A total of 1,453 (clinical and sub-clinical) subjects were screened for *P. falciparum* malaria.

- **RDT + Microscopy**
  - 1,299 RDT & microscopy negative subjects
    - 400 were randomly selected & tested by PCR
  - 154 *P. f* infections, (54 microscopy positive) & (100 RDT positive) were tested by PCR

**PCR**
- PCR proved negative samples (TN)
- Prevalence of sub-microscopic *P.f* infection (FN)
- PCR confirmed *P. falciparum*-infected samples (TP)
- PCR confirmed false RDT & BF positive samples (FP)

**Hint:**
- TN (true negative)
- FN (false negative)
- *P.f* (*Plasmodium falciparum*)
- *P.v* (*Plasmodium vivax*)
- BF (blood film)

**PCR-based prevalence of *P. falciparum* infection**