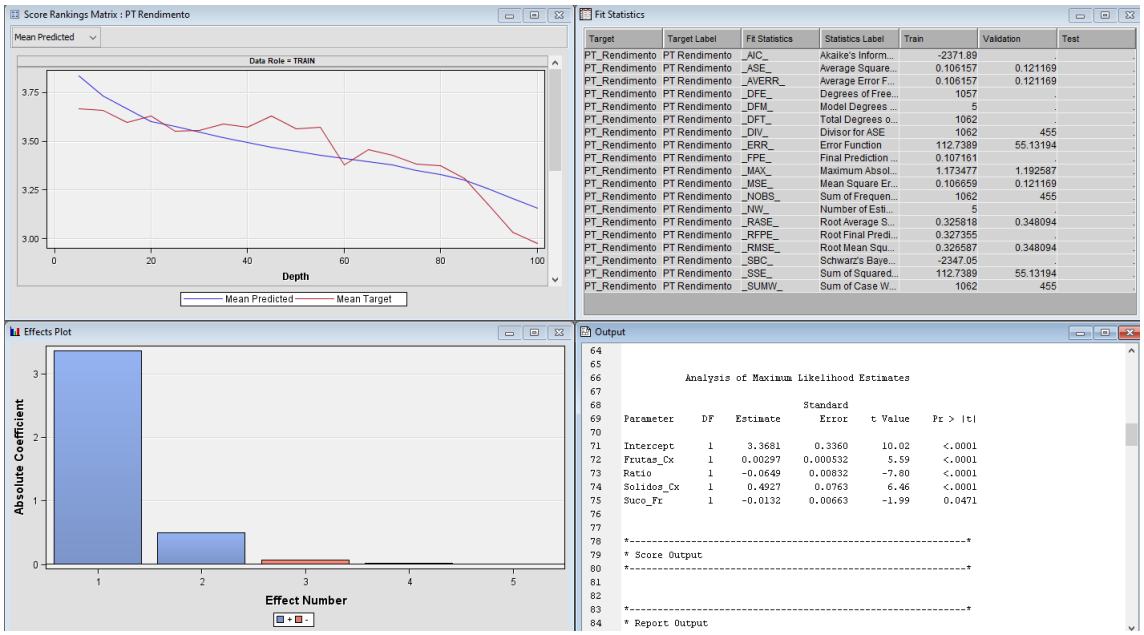
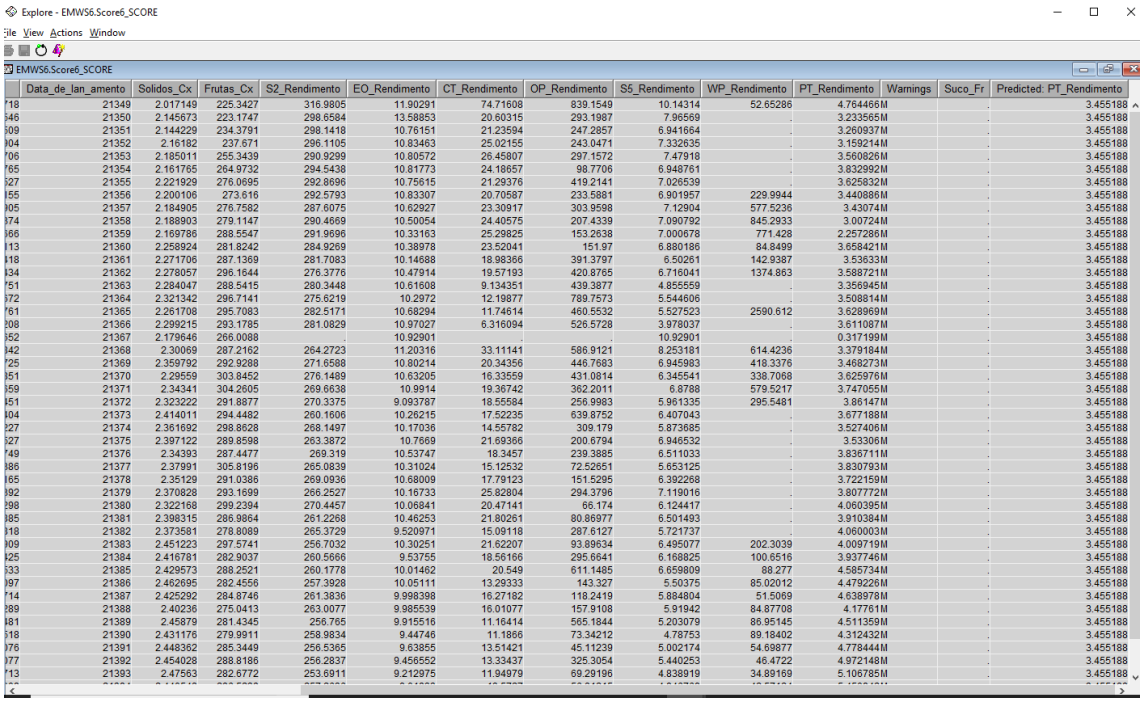
Results of Regression Model 1:

