

### Tableau de statistiques complet sur texte long

Le tableau qui suit contient l'intégralité des jeux de tests effectués sur un texte de 1500 caractères. Il nous a permis de déterminer les paramètres optimaux à appliquer à la fonction de hill climbing, et en particulier *NBITERGLOB* et *NBITERSTATIC*

TABLE 1 – BIGRAMS 1500

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
1000	500	17.25/26	131328.476	3.341
1000	750	14.85/26	130732.716	3.365
1500	500	22.2/26	132526.505	4.984
1500	750	21.95/26	132512.362	5.039
1500	1000	20.2/26	132234.253	5.041
1500	1250	17.95/26	131344.780	5.037
2000	500	19.9/26	131919.080	6.164
2000	750	21.25/26	132352.305	6.446
2000	1000	22.55/26	132776.331	6.716
2000	1250	22.0/26	132344.441	6.713
2000	1500	22.95/26	132824.401	6.716
2000	1750	19.55/26	131714.114	6.713
2500	500	21.15/26	132354.763	6.182
2500	750	22.25/26	132783.775	7.174
2500	1000	23.0/26	132668.646	8.039
2500	1250	23.4/26	132841.940	8.166
2500	1500	22.7/26	132749.636	8.337
2500	1750	23.3/26	132875.541	8.367
2500	2000	22.4/26	132472.746	8.397
2500	2250	21.45/26	132335.064	8.389
3000	500	19.6/26	132088.668	6.187
3000	750	21.75/26	132538.465	7.363
3000	1000	21.45/26	132417.509	8.273
3000	1250	22.4/26	132607.361	8.928
3000	1500	22.8/26	132660.815	9.673
3000	1750	22.75/26	132636.683	9.954
3000	2000	21.15/26	132325.584	10.033
3000	2250	24.65/26	133266.747	10.060
3000	2500	22.4/26	132671.621	10.055
3000	2750	20.65/26	132126.832	10.067
3500	500	22.6/26	132658.925	6.611
3500	750	21.55/26	132376.664	7.938
3500	1000	20.15/26	131910.336	9.278
3500	1250	25.1/26	133300.840	9.828

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
3500	1500	21.3/26	131900.988	10.294
3500	1750	22.95/26	132684.067	11.152
3500	2000	25.9/26	133616.306	11.165
3500	2250	20.8/26	132271.914	11.563
3500	2500	21.1/26	132313.100	11.729
3500	2750	23.35/26	132840.821	11.737
3500	3000	22.05/26	132510.463	11.732
3500	3250	24.05/26	132928.374	11.732
4000	500	19.5/26	131946.683	6.770
4000	750	23.4/26	132707.734	8.174
4000	1000	21.6/26	132419.426	8.682
4000	1250	24.2/26	133208.932	9.215
4000	1500	22.05/26	132585.970	10.465
4000	1750	22.8/26	132678.438	11.125
4000	2000	20.9/26	131927.784	12.218
4000	2250	21.5/26	132420.336	12.129
4000	2500	24.7/26	133167.713	12.979
4000	2750	20.25/26	131849.512	13.330
4000	3000	21.2/26	132262.097	13.410
4000	3250	23.55/26	132909.367	13.422
4000	3500	21.4/26	132314.937	13.420
4000	3750	24.05/26	133059.642	13.400
4500	500	20.65/26	132196.512	5.794
4500	750	23.7/26	132931.029	7.456
4500	1000	24.5/26	133120.530	8.422
4500	1250	19.9/26	131995.621	10.091
4500	1500	24.6/26	133279.965	10.705
4500	1750	24.5/26	133048.501	11.836
4500	2000	22.8/26	132418.334	12.413
4500	2250	22.0/26	132399.826	13.409
4500	2500	24.35/26	133162.651	14.107
4500	2750	23.1/26	132729.037	14.175
4500	3000	19.4/26	131972.553	14.444
4500	3250	23.4/26	132901.283	15.062

