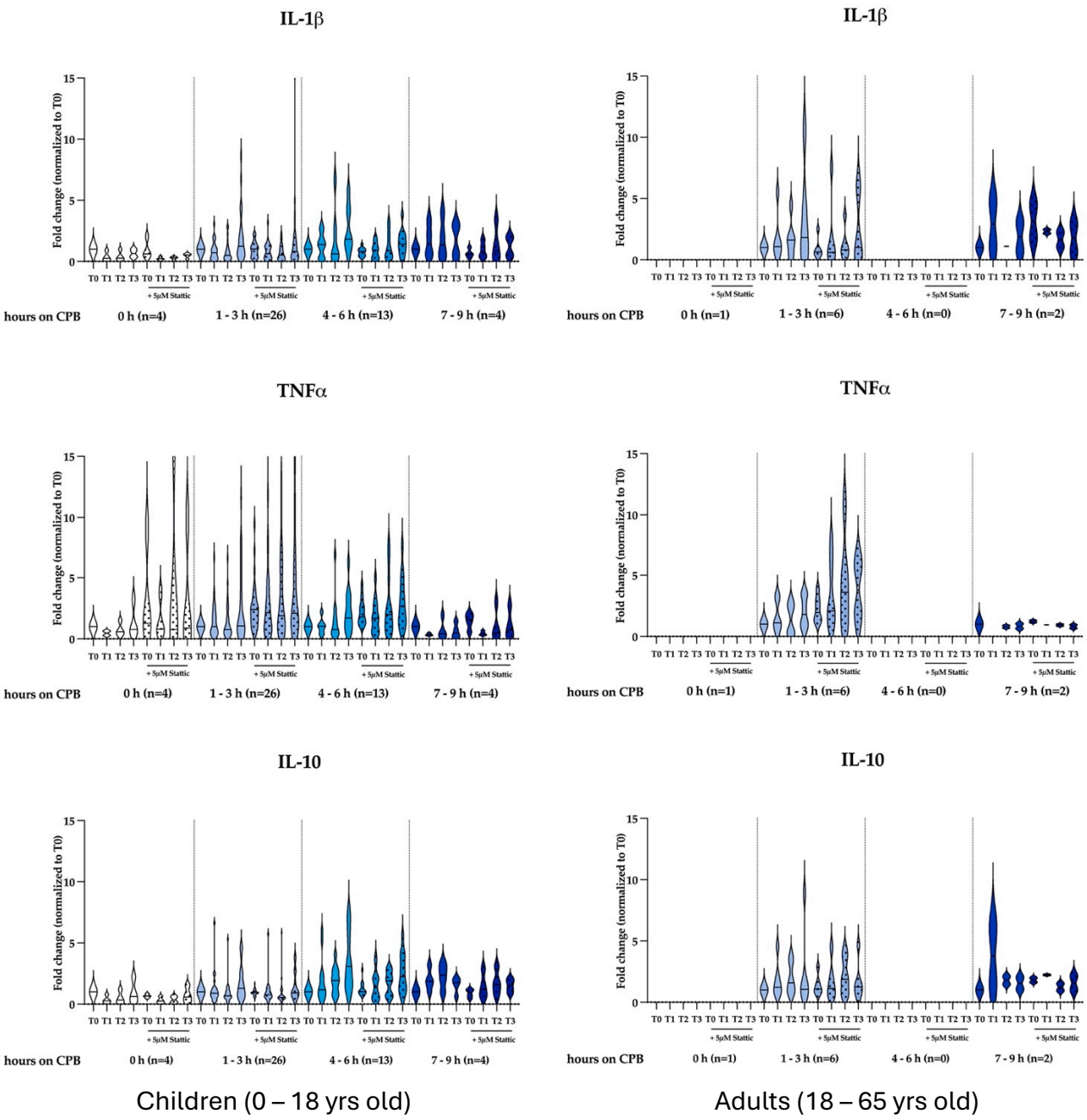


Figure S1. Effects of Stattic on cytokines expressions IL-1β, TNFα and IL-10 in THP-1 macrophages *in vitro* stimulated with serum samples from patients undergoing cardiac surgery without and with CPB. The patient cohort was classified into four distinct groups based on duration of CPB as followed: 0h (n=5), 1-3 h (n=32), 4-6 h (n=13) and 7-9 h (n=6). Data from 56 patients were also sub-grouped into Children (0 – 18 yrs old, n=47) and Adults (18 – 65 yrs old, n=9) and are represented as violin plots.

