**Supplementary Material Table S1 –**Sample calculation

**Source:** The population data of the communities were provided by the Board of Relations with Vale Communities. Those data were supplemented by estimates based on the analysis of images from Google Maps (2016 and 2017).

| **Communities** | **Population** | **Number of households** | **Sample** |
| --- | --- | --- | --- |
| Nova Esperança | 300 | 75 | **27** |
| Fazenda Santo Antônio | 200 | 50 | **17** |
| Igarapé Gelado APA | 480 | 120 | **39** |
| Onalício Barros | 350 | 88 | **27** |
| Palmares II | 8.000 | 2.000 | **104** |
| **Total** | **9.330** | **2.333** | **214** |