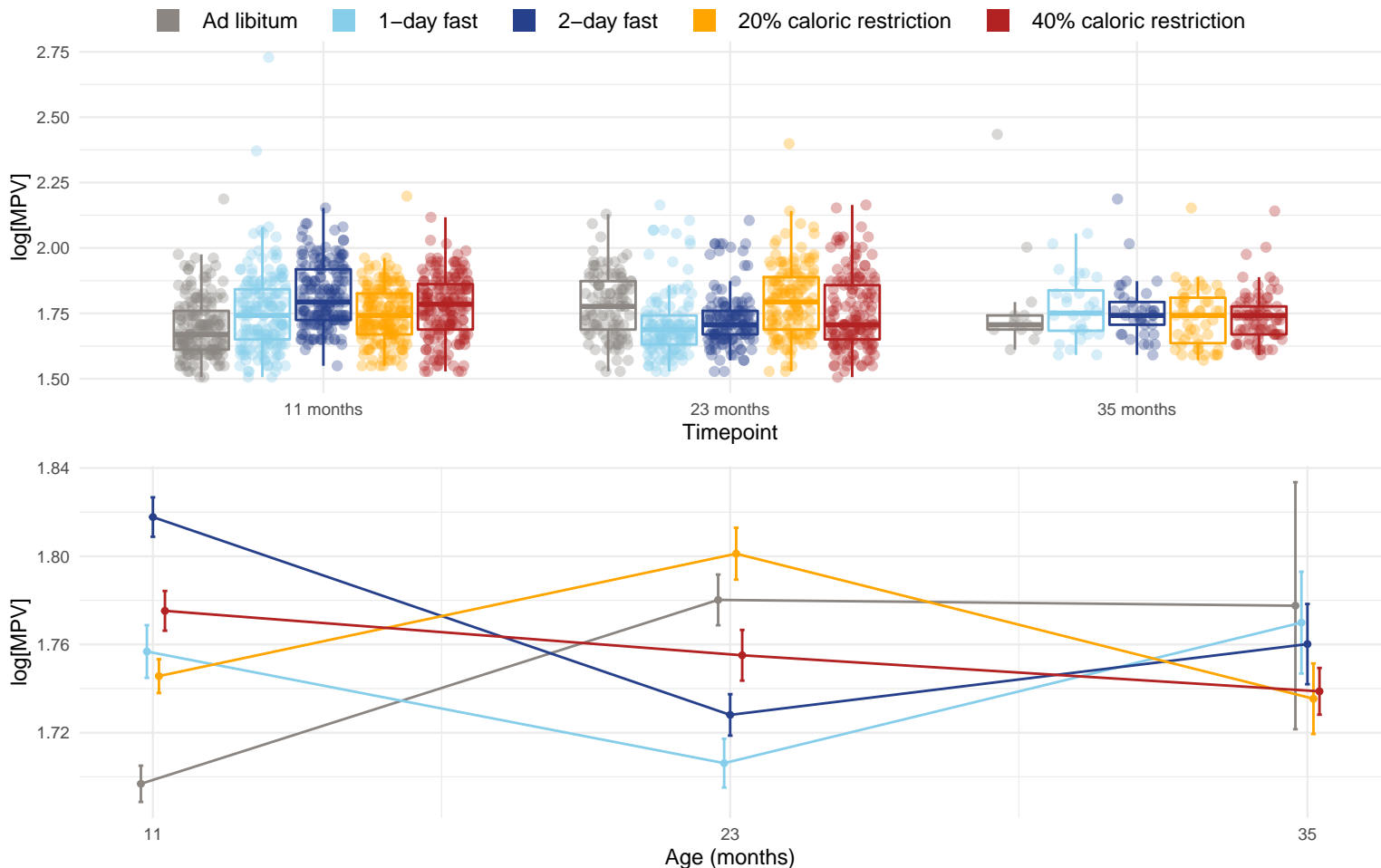


Diet and age effects on mean platelet volume (fL)



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 = $7.29\text{e-}43$ and 23 months = $2.17\text{e-}07$. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 11 months are AL-1D, AL-2D, AL-20, AL-40, 1D-2D, 1D-20, 2D-20, 2D-40 and 20-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 23 months are AL-1D, AL-2D, AL-40, 1D-20, 2D-20 and 2D-40. The p-value for the direct effect of age on MPV is 0.834. The p-value for the effect of the interaction between age and diet on MPV is $4.92\text{e-}09$. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-1D, AL-2D, AL-20, AL-40, 1D-2D, 2D-20 and 2D-40.