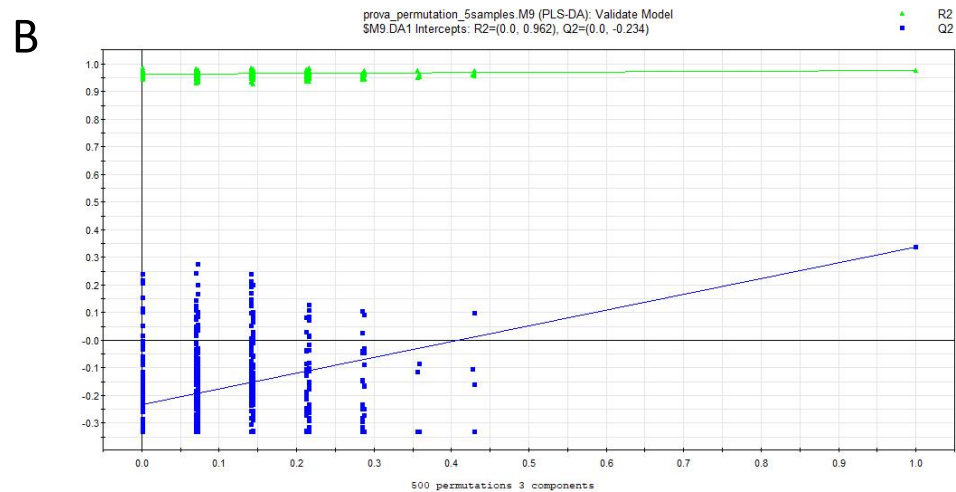
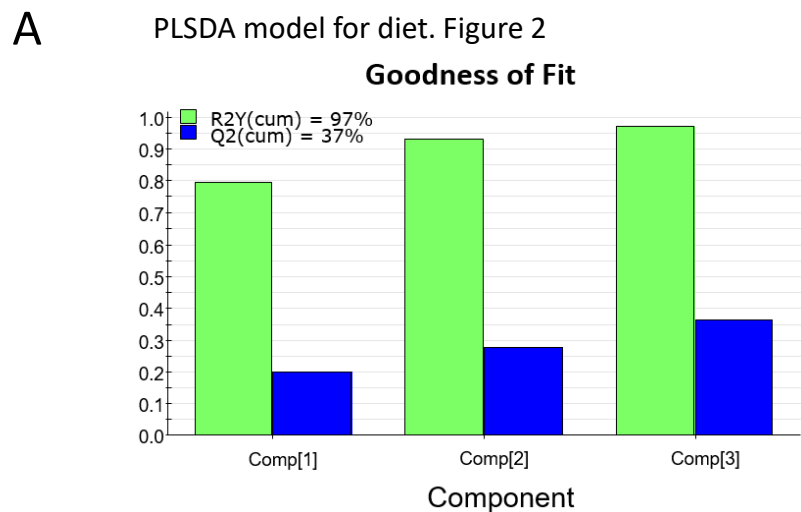
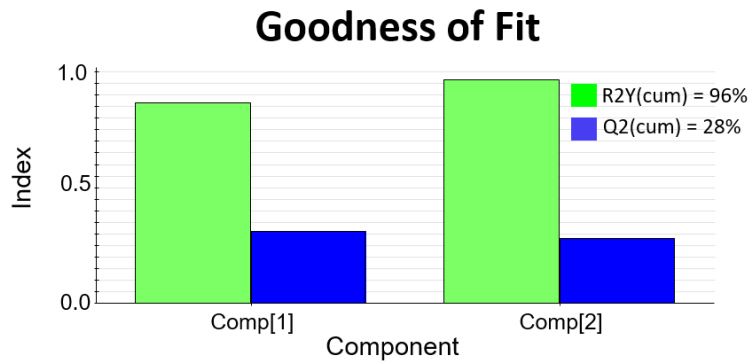


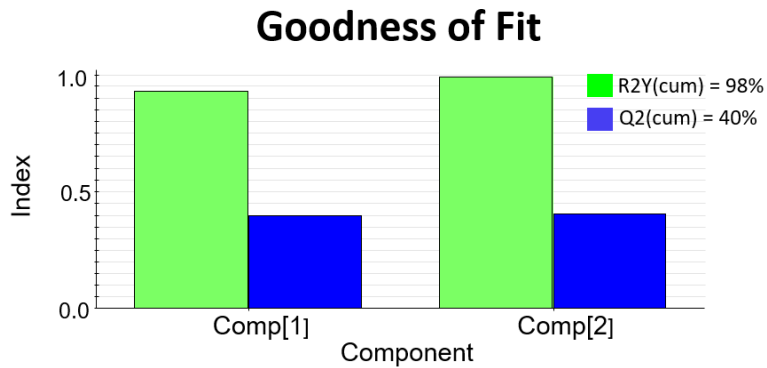
**Additional file 4:** Figure S3. Goodness of fit and validations (permutation tests) of the PLS-DA models shown in Figure 2 (A,B) and Figure 3 (C-H).