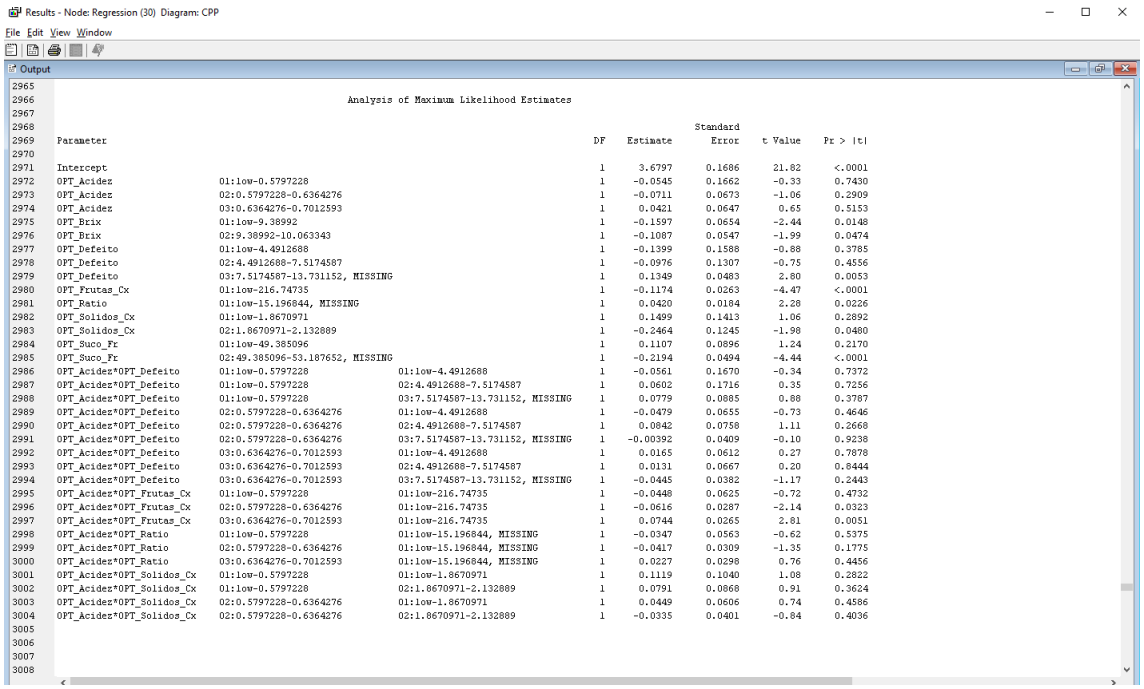


Predictions:



