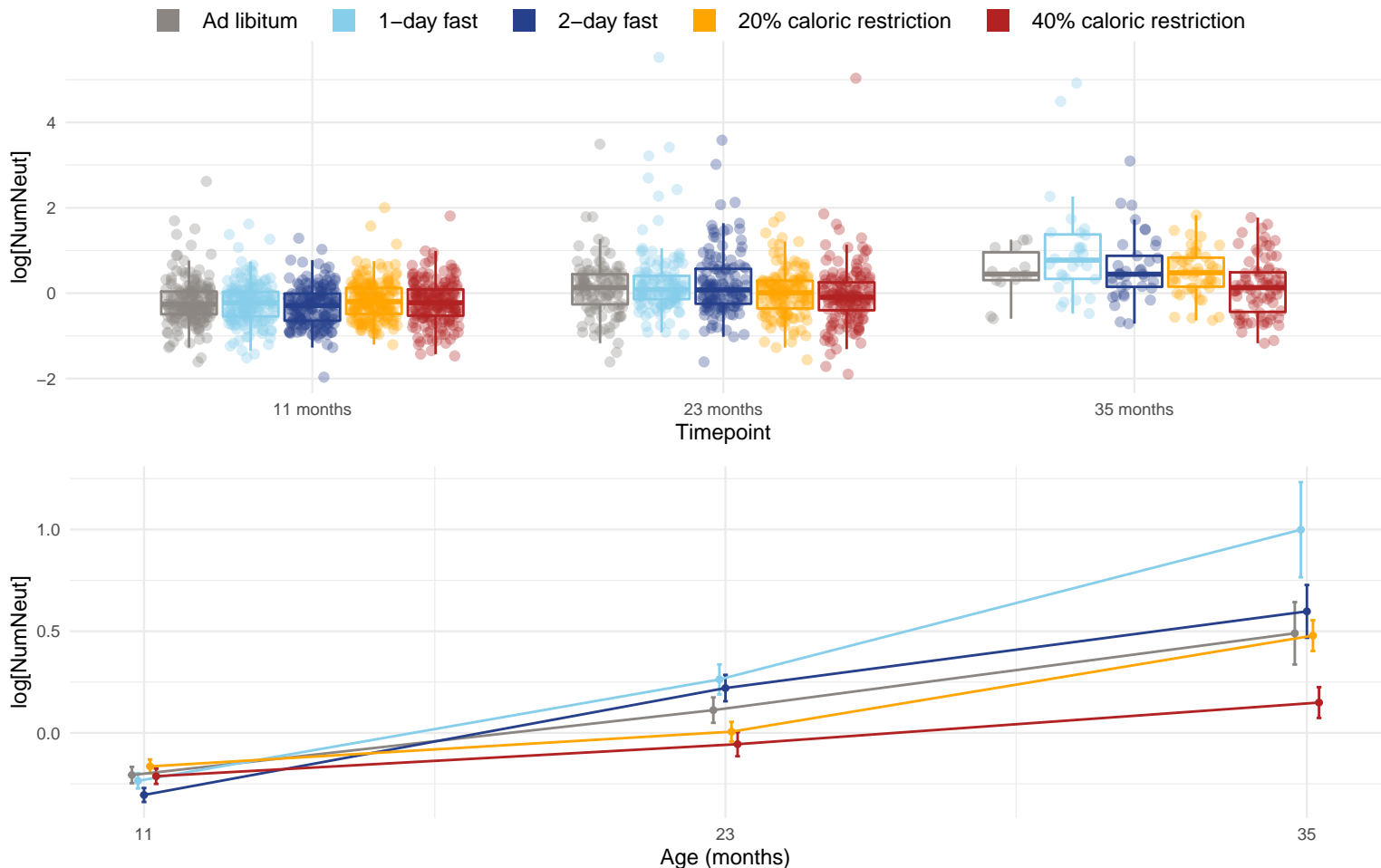


Diet and age effects on neutrophil count ($10^3/\mu\text{L}$)



Only the following timepoints were used when testing for direct diet and age-diet interaction effects (all timepoints were used when testing for direct age effects): 11 months and 23 months. The effects of age, diet, and the age-diet interaction 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 = 0.039 and 23 months = 0.00986. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are 2D-20. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are 1D-40 and 2D-40. The p-value for the direct effect of age on NumNeut is $3.2e-15$. The p-value for the effect of the interaction between age and diet on NumNeut is $3.27e-05$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 1D-20, 1D-40, 2D-20 and 2D-40.