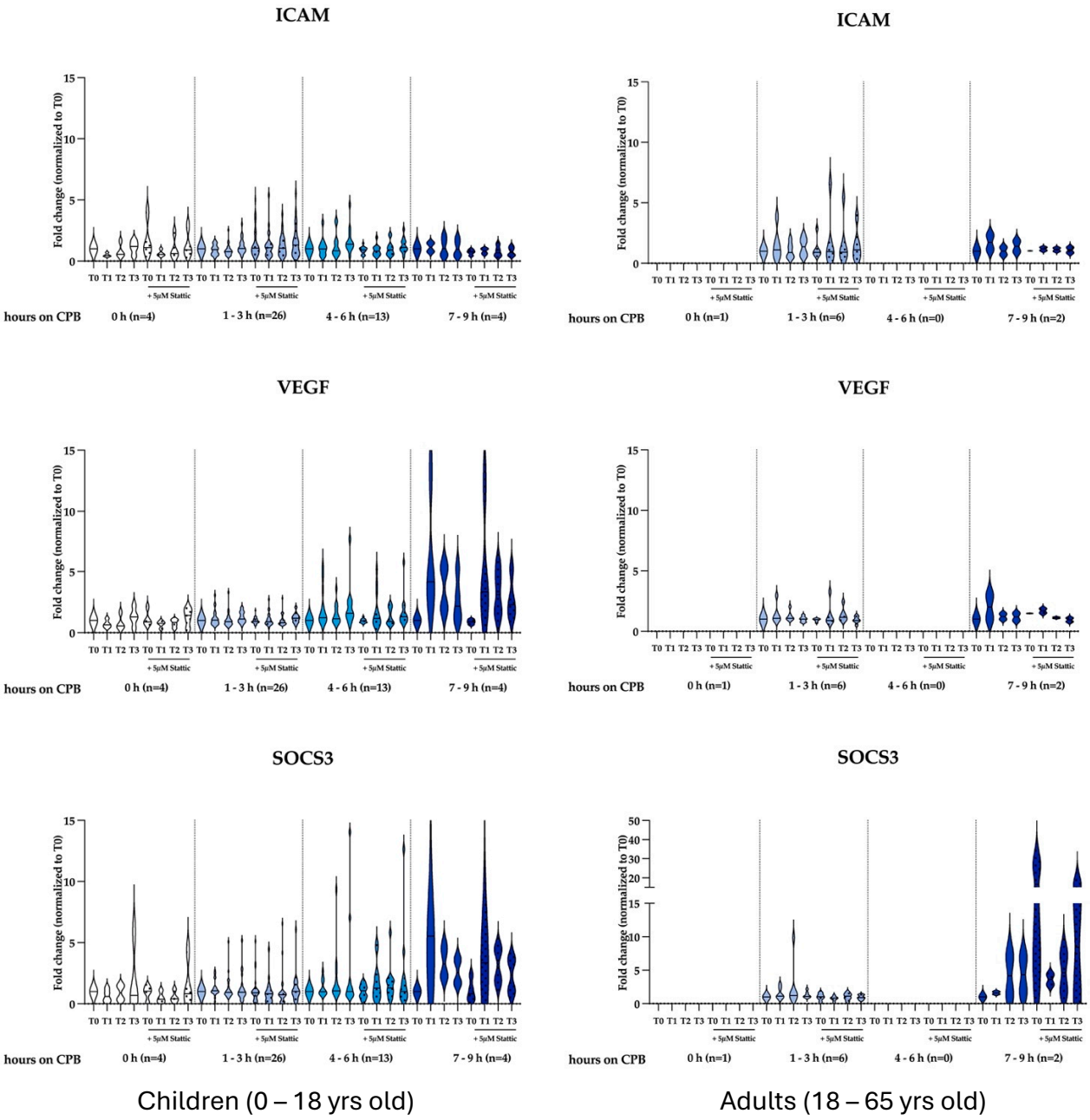


Figure S2. Effects of Stattic on mediators of vascular permeability ICAM, VEGF and the inhibitor of STAT3 activation (SOCS3) expressions in THP-1 macrophages *in vitro* stimulated with serum samples from patients undergoing cardiac surgery without and with CPB. The patient cohort was classified into four distinct groups based on duration of CPB as followed: 0h (n=5), 1-3 h (n=32), 4-6 h (n=13) and 7-9 h (n=6). Data from 56 patients were also sub-grouped into Children (0 – 18 yrs old, n=47) and Adults (18 – 65 yrs old, n=9) and are represented as violin plots.