

The Microbiota and Individual Community Members in Colorectal Cancer: Is There a Common Theme?

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Supplemental

Table S1: Bray-Curtis Distance Matrix Analyzed by PERMANOVA for Stool Adenoma

F statistic	R2	P-value	Study	Adenoma n	Control n
0.63	0.059	0.7562	Brim	6	6
1.85	0.021	0.0096	Zeller	37	50
1.04	0.003	0.3788	Baxter	198	172
1.01	0.001	0.3658	Hale	214	473

Table S2: Bray-Curtis Distance Matrix Analyzed by PERMANOVA for Stool Carcinoma

F statistic	R2	P-value	Study	Carcinoma n	Control n
3.47	0.034	0.0001	Wang	46	56
1.07	0.107	0.3431	Weir	7	4
2.18	0.010	0.0033	Ahn	62	148
2.38	0.019	0.0006	Zeller	41	87
2.15	0.004	0.0013	Baxter	120	370
0.97	0.001	0.7321	Hale	17	687
1.27	0.016	0.0460	Flemer	43	37

Table S3: Bray-Curtis Distance Matrix Analyzed by PERMANOVA for Tissue Adenoma

F statistic	R2	P-value	Study	Adenoma n	Control n
5.03	0.144	1e-04	Lu	17	15
2.51	0.018	1e-04	Flemer	37	103
5.27	0.569	1e-01	Lu (Matched)	3	3

Table S4: Bray-Curtis Distance Matrix Analyzed by PERMANOVA for Tissue Carcinoma

F statistic	R2	P-value	Study	Carcinoma n	Control n
1.75	0.025	0.0069	Sanapareddy	33	38
1.07	0.051	0.0995	Burns	10	12
6.93	0.029	0.0001	Flemer	94	140
1.10	0.064	0.2691	Chen	9	9
1.20	0.048	0.2515	Dejea (Matched)	13	13
0.43	0.030	0.9816	Geng (Matched)	8	8
0.81	0.168	1.0000	Burns (Matched)	3	3

Table S2: Summary of Common OTUs for All Diagnosis Groups

Table S5: Summary of mtry ranges used for the treatment and diagnosis models