

Abundance %

Model A

Bacterial Genus	Stationary	Rifaximin Period				Recovery Period	
	Phase						
	Day 5	Day 15	Day 20	Day 23	Day 33	Day 44	
Oscillospira	29.019716	43.289219	39.73106	37.450863	32.395287	34.198063	
Bifidobacterium	33.633713	37.042725	31.787823	31.739561	31.943886	27.00218	
Megasphaera	0.565121	9.663425	0.470049	1.182694	6.364948	7.199161	
Faecalibacterium	3.275479	0.414321	6.869264	2.244087	1.037052	0.41625	
Coprococcus	1.675923	0.255904	0.22015	0.20217	1.64955	1.150424	
Acidaminococcus	28.29353	2.4908	14.14164	22.919334	11.587126	13.860802	
Ruminococcus	0.290197	0.533743	0.553349	0.403217	0.192979	6.170007	
Sutterella	0.827548	3.338939	2.378509	1.118674	4.445228	2.728569	
Bacteroides	0.89975	0.389949	0.708049	0.17746	0.599074	0.680094	
Parabacteroides	0.715079	0.25103	0	0.010108	2.265405	1.202865	
Pyramidobacter	0.206887	0.870074	0.002975	0	0.199691	0.014749	
Clostridium	0.131908	0.129171	0.014875	0.015724	0.010068	0.01311	
Dorea	0.126354	0.148668	0.07735	0.080868	0.342328	0.12127	
Lactobacillus	0	0.114548	0.2023	0.069636	0.939723	0.920994	
Blautia	0.026382	0.17304	0.055037	0.055035	0.010068	0.011471	
Desulfovibrio	0.012497	0.282713	0.229075	0.150504	0.063767	0.145851	
Christensenella	0.002777	0.026809	0	0	0	0	
Lachnospira	0.031936	0.355829	2.469246	2.087966	5.791046	4.051064	
Phascolarctobacterium	0.069425	0.009749	0	0.004493	0	0.003278	
Pediococcus	0	0.004874	0.004462	0.001123	0	0	
Holdemania	0.020828	0.124296	0.02975	0.06402	0.031883	0.021304	
Anaerotruncus	0.022216	0.012186	0	0.001123	0.001678	0	
Anaerofustis	0.062483	0.019497	0	0	0	0	
Eggerthella	0.004166	0.004874	0	0.010108	0.023493	0.022943	
Turicibacter	0.051375	0.01706	0.001487	0.005616	0.005034	0.006555	
Bilophila	0.002777	0.002437	0.001487	0.002246	0.010068	0.014749	
Prevotella	0.001389	0.002437	0	0	0.001678	0	
Peptococcus	0.001389	0.002437	0	0	0	0	
Allobaculum	0.001389	0.002437	0.001487	0	0	0	
Odoribacter	0.00972	0	0	0	0	0.001639	
Corynebacterium	0.002777	0	0	0	0	0	
Collinsella	0.002777	0	0.049087	0	0.083904	0.036053	
Coprobacillus	0.002777	0	0	0	0	0	
Butyrivimonas	0.001389	0	0	0	0	0	
Flexispira	0.001389	0	0	0.001123	0	0.001639	
Escherichia	0.001389	0	0	0	0	0	
Slackia	0.001389	0	0	0	0	0	
Dehalobacterium	0.001389	0.004874	0	0	0	0	
Anaerostipes	0.001389	0	0	0	0	0	
Veillonella	0.001389	0.002437	0	0	0	0	
Mucispirillum	0	0.002437	0	0	0	0	
Acinetobacter	0	0	0.001487	0	0	0	
Micrococcus	0	0.002437	0	0	0	0	
Enterococcus	0	0	0	0	0	0.001639	
Oxobacter	0	0.004874	0	0	0	0	
Roseburia	0	0	0	0	0.001678	0	
Anaerofilum	0	0.002437	0	0	0	0	
Megamonas	0	0	0	0.001123	0	0	
Anaeroplasma	0	0	0	0	0	0.001639	
Methanobrevibacter	0	0.007312	0	0.001123	0.003356	0.001639	

