

S2 Table. Baseline risk factors for any representation to hospital within 30 days after treatment with different doses of primaquine

| | Cumulative risk in % (95% CI) | Unadjusted Hazard Ratio (95% CI) | P | Adjusted Hazard Ratio ¹ (95% CI) | P |
|-------------------------------------|-------------------------------|----------------------------------|---------|---|---------|
| Initial Species | | | | | |
| Pure <i>P. vivax</i> | 28.55 (27.90-29.21) | Reference | | Reference | |
| Mixed <i>P. vivax/P. falciparum</i> | 26.88 (25.91-27.88) | 0.93 (0.89-0.98) | 0.007 | 0.92 (1.01-1.17) | 0.003 |
| Sex | | | | | |
| Male | 25.85 (25.13-26.60) | Reference | | Reference | |
| Female | 30.47 (29.67-31.29) | 1.21 (1.16-1.27) | <0.0001 | 1.17 (1.11-1.22) | <0.0001 |
| Ethnicity | | | | | |
| Non-Papuan | 19.62 (18.43-20.87) | Reference | | Reference | |
| Highland | 30.47 (29.83-31.12) | 1.63 (1.52-1.76) | <0.0001 | 1.64 (1.52-1.77) | <0.0001 |
| Lowland | 22.11 (20.42-23.91) | 1.13 (1.01-1.27) | 0.032 | 1.12 (1.00-1.26) | 0.058 |
| Age | | | | | |
| 1 to <5 years | 33.99 (32.71-35.30) | 1.23 (1.17-1.30) | <0.0001 | 1.21 (1.14-1.28) | <0.0001 |
| 5 to <15 years | 21.65 (20.49-22.87) | 0.75 (0.70-0.80) | <0.0001 | 0.73 (0.68-0.78) | <0.0001 |
| ≥15 years | 27.99 (27.31-28.69) | Reference | | Reference | |
| Admission Status | | | | | |
| Outpatient | 27.78 (27.21-28.36) | Reference | | Reference | |
| Inpatient | 30.45 (28.75-32.23) | 1.09 (1.02-1.17) | 0.017 | 1.09 (1.01-1.17) | 0.023 |

¹ Cox model stratified by year and PQ treatment, and adjusted for species at enrolment, sex, ethnicity, admission status and age.