

Model_Output

Initial_Quantity	Consumable	Essential	UnitMass	UnitVol	VehicleResource	r_id
136	1	0	0.01	368.7		0 R6869
2	0	1	0.03875	442.5		0 R7557
300	1	1	0.00036	0.02632		0 R1899
50	1	1	0.00081	0.03443		0 R7045
6	1	0	0.004425	7.6		0 R9647
4	1	1	0.03643	7.29186		0 R772
5	1	1	0.03643	7.29186		0 R1418
1	0	1	3.2	5423		0 R1756
20	1	1	0.01	6.9		0 R196
2	1	1	0.0259	3.1865		0 R8613
35	1	0	0.00108	0.15		0 R6341
50	1	1	0.00024	0.01824		0 R7274
1	0	1	0.466	20270.4		0 R753
4	1	1	0.00868	6.88553		0 R7060
84	1	1	0.00068	0.07263		0 R9652
6	1	1	0.00207	0.0591		0 R6178
180	1	1	0.00036	0.02388		0 R7362
3	1	1	0.00868	6.88553		0 R2527
1	0	1	0.4225	927.5		0 R7308
10	1	1	0.01501	1.37785		0 R1347
1	1	1	0.01293	30.697		0 R4091
100	1	0	0.00054	2.7		0 R5516
50	1	1	0.00023	0.06583		0 R6536
4	1	1	0.00795	0.06583		0 R2764
1	0	1	0	0		1 R2487
1	0	1	13.6	45836.5		0 R9096
1	0	1	0.9	41.46		0 R8894
4	1	0	0.02	6.145		0 R295
58	1	0	0.00102	0.15		0 R9266
1	0	1	0.13	99.93		0 R9145
4	0	1	0.01524	5.62667		0 R6676
2	1	1	0.00637	7.5		0 R4083
2	1	1	0.00622	7.5		0 R6756
2	1	1	0.00622	7.5		0 R6772
2	1	1	0.01755	3.8		0 R1343
2	1	1	0.0104	3.1		0 R6387
4	1	0	0.00868	0.1		0 R7858
40	1	1	0.00081	0.03443		0 R4816
30	1	1	0.00081	0.03443		0 R5170
1	1	1	0.03	3835		0 R2508
1	1	1	0.7	737.4		0 R316
1	1	1	0.027	13.6		0 R733
2	1	1	0.00555	1.43451		0 R148
6	1	1	0.01056	1.3113		0 R8477
30	1	1	0.00132	0.06392		0 R419
1	0	1	18.2	29404.5		0 R2204
40	1	0	0.0005	16.39		0 R2408
6	1	0	0.0005	3.69		0 R5026
26	1	0	0.0005	16.39		0 R418
2	0	1	0.15	15.625		0 R485
1	1	1	0.00149	6.38284		0 R6348

Model_Output

7	1	1	0.00795	6.88553	0 R3621
10	1	1	0.00868	6.88553	0 R7204
1	0	1	0.2268	0.3327	0 R3007
3	1	1	0.00868	6.88553	0 R9428
1	0	1	0.2268	0.3327	0 R4053
1	1	0	0.1	8.194	0 R1947
1	1	0	0.01851	4.17	0 R1006
2	1	1	0.00223	24.16	0 R6021
4	1	1	0.00795	6.88553	0 R9276
60	1	1	0.00081	0.06392	0 R1200
1	0	0	0	0	1 R5902
150	1	1	0.00081	0.06392	0 R7896
20	1	0	0.0019	32.77	0 R7348
15	1	0	0.00035	81.94	0 R4854
2	1	1	0.01293	30.697	0 R711
6	1	1	0.00207	0.0591	0 R4430
30	1	1	0.0001	0.01962	0 R1169
60	1	1	0.00016	0.01685	0 R2783
50	1	1	0.00097	0.06187	0 R6312
6	1	0	0.00504	7.6	0 R7466
1	0	1	0.00504	7.6	0 R7185
1	0	1	0	0	1 R3303
1	0	1	0.00504	21.5	0 R6210
3	1	1	0.00132	0.06392	0 R3230
20	1	1	0.00037	0.80407	0 R3772
20	1	1	0.011	0.2761	0 R4346
5	0	1	0.09256	32.77	0 R186
57	1	0	0.00504	7.6	0 R6384
1	0	1	0	0	0 R2620
7	0	1	0.068	3613	0 R4878
2	1	1	0.00868	6.88553	0 R1784
30	1	1	0.00016	0.01685	0 R5431
1	0	1	0	0	1 R3375
54	1	1	0.00132	0.06392	0 R6624
36	1	1	0.00064	0.0483	0 R4059
70	1	1	0.00066	0.04702	0 R7666
2	1	1	0.094	7.62	0 R320
2	1	0	0.01851	4.17	0 R4286
0	1	1	0.00795	6.88553	0 R353
64	1	1	0.00019	0.16822	0 R474
32	1	0	0.00225	0.15	0 R3918
4	1	1	0.06638	12.4	0 R7705
1	0	1	0.09877	913.5	0 R8141
9	1	0	0.041322	411.41	0 R174
2	1	1	0.00868	6.88553	0 R4287
1	0	1	0.10329	0.371	0 R8335
1	0	1	0.1565	50	0 R3599
30	1	1	0.00069	0.04612	0 R9188
5	1	0	0.00244	1788.9	0 R6831
5	1	1	0.01595	5.05844	0 R3639
4	1	1	0.00868	6.88553	0 R6940
40	1	1	0.00016	0.01685	0 R2641

