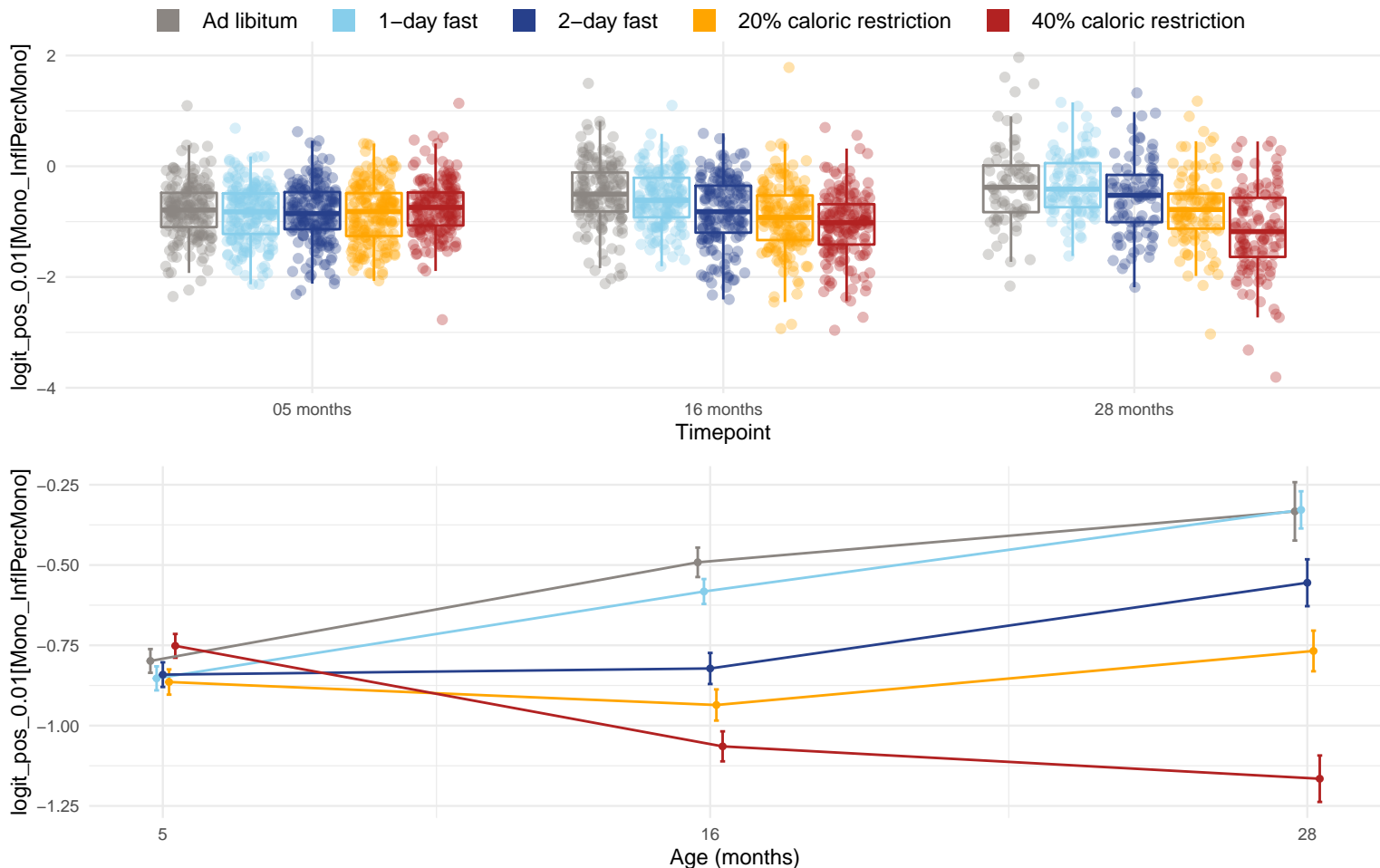


Diet and age effects on % of monocytes that are inflammatory monocytes (CD11C- and CD62L+)



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): 05 months, 16 months and 28 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: 05 months = 0.0831; 16 months = $3.89\text{e-}22$ and 28 months = $5.55\text{e-}21$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-2D, AL-20, AL-40, 1D-2D, 1D-20, 1D-40 and 2D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 28 months are AL-20, AL-40, 1D-20, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on Mono_InflPercMono is 0.0269. The p-value for the effect of the interaction between age and diet on Mono_InflPercMono is $2.79\text{e-}43$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-2D, AL-20, AL-40, 1D-2D, 1D-20, 1D-40, 2D-40 and 20-40.