Table 2. Factors influencing the odds of bypassing a nearer facility by caretakers in the two districts (n= 348).

<table>
<thead>
<tr>
<th>Risk factor for bypassing</th>
<th>Reported presence of nearer facility</th>
<th>Bypassers n = 206</th>
<th>OR¹ (95% CI)</th>
<th>AOR² (95% CI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study Site</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Korogwe</td>
<td>171</td>
<td>113 (66.1)</td>
<td>1.8 (1.1-2.7)*</td>
<td>1.8 (1.0-3.3)*</td>
</tr>
<tr>
<td>Muheza</td>
<td>177</td>
<td>93 (52.5)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Child sex</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>155</td>
<td>88 (56.8)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Male</td>
<td>193</td>
<td>118 (61.1)</td>
<td>1.2 (0.8-1.8)</td>
<td>1.5 (0.8-2.8)</td>
</tr>
<tr>
<td>Child age (months)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-11</td>
<td>127</td>
<td>73 (57.5)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>12-23</td>
<td>88</td>
<td>55 (62.5)</td>
<td>1.2 (0.7-2.1)</td>
<td>1.4 (0.6-3.0)</td>
</tr>
<tr>
<td>24+</td>
<td>132</td>
<td>77 (58.3)</td>
<td>1.0 (0.6-1.7)</td>
<td>1.1 (0.5-2.3)</td>
</tr>
<tr>
<td>Number of living children</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 child</td>
<td>86</td>
<td>59 (68.6)</td>
<td>2.0 (1.1-3.8)*</td>
<td>1.1 (0.5-2.7)</td>
</tr>
<tr>
<td>2-3 children</td>
<td>168</td>
<td>98 (58.3)</td>
<td>1.3 (0.8-2.2)</td>
<td>1.1 (0.5-2.4)</td>
</tr>
<tr>
<td>4 or more</td>
<td>91</td>
<td>47 (51.6)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Caretakers Level of Education</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No formal education</td>
<td>74</td>
<td>39 (52.7)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Primary education</td>
<td>256</td>
<td>152 (59.4)</td>
<td>1.3 (0.8-2.2)</td>
<td>1.0 (0.5-2.2)</td>
</tr>
<tr>
<td>Post-primary education</td>
<td>18</td>
<td>15 (83.3)</td>
<td>4.5 (1.2-16.8)*</td>
<td>1.4 (0.3-6.9)</td>
</tr>
<tr>
<td>SES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td>108</td>
<td>59 (54.6)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Middle or high</td>
<td>240</td>
<td>147 (61.2)</td>
<td>1.3 (0.8-2.1)</td>
<td>1.5 (0.8-2.8)</td>
</tr>
<tr>
<td>Travel time to district hospital</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-59 minutes</td>
<td>73</td>
<td>56 (77.0)</td>
<td>3.1 (1.6-5.8)*</td>
<td>3.5 (1.5-8.2)*</td>
</tr>
<tr>
<td>60-119 minutes</td>
<td>110</td>
<td>80 (72.7)</td>
<td>2.4 (1.4-4.2)*</td>
<td>2.4 (1.2-4.8)*</td>
</tr>
<tr>
<td>120+ minutes</td>
<td>126</td>
<td>66 (52.4)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Symptoms duration</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2 days</td>
<td>167</td>
<td>131 (78.4)</td>
<td>8.0 (4.4-14.4)*</td>
<td>11.0 (5.1-23.7)*</td>
</tr>
<tr>
<td>3-4 days</td>
<td>98</td>
<td>49 (50.0)</td>
<td>2.2 (1.2-4.0)*</td>
<td>5.0 (2.2-11.2)*</td>
</tr>
<tr>
<td>5 or more days</td>
<td>85</td>
<td>28 (31.3)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
<tr>
<td>Disease Severity¹</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-severe</td>
<td>120</td>
<td>98 (81.7)</td>
<td>5.3 (3.1-9.0)*</td>
<td>4.5 (2.2-9.1)*</td>
</tr>
<tr>
<td>Severe disease</td>
<td>203</td>
<td>93 (45.8)</td>
<td>Ref</td>
<td>Ref</td>
</tr>
</tbody>
</table>
* - Significant findings
1 - Unadjusted Odds Ratio from bivariate analysis
2 – Adjusted Odds Ratio for all other variables
3 - Non-severe disease above includes: Non-severe malaria, non-severe pneumonia and acute watery diarrhoea with no dehydration
Severe disease included: Severe malaria, moderately severe and very severe pneumonia, and acute watery diarrhoea with some and with severe dehydration.