Table 3. Factors associated with the use of modern contraceptives among currently married women of reproductive age group in Debre Birhan District, August 2010.

<table>
<thead>
<tr>
<th>Explanatory variables</th>
<th>Modern Contraceptive use</th>
<th>COR (95%CI)</th>
<th>AOR 95% CI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Desire for more children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Want within two years</td>
<td>35</td>
<td>166</td>
<td>1</td>
</tr>
<tr>
<td>Want after two years</td>
<td>161</td>
<td>136</td>
<td>5.62 (3.65-8.63)</td>
</tr>
<tr>
<td>Want no more</td>
<td>203</td>
<td>150</td>
<td>6.42 (4.21-9.78)</td>
</tr>
<tr>
<td>Number of living children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>30</td>
<td>67</td>
<td>1</td>
</tr>
<tr>
<td>1-2</td>
<td>206</td>
<td>218</td>
<td>2.11 (1.32-3.38)</td>
</tr>
<tr>
<td>3-5</td>
<td>150</td>
<td>137</td>
<td>2.45 (1.50-3.99)</td>
</tr>
<tr>
<td>&gt;5</td>
<td>13</td>
<td>30</td>
<td>0.97 (0.44-2.11)</td>
</tr>
<tr>
<td>Husband approval of the use of modern contraceptive methods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approve</td>
<td>353</td>
<td>232</td>
<td>7.16(4.84-10.59)</td>
</tr>
<tr>
<td>Don’t know</td>
<td>9</td>
<td>46</td>
<td>0.92 (0.42-2.04)</td>
</tr>
<tr>
<td>Disprove</td>
<td>37</td>
<td>174</td>
<td>1</td>
</tr>
<tr>
<td>Family monthly income quartiles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>≤300</td>
<td>97</td>
<td>116</td>
<td>0.59 (0.40-0.87)</td>
</tr>
<tr>
<td>301-600</td>
<td>115</td>
<td>174</td>
<td>0.47(0.33-0.67)</td>
</tr>
<tr>
<td>601-927</td>
<td>63</td>
<td>74</td>
<td>0.60 (0.39-0.93)</td>
</tr>
<tr>
<td>≥928</td>
<td>124</td>
<td>88</td>
<td>1</td>
</tr>
<tr>
<td>Discussion with the husband</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not discussed</td>
<td>22</td>
<td>181</td>
<td>1</td>
</tr>
<tr>
<td>Once</td>
<td>80</td>
<td>83</td>
<td>7.90 (4.63-13.59)</td>
</tr>
<tr>
<td>Twice</td>
<td>24</td>
<td>32</td>
<td>6.17 (3.10-12.30)</td>
</tr>
<tr>
<td>Three times</td>
<td>54</td>
<td>35</td>
<td>12.69 (6.87-23.45)</td>
</tr>
<tr>
<td>More than three times</td>
<td>219</td>
<td>121</td>
<td>14.89 (9.08-24.43)</td>
</tr>
</tbody>
</table>

* P-value < 0.05, ** P-value < 0.01, *** P-value < 0.001

Backward stepwise multiple logistic regression was used to assess the independent effect of explanatory variables.