Appendix C: Supplementary Material

Gendered Fertility Intentions and Child Schooling: Insights on the Quantity-Quality Trade-off from Ethiopia

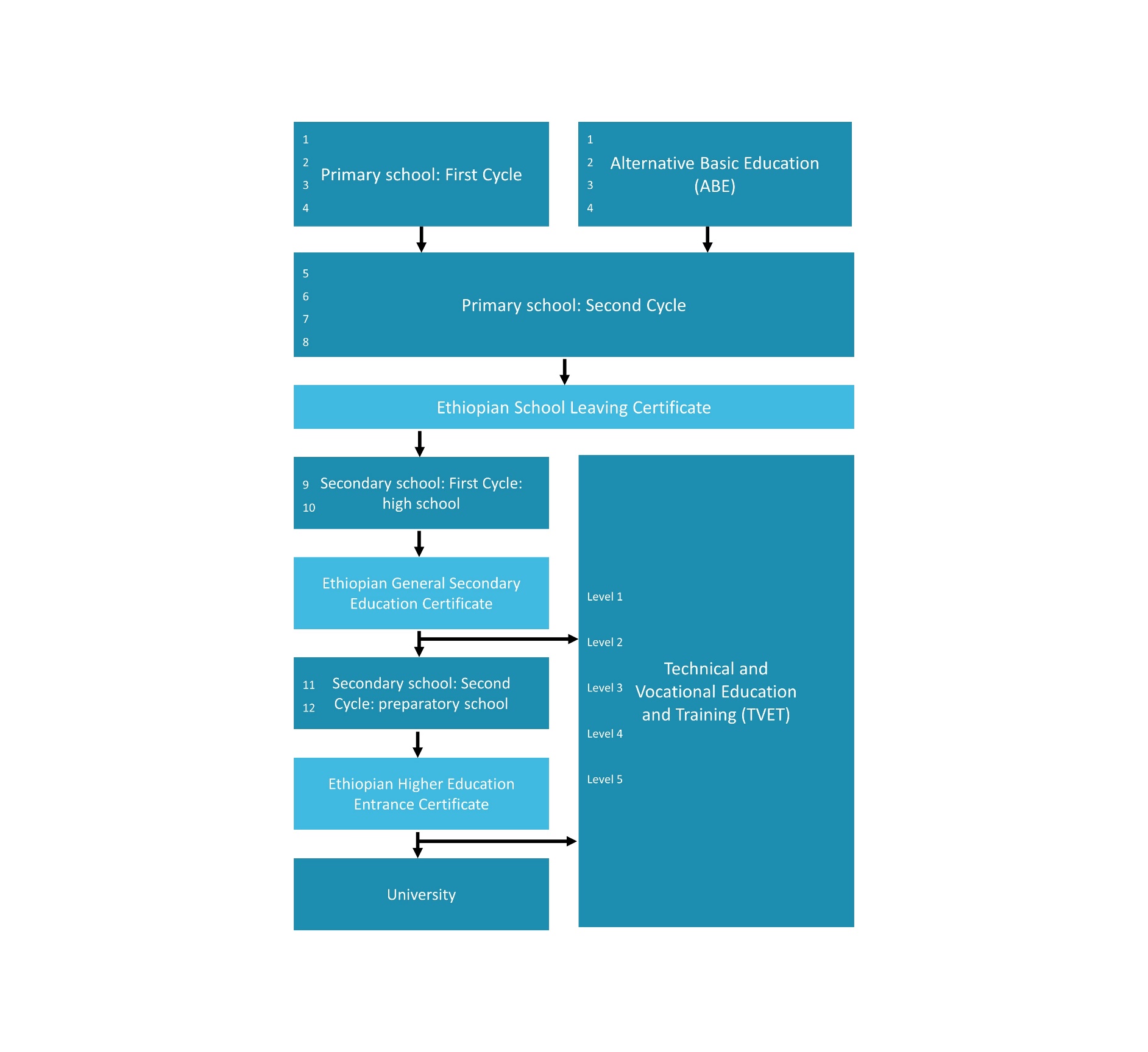
Eva Boonaert\*, Kaat Van Hoyweghen, Ashenafi Duguma Feyisa, Peter Goos, Miet Maertens

⁎ Corresponding author. E-mail address: [*eva.boonaert@kuleuven.be*](mailto:eva.boonaert@kuleuven.be). Telephone number: +3216194986. Correspondence to: Celestijnenlaan 200E bus 2411, 3001 Leuven, Belgium.