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
4500	3500	23.7/26	132725.808	15.068
4500	3750	20.95/26	132339.255	15.074
4500	4000	22.2/26	132682.101	15.093
5000	500	23.3/26	132840.649	6.288
5000	750	23.85/26	132991.091	7.976
5000	1000	22.75/26	132778.181	8.628
5000	1250	21.0/26	132279.256	9.884
5000	1500	22.8/26	132767.700	11.010
5000	1750	21.6/26	132533.617	11.009
5000	2000	23.75/26	132936.956	12.590
5000	2250	24.5/26	133103.568	13.293
5000	2500	23.0/26	132753.063	14.460
5000	2750	23.5/26	132900.714	14.291
5000	3000	26.0/26	133639.957	15.388
5000	3250	22.05/26	132500.009	15.875
5000	3500	23.55/26	132739.031	16.524
5000	3750	24.9/26	133355.754	16.541
5000	4000	23.5/26	132759.997	16.721
5500	500	21.85/26	132328.365	6.398
5500	750	23.0/26	132753.757	8.660
5500	1000	21.45/26	132445.336	9.159
5500	1250	21.55/26	132262.293	10.598
5500	1500	22.95/26	132856.601	10.755
5500	1750	24.6/26	133133.653	11.857
5500	2000	21.7/26	132372.312	12.318
5500	2250	23.3/26	132922.375	13.318
5500	2500	23.0/26	132639.741	14.541
5500	2750	24.3/26	132975.793	15.081
5500	3000	25.5/26	133459.833	16.222
5500	3250	23.65/26	132988.293	16.140
5500	3500	21.0/26	132388.866	16.646
5500	3750	23.75/26	133078.615	17.455
5500	4000	24.75/26	133220.516	18.126
6000	500	19.95/26	132012.450	6.791

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
6000	750	23.5/26	132966.058	8.583
6000	1000	24.75/26	133227.736	9.433
6000	1250	24.55/26	133180.663	10.377
6000	1500	25.4/26	133392.808	10.188
6000	1750	24.3/26	133159.829	11.636
6000	2000	23.7/26	132951.294	12.715
6000	2250	21.25/26	132327.877	14.233
6000	2500	25.65/26	133482.930	13.475
6000	2750	23.55/26	132874.791	15.000
6000	3000	23.1/26	132883.929	15.993
6000	3250	23.25/26	132792.665	16.579
6000	3500	21.7/26	132426.089	17.307
6000	3750	25.2/26	133324.888	18.083
6000	4000	21.8/26	132399.718	18.893
6500	500	21.1/26	132299.652	6.015
6500	750	22.65/26	132611.189	8.244
6500	1000	23.65/26	132905.430	9.718
6500	1250	23.9/26	132999.765	10.330
6500	1500	23.5/26	132915.334	10.363
6500	1750	22.5/26	132741.332	10.531
6500	2000	23.35/26	133009.762	13.093
6500	2250	23.65/26	132874.433	12.817
6500	2500	24.35/26	133144.493	14.110
6500	2750	18.75/26	131731.787	15.231
6500	3000	24.45/26	133068.335	16.312
6500	3250	23.1/26	132875.743	16.544
6500	3500	24.15/26	132977.012	17.193
6500	3750	23.25/26	132758.677	18.737
6500	4000	23.95/26	132966.443	19.260
7000	500	19.85/26	131968.642	6.631
7000	750	20.8/26	132245.222	7.353
7000	1000	24.9/26	133283.122	8.722
7000	1250	21.6/26	132352.433	10.526
7000	1500	23.2/26	132742.393	11.451

