhha |  |
| Age1stmar |  |
| Age1stbirth |  |
| Age1stmar\*Fp (Reference= Undecided/Others) | Have another |
| Region (Reference= South West)\*Fp (Reference=Undecided/Others) | North Central\*Have another  North East\*Have another  North West\*Have another  South East\*Have another  South-South\*Have another |
| Pregterm (Reference= Yes)\*Woc (Reference=Sales worker) | No\* Not currently working  No\* Professional worker |
| Fp (Reference=Undecided/Others)\*Kidtwin (Reference=Single birth) | Have another\*Multiple birth |
| Chiddesire(Reference=Wanted later)\*Educ(Reference=Secondary/Higher) | Wanted later/No more\*No Education  Wantedlater/No more\*Primary |
| Kidalive (Reference=Yes)\*Educ (Reference=Secondary/Higher) | No\*No Education  No\*Primary |