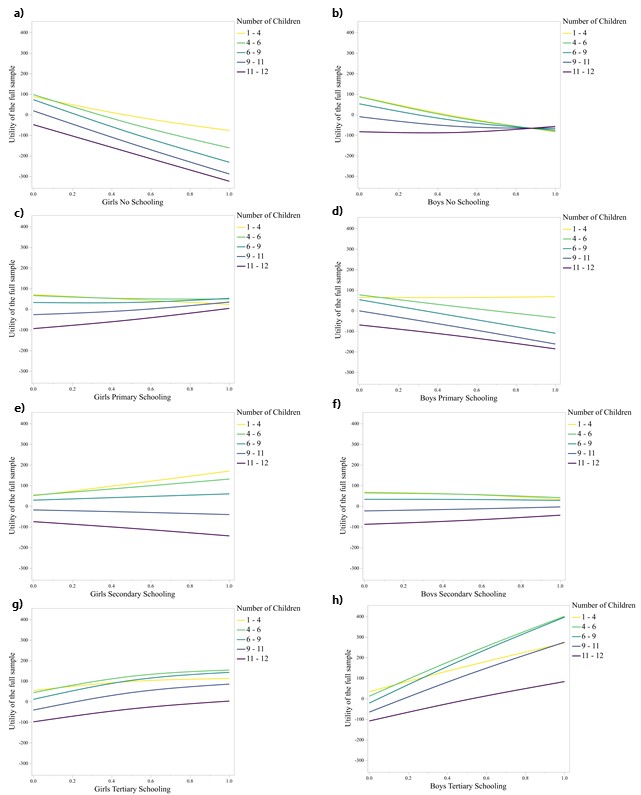
*Table C1: Experimental design of the DCE*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | |  | | Option A | | | | | | | | |  | |  | | Option B | | | | | | | | |
| Block | Set | a | x1 | | x11 | | x12 | x13 | x14 | x2 | x21 | x22 | x23 | x24 | a | x1 | | x11 | | x12 | x13 | x14 | x2 | x21 | x22 | x23 | x24 |
| 1 | 1 | 1 | 0 | | 0 | | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 3 | | 1 | | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  | 2 | 1 | 1 | | 0 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | | 0 | | 0 | 1 | 0 | 3 | 0 | 0 | 1 | 2 |
|  | 3 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 0 | 2 | 0 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 0 | 2 | 1 | 0 |
|  | 4 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 2 | 10 | 6 | | 0 | | 0 | 0 | 6 | 4 | 4 | 0 | 0 | 0 |
|  | 5 | 3 | 3 | | 1 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | | 1 | | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 |
|  | 6 | 2 | 0 | | 0 | | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 8 | 6 | | 0 | | 0 | 0 | 6 | 2 | 2 | 0 | 0 | 0 |
|  | 7 | 3 | 3 | | 0 | | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | | 2 | | 2 | 0 | 0 | 6 | 2 | 0 | 0 | 4 |
|  | 8 | 5 | 3 | | 1 | | 0 | 2 | 0 | 2 | 1 | 0 | 1 | 0 | 12 | 8 | | 4 | | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 4 |
|  | 9 | 5 | 4 | | 0 | | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 12 | 8 | | 4 | | 0 | 4 | 0 | 4 | 0 | 0 | 4 | 0 |
|  | 10 | 5 | 4 | | 0 | | 0 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 5 | 4 | | 2 | | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
|  | 11 | 2 | 2 | | 0 | | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | | 0 | | 4 | 0 | 0 | 6 | 0 | 0 | 6 | 0 |
|  | 12 | 9 | 6 | | 3 | | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 12 | 6 | | 2 | | 0 | 0 | 4 | 6 | 2 | 0 | 0 | 4 |
| 2 | 1 | 5 | 1 | | 1 | | 0 | 0 | 0 | 4 | 1 | 3 | 0 | 0 | 5 | 4 | | 1 | | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
|  | 2 | 5 | 4 | | 1 | | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 12 | 4 | | 0 | | 4 | 0 | 0 | 8 | 2 | 0 | 0 | 6 |
|  | 3 | 1 | 0 | | 0 | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 3 | | 0 | | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
|  | 4 | 1 | 1 | | 0 | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | | 2 | | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
|  | 5 | 10 | 6 | | 2 | | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 4 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 1 | 1 | 0 |
|  | 6 | 10 | 4 | | 4 | | 0 | 0 | 0 | 6 | 0 | 0 | 6 | 0 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 0 | 0 | 3 | 0 |
|  | 7 | 8 | 2 | | 0 | | 0 | 0 | 2 | 6 | 0 | 2 | 4 | 0 | 12 | 8 | | 0 | | 0 | 8 | 0 | 4 | 0 | 0 | 4 | 0 |
|  | 8 | 12 | 4 | | 0 | | 4 | 0 | 0 | 8 | 4 | 0 | 4 | 0 | 3 | 3 | | 1 | | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | 9 | 3 | 2 | | 1 | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 12 | 4 | | 4 | | 0 | 0 | 0 | 8 | 0 | 4 | 0 | 4 |
|  | 10 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 9 | 6 | | 0 | | 3 | 3 | 0 | 3 | 0 | 0 | 3 | 0 |
|  | 11 | 3 | 1 | | 0 | | 0 | 1 | 0 | 2 | 1 | 0 | 1 | 0 | 5 | 1 | | 1 | | 0 | 0 | 0 | 4 | 1 | 0 | 3 | 0 |
|  | 12 | 2 | 0 | | 0 | | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 12 | 6 | | 0 | | 0 | 0 | 6 | 6 | 0 | 0 | 6 | 0 |
| 3 | 1 | 2 | 1 | | 0 | | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 5 | 1 | | 0 | | 1 | 0 | 0 | 4 | 2 | 0 | 0 | 2 |
|  | 2 | 3 | 3 | | 1 | | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | | 0 | | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | 3 | 2 | 1 | | 0 | | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 2 |
|  | 4 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 0 | 1 | 1 | 5 | 2 | | 0 | | 2 | 0 | 0 | 3 | 2 | 0 | 1 | 0 |
|  | 5 | 10 | 6 | | 0 | | 4 | 0 | 2 | 4 | 4 | 0 | 0 | 0 | 4 | 3 | | 0 | | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 |