Abundance %

Model B

Bacterial Genus	Abundance %					
	Stationary Phase	Rifaximin Period			Recovery Period	
	Day 5	Day 15	Day 20	Day 23	Day 33	Day 44
Oscillospira	20.113325	47.22475	42.10556	20.71148	30.27105	45.24741
Bifidobacterium	35.095963	24.81319	29.85887	35.59251	33.94846	28.16672
Megasphaera	0.711731	8.899494	4.906878	11.87341	4.472561	12.70487
Faecalibacterium	1.323268	3.839276	1.476538	2.069762	0.146068	0
Coprococcus	0.701366	1.225679	3.26628	2.453223	2.606594	0.822843
Acidaminococcus	35.74205	7.592103	6.70967	18.51698	21.59132	4.946001
Ruminococcus	0.606354	0.266452	0.149145	0.14322	0.116237	0.138631
Sutterella	1.228255	2.83268	2.664106	3.294063	3.319447	1.873756
Bacteroides	1.983174	0.16224	1.187569	0.887041	0.485522	0.699864
Parabacteroides	1.153972	0.795803	0.005593	0.0693	0.385743	0.641728
Pyramidobacter	0.003455	0.460666	0.020507	0.01386	0.36517	1.406435
Clostridium	0.528616	1.187783	0.160331	0.02772	0.02263	0.004472
Dorea	0.120925	0.099475	0.139824	0.1617	0.27362	0.263846
Lactobacillus	0.005183	0.348164	1.63314	0.586741	0.169727	0.565704
Lachnospira	0.022458	0.05329	5.484815	3.400323	1.59749	2.023567
Anaerotruncus	0.010365	0.024869	0.001864	0	0.003086	0
Holdemania	0.031095	0.005921	0.007457	0.00462	0.010286	0.071552
Prevotella	0.036278	0.001184	0	0	0	0
Blautia	0.081193	0.045001	0.137959	0.09702	0.054518	0.013416
Phascolarctobacterium	0.191753	0.005921	0.003729	0	0.002057	0.002236
Bilophila	0.005183	0.013027	0.022372	0.01386	0.002057	0.008944
Anaerofustis	0.015548	0.004737	0.001864	0.00924	0.011315	0
Christensenella	0	0.001184	0.001864	0	0.013372	0.038012
Desulfovibrio	0.031095	0.047369	0.016779	0.0231	0.051432	0.163227
Eggerthella	0	0.005921	0	0.01386	0.012344	0.024596
Turicibacter	0.171023	0.010658	0.007457	0.00462	0.006172	0.01118
Collinsella	0.051825	0	0.001864	0	0.050404	0.040248
Butyricimonas	0.01382	0	0	0	0	0
Alistipes	0.005183	0	0	0	0	0
Dehalobacterium	0.005183	0.001184	0	0.00462	0	0
Enterococcus	0.003455	0	0	0	0	0
Slackia	0.001728	0	0	0	0	0
Peptococcus	0.001728	0.001184	0.001864	0	0.001029	0.002236
Coprobacillus	0.001728	0	0	0	0	0
Megamonas	0.001728	0	0	0	0	0
Mucispirillum	0	0	0.001864	0.00462	0.001029	0
Odoribacter	0	0	0	0.00462	0	0
Lautropia	0	0	0	0	0.001029	0
Flexispira	0	0	0	0	0	0.002236
Citrobacter	0	0.001184	0	0	0.008229	0.053664
Akkermansia	0	0	0.001864	0	0	0
Brevibacterium	0	0	0	0	0	0.002236
Anaerobacillus	0	0	0.001864	0	0	0
Bacillus	0	0	0	0	0	0.049192
Pediococcus	0	0.021316	0.01305	0	0	0
Streptococcus	0	0	0	0	0	0
Caldicoprobacter	0	0.001184	0	0	0	0
Anaerostipes	0	0.001184	0.001864	0	0	0.004472
Allobaculum	0	0.002368	0.003729	0	0	0
Catenibacterium	0	0	0	0	0	0
Dialister	0	0.002368	0	0.00924	0	0
Veillonella	0	0.001184	0	0.00924	0	0.006708
Methanobrevibacter	0	0	0.001864	0	0	0

