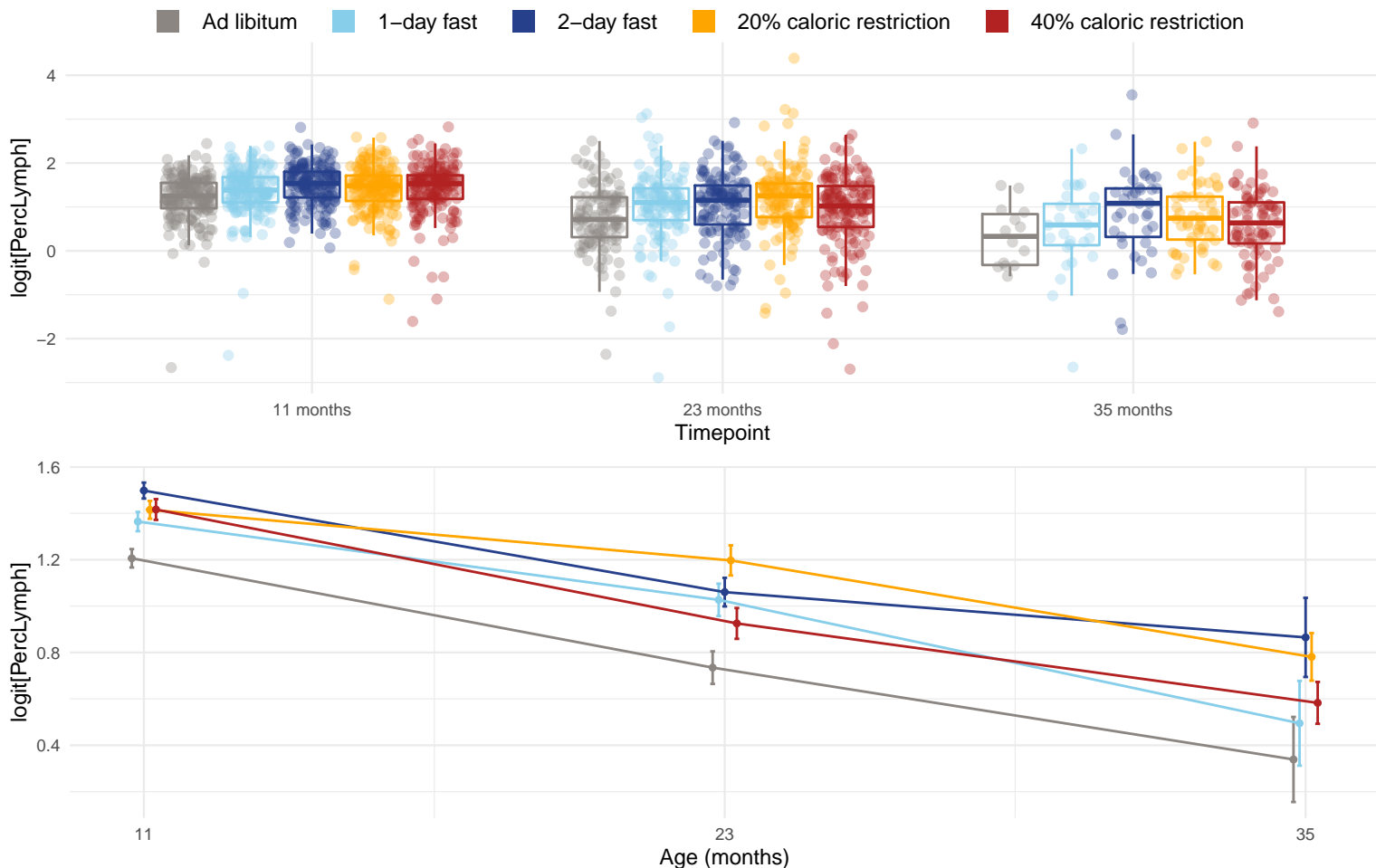


Diet and age effects on percent lymphocytes (%) = NumLymph / NumWBC



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 = $1.29\text{e-}05$ and 23 months = $9.38\text{e-}05$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are 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-1D, AL-2D, AL-20 and 20-40. The p-value for the direct effect of age on PercLymph is $1.99\text{e-}24$. The p-value for the effect of the interaction between age and diet on PercLymph is 0.014. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 20-40.