	Data_de_lan_amento	Solidos_Cx	Frutas_Cx	S2_Rendimento	EO_Rendimento	CT_Rendimento	OP_Rendimento	S5_Rendimento	WP_Rendimento	PT_Rendimento	Warnings	Suco_Fr	Predicted: PT_Rendimento
718	21349	2.017149	225.3427	316.9805	11.90291	74.71608	839.1549	10.14314	52.65286	4.764466M			3.455188
546	21350	2.145673	223.1747	298.6584	13.58853	20.60315	293.1987	7.96569		3.233565M			3.455188
509	21351	2.144229	234.3791	298.1418	10.76151	21.23594	247.2857	6.941664		3.260937M			3.455188
004	21352	2.16182	237.671	296.1105	10.83463	25.02155	243.0471	7.332635		3.159214M			3.455188
706	21353	2.185011	255.3439	290.9299	10.80572	26.45807	297.1572	7.47918		3.560826M			3.455188
765	21354	2.161765	264.9732	294.5438	10.81773	24.18657	98.7706	6.948761		3.832992M			3.455188
227	21355	2.221929	276.0695	292.8696	10.75615	21.29376	419.2141	7.026539		3.625832M			3.455188
155	21356	2.200106	273.616	292.5793	10.83307	20.70587	233.5881	6.901957	229.9944	3.440886M			3.455188
905	21357	2.184905	276.7582	287.6075	10.62927	23.30917	303.9598	7.12904	577.5236	3.43074M			3.455188
374	21358	2.188903	279.1147	290.4669	10.50054	24.40575	207.4339	7.090792	845.2933	3.00724M			3.455188
466	21359	2.169786	288.5547	291.9696	10.33163	25.29825	153.2638	7.000678	771.428	2.257286M			3.455188
113	21360	2.259924	281.8242	284.9269	10.38978	23.52041	151.97	6.880186	84.8499	3.658421M			3.455188
318	21361	2.271706	287.1369	281.7083	10.14688	18.98366	391.3797	6.50261	142.9387	3.53633M			3.455188
434	21362	2.278057	296.1644	276.3776	10.47914	19.57193	420.8765	6.716041	1374.863	3.588721M			3.455188
751	21363	2.284047	288.5415	280.3448	10.61608	9.134351	439.3877	4.855559		3.356945M			3.455188
372	21364	2.321342	296.7141	275.6219	10.2972	12.19877	789.7573	5.544606		3.508814M			3.455188
761	21365	2.261708	295.7083	282.5171	10.68294	11.74614	460.5532	5.527523	2590.612	3.628969M			3.455188
208	21366	2.299215	293.1785	281.0829	10.97027	6.316094	526.5728	3.978037		3.611087M			3.455188
652	21367	2.179646	266.0088		10.92901			10.92901		0.317199M			3.455188
942	21368	2.30069	287.2162	264.2723	11.20316	33.11141	586.9121	8.253181	614.4236	3.379184M			3.455188
725	21369	2.359792	292.9288	271.6588	10.80214	20.34356	446.7683	6.945983	418.3376	3.468273M			3.455188
951	21370	2.29559	303.8452	276.1489	10.63205	16.33559	431.0814	6.345541	338.7068	3.625976M			3.455188
559	21371	2.34341	304.2605	269.6638	10.9914	19.36742	362.2011	6.8788	579.5217	3.747055M			3.455188
451	21372	2.323222	291.8877	270.3375	9.093787	18.55584	256.9983	5.961335	295.5481	3.86147M			3.455188
404	21373	2.414011	294.4482	260.1606	10.26215	17.52235	639.8752	6.407043		3.677188M			3.455188
227	21374	2.361692	298.8628	268.1497	10.17036	14.55782	309.179	5.873685		3.527406M			3.455188
527	21375	2.397122	289.8598	263.3872	10.7669	21.69366	200.6794	6.946532		3.53306M			3.455188
749	21376	2.34393	287.4477	269.319	10.53747	18.3457	239.3885	6.511033		3.836711M			3.455188
886	21377	2.37991	305.8196	265.0839	10.31024	15.12532	72.52651	5.653125		3.830793M			3.455188
165	21378	2.35129	291.0386	269.0936	10.68009	17.79123	151.5295	6.392268		3.722159M			3.455188
992	21379	2.370828	293.1699	266.2527	10.16733	25.82804	294.3796	7.119016		3.807772M			3.455188
298	21380	2.322168	299.2394	270.4457	10.06841	20.47141	66.174	6.124417		4.060395M			3.455188
885	21381	2.398315	286.9864	261.2268	10.46253	21.80261	80.86977	6.501493		3.910384M			3.455188
918	21382	2.373581	278.8089	265.3729	9.520971	15.09118	287.6127	5.721737		4.060003M			3.455188
009	21383	2.451223	297.5741	256.7032	10.30251	21.62207	93.89634	6.495077	202.3039	4.009719M			3.455188
425	21384	2.416781	282.9037	260.5666	9.53755	18.56166	295.6641	6.168825	100.6516	3.937746M			3.455188
333	21385	2.429573	288.2521	260.1778	10.01462	20.549	611.1485	6.659809	88.277	4.585734M			3.455188
997	21386	2.462695	282.4556	257.3928	10.05111	13.29333	143.327	5.50375	85.02012	4.479226M			3.455188
714	21387	2.425292	284.8746	261.3836	9.998398	16.27182	118.2419	5.884804	51.5069	4.638978M			3.455188
389	21388	2.40236	275.0413	263.0077	9.985539	16.01077	157.9108	5.91942	84.87708	4.17761M			3.455188
481	21389	2.45879	281.4345	256.765	9.915516	11.16414	565.1844	5.203079	86.95145	4.511359M			3.455188
518	21390	2.431176	279.9911	258.9834	9.44746	11.1866	73.34212	4.78753	89.18402	4.312432M			3.455188
976	21391	2.448362	285.3449	256.5365	9.63855	13.51421	45.11239	5.002174	54.69877	4.778444M			3.455188
977	21392	2.454028	288.8186	256.2837	9.456552	13.33437	325.3054	5.440253	46.4722	4.972148M			3.455188
713	21393	2.47563	282.6772	253.6911	9.212975	11.94979	69.29196	4.838919	34.89169	5.106785M			3.455188

