Table 4: Socio-demographic correlates of cervical cancer knowledge of women in Gondar town, Ethiopia, April 2010.

| Variables | Knowledge of cervical cancer |  | Crude OR (95\% CI) | Adjusted OR (95\% CI) | Pvalue |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Yes | No |  |  |  |
| $\begin{aligned} & \hline \text { Age } \\ & 15-24 \\ & 25-34 \\ & 35-44 \\ & 45+ \end{aligned}$ | $\begin{aligned} & \text { 69(39.9\%) } \\ & \text { 69(45.7\%) } \\ & 39(36.8 \%) \\ & 18(27.7 \%) \end{aligned}$ | $\begin{aligned} & \text { 104(60.1\%) } \\ & 82(54.3 \%) \\ & 67(63.2 \%) \\ & 47(72.3 \%) \end{aligned}$ | $\begin{aligned} & 1.73 \text { (.93-3.23) } \\ & 2.20(1.17-4.13) \\ & 1.52 \text { (.78-2.98) } \\ & 1.00 \end{aligned}$ | $\begin{aligned} & 1.43(.35-5.93) \\ & 3.95(1.10-14.18)^{*} \\ & 1.65(.45-6.10) \\ & 1.00 \end{aligned}$ | $\begin{aligned} & .618 \\ & .035 \\ & .452 \end{aligned}$ |
| Marital status <br> Single <br> Married <br> Divorced <br> Widowed | $\begin{aligned} & \text { 71(40.1\%) } \\ & 91(39.7 \%) \\ & 18(48.6 \%) \\ & 15918.8 \%) \end{aligned}$ | $\begin{aligned} & 106(59.9 \%) \\ & 138(60.3 \%) \\ & 19(51.4 \%) \\ & 37(71.2 \%) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & 0.98(0.66-1.47) \\ & 1.41(0.69-2.88) \\ & 0.61(0.31-1.18) \end{aligned}$ | ** |  |
| Educational status <br> No formal education <br> Primary education (1-8) <br> Secondary education \& Above | $\begin{aligned} & 31(27.0 \%) \\ & \text { 19(26.8\%) } \\ & \text { 145(46.9\%) } \end{aligned}$ | $\begin{aligned} & \text { 84(73.0\%) } \\ & \text { 52(73.2\%) } \\ & \text { 164(53.1\%) } \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .99(.51-1.93) \\ & 2.37(1.50-3.83) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .89(.27-2.89) \\ & 3.46(1.32-9.07)^{*} \end{aligned}$ | $\begin{aligned} & .829 \\ & .011 \end{aligned}$ |
| Husband's education, $\mathbf{N}=213$ <br> No formal education <br> Primary education (1-8) <br> Secondary education \& Above | $\begin{aligned} & \text { 10(27.8\%) } \\ & 4(12.1 \%) \\ & 74(51.4 \%) \end{aligned}$ | $\begin{aligned} & \text { 26(77.2\%) } \\ & 29(87.9 \%) \\ & 70(48.6 \%) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .36(.10-1.28) \\ & 2.75(1.24-6.11) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .45(.10-1.98) \\ & 1.28(.34-4.83) \end{aligned}$ | $\begin{aligned} & .291 \\ & .716 \end{aligned}$ |
| Occupation <br> Employed <br> Student <br> Not employed | $\begin{aligned} & \text { 109(44.0\%) } \\ & 44(46.8 \%) \\ & 42(27.5 \%) \end{aligned}$ | $\begin{aligned} & \text { 139(56.0\%) } \\ & \text { 50(53.2\%) } \\ & \text { 111(72.5\%) } \end{aligned}$ | $\begin{aligned} & 2.07 \text { (1.34-3.20) } \\ & 2.33 \text { (1.36-3.99) } \\ & 1.00 \end{aligned}$ | $\begin{aligned} & 1.66(.59-4.64) \\ & 1.88(.37-9.62) \\ & 1.00 \end{aligned}$ | $\begin{aligned} & .336 \\ & .586 \\ & .682 \end{aligned}$ |
| Monthly household income Low Medium High | $\begin{aligned} & \text { 40(34.5\%) } \\ & 78(31.5 \%) \\ & 77(58.8 \%) \end{aligned}$ | $\begin{aligned} & 76(65.5 \%) \\ & \text { 170(68.5\%) } \\ & \text { 54(41.2\%) } \end{aligned}$ | $\begin{aligned} & 1.00 \\ & 0.87(.55-1.39) \\ & 2.71(1.62-4.55) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .39(.11-1.39) \\ & 1.20(.31-4.68) \end{aligned}$ | $\begin{aligned} & .147 \\ & .793 \end{aligned}$ |
| $\begin{gathered} \hline \text { Parity } \\ 0 \\ 1 \\ 2-4 \\ 5+ \end{gathered}$ | $\begin{aligned} & 79(43.2 \%) \\ & 20(40.8 \%) \\ & 77(38.9 \%) \\ & 19(29.2 \%) \end{aligned}$ | $\begin{aligned} & 104(56.8 \%) \\ & 29(59.2 \%) \\ & 121(61.1 \%) \\ & 46(70.8 \%) \end{aligned}$ | $\begin{aligned} & 1.00 \\ & .91(.48-1.72) \\ & .84(.56-1.26) \\ & .54(.30-1.00) \end{aligned}$ | ** |  |

-Average knowledge score=4.5

* Statistically significant
** Insignificant variables in the crude analysis were omitted from the multivariate analysis