Model_Output

3	1	1	0.01123	3.20616	0 R1579
28	1	1	0.0001	0.01004	0 R7467
100	1	1	0.00016	0.01685	0 R703
2	1	1	0.02031	59.9595	0 R5861
6	1	0	0.00391	2.311	0 R7314
1	0	1	0.05711	32.77	0 R681
1	0	1	0.0149	98.32	0 R200
2	0	1	0.09256	86.03	0 R2619
6	1	0	0.00906	6.422	0 R4136
13	1	1	0.00795	6.88553	0 R6906
1	1	1	0.02793	106.806	0 R336
100	1	1	0.00195	3.96531	0 R9850
2	1	1	0.00868	6.88553	0 R2607
1	0	1	1.36	14.6	0 R9962
13	1	0	0.00158	0.7046	0 R8311
4	1	1	0.02	6.145	0 R3817
6	1	0	0.00158	0.7046	0 R957
6	1	0	0.00079	0.3523	0 R3460
25	1	1	0.00016	0.01684	0 R4218
17	1	0	0.014	3.1	0 R7400
1	0	1	0.1106	36.87	0 R178
1	1	1	0.02	4.17	0 R4137
1	0	1	0	0	1 R6650
1	0	1	0.14259	50	0 R5965
1	0	1	0.1106	153.6	0 R2587
1	0	1	0	0	1 R4248
2	0	1	0.03	50.22	0 R2104
48	1	1	0.00132	0.06392	0 R9219
20	1	1	0.00034	0.02992	0 R2681
80	1	1	0.00081	0.03443	0 R9522
1	1	1	0.01501	1.37785	0 R7405
6	1	1	0.00595	36	0 R2994
7	0	1	6.001	24286	1 R7143
1	0	1	0.52	671.93	0 R9975
3	1	1	0.005	36	0 R639
32	1	0	0.0023	12.29	0 R2686
1	1	1	0.01055	1.33114	0 R9883
100	1	1	0.00008	0.02045	0 R5039
30	1	1	0.00081	0.03443	0 R3704
6	1	1	0.00795	6.88553	0 R915
30	1	1	0.0002	0.0159	0 R2616
1	1	1	0.02239	1.833	0 R4872
1	0	1	0	0	1 R4322
1	0	1	0.000261	193.75	0 R6848
5	1	0	0.00504	16.39	0 R7471
20	1	1	0.00149	6.38284	0 R42
1	1	1	0.01617	1.49399	0 R7946
1	0	1	0.006	4.609	0 R386
5	1	1	0.00016	0.01685	0 R6993
2	1	1	1.02588	1452.61	0 R1998
1	1	1	0.11156	220.739	0 R3319
2	1	1	0.48929	750.839	0 R9195

Model_Output

1	0	1	0.1134	1336.36	0 R4857
5	1	1	0.0014	0.09832	0 R3731
1	0	1	0.0227	3	0 R8581
1	0	1	0.59553	2909.13	0 R6451
2	1	1	0.02428	1.76183	0 R2485
10	1	1	0.00175	6.68	0 R6433
30	1	1	0.00081	0.03443	0 R2250
6	0	1	0.59553	0.04	0 R1790
50	1	1	0.00081	0.03443	0 R9889
1	0	1	0.4912	4097	1 R8567
1	0	1	0.09256	32.77	0 R9647
4	1	0	0.15	16	0 R5651
5	1	0	0.03092	3.1	0 R6157
2	0	1	0.179	4205	0 R5146
1	1	0	0.00506	59.06	0 R9888
1	0	1	0.14317	345	0 R2175
2	1	0	0.08804	826.9	0 R2428
1	0	1	0.03758	682.5	0 R3527
180	1	1	0.00011	0.00695	0 R4665
56	1	1	0.00107	0.07507	0 R3391
3	1	0	0.01851	4.17	0 R2240
2	1	0	0.00434	0.05	0 R9824
16	1	0	0.00252	10.82	0 R5425
13	1	0	0.00504	118.8	0 R7979
10	1	1	0.00391	2.311	0 R3002
2	1	1	0.425	707.9	0 R8003
1	0	1	0.071	140.8	0 R5194
18	1	1	0.0019	32.77	0 R5597
20	1	0	0.00075	5.064	0 R8204
1	0	1	0.1	204.5	0 R4467
1	0	1	0.00603	5	0 R7223
1	1	1	0.01838	833.75	0 R5949
2	1	1	0.01293	30.697	0 R122
1	1	1	0.425	707.9	0 R3506
0	1	1	0.5	221.2	0 R3940
0	0	1	4.99	6332	0 R4625
1	1	1	0.026	819	0 R3779
3	1	1	0.01156	333.1	0 R4189
4	1	1	0.00868	6.88553	0 R7922
21	1	1	0.00081	0.03443	0 R8612
2	1	0	0.00704	1	0 R3533
1	0	1	5	11227.2	0 R409
1	0	1	0	0	1 R5133
26	1	0	0.026	9	0 R1878
20	1	1	0.00042	0.7219	0 R3100
12	1	1	0.00016	0.01685	0 R7741
200	1	1	0.00016	0.01685	0 R9137
1	1	1	0.0184	2.96211	0 R6335