|  | 6 | 5 | 1 | | 1 | | 0 | 0 | 0 | 4 | 1 | 0 | 0 | 3 | 12 | 4 | | 0 | | 4 | 0 | 0 | 8 | 4 | 0 | 0 | 4 |
|  | 7 | 3 | 1 | | 0 | | 0 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 5 | 4 | | 1 | | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
|  | 8 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 2 | 0 | 0 | 5 | 3 | | 0 | | 1 | 2 | 0 | 2 | 2 | 0 | 0 | 0 |
|  | 9 | 12 | 4 | | 0 | | 0 | 4 | 0 | 8 | 4 | 0 | 4 | 0 | 2 | 1 | | 0 | | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
|  | 10 | 5 | 1 | | 0 | | 0 | 1 | 0 | 4 | 2 | 2 | 0 | 0 | 12 | 4 | | 4 | | 0 | 0 | 0 | 8 | 0 | 0 | 4 | 4 |
|  | 11 | 5 | 2 | | 1 | | 0 | 0 | 1 | 3 | 1 | 2 | 0 | 0 | 12 | 8 | | 0 | | 0 | 8 | 0 | 4 | 0 | 0 | 0 | 4 |
|  | 12 | 2 | 1 | | 0 | | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 9 | 6 | | 0 | | 0 | 0 | 6 | 3 | 0 | 0 | 0 | 3 |
| 4 | 1 | 10 | 4 | | 0 | | 4 | 0 | 0 | 6 | 2 | 0 | 4 | 0 | 5 | 2 | | 2 | | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 |
|  | 2 | 2 | 1 | | 0 | | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 12 | 4 | | 0 | | 0 | 0 | 4 | 8 | 4 | 0 | 0 | 4 |
|  | 3 | 1 | 1 | | 0 | | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 4 | | 0 | | 0 | 0 | 4 | 8 | 0 | 8 | 0 | 0 |
|  | 4 | 3 | 0 | | 0 | | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 1 | 8 | 6 | | 0 | | 6 | 0 | 0 | 2 | 2 | 0 | 0 | 0 |
|  | 5 | 10 | 6 | | 4 | | 0 | 0 | 2 | 4 | 0 | 4 | 0 | 0 | 3 | 1 | | 0 | | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 1 |
|  | 6 | 5 | 1 | | 1 | | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 5 | 4 | | 2 | | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 |
|  | 7 | 10 | 6 | | 4 | | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 4 | 12 | 8 | | 2 | | 0 | 0 | 6 | 4 | 0 | 4 | 0 | 0 |
|  | 8 | 9 | 6 | | 3 | | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 0 | 4 | 2 | | 0 | | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 |
|  | 9 | 8 | 2 | | 0 | | 2 | 0 | 0 | 6 | 0 | 4 | 0 | 2 | 12 | 4 | | 0 | | 0 | 0 | 4 | 8 | 4 | 0 | 4 | 0 |
|  | 10 | 8 | 4 | | 2 | | 2 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 5 | 4 | | 2 | | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
|  | 11 | 3 | 1 | | 0 | | 1 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 12 | 4 | | 0 | | 0 | 4 | 0 | 8 | 4 | 4 | 0 | 0 |
|  | 12 | 12 | 4 | | 4 | | 0 | 0 | 0 | 8 | 0 | 4 | 4 | 0 | 9 | 6 | | 0 | | 0 | 3 | 3 | 3 | 3 | 0 | 0 | 0 |
| 5 | 1 | 5 | 2 | | 2 | | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 12 | 8 | | 0 | | 4 | 4 | 0 | 4 | 4 | 0 | 0 | 0 |
|  | 2 | 12 | 8 | | 0 | | 0 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 5 | 1 | | 0 | | 0 | 0 | 1 | 4 | 2 | 0 | 2 | 0 |
|  | 3 | 1 | 0 | | 0 | | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 12 | 8 | | 0 | | 8 | 0 | 0 | 4 | 0 | 4 | 0 | 0 |
|  | 4 | 5 | 3 | | 0 | | 3 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | | 0 | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | 5 | 4 | 2 | | 1 | | 0 | 0 | 1 | 2 | 0 | 0 | 2 | 0 | 10 | 6 | | 0 | | 0 | 0 | 6 | 4 | 0 | 4 | 0 | 0 |
|  | 6 | 10 | 6 | | 2 | | 4 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 3 | 3 | | 1 | | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | 7 | 3 | 2 | | 0 | | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 10 | 4 | | 0 | | 0 | 4 | 0 | 6 | 4 | 0 | 0 | 2 |
|  | 8 | 3 | 3 | | 1 | | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | | 2 | | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 |
|  | 9 | 12 | 4 | | 0 | | 0 | 4 | 0 | 8 | 0 | 8 | 0 | 0 | 3 | 1 | | 0 | | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 1 |
|  | 10 | 8 | 4 | | 0 | | 0 | 4 | 0 | 4 | 0 | 0 | 4 | 0 | 12 | 8 | | 4 | | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 0 |
|  | 11 | 8 | 2 | | 0 | | 2 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 2 | 0 | | 0 | | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 |
|  | 12 | 5 | 1 | | 1 | | 0 | 0 | 0 | 4 | 1 | 0 | 3 | 0 | 5 | 4 | | 1 | | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 |

