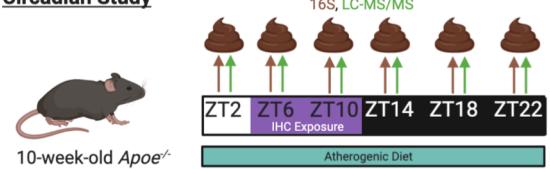
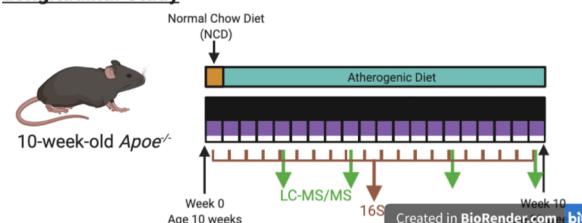


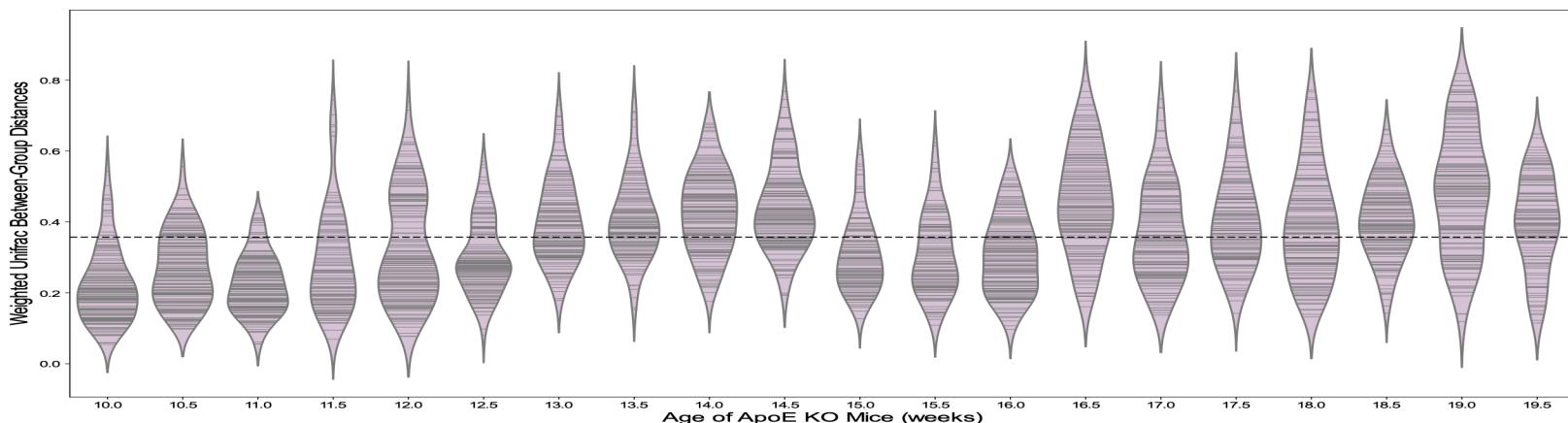