Model_Output

mc_id	Best	Worst	r_id
MC6869		4	0 R1899
MC6869		0	4 R6341
MC6869		1	1 R7308
MC6869		0	1 R6756
MC6869		0	1 R7858
MC6869		0	1 R2204
MC6869		1	1 R4854
MC6869		0	25 R6384
MC6869		0	12 R4059
MC6869		0	2 R3918
MC6869		0	1 R7705
MC6869		0	1 R8141
MC6869		0	1 R174
MC6869		0	1 R6831
MC6869		0	1 R4136
MC6869		0	0.3 R6906
MC6869		0	3 R7400
MC6869		0	1 R7946
MC6869		0	1 R1998
MC6869		0	1 R6451
MC6869		1	1 R5146
MC6869		0	1 R9824
MC6869		0	1 R7223
MC7557		0	12 R6341
MC7557		1	90 R7362
MC7557		1	1 R9096
MC7557		0	1 R6676
MC7557		0	1 R7858
MC7557		0	1 R2204
MC7557		0	2 R6384
MC7557		0	1 R3918
MC7557		0	1 R4136
MC7557		0	1 R6906
MC7557		0	1 R3817
MC7557		1	3 R4218
MC7557		0	1 R7400
MC7557		1	1 R6848
MC7557		0	1 R6451
MC7557		1	1 R5146
MC7557		0	3 R9824
MC7557		0	1 R5425
MC7557		0	1 R7223
MC1899		0	12 R1899
MC1899		0	4 R7045
MC1899		2	2 R6384
MC1899		0	0.3 R9883
MC1899	0.013	0.013	R4872
MC1899		1	1 R5194
MC1899		1	1 R5597
MC7045		0	1 R6341
MC7045		0	1 R7060

Model_Output

MC7045	1	2 R418
MC7045	1	1 R7400
MC7045	2	12 R2681
MC7045	0	1 R6451
MC7045	56	56 R3391
MC7045	0	1 R9824
MC7045	1	2 R4189
MC9647	3	0 R9647
MC9647	4	6 R6341
MC9647	1	1 R7308
MC9647	1	0 R6676
MC9647	0	2 R6756
MC9647	0	1 R7858
MC9647	0	1 R2204
MC9647	1	1 R4854
MC9647	0.25	15 R711
MC9647	1	35 R6384
MC9647	0	0 R4059
MC9647	24	0 R7666
MC9647	0	1 R320
MC9647	0	1 R4286
MC9647	8	0 R474
MC9647	0	10 R3918
MC9647	0	1 R7705
MC9647	0	1 R8141
MC9647	0.5	2 R174
MC9647	0	0 R9188
MC9647	0	1 R6831
MC9647	0.07	0.1 R4136
MC9647	0	13 R6906
MC9647	3	15 R7400
MC9647	1	1 R7143
MC9647	6	8 R2686
MC9647	1	1 R6848
MC9647	0	1 R386
MC9647	0	79 R1998
MC9647	1	1 R6451
MC9647	0	2 R2485
MC9647	0	1 R7223
MC9647	0	4 R7922
MC9647	3	5 R3533
MC9647	0	1 R409
MC9647	2	0 R7741
MC772	0	0.5 R196
MC772	0	0.25 R1347
MC772	1	1 R6536
MC772	0	2 R6312
MC772	0	2 R7467
MC772	0	6 R5039
MC772	0	1 R42
MC772	1	1 R5146
MC772	0	4 R4665

Model_Output

MC1418	3	3 R7045
MC1418	0	1 R6341
MC1418	0	1 R6756
MC1418	0	1 R7858
MC1418	0	1 R2204
MC1418	0	1 R3918
MC1418	0	1 R8141
MC1418	0	1 R6831
MC1418	0	0.03 R4136
MC1418	0	1 R9195
MC1418	0	1 R7223
MC1418	0	1 R409
MC1756	1	2 R772
MC1756	1	1 R8613
MC1756	4	10 R6341
MC1756	0	1 R753
MC1756	1	1 R7308
MC1756	1	2 R2764
MC1756	1	1 R6676
MC1756	0	2 R6756
MC1756	0	1 R7858
MC1756	2	6 R419
MC1756	1	1 R2204
MC1756	0	1 R9276
MC1756	0	6 R6384
MC1756	1	4 R3918
MC1756	0	1 R8141
MC1756	0	1 R6831
MC1756	0	0.003 R4136
MC1756	1	2 R7400
MC1756	1	1 R6848
MC1756	0	1 R9195
MC1756	1	1 R6451
MC1756	0	1 R7223
MC196	1	1 R7557
MC196	2	8 R1899
MC196	0	12 R6341
MC196	0	3 R5516
MC196	0	1 R6676
MC196	0	1 R2204
MC196	0	12 R1200
MC196	0	8 R4059
MC196	4	0 R7666
MC196	0	1 R3918
MC196	0	0.1 R4136
MC196	0	1 R7400
MC196	0	1 R4857
MC196	0	1 R6451
MC8613	2	28 R703
MC8613	0	28 R9137
MC6341	3	25 R6341
MC6341	4	4 R7060

Model_Output

MC6341	0	1 R6772
MC6341	0	1 R7858
MC6341	1	1 R2204
MC6341	1	1 R4854
MC6341	2	2 R6384
MC6341	1	4 R3918
MC6341	0	1 R8141
MC6341	0	2 R4287
MC6341	0	1 R6831
MC6341	0	1 R4136
MC6341	0	4 R6906
MC6341	1	1 R7400
MC6341	0	6 R915
MC6341	0	1 R7946
MC6341	0	1 R1998
MC6341	0	2 R9195
MC6341	1	1 R6451
MC6341	0	4 R9824
MC6341	0	1 R5425
MC6341	0	1 R7223
MC7274	0	90 R7362
MC7274	1	1 R9096
MC7274	0	40 R2641
MC7274	0	1 R1579
MC753	8	2 R1899
MC753	0	6 R5170
MC753	2	8 R4059
MC753	4	0 R7666
MC753	3	0 R703
MC753	0	6 R2250
MC7060	1	1 R3303
MC7060	4	24 R7666
MC9652	0.5	1 R196
MC9652	1	1 R7348
MC9652	1	1 R5965
MC9652	1	1 R2587
MC6178	0	3 R6341
MC6178	0	1 R7308
MC6178	0	1 R6536
MC6178	0	1 R8894
MC6178	0	1 R4854
MC6178	0	1 R1784
MC6178	2	6 R703
MC6178	0	1 R6451
MC6178	0	2 R7922
MC7362	3	10 R9647
MC7362	0	6 R6341
MC7362	0	4 R7060
MC7362	24	0 R7362
MC7362	0	1 R7308
MC7362	0	2 R6756
MC7362	0	1 R7858

