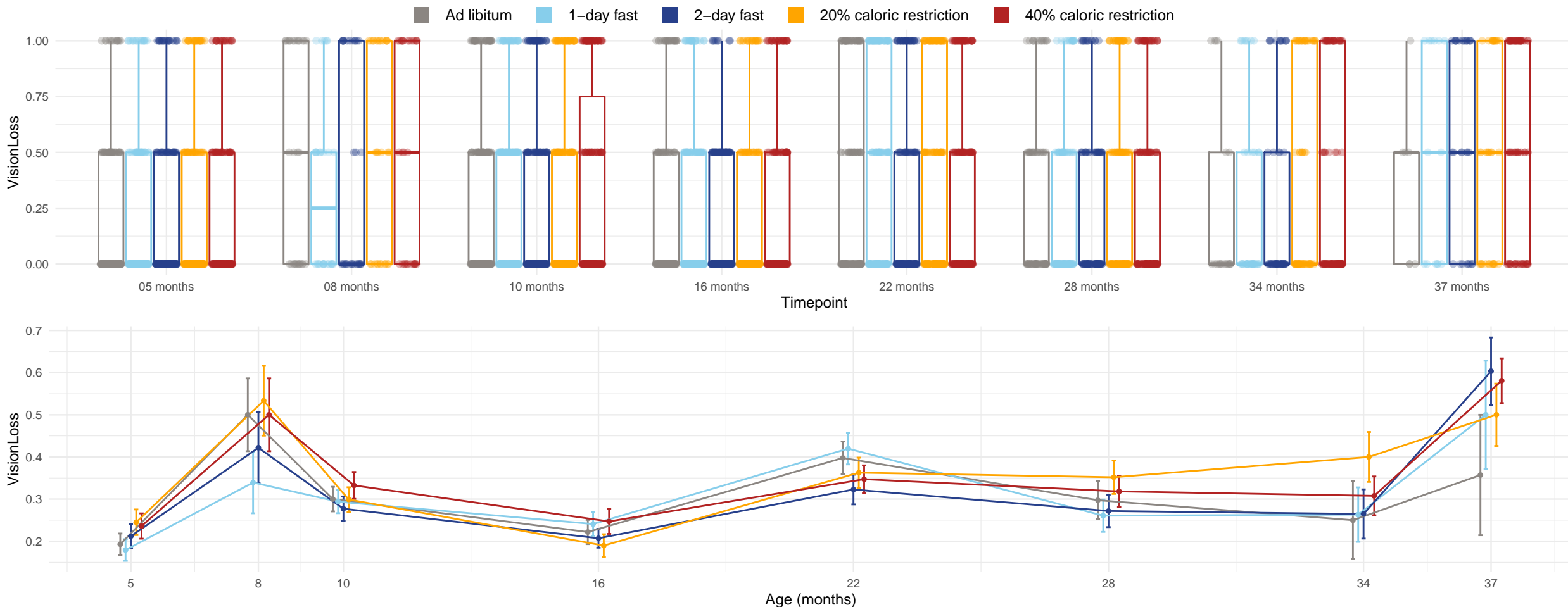


Diet and age effects on Vision loss, height at which mouse reaches towards a surface when lowered (0, 0.5, 1)



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, 08 months, 10 months, 16 months, 22 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 = 0.27; 08 months = 0.282; 10 months = 0.434; 16 months = 0.33; 22 months = 0.0103 and 28 months = 0.564. The diet pairs that have significantly different (Tukey p-value < 0.05) means at 22 months are 1D-2D and 1D-20. The p-value for the direct effect of age on VisionLoss is 0.185. The p-value for the effect of the interaction between age and diet on VisionLoss is 0.428.