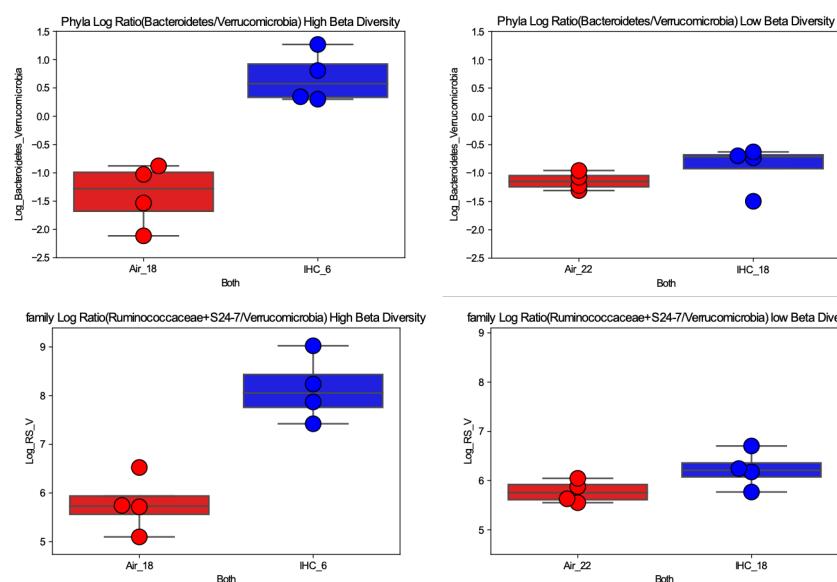
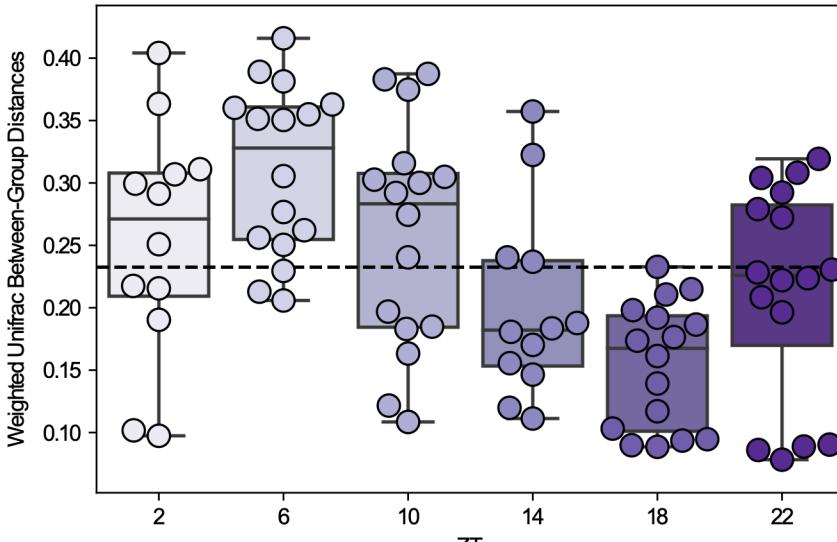
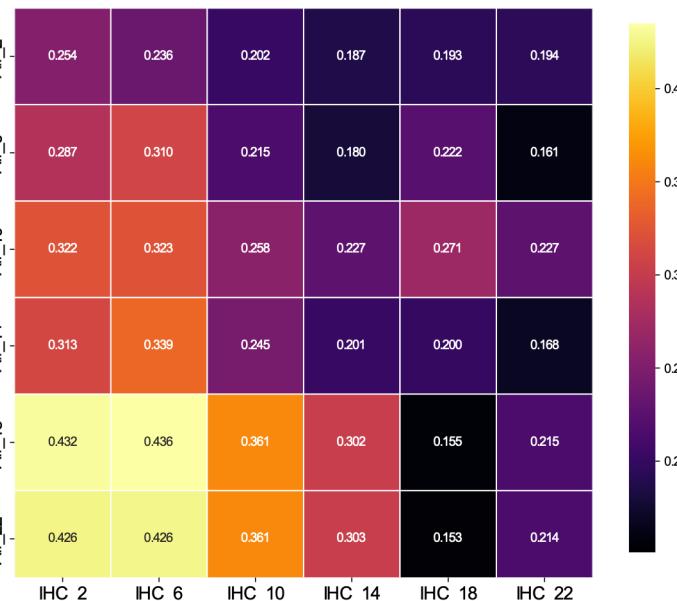
Circadian Study



