



Ex-vivo Immune monitoring by evaluating absolute counts of Leukocytes: T cells, B cells, NK cells and Monocytes between healthy and NiV infected individuals at different phases of infection based on point of detection (POD).

(A) Lymphocytes (B) Monocytes (C) Putative low density granulocytes (D) Neutrophils (E) Eosinophils (F) B cells (G) Total T cells, CD3+ (H) CD4+ T cells (I) CD8+ T cells (J) CD4 CD8 ratio (K) CD4+ CD8+ T cells (L) NK cells (M) NKT like cells (N) CD4+ NKT like cells (O) CD8+ NKT like cells (P) CD4+ CD8+ NKT like cells (Q) Classical monocytes (R) Intermediate monocytes and (S) Non-classical monocytes. A.S.: Acute Symptomatic. The color codes (Green, blue and red) represents NiV cases. In the NiV infected group all data points, including follow-up from patients are plotted (from POD 10-58, as available). While the color codes of control group with apparently healthy individuals are pink (Controlled Type II Diabetes mellitus) cyan blue (Controlled hypertension); and black (With no co-morbidities). Statistical significance was calculated by non-parametric one-way ANOVA (Kruskal–Wallis test); *, $p < 0.05$; **, $p < 0.01$.