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
7000	1750	22.25/26	132652.913	11.673
7000	2000	22.2/26	132528.554	12.980
7000	2250	21.1/26	132159.902	12.762
7000	2500	22.15/26	132476.836	13.983
7000	2750	24.15/26	133093.183	15.329
7000	3000	25.15/26	133302.686	16.248
7000	3250	23.15/26	132893.329	17.145
7000	3500	21.85/26	132484.933	17.890
7000	3750	22.55/26	132594.744	18.943
7000	4000	23.05/26	132768.483	19.246
7500	500	20.65/26	132085.146	6.385
7500	750	22.8/26	132635.428	8.864
7500	1000	24.05/26	133081.095	9.493
7500	1250	24.75/26	133166.217	9.594
7500	1500	23.6/26	132730.696	10.432
7500	1750	22.7/26	132588.478	11.866
7500	2000	24.2/26	133150.237	12.862
7500	2250	24.0/26	133051.330	12.655
7500	2500	21.7/26	132276.942	14.344
7500	2750	22.1/26	132548.001	15.411
7500	3000	22.25/26	132449.244	16.108
7500	3250	23.75/26	133018.963	16.630
7500	3500	24.15/26	133042.010	17.953
7500	3750	22.85/26	132774.042	19.253
7500	4000	23.4/26	132776.821	18.847
8000	500	20.3/26	132150.455	6.425
8000	750	19.95/26	131986.868	7.824
8000	1000	23.65/26	132917.572	10.439
8000	1250	25.2/26	133418.534	10.107
8000	1500	21.05/26	132305.215	9.957
8000	1750	20.55/26	131936.913	11.973
8000	2000	23.3/26	132982.699	13.353
8000	2250	23.35/26	132892.921	13.509
8000	2500	22.7/26	132635.923	14.128

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
8000	2750	23.75/26	132755.973	15.424
8000	3000	22.95/26	132803.155	16.604
8000	3250	23.2/26	132818.945	16.655
8000	3500	22.55/26	132478.537	18.208
8000	3750	22.55/26	132643.986	18.147
8000	4000	23.8/26	132975.342	19.799
8500	500	21.4/26	132244.017	6.702
8500	750	19.85/26	131915.730	7.162
8500	1000	23.8/26	133055.875	9.224
8500	1250	23.65/26	133006.910	10.295
8500	1500	23.4/26	132843.482	11.112
8500	1750	23.85/26	133055.490	11.451
8500	2000	23.25/26	132669.621	11.917
8500	2250	22.15/26	132554.546	13.339
8500	2500	23.9/26	133057.579	14.198
8500	2750	19.9/26	131999.519	13.790
8500	3000	25.45/26	133452.461	15.748
8500	3250	25.4/26	133392.808	17.284
8500	3500	23.35/26	132852.700	17.282
8500	3750	20.95/26	132303.007	18.105
8500	4000	23.85/26	132842.576	19.480
9000	500	22.85/26	132649.454	6.361
9000	750	21.65/26	132427.866	8.962
9000	1000	21.85/26	132302.633	8.885
9000	1250	25.1/26	133278.669	10.007
9000	1500	25.15/26	133448.033	10.768
9000	1750	21.1/26	132393.154	12.633
9000	2000	20.85/26	132248.249	12.814
9000	2250	25.4/26	133392.808	13.442
9000	2500	23.15/26	132825.161	15.664
9000	2750	24.7/26	133174.060	14.634
9000	3000	26.0/26	133639.957	15.496
9000	3250	21.8/26	132558.129	16.317
9000	3500	23.8/26	132928.184	17.635

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
9000	3750	23.4/26	132944.657	18.470
9000	4000	25.6/26	133483.762	19.384
9500	500	21.6/26	132250.740	7.108
9500	750	23.75/26	132993.389	7.516
9500	1000	22.9/26	132647.623	8.836
9500	1250	21.35/26	132170.445	10.527
9500	1500	21.05/26	132297.767	9.867
9500	1750	23.6/26	132922.239	11.882
9500	2000	23.7/26	132978.391	12.790
9500	2250	22.0/26	132656.410	13.738
9500	2500	23.5/26	132848.043	15.038
9500	2750	21.95/26	132314.722	14.936
9500	3000	21.1/26	132315.839	15.623
9500	3250	22.6/26	132526.116	17.229
9500	3500	24.35/26	132979.749	18.196
9500	3750	19.55/26	131603.041	19.298
9500	4000	22.65/26	132684.097	18.389
10000	500	23.25/26	132922.949	7.084
10000	750	22.9/26	132622.412	7.996
10000	1000	24.05/26	133086.249	9.625
10000	1250	22.0/26	132527.808	9.486
10000	1500	24.5/26	133055.707	11.107
10000	1750	20.9/26	132195.660	12.622
10000	2000	19.55/26	131807.618	12.297
10000	2250	24.95/26	133435.996	13.317
10000	2500	23.85/26	132988.719	14.238
10000	2750	23.7/26	132874.612	15.468
10000	3000	24.05/26	133014.798	15.863
10000	3250	23.45/26	132768.719	16.614
10000	3500	21.75/26	132297.325	16.996
10000	3750	20.9/26	132230.028	17.679
10000	4000	21.8/26	132452.465	18.191