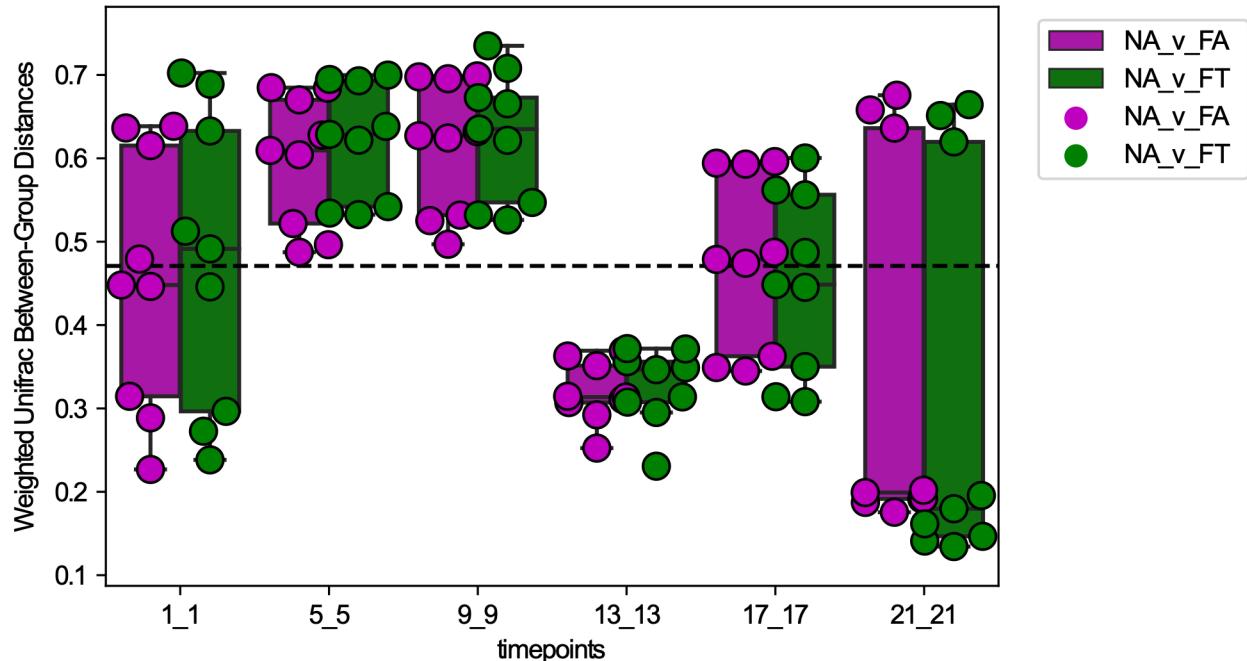
Longitudinal Study



Mean Weighted Unifrac Distances Air vs IHC



Cecum



NA vs FA

NA vs FT

Mean Weighted Unifrac Distances NCD vs HFD (ad libitum)

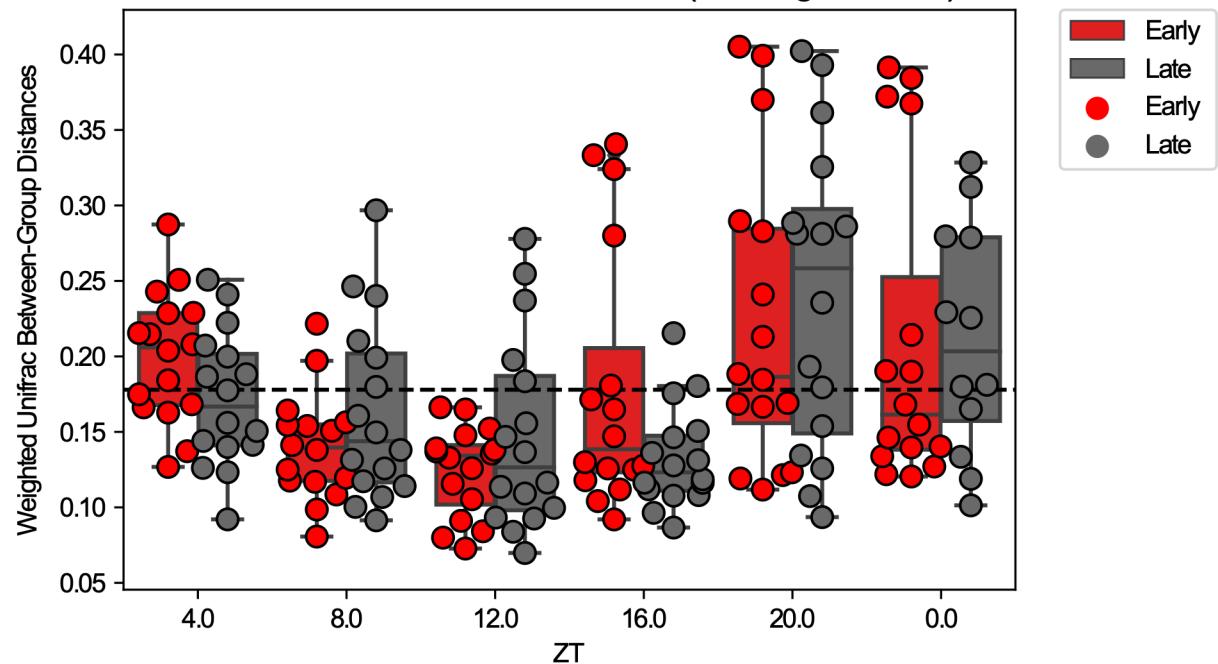
	FA_1	FA_5	FA_9	FA_13	FA_17	FA_21
NA_1	0.454	0.434	0.430	0.452	0.464	0.400
NA_5	0.519	0.494	0.504	0.537	0.537	0.473
NA_9	0.523	0.505	0.521	0.556	0.565	0.504
NA_13	0.289	0.262	0.279	0.376	0.250	0.287
NA_17	0.387	0.357	0.361	0.427	0.380	0.348
NA_21	0.389	0.309	0.353	0.396	0.412	0.351

