Table 2: Population characteristics and infection prevalence based on probabilities of latent classes

|  |  |  |
| --- | --- | --- |
| Demographic characteristics | Study population% (n = 1147) | *P. knowlesi* infected1% infected (95% CI) |
| District |  |
|  | Kota Marudu | 39.8% (457) | 9.0% (6.4-11.6) |
|  | Kudat | 60.1% (690) | 6.2% (4.4 – 8.0) |
| Residence |  |
|  | Case household | 44.6% (512) | 8.4% (6.0-10.8) |
|  | Control household | 55.4% (635) | 6.5% (4.6-8.4) |
| Gender |  |  |
|  | Men | 46.6% (535) | 6.2% (4.2-8.2) |
|  | Women | 53.4% (612) | 8.3% (6.1-10.5) |
| Age |  |
|  | Under 15 | 28.2% (323) | 9.6% (6.4-12.8) |
|  | 15 to 45 | 42.9% (492) | 6.7% (4.5-8.9) |
|  | 46 to 60 | 16.9% (194) | 6.7% (8.3-17.7) |
|  | Over 60 | 12.0% (138) | 5.1% (1.4-8.8) |
| Self-reported fever in past month |  |
|  | Fever | 11.1% (127) | 8.7% (3.8-13.6) |
|  | No fever | 87.3% (1001) | 7.3% (5.7-8.9) |
|  | Don’t know | 1.6% (19) | 0%  |
| Microscopy positive |  |  |
|  | Positive | 0.1% (1) | 100%  |
|  | Negative | 99.9% (1147) | 7.2% (5.7-8.7) |

1 Based on probability of class membership (uninfected median p= 0.998; infected , median p = 0.997)