Abundance %

Model C

Bacterial Genus	Stationary Phase	Rifaximin Period			Recovery Period	
	Day 5	Day 15	Day 20	Day 23	Day 33	Day 44
Oscillospira	11.373931	21.8063	24.45204	26.64747	27.59276	48.16664
Bifidobacterium	38.018551	42.49017	48.83443	41.83551	34.22986	20.6206
Megasphaera	0.790855	7.043123	6.777964	8.433627	7.26607	3.205025
Faecalibacterium	8.109857	1.245854	0.032649	0.976412	1.783661	2.270897
Coprococcus	0.848372	0.709712	0.319962	0.83156	0.441221	0.499275
Acidaminococcus	34.093033	18.39466	16.14392	14.90907	17.86008	10.05351
Ruminococcus	0.215688	0.111857	1.292906	0.323682	4.301908	9.346647
Sutterella	2.005895	2.640207	0.768343	4.04156	2.041822	2.462375
Bacteroides	0.567978	0.217928	0.015236	0.384485	1.030299	0.878653
Parabacteroides	0.496082	0.939212	0.00653	0.692072	1.753151	1.249083
Pyramidobacter	0.00719	3.654632	0	0.007153	0	0.238006
Clostridium	0.107844	0.017357	0.393966	0.162735	0.692342	0.245164
Dorea	0.165361	0.244928	0.25684	0.364813	0.675914	0.189689
Lactobacillus	0	0.025071	0.002177	0.003577	0.011735	0.014316
Lachnospira	2.343806	0.017357	0.017413	0.012518	0.004694	0.010737
Christensenella	0.00719	0.028928	0	0	0	0
Blautia	0.273204	0.057857	0.037002	0.02146	0.086836	0.044738
Corynebacterium	0	0.061714	0.004353	0	0	0
Holdemania	0.028758	0.167785	0.185012	0.062591	0.028163	0.143161
Desulfotomaculum	0	0.023143	0	0	0	0
Bilophila	0	0.0135	0.002177	0.014306	0.004694	0.00179
Anaerotruncus	0.021569	0.001929	0	0	0	0
Eggerthella	0.014379	0.023143	0.002177	0.008942	0.011735	0.005369
Anaerofustis	0.021569	0.0135	0.017413	0.003577	0.049285	0.005369
Veillonella	0	0.023143	0.052239	0.078685	0	0.00179
Turicibacter	0.150981	0.001929	0.004353	0.062591	0.002347	0.010737
Anaerovorax	0.00719	0	0	0	0	0
Phascolarctobacterium	0.186929	0.003857	0.00653	0.001788	0.002347	0.014316
Staphylococcus	0	0.001929	0	0	0	0
Desulfovibrio	0.028758	0.001929	0.002177	0.007153	0.002347	0.141372
Collinsella	0.014379	0.009643	0.032649	0.033978	0.042245	0.034001
Mucispirillum	0	0.003857	0	0	0.002347	0
Megamonas	0	0	0.002177	0	0	0
Helicobacter	0.00719	0	0	0	0	0
Prevotella	0	0	0	0	0	0.00179
Pediococcus	0	0.001929	0	0	0	0
Enterococcus	0	0	0.032649	0.041131	0.037551	0.087686
Odoribacter	0.00719	0	0	0	0	0.00179
Bulleidia	0	0	0.280783	0.026825	0.011735	0.008948
Oxobacter	0	0	0	0	0.004694	0
Anaeroplasma	0	0	0	0	0	0.00179
Akkermansia	0	0	0.00653	0.003577	0	0
Anaerobacillus	0	0	0.00653	0.003577	0	0.007158
Peptococcus	0	0	0.00653	0	0.002347	0
Haemophilus	0	0	0.002177	0.001788	0	0
Gracilibacter	0	0	0.002177	0	0	0.00179
Allobaculum	0.064706	0	0	0	0	0
Butyrivibrio	0.00719	0	0	0	0	0
Roseburia	0.00719	0	0	0	0	0
Dialister	0.00719	0	0	0	0	0
Lautropia	0	0	0	0.001788	0	0
Flexispira	0	0	0	0	0	0.00179
Citrobacter	0	0	0	0	0.002347	0.007158
Micrococcus	0	0	0	0	0.018775	0.021474
Caldicoprobacter	0	0	0	0	0.002347	0
Acetobacterium	0	0	0	0	0	0
Anaerostipes	0	0.001929	0	0	0.002347	0.00179
Anaerococcus	0	0	0	0	0	0.003579