Model_Output

MC7362	1	1 R2204
MC7362	0	1 R4854
MC7362	0	25 R6384
MC7362	0	18 R4059
MC7362	0	0 R7666
MC7362	0	10 R3918
MC7362	0	1 R7705
MC7362	0	1 R8141
MC7362	0.5	2 R174
MC7362	0	1 R6831
MC7362	0.07	0.1 R4136
MC7362	0	1 R6906
MC7362	2	2 R7400
MC7362	6	8 R2686
MC7362	0	1 R6848
MC7362	0	1 R386
MC7362	0	2 R1998
MC7362	0	2 R9195
MC7362	0	1 R6451
MC7362	0.5	2 R2485
MC7362	0	6 R7979
MC7362	0	1 R7223
MC7362	0	5 R3533
MC2527	1	3 R1418
MC2527	5	5 R6341
MC2527	0	1 R2527
MC2527	1	1 R9096
MC2527	0	1 R6676
MC2527	1	0 R6756
MC2527	0	1 R6772
MC2527	1	1 R7858
MC2527	1	1 R2204
MC2527	1	1 R4854
MC2527	5	5 R4346
MC2527	6	1 R6384
MC2527	0	1 R320
MC2527	0	1 R4286
MC2527	1	1 R3918
MC2527	1	0 R7705
MC2527	1	1 R8141
MC2527	1	1 R6831
MC2527	0	1 R3639
MC2527	0	1 R7314
MC2527	0.03	1 R4136
MC2527	2	1 R7400
MC2527	1	1 R4248
MC2527	1	1 R6848
MC2527	1	2 R1998
MC2527	0	2 R9195
MC2527	1	1 R6451
MC2527	0	1 R5146
MC2527	0	1 R2240

Model_Output

MC2527	0	1 R9824
MC2527	0	1 R5425
MC2527	0	1 R8204
MC2527	1	1 R7223
MC2527	0	1 R409
MC7308	10	0 R1899
MC7308	0	1 R772
MC7308	4	10 R6341
MC7308	0	1 R753
MC7308	0	1 R2527
MC7308	1	0 R7308
MC7308	0	1 R9096
MC7308	0	1 R6676
MC7308	0	2 R4083
MC7308	0	2 R6772
MC7308	0	1 R7858
MC7308	0	1 R733
MC7308	0	1 R2204
MC7308	0	1 R4854
MC7308	0	5 R4346
MC7308	3	6 R6384
MC7308	0	18 R4059
MC7308	0	1 R320
MC7308	0	1 R4286
MC7308	2	3 R3918
MC7308	0	1 R8141
MC7308	0	1 R6831
MC7308	0	1 R3639
MC7308	0	1 R7314
MC7308	1	0.1 R4136
MC7308	0	0.33 R6906
MC7308	1	2 R7400
MC7308	1	1 R6848
MC7308	0	1 R9195
MC7308	0	1 R6451
MC7308	0	1 R5146
MC7308	0	1 R2240
MC7308	0	1 R9824
MC7308	0	1 R5425
MC7308	0	1 R8204
MC7308	0	1 R7223
MC1347	0	1 R753
MC1347	0	1 R2204
MC1347	0	1 R485
MC1347	0	3 R6384
MC1347	1	0 R3375
MC1347	0	1 R8335
MC1347	0	1 R3599
MC1347	0	1 R3639
MC1347	0	1 R681
MC1347	0	1 R7400
MC1347	0	1 R2686

Model_Output

MC1347	0	1 R6848
MC1347	0	1 R3731
MC1347	0	1 R8581
MC1347	0	1 R5146
MC1347	0	1 R2240
MC1347	0	1 R5949
MC4091	0	1 R4430
MC4091	2	3 R1169
MC4091	4	4 R9522
MC5516	0	20 R4816
MC5516	1	4 R4854
MC5516	6	9 R6624
MC5516	0	1 R6848
MC5516	0	1 R5146
MC6536	0	0 R772
MC6536	0	1 R196
MC6536	0	12 R6341
MC6536	1	0 R7308
MC6536	0	1 R2487
MC6536	0	1 R9096
MC6536	0	2 R6772
MC6536	0	1 R7858
MC6536	0	1 R2204
MC6536	1	1 R4854
MC6536	0	2 R6384
MC6536	0	1 R3918
MC6536	0	1 R7314
MC6536	0	0.06 R4136
MC6536	0	1 R7400
MC6536	0	1 R5965
MC6536	0	1 R2587
MC6536	1	1 R7143
MC6536	0	1 R6848
MC6536	0	1 R1998
MC6536	0	1 R6451
MC6536	1	1 R5146
MC6536	0	1 R2240
MC6536	0	3 R9824
MC6536	0	1 R5425
MC6536	0	1 R8204
MC6536	0	1 R7223
MC6536	1	0 R5133
MC2764	0	8 R1899
MC2764	0	1 R2204
MC2764	0	2 R418
MC2764	0	1 R3007
MC2764	0	1 R4053
MC2764	0	1 R1947
MC2764	0	4 R6384
MC2764	0	1 R2619
MC2764	0	1 R3002
MC2764	0	1 R8204

