**S4 Table.** Multivariate Linear Mixed Effects Modeling of the inflammatory mediators based on malaria status at visit 1, expanded.

| | Inflammatory Mediators | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | sICAM-1 | | CRP | | CHI3L1 | | sTNFRII | | IL-18BP | |
| | Estimate | Std. Error | Estimate | Std. Error | Estimate | Std. Error | Estimate | Std. Error | Estimate | Std. Error |
| (Intercept) | 5.835 | 0.383 | 1.268 | 0.336 | 3.309 | 0.264 | 1.634 | 0.157 | 2.731 | 0.137 |
| **Malaria positive at visit 1[b]** | 0.344 | 0.088 | 1.095 | 0.123 | 0.300 | 0.081 | 0.954 | 0.069 | 0.383 | 0.053 |
| **Gestational age[c,d]** | 0.015 | 0.006 | -0.018 | 0.012 | 0.0034 | 0.007 | 0.033 | 0.006 | 0.019 | 0.005 |
| **Gestational age'** | -0.007 | 0.007 | 0.023 | 0.013 | 0.004 | 0.008 | -0.017 | 0.007 | -0.010 | 0.005 |
| **Treatment group** | 0.151 | 0.085 | 0.092 | 0.120 | 0.173 | 0.079 | 0.144 | 0.068 | 0.048 | 0.052 |
| **BMI at visit 1** | -0.002 | 0.011 | 0.037 | 0.009 | 0.0002 | 0.008 | -0.005 | 0.004 | 0.0002 | 0.0048 |
| **Age** | 0.013 | 0.011 | 0.008 | 0.010 | 0.015 | 0.008 | -0.008 | 0.004 | -0.004 | 0.004 |
| **Gravidity** | -0.070 | 0.047 | -0.052 | 0.039 | -0.054 | 0.032 | -0.014 | 0.019 | 0.018 | 0.016 |
| **Socioeconomic status** | 0.002 | 0.014 | -0.012 | 0.012 | -0.015 | 0.010 | -0.012 | 0.006 | -0.014 | 0.005 |
| **Education status** | -0.011 | 0.010 | 0.002 | 0.009 | -0.006 | 0.007 | -0.007 | 0.004 | 0.004 | 0.004 |
| **Hemoglobin at visit 1** | -0.059 | 0.023 | -0.103 | 0.020 | -0.057 | 0.016 | -0.070 | 0.009 | -0.023 | 0.008 |
| **Malaria visit 1*gestational age** | -0.037 | 0.008 | -0.060 | 0.015 | -0.032 | 0.008 | -0.074 | 0.008 | -0.020 | 0.006 |
| **Malaria visit 1*gestational age'** | 0.022 | 0.008 | 0.010 | 0.016 | 0.024 | 0.009 | 0.040 | 0.009 | 0.006 | 0.006 |
| **Gestational age*treatment group** | -0.007 | 0.008 | -0.008 | 0.014 | -0.008 | 0.008 | -0.009 | 0.008 | -0.0006 | 0.006 |
| **Gestational age*treatment group'** | 0.009 | 0.008 | 0.008 | 0.016 | 0.001 | 0.009 | 0.005 | 0.008 | 0.0008 | 0.006 |
| **Number of Subjects** | 1460 | | 1394 | | 1460 | | 1460 | | 1460 | |
| **Observations** | 3142 | | 3007 | | 3142 | | 3142 | | 3140 | |
| **LR Test** | $\chi 2 = 40.8$, p<0.001 | | $\chi 2 = 99.0$, p<0.001 | | $\chi 2 = 21.9$, p<0.001 | | $\chi 2 = 209.2$, p<0.001 | | $\chi 2 = 44.7$, P<0.001 | |

[b]Malaria positive by PCR.
[c]Gestational age shifted to provide meaningful intercept.
[d]Used a restricted cubic spline of gestational age as both main effect and in interaction terms.