TABLE 2 – TRIGRAMMES 1500

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
1000	500	17.0/26	108398.294	3.537
1000	750	15.3/26	106518.208	3.539
1500	500	22.65/26	112501.219	5.136
1500	750	21.95/26	112253.966	5.283
1500	1000	19.8/26	109875.388	5.295
1500	1250	20.35/26	111173.729	5.293
2000	500	22.3/26	113037.485	6.182
2000	750	24.7/26	114374.509	6.855
2000	1000	24.7/26	114361.450	6.992
2000	1250	24.85/26	114776.080	7.016
2000	1500	23.6/26	113710.663	7.042
2000	1750	24.0/26	113874.046	7.035
2500	500	20.25/26	111304.934	6.542
2500	750	23.75/26	114149.732	7.615
2500	1000	20.95/26	111787.704	8.578
2500	1250	21.5/26	112687.889	8.606
2500	1500	23.4/26	113239.667	8.697
2500	1750	22.65/26	113177.550	8.771
2500	2000	22.95/26	113349.832	8.799
2500	2250	23.55/26	113989.197	8.791
3000	500	21.7/26	112711.570	6.029
3000	750	22.65/26	113131.391	8.121
3000	1000	21.35/26	112503.691	9.223
3000	1250	23.7/26	114083.597	9.599
3000	1500	21.95/26	112381.466	9.599
3000	1750	21.4/26	112485.497	10.273
3000	2000	22.85/26	113462.215	10.543
3000	2250	23.6/26	113836.322	10.541
3000	2500	25.65/26	115274.071	10.528
3000	2750	19.4/26	110982.062	10.548
3500	500	22.85/26	113562.665	6.316
3500	750	24.7/26	114824.535	7.532
3500	1000	21.95/26	112629.644	9.224
3500	1250	22.5/26	113239.373	10.057



Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
3500	1500	21.75/26	112650.942	10.091
3500	1750	21.4/26	112492.283	11.322
3500	2000	22.85/26	113301.518	11.371
3500	2250	23.45/26	113908.860	12.184
3500	2500	20.95/26	111797.989	12.222
3500	2750	22.6/26	113287.176	12.258
3500	3000	24.9/26	114845.925	12.281
3500	3250	19.65/26	110780.436	12.310
4000	500	21.65/26	112755.066	6.278
4000	750	22.3/26	113181.710	8.297
4000	1000	20.25/26	111500.756	9.110
4000	1250	24.25/26	114336.447	9.384
4000	1500	22.1/26	112767.653	10.817
4000	1750	20.9/26	111863.912	11.888
4000	2000	22.45/26	113266.306	12.102
4000	2250	21.8/26	112411.283	13.014
4000	2500	22.7/26	113221.680	13.356
4000	2750	23.75/26	114112.260	13.814
4000	3000	24.85/26	114835.706	14.016
4000	3250	21.55/26	112471.630	14.041
4000	3500	24.8/26	114895.254	14.016
4000	3750	22.75/26	113271.602	14.049
4500	500	24.65/26	114261.730	8.018
4500	750	21.85/26	112586.605	7.701
4500	1000	24.8/26	114902.984	8.851
4500	1250	23.1/26	113481.435	10.450
4500	1500	22.8/26	113296.710	11.153
4500	1750	19.0/26	110519.879	12.226
4500	2000	19.2/26	110722.238	12.654
4500	2250	20.75/26	111639.496	13.728
4500	2500	22.5/26	113235.470	14.104
4500	2750	24.9/26	114883.472	14.558
4500	3000	24.25/26	114329.080	15.270
4500	3250	22.05/26	112626.367	15.689