Model_Output

MC2487	0	6 R1899
MC2487	0	1 R2204
MC2487	0	1 R5026
MC2487	1	1 R7204
MC2487	0	1 R9428
MC2487	1	1 R1006
MC2487	0	2 R6384
MC2487	0	12 R4059
MC2487	1	1 R957
MC2487	1	1 R3460
MC2487	0	1 R4467
MC9096	0	4 R1899
MC9096	1	1 R3007
MC9096	3	3 R6384
MC9096	2	2 R7400
MC9096	1	1 R8003
MC8894	2	0 R1899
MC8894	0	30 R9652
MC8894	0	1 R2204
MC8894	0	1 R5026
MC8894	0	1 R7204
MC8894	0	1 R9428
MC8894	0	1 R1006
MC8894	0	2 R6384
MC8894	0	6 R4059
MC8894	0	8 R7666
MC8894	0	1 R957
MC8894	0	1 R3460
MC8894	0	1 R4467
MC295	0	4 R1899
MC295	3	3 R6384
MC295	0	4 R4059
MC295	1	1 R1878
MC9266	0	1 R8894
MC9266	0	28 R2783
MC9266	0	1 R4322
MC9266	28	84 R9137
MC9145	0	1 R6341
MC9145	0	1 R6756
MC9145	0	1 R7858
MC9145	1	2 R4854
MC9145	0	2 R6384
MC9145	0	16 R474
MC9145	0	1 R3918
MC9145	0	1 R7705
MC9145	0	1 R8141
MC9145	0	1 R6831
MC9145	0	0.03 R4136
MC9145	0	1 R7400
MC9145	2	12 R9219
MC9145	0	1 R386
MC9145	0	1 R1998

Model_Output

MC9145	0	1 R6451
MC9145	0	1 R7223
MC6676	2	2 R7274
MC6676	0	2 R9889
MC4083	1	1 R7557
MC4083	20	30 R1899
MC4083	0	4 R6341
MC4083	0	1 R7308
MC4083	0	1 R5516
MC4083	0	1 R6676
MC4083	0	1 R2204
MC4083	0	1 R3621
MC4083	8	20 R4059
MC4083	0	0 R7666
MC4083	0	0 R174
MC4083	0	1 R7400
MC4083	1	1 R4857
MC4083	0	1 R6451
MC6756	1	1 R7557
MC6756	2	8 R1899
MC6756	0	12 R6341
MC6756	0	3 R5516
MC6756	0	1 R6676
MC6756	0	1 R2204
MC6756	0	12 R1200
MC6756	0	8 R4059
MC6756	4	0 R7666
MC6756	0	1 R3918
MC6756	0	0.1 R4136
MC6756	0	1 R7400
MC6756	0	1 R4857
MC6756	0	1 R6451
MC6772	2	10 R1899
MC6772	0	1 R148
MC6772	0.2	0.4 R8477
MC6772	2	2 R418
MC6772	0.039	0.08 R6348
MC6772	0	2 R7466
MC6772	1	1 R3772
MC6772	2	2 R6384
MC6772	1	1 R200
MC6772	0.03	0.03 R4136
MC6772	1	1 R178
MC6772	1	1 R5965
MC6772	0.013	0.03 R4872
MC6772	1	1 R42
MC1343	0	6 R1899
MC1343	0.16	0.16 R8477
MC1343	0	0.0133 R6348
MC1343	0	2 R7466
MC1343	1	1 R3772
MC1343	0	0.03 R4136

Model_Output

MC1343	1	1 R178
MC1343	1	1 R5965
MC1343	0.013	0.013 R4872
MC1343	1	1 R42
MC1343	1	1 R8567
MC6387	0.16	0.3 R8477
MC6387	12	24 R4059
MC7858	0	0.3 R8477
MC7858	0	1 R3772
MC7858	0.3	0 R7405
MC7858	0	20 R8612
MC4816	0	12 R1899
MC4816	0	0.4 R8477
MC4816	2	2 R418
MC4816	2	2 R7466
MC4816	1	1 R7185
MC4816	1	0 R3772
MC4816	2	2 R6384
MC4816	0	12 R4059
MC4816	1	0 R200
MC4816	0.03	1 R4136
MC4816	1	1 R178
MC4816	1	1 R5965
MC4816	0.013	0.013 R4872
MC4816	1	1 R42
MC2508	12	20 R1899
MC2508	0	1 R6341
MC2508	0	1 R7308
MC2508	0	1 R6676
MC2508	0	1 R3621
MC2508	1	1 R6210
MC2508	4	6 R4059
MC2508	0.03	0 R4136
MC2508	0	1 R7400
MC2508	0	1 R6451
MC316	0	1 R4091
MC316	0	10 R5516
MC316	1	2 R6021
MC733	0	1 R6341
MC733	0	1 R6756
MC733	0	1 R7858
MC733	0	1 R2204
MC733	1	2 R4854
MC733	0	2 R6384
MC733	0	8 R474
MC733	0	1 R3918
MC733	0	1 R7705
MC733	0	1 R8141
MC733	0	1 R6831
MC733	0	0.03 R4136
MC733	0	8 R9850
MC733	0	1 R7400

Model_Output

MC733	4	12 R9219
MC733	0	7 R3704
MC733	0	2 R915
MC733	0	1 R386
MC733	0	1 R1998
MC733	0	1 R6451
MC733	0	14 R3391
MC733	0	1 R7223
MC733	1	0 R5133
MC148	4	0 R1899
MC148	0	2 R6341
MC148	0	1 R753
MC148	1	0 R7308
MC148	0	1 R4091
MC148	0	1 R9096
MC148	0	1 R9266
MC148	0	1 R9145
MC148	0	1 R6676
MC148	0	2 R6772
MC148	0	1 R7858
MC148	0	1 R2204
MC148	2	2 R7348
MC148	1	1 R4854
MC148	0	15 R6384
MC148	1	1 R2620
MC148	0	1 R320
MC148	0	1 R4286
MC148	0	1 R3918
MC148	0	1 R8141
MC148	0	1 R174
MC148	0	1 R3639
MC148	0	1 R7314
MC148	0	0.03 R4136
MC148	0	1 R7400
MC148	1	1 R178
MC148	1	1 R5965
MC148	1	1 R2587
MC148	0	2 R2686
MC148	0	1 R6848
MC148	0	1 R1998
MC148	0	1 R6451
MC148	0	1 R1790
MC148	0	1 R9647
MC148	0	1 R5651
MC148	0	1 R6157
MC148	0	1 R5425
MC148	0	1 R7223
MC148	0	1 R409
MC8477	0	10 R1899
MC419	2	24 R1899
MC419	0	1 R7308
MC419	0	1 R4854

