Table 3: Comparison of potential background risk factors for disease severity among individual diseases ( $\mathrm{n}=483$ )

| Risk factor for disease severity | $\begin{gathered} \text { AOR } \\ \text { (All cases) } \end{gathered}$ | AOR <br> (Malaria cases) | AOR <br> (Pneumonia cases) | $\begin{gathered} \text { AOR } \\ \text { (Diarrhoea } \\ \text { cases) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Caretaker's <br> Education <br> No formal education <br> Primary education <br> Post-primary education | $\begin{gathered} 6.6(2.7-15.8) \\ 2.0(1.0-4.0) \\ \text { ref } \end{gathered}$ | § | $\begin{gathered} 1.8(0.7-4.7) \\ 1.7(0.7-3.9) \\ \text { ref } \end{gathered}$ | $\begin{aligned} & 3.5(0.6-21.4) \\ & 2.2(0.4-10.6) \\ & \text { ref } \end{aligned}$ |
| Caretaker's SES <br> Low <br> Middle <br> High | $\begin{gathered} 1.5(0.9-2.6) \\ 1.9(1.2-3.2) \\ \text { ref } \end{gathered}$ | $\begin{gathered} 1.2(0.4-3.7) \\ 1.0(0.4-2.8) \\ \text { ref } \end{gathered}$ | $\begin{aligned} & 1.8(0.9-3.8) \\ & 2.2(1.1-4.2)^{*} \\ & \text { ref } \end{aligned}$ | $\begin{gathered} 1.7(0.6-4.8) \\ 1.2(0.4-3.5) \\ \text { ref } \end{gathered}$ |
| No. of own alive children <br> 1 child <br> 2-3 children <br> 4 or more children | $\begin{gathered} \text { ref } \\ 1.7(1.1-2.7) \\ 2.5(1.4-4.5) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 3.2(1.0-10.4) \\ 8.5(2.3-30.6) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 0.7(0.4-1.4) \\ 1.5(0.6-3.3) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 2.0(0.8-4.9) \\ 1.1(0.4-3.2) \end{gathered}$ |
| Home-hospital travel time $0-59$ min 60-119min $120+\min$ | $\begin{gathered} \text { ref } \\ 1.4(0.9-2.3) \\ 2.1(1.3-3.4) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 0.4(0.1-1.5) \\ 0.9(0.3-2.9) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 1.5(0.8-2.7) \\ 1.6(0.9-3.1) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 2.1(0.7-6.2) \\ 3.9(1.4-10.9) \end{gathered}$ |
| First Rx PCM alone for 24hrs or more <br> No <br> Yes | $\begin{gathered} 1.8(1.2-2.7) \\ \text { ref } \end{gathered}$ | $\begin{gathered} 0.9(0.4-2.2) \\ \text { ref } \end{gathered}$ | $\begin{gathered} 1.8(1.1-3.3) \\ \text { ref } \end{gathered}$ | $\begin{gathered} 1.7(0.7-4.4) \\ \text { ref } \end{gathered}$ |
| Source of first Rx other than PCM <br> Home/local or drug shop <br> Private hospital <br> Public hospital | $\begin{aligned} & 3.2(1.9-5.2) \\ & 1.9(0.8-4.8) \\ & \text { ref } \end{aligned}$ | § | $\begin{gathered} 2.4(1.3-4.5)^{*} \\ 1.7(0.5-5.5) \\ \text { ref } \end{gathered}$ | $\begin{aligned} & 1.2(0.5-2.8) \\ & 0.3(0.1-1.5) \\ & \text { ref } \end{aligned}$ |
| Use of nearer PHC facility <br> No <br> Yes | $\begin{gathered} \text { ref } \\ 5.2(3.0-9.1) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 4.2(1.7-10.5) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 5.2(2.3-11.9) \end{gathered}$ | $\begin{gathered} \text { ref } \\ 4.4(1.2-15.8) \end{gathered}$ |

$\mathrm{PCM}=$ paracetamol. $\mathrm{Rx}=$ treatment. $\mathrm{PHC}=$ primary health care.

AOR** Adjusted odds ratio; all other factors are adjusted, one at a time, for child's Age and Sex, and Caretakers Education and socio-economic status (SES). The four factors used for adjustment were each adjusted for the other three.
$\S$ - Numbers too small to enable any comparison across groups.