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
4500	3500	21.8/26	112597.055	15.793
4500	3750	23.9/26	114137.895	15.783
4500	4000	22.0/26	112724.083	15.816
5000	500	22.4/26	113300.700	6.819
5000	750	25.25/26	114882.292	9.039
5000	1000	22.45/26	113182.571	9.344
5000	1250	24.7/26	114726.016	10.027
5000	1500	23.55/26	113957.008	10.756
5000	1750	22.7/26	113201.807	12.296
5000	2000	23.8/26	114101.674	12.779
5000	2250	24.9/26	114866.893	12.885
5000	2500	22.1/26	112630.892	14.286
5000	2750	22.75/26	113386.633	15.315
5000	3000	23.65/26	114050.777	16.195
5000	3250	20.15/26	111218.602	16.931
5000	3500	21.55/26	112517.657	17.075
5000	3750	20.45/26	111651.770	17.245
5000	4000	24.0/26	114171.043	17.534
5500	500	19.3/26	110423.941	7.054
5500	750	22.1/26	112649.734	8.126
5500	1000	22.6/26	113318.718	8.923
5500	1250	23.75/26	114045.174	10.295
5500	1500	22.35/26	113264.196	10.734
5500	1750	23.85/26	114230.493	11.742
5500	2000	23.1/26	113250.546	12.373
5500	2250	18.15/26	109895.372	13.350
5500	2500	22.55/26	112882.518	14.728
5500	2750	23.9/26	114116.848	15.372
5500	3000	25.45/26	115125.927	15.965
5500	3250	22.7/26	113443.111	16.944
5500	3500	23.65/26	114096.177	17.884
5500	3750	23.95/26	114146.652	18.422
5500	4000	19.45/26	110800.967	18.849
6000	500	22.4/26	112943.563	7.821

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
6000	750	24.3/26	114300.160	8.224
6000	1000	21.5/26	112384.029	8.759
6000	1250	22.5/26	113334.322	9.831
6000	1500	20.65/26	111868.487	11.038
6000	1750	23.75/26	114175.907	11.889
6000	2000	18.85/26	110317.151	13.554
6000	2250	23.85/26	114093.638	13.844
6000	2500	23.8/26	114106.007	14.067
6000	2750	23.9/26	114092.687	16.332
6000	3000	24.0/26	114099.985	16.967
6000	3250	23.85/26	114091.125	16.899
6000	3500	22.8/26	113377.250	17.575
6000	3750	22.05/26	112700.996	19.264
6000	4000	19.45/26	110536.261	19.779
6500	500	25.7/26	115547.727	6.747
6500	750	20.35/26	111406.089	8.441
6500	1000	23.6/26	114041.246	9.060
6500	1250	23.6/26	114107.419	10.499
6500	1500	24.8/26	114923.019	10.708
6500	1750	22.45/26	113290.439	11.459
6500	2000	23.7/26	114133.835	11.824
6500	2250	20.45/26	111602.683	13.569
6500	2500	20.55/26	111667.665	14.597
6500	2750	24.85/26	114923.441	15.275
6500	3000	22.65/26	113249.836	16.420
6500	3250	20.2/26	111686.713	17.269
6500	3500	22.0/26	112574.749	17.684
6500	3750	24.75/26	114410.211	19.444
6500	4000	20.7/26	111848.199	19.855
7000	500	21.35/26	112321.269	6.774
7000	750	22.3/26	113040.654	8.511
7000	1000	22.7/26	113232.094	9.084
7000	1250	22.6/26	113289.163	9.896
7000	1500	24.8/26	114904.337	10.579