Results of the Model Regression when I use Transform Variables:



Results - Node: Regression (30) Diagram: CPP

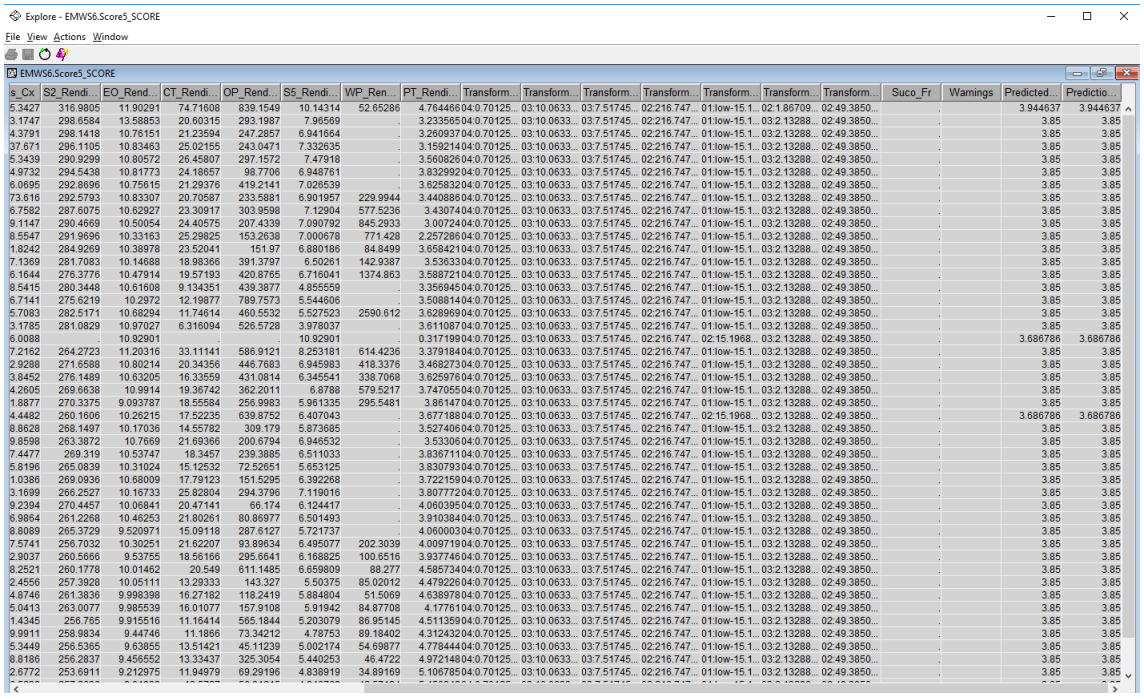
File Edit View Window

Output

Analysis of Maximum Likelihood Estimates

Parameter			DF	Estimate	Standard Error	t Value	Pr > |t|
Intercept			1	3.6797	0.1686	21.82	<.0001
OPT_Acidez	01:low-0.5797228		1	-0.0545	0.1662	-0.33	0.7430
OPT_Acidez	02:0.5797228-0.6364276		1	-0.0711	0.0673	-1.06	0.2909
OPT_Acidez	03:0.6364276-0.7012593		1	0.0421	0.0647	0.65	0.5153
OPT_Brix	01:low-9.38992		1	-0.1597	0.0654	-2.44	0.0148
OPT_Brix	02:9.38992-10.063343		1	-0.1087	0.0547	-1.99	0.0474
OPT_Defeito	01:low-4.4912688		1	-0.1399	0.1588	-0.88	0.3785
OPT_Defeito	02:4.4912688-7.5174587		1	-0.0976	0.1307	-0.75	0.4556
OPT_Defeito	03:7.5174587-13.731152, MISSING		1	0.1349	0.0483	2.80	0.0053
OPT_Frutas_Cx	01:low-216.74735		1	-0.1174	0.0263	-4.47	<.0001
OPT_Ratio	01:low-15.196844, MISSING		1	0.0420	0.0184	2.28	0.0226
OPT_Solidos_Cx	01:low-1.8670971		1	0.1499	0.1413	1.06	0.2892
OPT_Solidos_Cx	02:1.8670971-2.132889		1	-0.2464	0.1245	-1.98	0.0480
OPT_Suco_Fr	01:low-49.385096		1	0.1107	0.0896	1.24	0.2170
OPT_Suco_Fr	02:49.385096-53.187652, MISSING		1	-0.2194	0.0494	-4.44	<.0001
OPT_Acidez*OPT_Defeito	01:low-0.5797228	01:low-4.4912688	1	-0.0561	0.1670	-0.34	0.7372
OPT_Acidez*OPT_Defeito	01:low-0.5797228	02:4.4912688-7.5174587	1	0.0602	0.1716	0.35	0.7256
OPT_Acidez*OPT_Defeito	01:low-0.5797228	03:7.5174587-13.731152, MISSING	1	0.0779	0.0885	0.88	0.3787
