

ADDITIONAL FILE 8: SUPPLEMENTARY TABLES

Genetic Determinants Of Anti-Malarial Acquired Immunity In A Large Multi-Centre Study

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This file contains **Additional Table ST4: Results of linear regression analysis investigating the effect of age, gender and HbS genotype on parasite density in malaria-positive individuals* using combined data.** Data from Senegal, Kenya, Sudan and Sri Lanka are not included as parasite density was not recorded at these sites.

Additional Table ST4: Results of linear regression analysis investigating the effect of age, gender and HbS genotype on parasite density in malaria-positive individuals* using combined data. Data from Senegal, Kenya, Sudan and Sri Lanka are not included as parasite density was not recorded at these sites.

			Log ₁₀ Parasite density (n=2272)	
Factor	beta (95% CI)	p-value	mean (95% CI)	no. of individuals
<i>Age (years)</i>				
<1	0		2.80 (0.98 to 4.62)	61
1-2	0.26 (0.01 to 0.52)	0.041	3.35 (1.65 to 5.04)	65
2-5	0.07 (-0.13 to 0.28)	0.473	3.33 (1.57 to 5.10)	377
5-15	-0.32 (-0.52 to -0.13)	0.001	2.78 (1.15 to 4.42)	1126
15-30	-0.55 (-0.75 to -0.34)	<0.001	2.41 (1.02 to 3.80)	379
>30	-0.62 (-0.84 to -0.41)	<0.001	2.27 (0.61 to 3.94)	259
<i>Gender</i>				
Female	0		2.76 (0.96 to 4.57)	1210
Male	0.09 (0.03 to 0.15)	0.005	2.89 (1.19 to 4.60)	1062
<i>HbS</i>				
11	0		2.82 (1.05 to 4.59)	2115
12	0.09 (-0.04 to 0.22)	0.158	2.90 (1.21 to 4.59)	151
22	ND	ND	ND	1

NB: CI = confidence interval.

Results significant at 0.05 level are highlighted in bold.

* Also adjusted for village (>20), ethnicity (>20), sample month (>20) and study; results not shown.

ND: Results not shown as unable to obtain estimates from one HbSS individual.