



Research article

Women’s empowerment and fertility preferences of married women: analysis of demographic and health survey’2016 in Timor-Leste

Running title: Women’s empowerment and fertility preferences: Timor-Leste

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Supplementary

Table 1. Odds of fertility preference among the participants who had less than 3 living children.

| Variables | No more | | Undecided | | Have another | |
|--------------------------------|-----------------------|---|-------------------|---------|-------------------|---------|
| | | | OR (95% CI) | p-value | OR (95% CI) | p-value |
| Mother information | | | | | | |
| Age, in years | | | | | | |
| | 25–34 | 1 | 1 | | 1 | |
| | 15–24 | 1 | 2.05 (1.23, 3.42) | 0.005 | 2.64 (1.62, 4.31) | <0.001 |
| | 35–44 | 1 | 0.23 (0.17, 0.30) | <0.001 | 0.08 (0.06, 0.11) | <0.001 |
| | 45 and above | 1 | 0.11 (0.07, 0.17) | <0.001 | 0.02 (0.01, 0.03) | <0.001 |
| Education | | | | | | |
| | No education | 1 | 1 | | 1 | |
| | Primary | 1 | 0.67 (0.51, 0.89) | 0.005 | 1.90 (1.26, 2.86) | 0.002 |
| | Secondary | 1 | 0.69 (0.54, 0.88) | 0.002 | 1.79 (1.27, 2.51) | 0.001 |
| | Higher | 1 | 0.60 (0.42, 0.86) | 0.005 | 0.33 (0.19, 0.58) | <0.001 |
| Employment status | | | | | | |
| | Unemployed | 1 | 1 | | 1 | |
| | Employed | 1 | 0.99 (0.76, 1.27) | 0.921 | 0.88 (0.68, 1.13) | 0.322 |
| Husband information | | | | | | |
| | Education level | | | | | |
| | No education | 1 | 1 | | 1 | |
| | Primary | 1 | 1.90 (1.45, 2.48) | <0.001 | 1.40 (0.96, 2.05) | 0.079 |
| | Secondary | 1 | 1.93 (1.52, 2.44) | <0.001 | 2.05 (1.43, 2.92) | <0.001 |
| | Higher | 1 | 0.46 (0.33, 0.64) | <0.001 | 2.64 (1.60, 4.35) | <0.001 |
| Employment status | | | | | | |
| | Unemployed | 1 | 1 | | 1 | |
| | Agricultural work | 1 | 1.05 (0.80, 1.34) | 0.788 | 0.70 (0.47, 1.03) | 0.071 |
| | Non-agricultural work | 1 | 1.49 (1.19, 1.88) | <0.001 | 1.43 (1.02, 1.99) | 0.037 |
| Household socioeconomic status | | | | | | |
| | Poorest | 1 | 1 | | 1 | |
| | Poor | 1 | 1.03 (0.78, 1.36) | 0.832 | 1.23 (0.79, 1.92) | 0.356 |
| | Middle | 1 | 1.14 (0.86, 1.51) | 0.353 | 1.21 (0.79, 1.86) | 0.385 |
| | Richer | 1 | 1.40 (1.05, 1.86) | 0.020 | 1.21 (0.79, 1.84) | 0.382 |
| | Richest | 1 | 1.23 (0.91, 1.67) | 0.168 | 1.23 (0.79, 1.92) | 0.354 |
| Decision | | | | | | |
| | Do not participate | 1 | 1 | | 1 | |
| | Participate | 1 | 0.96 (0.65, 1.40) | 0.823 | 1.00 (0.78, 1.28) | 0.989 |
| Contraceptive use | | | | | | |
| | No | 1 | 1 | | 1 | |
| | Yes | 1 | 0.64 (0.54, 0.77) | <0.001 | 0.54 (0.45, 0.72) | <0.001 |

*Note: Data was shown as OR with a 95% confidence interval. The multivariate logistic regression model was used to estimate the OR and p-values. The regression model was performed after including all the variables in the model.

Table 2. Odds of fertility preference among the participants who had more than 3 living children.

| Variables | No more | Undecided | | Have another | |
|---------------------------------------|-----------------------|-------------|-------------------|--------------|--------------------------|
| | | OR (95% CI) | p-value | OR (95% CI) | p-value |
| Mother information | | | | | |
| Age, in years | | | | | |
| | 25–34 | 1 | | 1 | |
| | 15–24 | 1 | 3.50 (0.93, 4.50) | 0.058 | 4.3 (1.27, 5.30) 0.029 |
| | 35–45 | 1 | 0.52 (0.43, 0.63) | <0.001 | 0.22 (0.18, 0.28) <0.001 |
| | 45 and above | 1 | 0.30 (0.23, 0.39) | <0.001 | 0.06 (0.04, 0.10) <0.001 |
| Education | | | | | |
| | No education | 1 | 1 | | 1 |
| | Primary | 1 | 0.78 (0.63, 0.97) | 0.029 | 0.80 (0.59, 1.09) 0.161 |
| | Secondary | 1 | 1.08 (0.86, 1.35) | 0.505 | 1.38 (1.02, 4.87) 0.034 |
| | Higher | 1 | 1.63 (1.00, 2.66) | 0.051 | 0.31 (0.17, 0.57) <0.001 |
| Employment status | | | | | |
| | Unemployed | 1 | 1 | | 1 |
| | Employed | 1 | 0.76 (0.64, 0.90) | 0.001 | 0.71 (0.57, 0.90) 0.003 |
| Husband information | | | | | |
| Education level | | | | | |
| | No education | 1 | 1 | | 1 |
| | Primary | 1 | 0.93 (0.75, 1.19) | 0.561 | 1.08 (0.80, 1.46) 0.615 |
| | Secondary | 1 | 1.02 (0.83, 1.27) | 0.831 | 1.21 (0.89, 1.62) 0.208 |
| | Higher | 1 | 1.14 (0.79, 1.65) | 0.491 | 0.61 (0.38, 0.97) 0.038 |
| Employment status | | | | | |
| | Unemployed | 1 | 1 | | 1 |
| | Agricultural work | 1 | 1.09 (0.86, 1.38) | 0.472 | 0.92 (0.67, 1.26) 0.609 |
| | Non-agricultural work | 1 | 1.12 (0.89, 1.40) | 0.338 | 1.04 (0.77, 1.40) 0.806 |
| Household socioeconomic status | | | | | |
| | Poorest | 1 | 1 | | 1 |
| | Poor | 1 | 0.94 (0.73, 1.22) | 0.649 | 1.12 (0.79, 1.57) 0.513 |
| | Middle | 1 | 0.99 (0.76, 1.27) | 0.910 | 0.99 (0.70, 1.39) 0.937 |
| | Richer | 1 | 0.78 (0.59, 1.02) | 0.072 | 0.90 (0.64, 1.28) 0.577 |
| | Richest | 1 | 0.71 (0.52, 0.96) | 0.026 | 0.80 (0.54, 1.20) 0.279 |
| Decision | | | | | |
| | Do not participate | 1 | 1 | | 1 |
| | Participate | 1 | 1.02 (0.79, 1.32) | 0.884 | 1.13 (0.79, 1.62) 0.498 |
| Contraceptive use | | | | | |
| | No | 1 | 1 | | 1 |
| | Yes | 1 | 0.51 (0.42, 0.61) | <0.001 | 0.72 (0.58, 0.90) 0.005 |

*Note: Data was shown as OR with a 95% confidence interval. The multivariate logistic regression model was used to estimate the OR and p-values. The regression model was performed after including all the variables in the model.



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