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
7000	1750	23.9/26	114136.613	11.097
7000	2000	23.65/26	114050.667	12.233
7000	2250	24.8/26	114880.958	13.877
7000	2500	25.9/26	115607.459	14.349
7000	2750	22.5/26	113308.882	15.788
7000	3000	23.15/26	113597.798	16.196
7000	3250	23.3/26	113523.049	17.381
7000	3500	20.0/26	111003.283	18.143
7000	3750	23.7/26	114100.873	18.424
7000	4000	23.55/26	113607.776	20.539
7500	500	24.05/26	114320.316	6.711
7500	750	24.3/26	114262.740	8.379
7500	1000	20.55/26	111623.790	9.716
7500	1250	22.8/26	113360.552	10.392
7500	1500	21.15/26	112485.774	10.514
7500	1750	21.35/26	112550.037	12.094
7500	2000	24.65/26	114809.369	12.530
7500	2250	23.55/26	113605.547	13.474
7500	2500	21.65/26	112392.232	15.257
7500	2750	23.7/26	114103.548	15.837
7500	3000	21.15/26	111942.874	17.369
7500	3250	23.3/26	113641.755	17.773
7500	3500	21.7/26	112471.354	18.743
7500	3750	23.8/26	114078.590	19.234
7500	4000	20.6/26	111597.097	20.212
8000	500	21.5/26	112189.271	6.910
8000	750	24.55/26	114421.175	7.901
8000	1000	21.4/26	112245.462	8.743
8000	1250	24.9/26	114859.097	10.076
8000	1500	21.35/26	112348.057	10.000
8000	1750	21.55/26	112368.790	11.806
8000	2000	20.9/26	111818.861	13.328
8000	2250	22.65/26	113310.279	14.074
8000	2500	23.85/26	114105.358	14.755

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
<b>8000</b>	<b>2750</b>	<b>26.0/26</b>	<b>115724.936</b>	<b>16.058</b>
8000	3000	24.8/26	114929.687	16.560
8000	3250	22.75/26	113206.749	17.108
8000	3500	24.5/26	114351.949	17.710
<b>8000</b>	<b>3750</b>	<b>26.0/26</b>	<b>115724.936</b>	<b>18.356</b>
8000	4000	20.0/26	111500.437	19.842
8500	500	21.7/26	112498.399	6.264
8500	750	20.65/26	111542.715	7.926
8500	1000	22.4/26	113233.897	9.474
8500	1250	20.55/26	111623.495	10.735
8500	1500	20.85/26	111928.764	10.985
<b>8500</b>	<b>1750</b>	<b>25.05/26</b>	<b>114909.573</b>	<b>11.438</b>
8500	2000	22.7/26	113220.608	12.575
8500	2250	19.25/26	110792.424	13.824
8500	2500	22.75/26	113282.284	15.066
<b>8500</b>	<b>2750</b>	<b>25.4/26</b>	<b>115129.601</b>	<b>15.922</b>
8500	3000	24.75/26	114873.000	16.385
8500	3250	22.35/26	112752.698	17.517
8500	3500	22.6/26	113281.752	18.529
8500	3750	22.7/26	113326.547	19.256
8500	4000	20.3/26	111481.347	19.812
9000	500	23.1/26	113303.141	7.397
9000	750	24.45/26	114350.001	7.471
9000	1000	22.45/26	113294.225	9.250
9000	1250	24.6/26	114386.287	10.019
9000	1500	23.65/26	114125.016	10.867
9000	1750	24.85/26	114924.414	11.936
9000	2000	23.7/26	114129.603	12.604
9000	2250	22.7/26	113436.155	13.833
9000	2500	22.45/26	113262.224	15.150
9000	2750	23.3/26	113517.477	15.228
9000	3000	23.85/26	114095.945	16.649
9000	3250	21.65/26	112397.577	17.430
9000	3500	23.65/26	114089.212	18.634

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
9000	3750	23.2/26	113315.621	19.446
9000	4000	22.65/26	113271.590	20.502
9500	500	21.45/26	112424.747	7.836
9500	750	19.7/26	110986.099	9.084
9500	1000	24.85/26	114923.441	8.917
9500	1250	23.1/26	113082.786	10.921
9500	1500	22.55/26	113207.784	10.791
9500	1750	19.85/26	111208.782	12.217
9500	2000	23.7/26	114075.307	12.525
9500	2250	23.8/26	114066.475	13.686
9500	2500	21.9/26	112553.576	13.937
9500	2750	23.55/26	114082.855	15.762
9500	3000	17.9/26	109617.549	16.743
9500	3250	23.65/26	114072.638	17.620
9500	3500	25.5/26	115144.665	17.931
9500	3750	20.65/26	111785.782	19.429
9500	4000	24.9/26	114926.432	19.728
10000	500	25.9/26	115539.106	7.052
10000	750	19.2/26	110820.298	8.007
10000	1000	22.45/26	113248.197	9.776
10000	1250	23.55/26	113975.235	10.256
10000	1500	22.65/26	113135.182	11.212
10000	1750	24.75/26	114638.554	12.600
10000	2000	24.9/26	114901.210	12.667
10000	2250	23.65/26	114094.072	13.797
10000	2500	22.95/26	113415.097	14.513
10000	2750	25.05/26	114948.405	15.896
10000	3000	20.25/26	111697.731	16.695
10000	3250	22.5/26	113250.306	16.123
10000	3500	24.8/26	114886.000	18.142
10000	3750	19.35/26	110832.875	19.233
10000	4000	21.5/26	112548.021	20.026