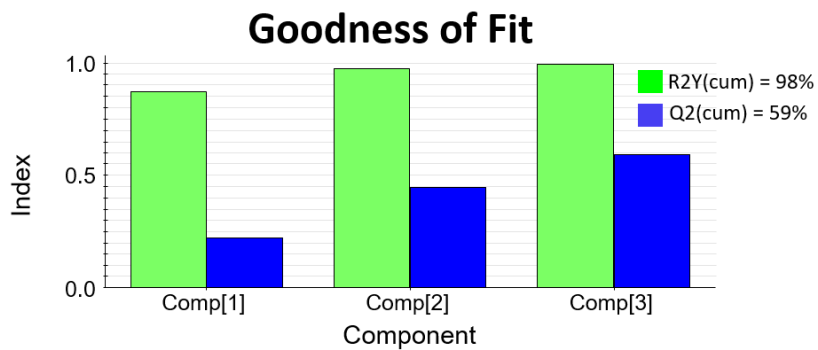
**C** PLSDA model for diet and suprafamily e5e6. Figure 3A



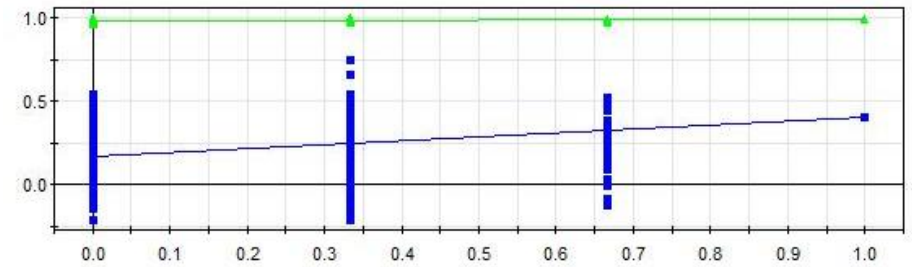
**D** PLSDA model for diet and family c2c7. Figure 3B



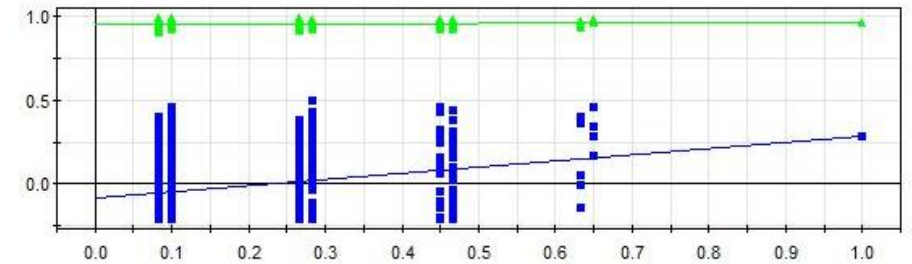
**E** PLSDA model for diet and suprafamily c4e4. Figure 3C



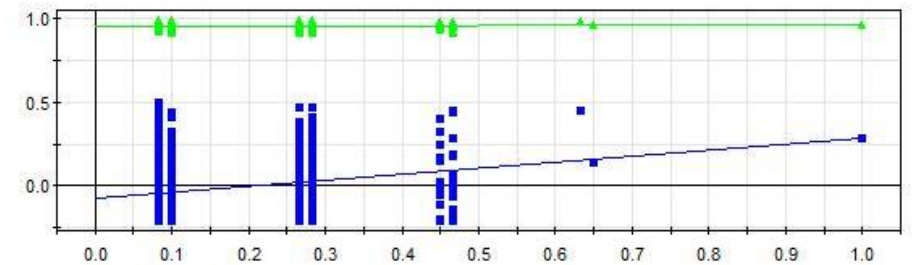
**F**



**G**



**H**



500 permutations 2 components  
▲ R2  
■ Q2