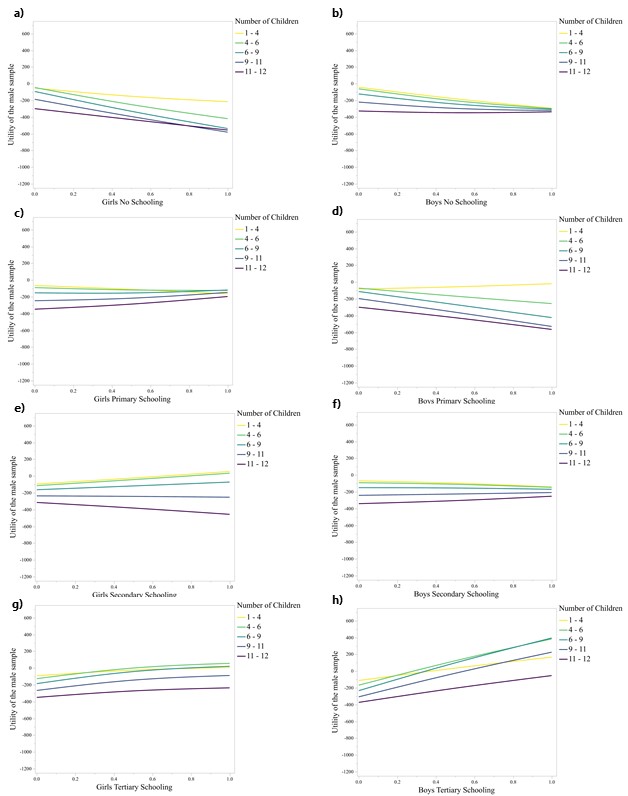
*Note: with a the amount, x11-x14 the number of girls attending no schooling, primary, secondary or tertiary schooling respectively and x21-x24 the number of boys attending no schooling, primary, secondary or tertiary schooling respectively*



*Figure C1: Visualization of the educational system in Ethiopia*



*Figure C2: Visualization of the MXLM parameter estimates of respondents’ utility in function of the different schooling components for different ranges of the number of children. Note: all results need to be interpreted with respect to the variable Girls No Schooling.*



*Figure C3: Visualization of the MXLM parameter estimates of male respondents’ utility in function of the different schooling components for different ranges of the number of children. Note: all results need to be interpreted with respect to the variable Girls No Schooling.*

*Figure C4: Visualization of the MXLM parameter estimates of female respondents’ utility in function of the different schooling components for different ranges of the number of children. Note: all results need to be interpreted with respect to the variable Girls No Schooling.*