OPT_Acidez*OPT_Defeito	02:0.5797228-0.6364276	01:low-4.4912688	1	-0.0479	0.0655	-0.73	0.4646
OPT_Acidez*OPT_Defeito	02:0.5797228-0.6364276	02:4.4912688-7.5174587	1	0.0842	0.0758	1.11	0.2668
OPT_Acidez*OPT_Defeito	02:0.5797228-0.6364276	03:7.5174587-13.731152, MISSING	1	-0.00392	0.0409	-0.10	0.9238
OPT_Acidez*OPT_Defeito	03:0.6364276-0.7012593	01:low-4.4912688	1	0.0165	0.0612	0.27	0.7878
OPT_Acidez*OPT_Defeito	03:0.6364276-0.7012593	02:4.4912688-7.5174587	1	0.0131	0.0667	0.20	0.8444
OPT_Acidez*OPT_Defeito	03:0.6364276-0.7012593	03:7.5174587-13.731152, MISSING	1	-0.0445	0.0382	-1.17	0.2443
OPT_Acidez*OPT_Frutas_Cx	01:low-0.5797228	01:low-216.74735	1	-0.0448	0.0625	-0.72	0.4732
OPT_Acidez*OPT_Frutas_Cx	02:0.5797228-0.6364276	01:low-216.74735	1	-0.0616	0.0287	-2.14	0.0323
OPT_Acidez*OPT_Frutas_Cx	03:0.6364276-0.7012593	01:low-216.74735	1	0.0744	0.0265	2.81	0.0051
OPT_Acidez*OPT_Ratio	01:low-0.5797228	01:low-15.196844, MISSING	1	-0.0347	0.0563	-0.62	0.5375
OPT_Acidez*OPT_Ratio	02:0.5797228-0.6364276	01:low-15.196844, MISSING	1	-0.0417	0.0309	-1.35	0.1775
OPT_Acidez*OPT_Ratio	03:0.6364276-0.7012593	01:low-15.196844, MISSING	1	0.0227	0.0298	0.76	0.4456
OPT_Acidez*OPT_Solidos_Cx	01:low-0.5797228	01:low-1.8670971	1	0.1119	0.1040	1.08	0.2822
OPT_Acidez*OPT_Solidos_Cx	01:low-0.5797228	02:1.8670971-2.132889	1	0.0791	0.0868	0.91	0.3624
OPT_Acidez*OPT_Solidos_Cx	02:0.5797228-0.6364276	01:low-1.8670971	1	0.0449	0.0606	0.74	0.4586
OPT_Acidez*OPT_Solidos_Cx	02:0.5797228-0.6364276	02:1.8670971-2.132889	1	-0.0335	0.0401	-0.84	0.4036

Predictions:



