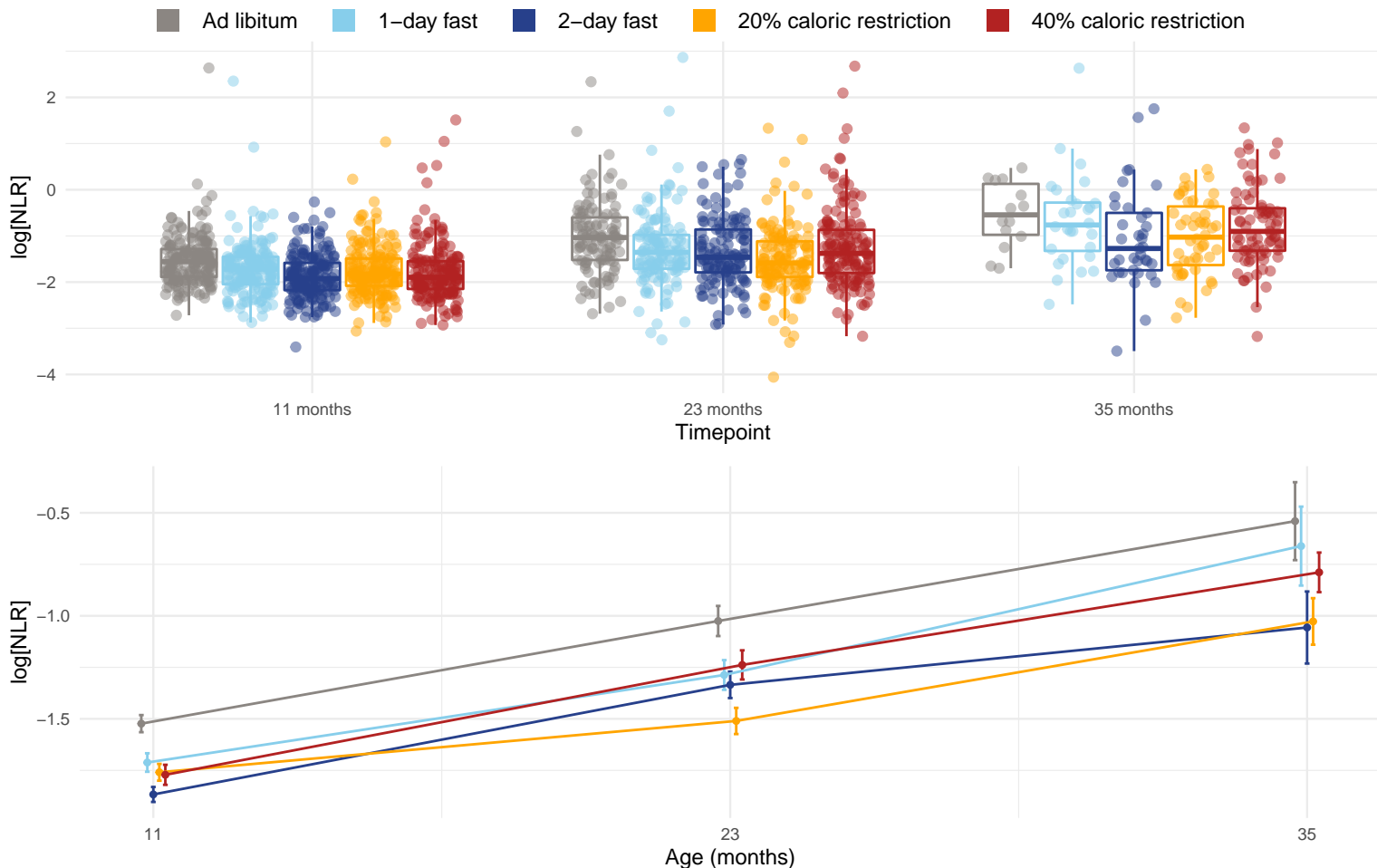


# Diet and age effects on ratio of neutrophils to lymphocytes = NumNeut / NumLymph



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 =  $2.81\text{e-}06$  and 23 months =  $0.00017$ . The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-1D, AL-2D, AL-20 and AL-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are AL-2D, AL-20 and 20-40. The p-value for the direct effect of age on NLR is  $7.87\text{e-}13$ . The p-value for the effect of the interaction between age and diet on NLR is 0.0156. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 2D-20 and 20-40.