Model_Output

MC2204	1	6 R6178
MC2204	1	1 R5902
MC2204	1	6 R1169
MC2204	1	1 R5133
MC2408	28	0 R1899
MC2408	1	1 R9145
MC2408	0	150 R7896
MC2408	0	30 R2783
MC2408	0	30 R4059
MC2408	0	35 R7666
MC2408	21	21 R8612
MC5026	1	1 R7557
MC5026	2	8 R1899
MC5026	0	12 R6341
MC5026	0	3 R5516
MC5026	0	1 R6676
MC5026	0	1 R2204
MC5026	0	12 R1200
MC5026	0	8 R4059
MC5026	4	0 R7666
MC5026	0	1 R3918
MC5026	0	0.1 R4136
MC5026	0	1 R7400
MC5026	0	1 R4857
MC5026	0	1 R6451
MC418	20	30 R1899
MC418	0	4 R6341
MC418	0	1 R7308
MC418	0	2 R5516
MC418	0	1 R6676
MC418	0	1 R3621
MC418	8	18 R4059
MC418	0	2 R7400
MC418	0	1 R6451
MC485	0	0 R772
MC485	5	10 R6341
MC485	1	1 R9096
MC485	1	0 R6756
MC485	0	1 R6772
MC485	1	1 R7858
MC485	1	1 R2204
MC485	1	1 R4854
MC485	5	5 R4346
MC485	6	6 R6384
MC485	1	3 R3918
MC485	1	0 R7705
MC485	1	1 R8141
MC485	1	1 R6831
MC485	0.03	1 R4136
MC485	1	2 R7400
MC485	1	1 R4248
MC485	1	1 R6848

Model_Output

MC485	1	1 R7471
MC485	1	1 R386
MC485	2	2 R1998
MC485	0	2 R9195
MC485	1	1 R6451
MC485	0	1 R5146
MC485	1	1 R2240
MC485	0	1 R9824
MC485	0	1 R5425
MC485	0	1 R8204
MC485	1	1 R7223
MC485	0	1 R409
MC6348	2	8 R9850
MC6348	2	10 R9219
MC6348	0	6 R3704
MC3621	0	30 R9266
MC3621	0	1 R6676
MC3621	0	2 R6756
MC3621	0	1 R7858
MC3621	0	1 R2204
MC3621	6	0 R418
MC3621	0	4 R3621
MC3621	0	3 R6384
MC3621	0	4 R4059
MC3621	4	0 R7666
MC3621	0	1 R3918
MC3621	0	1 R8141
MC3621	0	4 R4287
MC3621	0	1 R6831
MC3621	0	0.2 R4136
MC3621	1	2 R7400
MC3621	0	2 R915
MC3621	0	0 R2616
MC3621	0	2 R1998
MC3621	0	1 R6451
MC3621	0	1 R7223
MC3621	3	0 R4189
MC3621	1	0 R5133
MC3621	0	2 R7741
MC7204	1	1 R7557
MC7204	2	8 R1899
MC7204	0	12 R6341
MC7204	0	3 R5516
MC7204	0	1 R6676
MC7204	0	1 R2204
MC7204	0	12 R1200
MC7204	0	8 R4059
MC7204	4	0 R7666
MC7204	0	1 R3918
MC7204	0	0.1 R4136
MC7204	0	1 R7400
MC7204	0	1 R4857

Model_Output

MC7204	0	1 R6451
MC3007	2	2 R7274
MC3007	0	2 R9889
MC9428	20	30 R1899
MC9428	0	4 R6341
MC9428	0	1 R7308
MC9428	0	2 R5516
MC9428	0	1 R6676
MC9428	0	1 R3621
MC9428	8	18 R4059
MC9428	0	1 R7400
MC9428	0	1 R6451
MC4053	0	3 R6341
MC4053	0	2 R295
MC4053	0	1 R6676
MC4053	0	1 R2204
MC4053	0	1 R6384
MC4053	0	1 R3918
MC4053	0	0.03 R4136
MC4053	0	1 R2607
MC4053	0	1 R7400
MC4053	0	1 R6993
MC4053	0	1 R6451
MC4053	0	1 R9824
MC4053	0	1 R7223
MC4053	0	1 R409
MC1947	0	0.5 R3506
MC1947	0.25	0 R6335
MC1006	0.25	0.5 R196
MC1006	0	0.25 R1347
MC1006	4	24 R4665
MC6021	8	2 R1899
MC6021	0	8 R4059
MC6021	4	18 R7666
MC6021	0	1 R4857
MC6021	0	6 R2250
MC9276	1	5 R1418
MC9276	5	5 R6341
MC9276	1	3 R2527
MC9276	1	1 R9096
MC9276	1	1 R6756
MC9276	1	1 R7858
MC9276	1	1 R2204
MC9276	1	1 R4854
MC9276	5	5 R4346
MC9276	4	6 R6384
MC9276	1	1 R3918
MC9276	1	1 R7705
MC9276	1	1 R8141
MC9276	1	1 R6831
MC9276	0.03	0.03 R4136
MC9276	1	2 R7400