Mean Weighted Unifrac Distances NCD (ad libitum) vs HFD (TRF)

	FT_1	FT_5	FT_9	FT_13	FT_17	FT_21
NA_1	0.476	0.430	0.439	0.438	0.437	0.427
NA_5	0.644	0.621	0.610	0.615	0.638	0.630
NA_9	0.655	0.641	0.627	0.635	0.658	0.653
NA_13	0.361	0.318	0.328	0.327	0.327	0.322
NA_17	0.491	0.444	0.463	0.449	0.452	0.451
NA_21	0.378	0.330	0.354	0.342	0.325	0.322



Ldlr KO mice, Ad Libitum vs TRF (Atherogenic Diet)



Mean Weighted Unifrac Distances Ad Lib vs TRF (Early)

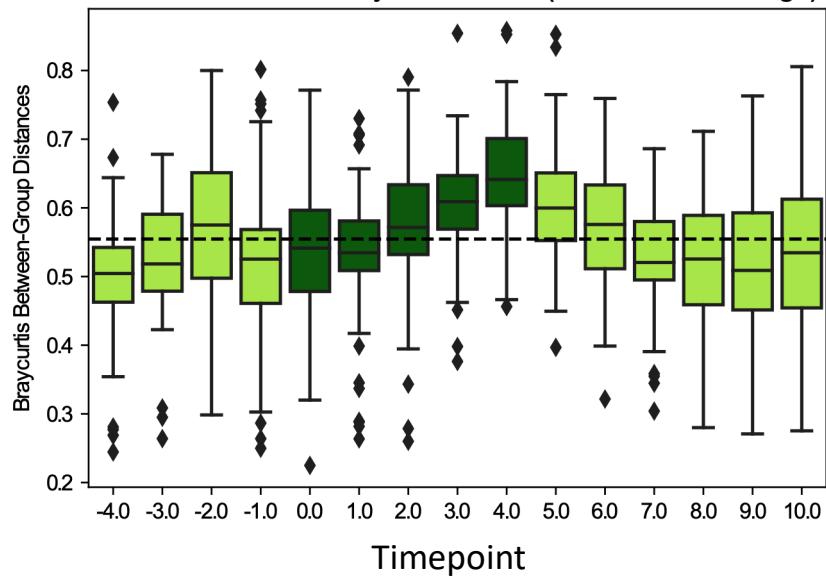
	TRF_4.0_Early	TRF_8.0_Early	TRF_12.0_Early	TRF_16.0_Early	TRF_20.0_Early	TRF_0.0_Early
adlib_4.0_Early	0.200	0.156	0.167	0.155	0.213	0.177
adlib_8.0_Early	0.197	0.140	0.140	0.138	0.196	0.144
adlib_12.0_Early	0.201	0.136	0.124	0.123	0.189	0.124
adlib_16.0_Early	0.247	0.201	0.181	0.180	0.209	0.164
adlib_20.0_Early	0.263	0.228	0.215	0.206	0.222	0.196
adlib_0.0_Early	0.263	0.232	0.221	0.213	0.226	0.210

Mean Weighted Unifrac Distances Ad Lib vs TRF (Late)

	adlib_4.0_Late	adlib_8.0_Late	adlib_12.0_Late	adlib_16.0_Late	adlib_20.0_Late	adlib_0.0_Late
adlib_4.0_Late	0.172	0.140	0.154	0.154	0.173	0.224
adlib_8.0_Late	0.175	0.163	0.198	0.197	0.202	0.252
adlib_12.0_Late	0.171	0.144	0.148	0.151	0.176	0.216
adlib_16.0_Late	0.193	0.145	0.123	0.133	0.161	0.206
adlib_20.0_Late	0.260	0.232	0.224	0.228	0.240	0.275
adlib_0.0_Late	0.212	0.173	0.155	0.162	0.186	0.211

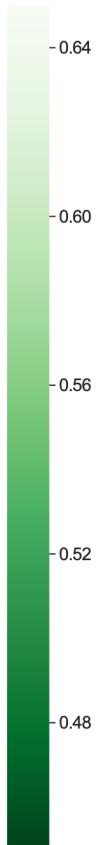
Legend: TRF_4.0_Early (red), TRF_8.0_Early (grey), TRF_12.0_Early (red), TRF_16.0_Early (grey), TRF_20.0_Early (red), TRF_0.0_Early (grey), TRF_4.0_Late (red), TRF_8.0_Late (grey), TRF_12.0_Late (red), TRF_16.0_Late (grey), TRF_20.0_Late (red), TRF_0.0_Late (grey).

