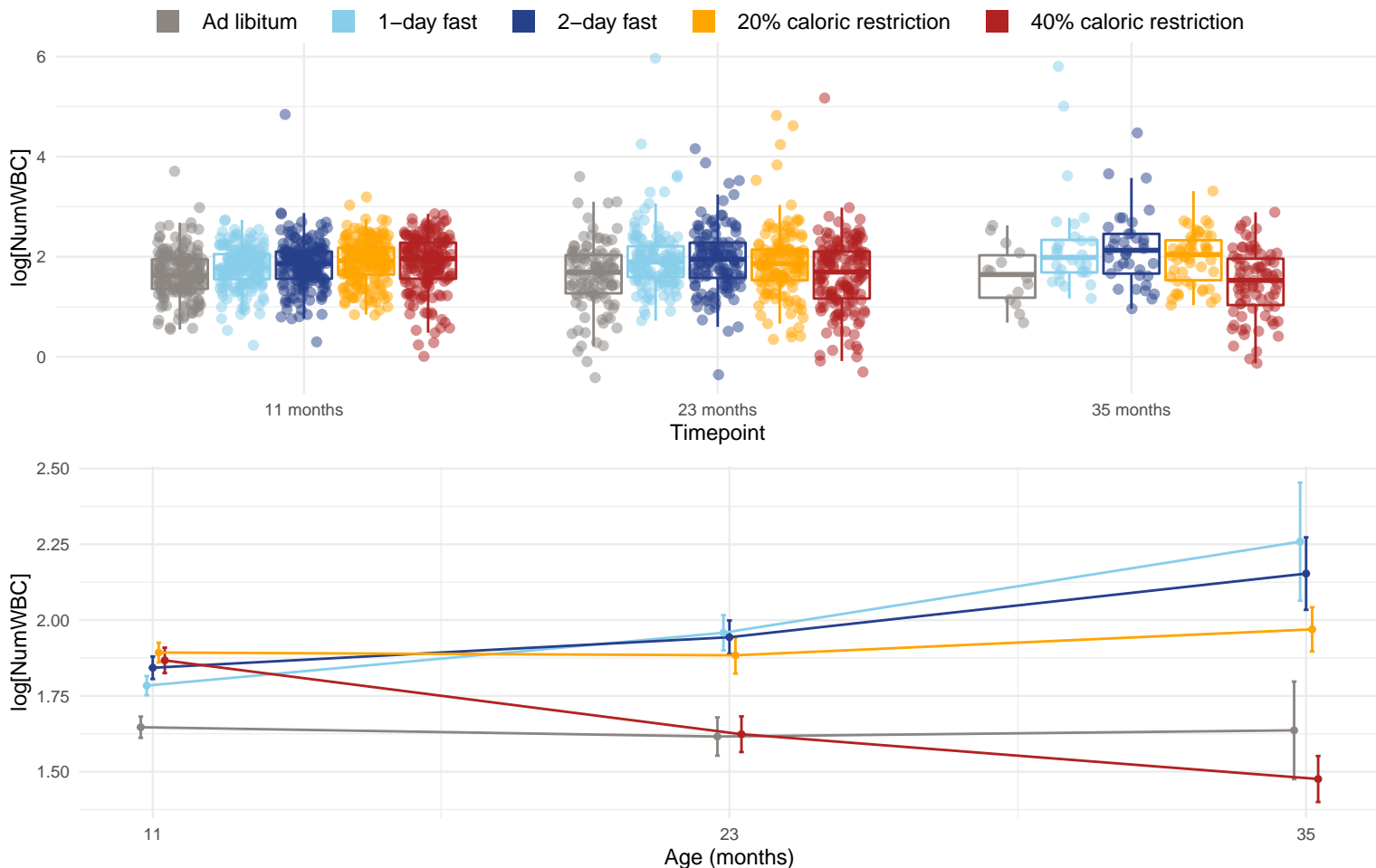


Diet and age effects on total WBC count ($10^3/\mu\text{L}$) = NumLymph + NumNeut + NumMono + NumEos



Only the following timepoints were used when testing for diet and age effects: 11 months and 23 months. The effects were estimated using mixed linear models and the significance of the effects were assessed with an approximate F-test using the Kenward and Roger (1997) approach. The p-values for the diet effect at each timepoint are: 11 months = $3.26\text{e-}06$ and 23 months = 0.000109 . The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-20, AL-40 and 1D-20. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are AL-20, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on NumWBC is 0.636. The p-value for the effect of the interaction between age and diet on NumWBC is $1.05\text{e-}05$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-40, 1D-40, 2D-40 and 20-40.