Model_Output

MC9276	1	1 R4248
MC9276	1	1 R6848
MC9276	1	1 R7471
MC9276	1	1 R386
MC9276	1	2 R1998
MC9276	0	2 R9195
MC9276	1	1 R6451
MC9276	1	1 R7223
MC9276	0	1 R409
MC1200	0.5	1 R196
MC1200	0	4 R9652
MC1200	0	1 R4091
MC1200	0	2 R9266
MC1200	0	1 R2204
MC1200	3	6 R2408
MC1200	0	1 R7348
MC1200	0	1 R186
MC1200	0	1 R336
MC1200	0	1 R9962
MC1200	0	1 R8311
MC1200	0	1 R7400
MC1200	0	1 R5965
MC1200	0	1 R2587
MC1200	0	1 R639
MC1200	0	1 R3319
MC1200	0	1 R6433
MC1200	0	1 R2240
MC5902	4	12 R1899
MC5902	1	2 R8477
MC5902	1	1 R186
MC5902	0	8 R4059
MC5902	1	1 R2994
MC7896	4	12 R1899
MC7896	30	30 R9652
MC7896	1	0 R7348
MC7896	1	1 R4854
MC7896	0	8 R4059
MC7896	1	1 R5965
MC7896	1	1 R2587
MC7896	12	24 R4665
MC7896	0	20 R3391
MC7348	0	6 R5170
MC7348	3	6 R7666
MC7348	0	21 R5039
MC4854	2	28 R1899
MC4854	0	30 R9652
MC4854	0	20 R4816
MC4854	1	1 R2104
MC4854	1	1 R8204
MC711	5	10 R6341
MC711	0	1 R9096
MC711	1	1 R295

Model_Output

MC711	1	2 R6676
MC711	0	2 R6772
MC711	0	1 R7858
MC711	0	1 R2204
MC711	10	10 R7896
MC711	0	5 R4346
MC711	1	7 R6384
MC711	2	3 R3918
MC711	0.1	3 R4136
MC711	1	1 R7400
MC711	0	1 R9195
MC711	1	1 R6451
MC711	0	1 R9824
MC711	0	1 R5425
MC711	1	1 R7223
MC711	1	2 R7922
MC4430	0	5 R1418
MC4430	2	5 R6341
MC4430	1	0 R753
MC4430	0	4 R7060
MC4430	1	1 R9096
MC4430	0	1 R6756
MC4430	0	1 R7858
MC4430	1	1 R2204
MC4430	1	1 R4854
MC4430	1	1 R4346
MC4430	0	6 R6384
MC4430	0	1 R3918
MC4430	0	1 R7705
MC4430	0	1 R8141
MC4430	28	28 R9188
MC4430	0	1 R6831
MC4430	0	0.03 R4136
MC4430	1	1 R7400
MC4430	0	1 R4248
MC4430	1	1 R6848
MC4430	1	1 R7471
MC4430	1	1 R7946
MC4430	0	1 R386
MC4430	0	2 R1998
MC4430	1	0 R3319
MC4430	1	1 R6451
MC4430	1	0 R9824
MC4430	0	1 R7223
MC4430	0	0 R409
MC4430	1	0 R5133
MC1169	1	1 R7557
MC1169	20	30 R1899
MC1169	0	4 R6341
MC1169	0	1 R7308
MC1169	0	1 R5516
MC1169	0	1 R6676

Model_Output

MC1169	0	1 R2204
MC1169	0	1 R3621
MC1169	8	20 R4059
MC1169	0	1 R7400
MC1169	1	1 R4857
MC1169	0	1 R6451
MC2783	1	1 R7557
MC2783	2	8 R1899
MC2783	0	12 R6341
MC2783	0	3 R5516
MC2783	0	1 R6676
MC2783	0	1 R2204
MC2783	0	12 R1200
MC2783	0	8 R4059
MC2783	4	0 R7666
MC2783	0	1 R3918
MC2783	0	0.1 R4136
MC2783	0	1 R7400
MC2783	0	1 R4857
MC2783	0	1 R6451
MC6312	0	8 R1899
MC6312	0.5	1 R196
MC6312	0	30 R9652
MC6312	0	4 R7362
MC6312	1	1 R4854
MC6312	6	2 R6312
MC6312	0	14 R9188
MC6312	8	4 R4665
MC7466	4	0 R1899
MC7466	0	1 R7308
MC7466	0	8 R9266
MC7466	0	1 R6676
MC7466	0	1 R2204
MC7466	0	1 R4854
MC7466	2	12 R6384
MC7466	0	8 R4059
MC7466	0	1 R174
MC7466	0	1 R6940
MC7466	1	1 R2619
MC7466	0.03	0.5 R4136
MC7466	2	2 R7400
MC7466	2	2 R2686
MC7466	0	1 R6848
MC7466	0	1 R6451
MC7466	0	1 R1790
MC7466	0	1 R9647
MC7466	0	1 R5651
MC7466	0	2 R6157
MC7466	2	12 R7979
MC7185	0	1 R6341
MC7185	1	1 R9145
MC7185	20	20 R4816

