Table 1: Variable Descriptions

Our data, FERTIL2.RAW, was obtained from the Wooldridge Textbook. The data collected is from Botswana’s 1988 Demographic and Health Survey and there are 4361 observations used for each variable.

|  |  |  |
| --- | --- | --- |
| **Variable Name (per woman)** | **Label** | **Description** |
| Ideal number of children | idlnchld | Ideal number of children desired per woman |
| Education | educ | Woman’s education measured in years |
| Age | age | Woman’s age measured in years |
| Radio | radio | = 1 if the woman owns a radio  = 0 if the woman does not own  a radio |
| Tv | tv | = 1 if the woman owns  a TV  = 0 if the woman does not have a TV |
| Children ever born | ceb | Number of children ever born per woman |
| Number of living children | children | Number of children still alive per woman |
| Know about contraceptive methods | knowmeth | =1 if knows about contraceptive methods  =0 if does not know about contraceptive methods |
| Husband's years of education | heduc | Husband’s education measured in years |
| Age squared | agesq | Woman’s age measured in years squared |
| Living in an urban area | urban | =1 if woman lives in urban area  =0 if woman does not live in urban area |
| urban\*education | urbeduc | Interaction Term between woman’s education in years and if they live in an urban area (=1 if urban). |
| Death of Children | chdth | Variable we have generated by subtracting number of living children from children ever born per woman ( ceb - children) in order to infer about child mortality within the family and how it affects ideal number of children per woman. |
| Age at First Birth | agfbrth |  |
| Age at First Birth Squared | agfbrthsq |  |

\* Botswana’s 1988 Demographic and Health Survey

\*\*Botswana, 1988