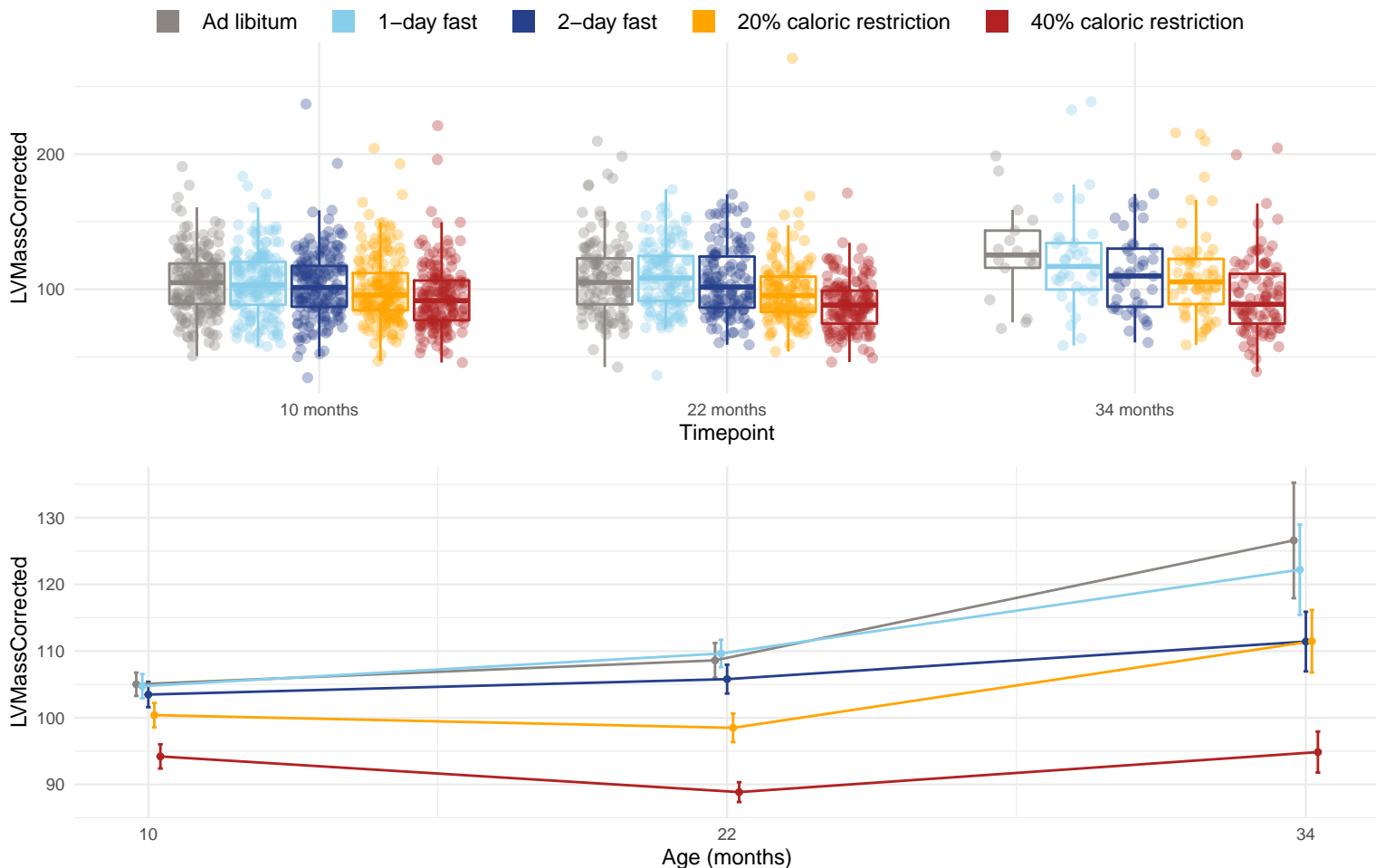


Diet and age effects on corrected left ventricle mass (mg): $0.8 * LV_{Mass}$



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): 10 months and 22 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: 10 months = 0.00351 and 22 months = 1.63e-14. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 10 months are AL-40 and 1D-40. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 22 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 LVMassCorrected is 0.0149. The p-value for the effect of the interaction between age and diet on LVMassCorrected is 0.000593. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are AL-40, 1D-40 and 2D-40.