Explore - EMWS6.Score5_SCORE

File View Actions Window

EMWS6.Score5_SCORE

s_Cx	S2_Rendi...	EO_Rend...	CT_Rendi...	OP_Rend...	S5_Rendi...	WP_Ren...	PT_Rendi...	Transform...	Transform...	Transform...	Transform...	Transform...	Transform...	Transform...	Suco_Fr	Warnings	Predicted...	Predictio...
5.3427	316.9805	11.90291	74.71608	839.1549	10.14314	52.65286	4.76446604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	02:1.86709...	02:49.3850...			3.944637	3.944637
3.1747	298.6584	13.58853	20.60315	293.1987	7.96569		3.23356504	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
4.3791	298.1418	10.76151	21.23594	247.2857	6.941664		3.26093704	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
37.671	296.1105	10.83463	25.02155	243.0471	7.332635		3.15921404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
5.3439	290.9299	10.80572	26.45807	297.1572	7.47918		3.56082604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
4.9732	294.5438	10.81773	24.18657	98.7706	6.948761		3.83299204	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.0695	292.8696	10.75615	21.29376	419.2141	7.026539		3.62583204	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
73.616	292.5793	10.83307	20.70587	233.5891	6.901957	229.9944	3.44088604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.7582	287.6075	10.62927	23.30917	303.9598	7.12904	577.5236	3.4307404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
9.1147	290.4669	10.50054	24.40575	207.4339	7.090792	845.2933	3.0072404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
8.5547	291.9696	10.33163	25.29825	153.2638	7.000678	771.428	2.25728604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
1.8242	284.9269	10.38978	23.52041	151.97	6.880186	84.8499	3.65842104	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
7.1369	281.7083	10.14688	18.98366	391.3797	6.50261	142.9387	3.5363304	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.1644	276.3776	10.47914	19.57193	420.8765	6.716041	1374.863	3.58872104	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
8.5415	280.3448	10.61608	9.134351	439.3877	4.855559		3.35694504	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.7141	275.6219	10.2972	12.19877	789.7573	5.544606		3.50881404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
5.7083	282.5171	10.68294	11.74614	460.5532	5.527523	2590.612	3.62896904	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
3.1785	281.0829	10.97027	6.316094	526.5728	3.978037		3.61108704	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.0088		10.92901			10.92901		0.31719904	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	02:15.1968...	03:2.13288...	02:49.3850...			3.686786	3.686786
7.2162	264.2723	11.20316	33.11141	586.9121	8.253191	614.4236	3.37918404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
2.9288	271.6588	10.80214	20.34356	446.7683	6.945983	418.3376	3.46827304	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
3.8452	276.1489	10.63205	16.33559	431.0814	6.345541	338.7068	3.62597604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
4.2605	269.6638	10.9914	19.36742	362.2011	6.8788	579.5217	3.74705504	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
1.8877	270.3375	9.093787	18.55584	256.9983	5.961335	295.5481	3.8614704	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
4.4482	260.1606	10.26215	17.52235	639.8752	6.407043		3.67718804	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	02:15.1968...	03:2.13288...	02:49.3850...			3.686786	3.686786
8.8628	268.1497	10.17036	14.55782	309.179	5.873685		3.5274604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
9.8598	263.3872	10.7669	21.69366	200.6794	6.946532		3.5330604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
7.4477	269.319	10.53747	18.3457	239.3885	6.511033		3.83671104	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
5.8196	265.0839	10.31024	15.12532	72.52651	5.653125		3.83079304	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
1.0386	269.0936	10.68009	17.79123	151.5295	6.392268		3.72215904	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
3.1699	266.2527	10.16733	25.82804	294.3796	7.119016		3.80777204	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
9.2394	270.4457	10.06841	20.47141	66.174	6.124417		4.06039504	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
6.9864	261.2268	10.46253	21.80261	80.86977	6.501493		3.91038404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
8.8089	265.3729	9.520971	15.09118	287.6127	5.721737		4.06000304	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
7.5741	256.7032	10.30251	21.62207	93.89634	6.495077	202.3039	4.00971904	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
2.9037	260.5666	9.53755	18.56166	295.6641	6.168825	100.6516	3.93774604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
8.2521	260.1778	10.01462	20.549	611.1485	6.659809	88.277	4.58573404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
2.4556	257.3928	10.05111	13.29333	143.327	5.50375	85.02012	4.47922604	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
4.8746	261.3836	9.998398	16.27182	118.2419	5.884804	51.5069	4.63897804	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
5.0413	263.0077	9.985539	16.01077	157.9108	5.91942	84.87708	4.1776104	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
1.4345	256.765	9.915516	11.16414	565.1844	5.203079	86.95145	4.51135904	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
9.9911	258.9834	9.44746	11.1866	73.34212	4.78753	89.18402	4.31243204	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
5.3449	256.5365	9.63855	13.51421	45.11239	5.002174	54.69877	4.7784404	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
8.8186	256.2837	9.456552	13.33437	325.3054	5.440253	46.4722	4.97214804	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85
2.6772	253.6911	9.212975	11.94979	69.29196	4.838919	34.89169	5.10678504	0.70125...	03:10.0633...	03:7.51745...	02:216.747...	01:low-15.1...	03:2.13288...	02:49.3850...			3.85	3.85