



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 = 0.571; 16 months = 0.627 and 28 months = 0.0633. The p-value for the direct effect of age on  $\text{Mono\_CD11CposCD62LposPercMono}$  is 0.627. The p-value for the effect of the interaction between age and diet on  $\text{Mono\_CD11CposCD62LposPercMono}$  is 0.0423. The diet pairs that have significantly different (Tukey p-value < 0.05) rates of change with age are 2D-40.