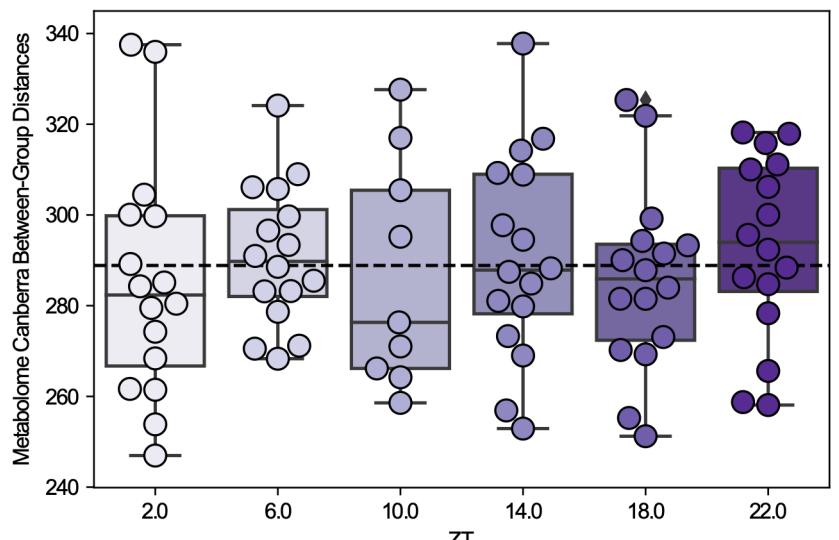
Plant vs Animal Dietary Intervention (Humans, Tumbaugh)



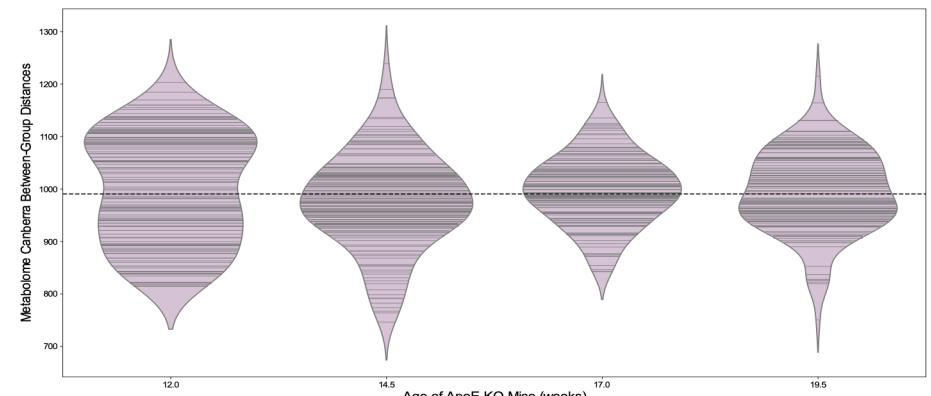
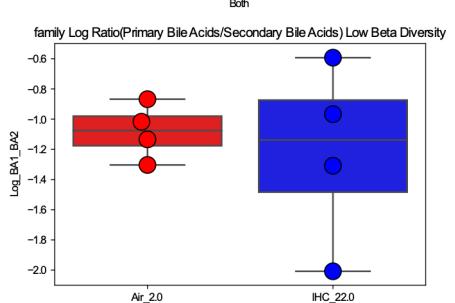
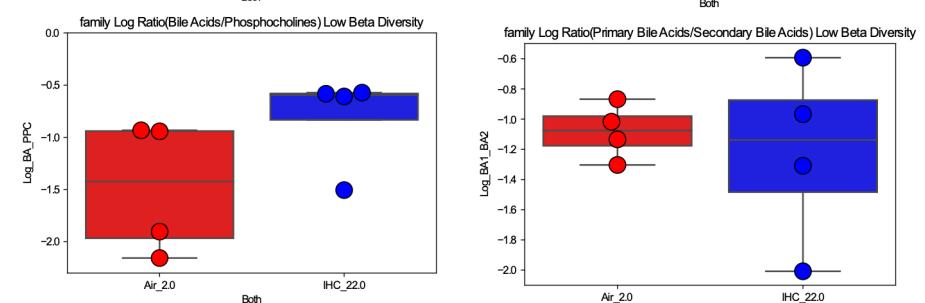
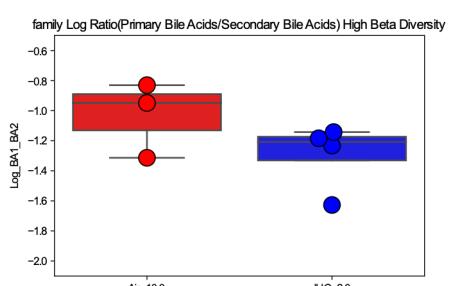
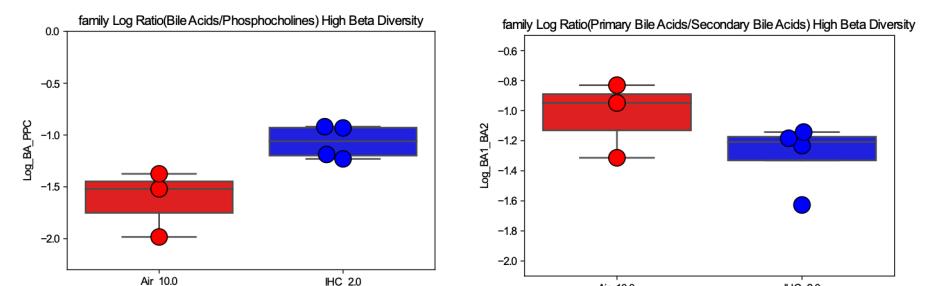
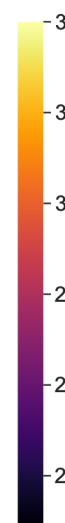
Mean Braycurtis Distances (Human, Tumbaugh 2012)