Model_Output

MC7185	1	1 R336
MC7185	0	1 R7400
MC7185	0	1 R7946
MC7185	0	1 R9824
MC7185	0	6 R3100
MC3303	4	4 R6536
MC3303	0	4 R7467
MC3303	0	2 R5861
MC3303	0	21 R5039
MC3303	0.1	1 R122
MC6210	0	0 R1418
MC6210	0	14 R6341
MC6210	0	1 R753
MC6210	1	0 R7308
MC6210	0	1 R9096
MC6210	0	2 R6772
MC6210	0	1 R7858
MC6210	0	1 R2204
MC6210	0	1 R485
MC6210	0	5 R4346
MC6210	0	6 R6384
MC6210	0	1 R320
MC6210	0	1 R4286
MC6210	0	4 R3918
MC6210	0	1 R6940
MC6210	0	1 R7314
MC6210	0	0.03 R4136
MC6210	0	2 R7400
MC6210	1	1 R7143
MC6210	1	1 R6848
MC6210	0	1 R9195
MC6210	0	1 R3731
MC6210	0	1 R8581
MC6210	0	1 R6451
MC6210	0	1 R5146
MC6210	0	1 R9888
MC6210	0	1 R2175
MC6210	0	1 R2428
MC6210	0	1 R3527
MC6210	0	1 R2240
MC6210	0	3 R9824
MC6210	0	1 R5425
MC6210	0	1 R8204
MC6210	0	1 R7223
MC6210	0	1 R5949
MC3230	0	1 R6676
MC3230	0.5	4 R915
MC3230	4	0 R2616
MC3230	0	4 R7741
MC3772	0	2 R6341
MC3772	1	1 R7362
MC3772	1	1 R9096

Model_Output

MC3772	0	1 R6756
MC3772	0	1 R7858
MC3772	1	1 R4854
MC3772	1	1 R4346
MC3772	1	1 R2620
MC3772	0	1 R3918
MC3772	0	1 R7705
MC3772	0	1 R8141
MC3772	0	1 R6831
MC3772	0	0.1 R4136
MC3772	0	1 R6650
MC3772	1	1 R5965
MC3772	1	1 R2587
MC3772	1	1 R4248
MC3772	1	1 R2104
MC3772	1	1 R9975
MC3772	1	1 R6848
MC3772	0	2 R1998
MC3772	0	2 R9195
MC3772	0	1 R7223
MC3772	0.4	0.4 R3940
MC3772	1	1 R4625
MC4346	1	2 R1418
MC4346	1	1 R1756
MC4346	0	12 R6341
MC4346	1	1 R753
MC4346	2	3 R2527
MC4346	1	1 R9096
MC4346	1	1 R6676
MC4346	0	2 R6772
MC4346	0	1 R7858
MC4346	1	1 R2204
MC4346	5	5 R4346
MC4346	0	2 R6384
MC4346	1	1 R320
MC4346	1	1 R4286
MC4346	0	1 R3918
MC4346	1	1 R7314
MC4346	0.1	0.1 R4136
MC4346	0	1 R7400
MC4346	1	1 R6848
MC4346	0	1 R9195
MC4346	0	1 R6451
MC4346	1	1 R5146
MC4346	0	1 R5425
MC4346	1	1 R8204
MC4346	0	1 R7223
MC4346	0	1 R409
MC186	2	0 R1899
MC186	0	1 R8613
MC186	0	7 R6341
MC186	0	1 R753

Model_Output

MC186	1	0 R7308
MC186	0	0.5 R6536
MC186	0	1 R9096
MC186	0	14 R9266
MC186	0	2 R6756
MC186	0	1 R6772
MC186	0	1 R7858
MC186	1	1 R2508
MC186	1	1 R316
MC186	0	2 R8477
MC186	1	0 R2204
MC186	0	1 R2204
MC186	0	2 R418
MC186	0	1 R6348
MC186	0	1 R9276
MC186	1	1 R4854
MC186	0	2 R7466
MC186	0	4 R3772
MC186	0	5 R4346
MC186	2	6 R6384
MC186	0	1 R4878
MC186	0	1 R3918
MC186	0	2 R7705
MC186	0	1 R8141
MC186	1	0 R174
MC186	0	1 R6831
MC186	0	1 R200
MC186	0	1 R2619
MC186	0.06	1 R4136
MC186	1	1 R7400
MC186	0	1 R178
MC186	0	1 R5965
MC186	0	1 R7143
MC186	1	0 R2686
MC186	0	1 R4872
MC186	1	1 R6848
MC186	0	1 R42
MC186	0	1 R9195
MC186	0	1 R6451
MC186	1	0 R2485
MC186	0	1 R8567
MC186	1	0 R5146
MC186	0	2 R2240
MC186	0	2 R9824
MC186	0	1 R5425
MC186	0	1 R8204
MC186	0	1 R7223
MC186	1	0 R3533
MC186	0	1 R409
MC186	0	1 R1878
MC6384	0	1 R1343
MC6384	1	1 R6387

Model_Output

MC6384	0	1 R418
MC6384	1	1 R7314
MC6384	0	1 R4136
MC6384	0	1 R8311
MC6384	1	1 R7400
MC6384	3	3 R2686
MC6384	0	1 R3319
MC6384	1	1 R6157
MC6384	0	14 R3391
MC6384	0	1 R2240
MC6384	0	1 R3779
MC6384	1	1 R4189
MC2620	1	1 R418
MC2620	1	1 R4854
MC2620	0	1.5 R9188
MC2620	1	1 R7400
MC2620	0	7 R2681
MC2620	14	14 R3391
MC2620	1	1 R4189
MC4878	1	3 R3230
MC1784	1	1 R7557
MC1784	20	30 R1899
MC1784	0	1 R6341
MC1784	0	1 R7308
MC1784	0	1 R5516
MC1784	0	1 R3621
MC1784	8	18 R4059
MC1784	0	2 R7400
MC1784	1	1 R4857
MC1784	0	1 R6451
MC5431	1	1 R7557
MC5431	2	8 R1899
MC5431	0	12 R6341
MC5431	0	3 R5516
MC5431	0	1 R6676
MC5431	0	1 R2204
MC5431	0	12 R1200
MC5431	0	8 R4059
MC5431	4	0 R7666
MC5431	0	1 R3918
MC5431	0	0.1 R4136
MC5431	0	1 R7400
MC5431	0	1 R4857
MC5431	0	1 R6451