**Table S1.** Summary of groupings and comparisons to assess the repeatability of G6PD measurements by Biosensor. Definition of a group: the absolute differences of all paired measurements taken using the same method at one site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Groups** | **Intergroup Comparisons** | **Intersite Comparisons** |
| **Pilot** | * Standard Method
* Method 1
* Method 2
* Method 3
* Method 4
 | Comparison of the median absolute differences of all methods: Kruskal-Wallis test | N/A |
| **Indonesia** | * Standard Method (Indonesia)
* Method 3 (Indonesia)
 | Standard Method vs Method 3: Wilcoxon signed-rank test | * Indonesia vs Nepal (Standard Method): Mann-Whitney U test
* Indonesia vs Nepal (Method 3): Mann-Whitney U test
 |
| **Nepal** | * Standard Method (Nepal)
* Method 3 (Nepal)
 | Standard Method vs Method 3: Mann-Whitney U test |