Animal_{-4.0}	0.474	0.499	0.519	0.559	0.535	0.545	0.527	0.508	0.531	0.526	0.515	0.542	0.535	0.523	0.504	0.530
Animal_{-3.0}	0.500	0.495	0.519	0.560	0.536	0.547	0.522	0.511	0.534	0.527	0.518	0.541	0.522	0.516	0.508	0.529
Animal_{-2.0}	0.499	0.521	0.541	0.573	0.549	0.553	0.536	0.525	0.551	0.546	0.533	0.549	0.548	0.539	0.517	0.543
Animal_{-1.0}	0.475	0.491	0.516	0.550	0.526	0.536	0.514	0.494	0.523	0.520	0.502	0.533	0.525	0.516	0.490	0.516
Animal_{0.0}	0.465	0.488	0.513	0.546	0.520	0.531	0.513	0.498	0.524	0.519	0.506	0.528	0.523	0.512	0.489	0.516
Animal_{1.0}	0.482	0.506	0.530	0.559	0.535	0.545	0.533	0.520	0.543	0.537	0.528	0.548	0.539	0.526	0.508	0.530
Animal_{2.0}	0.513	0.553	0.575	0.593	0.572	0.585	0.579	0.572	0.593	0.588	0.584	0.595	0.581	0.567	0.553	0.572
Animal_{3.0}	0.501	0.566	0.589	0.606	0.587	0.596	0.602	0.589	0.603	0.603	0.600	0.615	0.604	0.577	0.564	0.586
Animal_{4.0}	0.575	0.604	0.625	0.638	0.626	0.630	0.633	0.630	0.644	0.643	0.640	0.646	0.631	0.615	0.616	0.624
Animal_{5.0}	0.523	0.558	0.586	0.606	0.585	0.603	0.597	0.594	0.606	0.604	0.603	0.616	0.595	0.577	0.569	0.589
Animal_{6.0}	0.504	0.514	0.545	0.568	0.544	0.561	0.553	0.543	0.557	0.555	0.552	0.572	0.554	0.539	0.528	0.546
Animal_{7.0}	0.472	0.488	0.516	0.551	0.524	0.546	0.526	0.507	0.527	0.525	0.517	0.547	0.527	0.519	0.502	0.526
Animal_{8.0}	0.479	0.490	0.519	0.546	0.522	0.530	0.518	0.499	0.523	0.520	0.508	0.536	0.524	0.516	0.496	0.513
Animal_{9.0}	0.479	0.503	0.519	0.563	0.534	0.552	0.530	0.514	0.536	0.529	0.521	0.543	0.532	0.525	0.513	0.537
Animal_{10.0}	0.482	0.512	0.531	0.567	0.540	0.555	0.534	0.512	0.536	0.531	0.516	0.544	0.541	0.535	0.514	0.535



