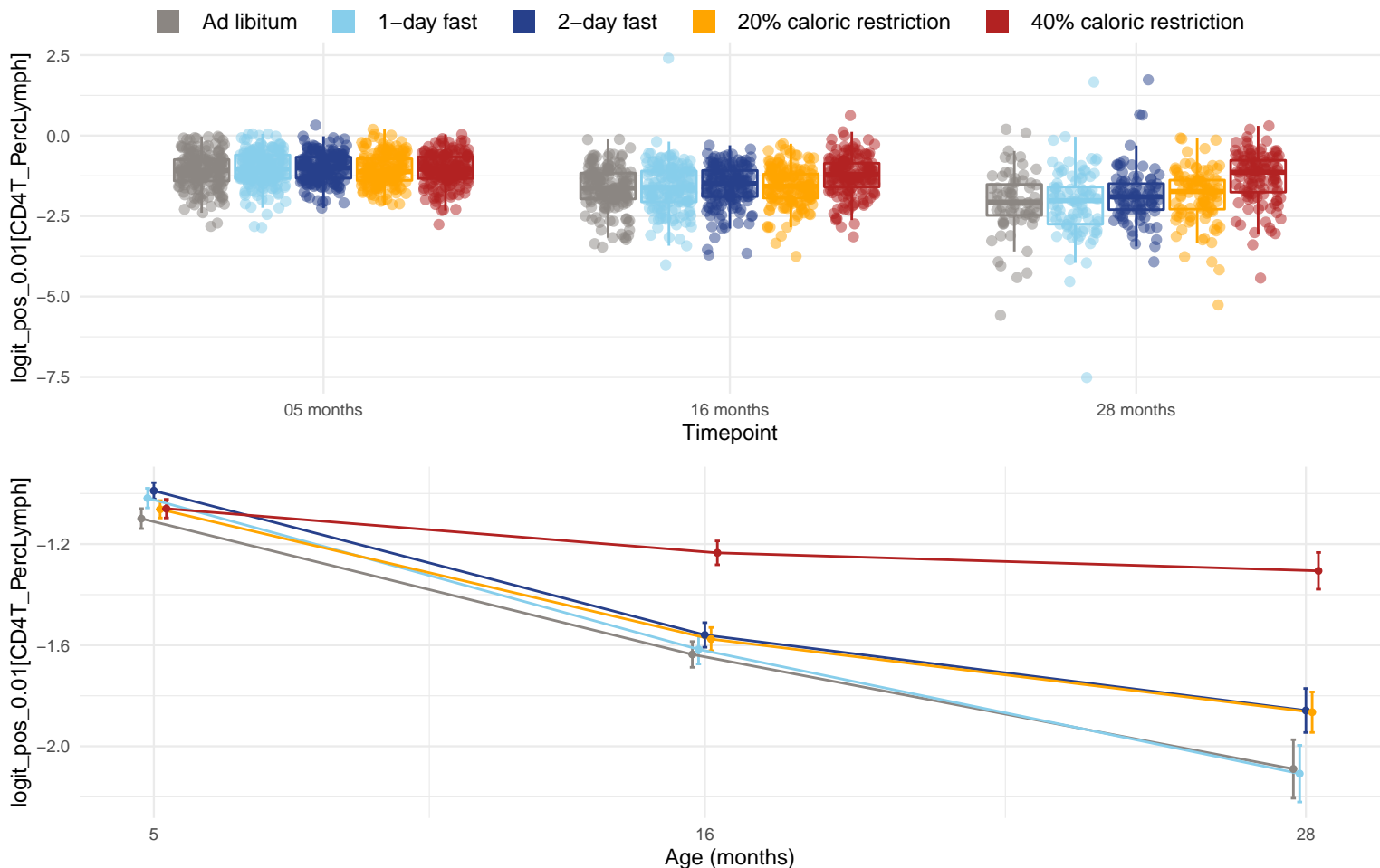


Diet and age effects on % of lymphocytes that are CD4+ T cells



Only the following timepoints were used when testing for diet and age effects: 05 months, 16 months and 28 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: 05 months = 0.869 ; 16 months = $3.27\text{e-}08$ and 28 months = $1.39\text{e-}10$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 16 months are AL-40, 1D-40, 2D-40 and 20-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 28 months are AL-40, 1D-40, 2D-40 and 20-40. The p-value for the direct effect of age on CD4T_PercLymph is $2.02\text{e-}19$. The p-value for the effect of the interaction between age and diet on CD4T_PercLymph is $7.38\text{e-}24$. 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.