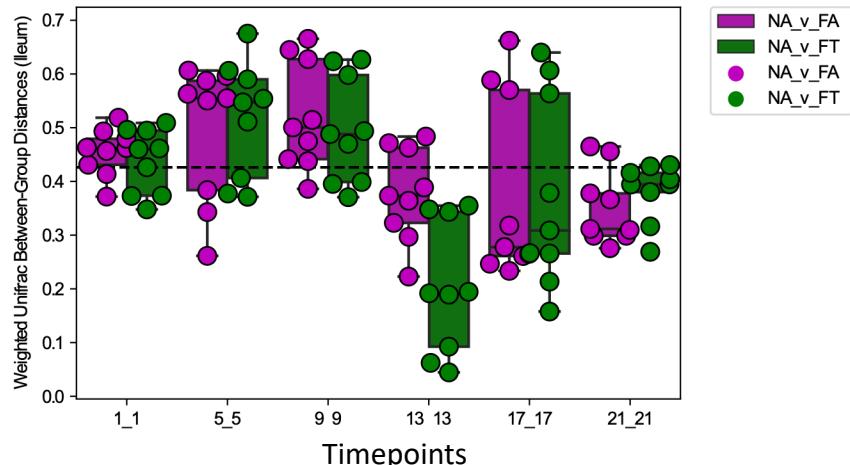


Mean Canberra Distances Air vs IHC



Supplemental

Ileum



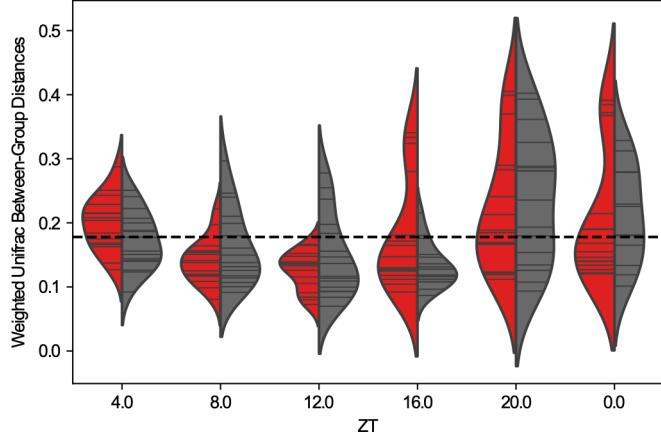
Mean Weighted Unifrac Distances NCD vs HFD (ad libitum)

	FA_1	FA_5	FA_9	FA_13	FA_17	FA_21
NA_1	0.454	0.434	0.430	0.452	0.464	0.400
NA_5	0.519	0.494	0.504	0.537	0.537	0.473
NA_9	0.523	0.505	0.521	0.556	0.565	0.504
NA_13	0.289	0.262	0.279	0.376	0.250	0.287
NA_17	0.387	0.357	0.361	0.427	0.380	0.348
NA_21	0.389	0.309	0.353	0.396	0.412	0.351

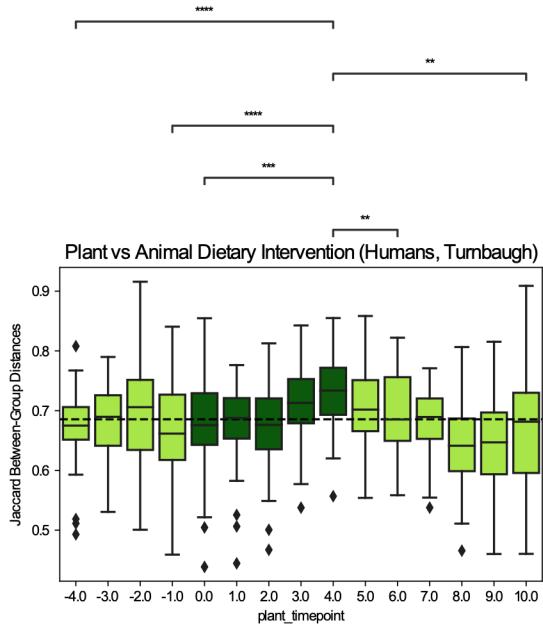
Mean Weighted Unifrac Distances NCD (ad libitum) vs HFD (TRF)

	FT_1	FT_5	FT_9	FT_13	FT_17	FT_21
NA_1	0.438	0.455	0.448	0.481	0.457	0.437
NA_5	0.522	0.515	0.501	0.569	0.559	0.515
NA_9	0.557	0.521	0.496	0.623	0.610	0.539
NA_13	0.282	0.321	0.320	0.202	0.277	0.341
NA_17	0.371	0.397	0.394	0.365	0.378	0.397
NA_21	0.376	0.379	0.376	0.408	0.386	0.381

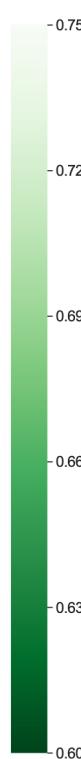
Ldlr KO mice, Ad Libitum vs TRF (Atherogenic Diet)



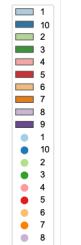
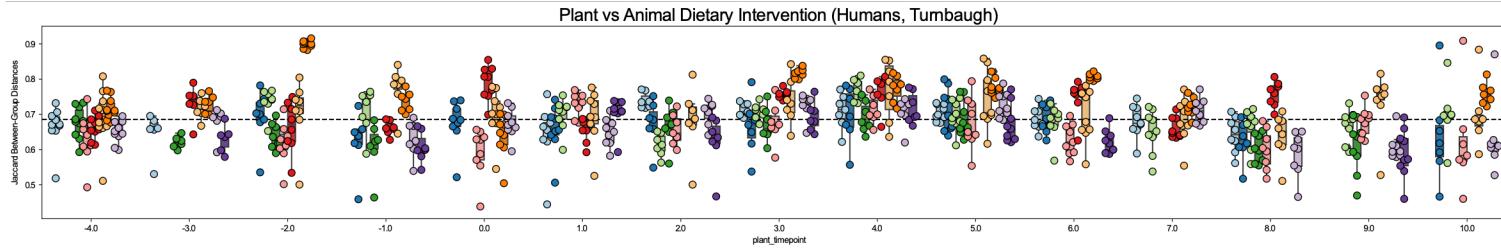
Supplemental



	Mean Jaccard Distances (Human, Turnbaugh 2012)																
	Animal_-4.0	0.624	0.672	0.676	0.709	0.682	0.687	0.685	0.653	0.695	0.678	0.666	0.687	0.686	0.650	0.647	0.665
Animal_-3.0	0.628	0.666	0.680	0.706	0.680	0.690	0.681	0.651	0.696	0.679	0.669	0.686	0.683	0.644	0.639	0.658	
Animal_-2.0	0.630	0.674	0.683	0.708	0.683	0.685	0.685	0.657	0.697	0.683	0.672	0.687	0.690	0.656	0.649	0.663	
Animal_-1.0	0.618	0.659	0.671	0.697	0.669	0.674	0.672	0.638	0.684	0.669	0.653	0.678	0.678	0.642	0.634	0.648	
Animal_0.0	0.614	0.665	0.676	0.702	0.673	0.679	0.679	0.642	0.691	0.674	0.659	0.679	0.685	0.642	0.631	0.649	
Animal_1.0	0.615	0.660	0.674	0.701	0.672	0.678	0.680	0.645	0.692	0.675	0.662	0.680	0.682	0.645	0.635	0.652	
Animal_2.0	0.620	0.681	0.697	0.712	0.683	0.693	0.694	0.670	0.712	0.695	0.689	0.699	0.696	0.660	0.651	0.666	
Animal_3.0	0.622	0.682	0.701	0.719	0.691	0.697	0.704	0.681	0.716	0.705	0.699	0.710	0.705	0.669	0.665	0.680	
Animal_4.0	0.670	0.706	0.724	0.739	0.720	0.724	0.723	0.711	0.742	0.731	0.728	0.734	0.723	0.696	0.699	0.708	
Animal_5.0	0.632	0.689	0.709	0.727	0.699	0.709	0.709	0.689	0.727	0.713	0.710	0.719	0.710	0.674	0.668	0.686	
Animal_6.0	0.623	0.666	0.687	0.702	0.677	0.686	0.687	0.659	0.701	0.686	0.678	0.694	0.691	0.650	0.642	0.657	
Animal_7.0	0.615	0.664	0.679	0.704	0.676	0.688	0.684	0.649	0.692	0.678	0.667	0.688	0.684	0.649	0.640	0.657	
Animal_8.0	0.615	0.661	0.676	0.699	0.667	0.673	0.676	0.638	0.687	0.670	0.658	0.680	0.678	0.640	0.630	0.641	
Animal_9.0	0.615	0.665	0.670	0.705	0.675	0.686	0.681	0.652	0.691	0.675	0.666	0.681	0.680	0.651	0.649	0.666	
Animal_10.0	0.635	0.685	0.694	0.717	0.691	0.700	0.700	0.666	0.706	0.693	0.679	0.699	0.703	0.671	0.662	0.676	



Jaccard, by patient



Braycurtis, by patient