TABLE 3 – TETRAGRAMMES

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
1000	500	17.5/26	85941.496	3.659
1000	750	13.75/26	79164.609	3.667
1500	500	20.3/26	88545.304	5.442
1500	750	19.75/26	89963.994	5.482
1500	1000	18.25/26	87768.331	5.484
1500	1250	20.65/26	90665.767	5.483
2000	500	19.5/26	89585.413	6.580
2000	750	24.05/26	96430.937	6.870
2000	1000	20.95/26	92361.327	7.207
2000	1250	16.0/26	85650.030	7.283
2000	1500	22.8/26	95484.352	7.209
2000	1750	23.2/26	95652.827	7.201
2500	500	20.55/26	91296.633	6.190
2500	750	17.75/26	88412.570	7.074
2500	1000	21.95/26	93406.911	8.353
2500	1250	19.3/26	90463.070	8.880
2500	1500	20.15/26	91448.636	8.898
2500	1750	19.85/26	91760.043	8.996
2500	2000	22.4/26	94909.835	8.994
2500	2250	21.55/26	93636.299	8.991
3000	500	21.05/26	92855.570	6.982
3000	750	20.25/26	91566.429	7.715
3000	1000	19.0/26	90453.033	9.017
3000	1250	21.35/26	93619.876	9.652
3000	1500	18.75/26	90074.346	10.188
3000	1750	22.3/26	94792.721	10.707
3000	2000	21.25/26	92609.405	10.752
3000	2250	21.45/26	93734.127	10.777
3000	2500	21.45/26	93651.289	10.793
3000	2750	21.3/26	93804.999	10.785
3500	500	23.25/26	95955.489	6.565
3500	750	24.3/26	97170.754	7.374
3500	1000	19.7/26	90948.615	9.267
3500	1250	18.95/26	90531.533	9.932

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
3500	1500	23.8/26	96853.294	10.663
3500	1750	21.35/26	93717.720	11.457
3500	2000	23.65/26	95907.934	11.972
3500	2250	24.65/26	97953.650	12.395
3500	2500	19.55/26	90684.182	12.603
3500	2750	21.45/26	93735.735	12.597
3500	3000	22.6/26	95251.827	12.589
3500	3250	22.5/26	95319.912	12.583
4000	500	15.85/26	85788.718	7.593
4000	750	20.15/26	91610.915	7.777
4000	1000	23.45/26	96134.212	8.980
4000	1250	23.25/26	95467.288	9.822
4000	1500	22.35/26	95064.163	11.183
4000	1750	20.25/26	92076.564	12.142
4000	2000	21.35/26	93662.860	12.817
4000	2250	20.75/26	92562.332	13.666
4000	2500	20.35/26	92181.501	13.994
4000	2750	21.9/26	93528.963	14.269
4000	3000	23.65/26	96875.083	14.317
4000	3250	24.85/26	98445.002	14.349
4000	3500	23.85/26	95833.176	14.367
4000	3750	19.15/26	90517.651	14.381
4500	500	21.15/26	93031.816	6.843
4500	750	21.4/26	93752.356	8.127
4500	1000	23.6/26	96807.215	9.330
4500	1250	20.15/26	91937.413	10.253
4500	1500	22.45/26	95179.891	10.583
4500	1750	21.6/26	93736.202	12.693
4500	2000	22.7/26	95222.490	12.458
4500	2250	23.95/26	96942.420	13.989
4500	2500	23.8/26	96890.629	14.440
4500	2750	22.55/26	95215.947	14.913
4500	3000	17.95/26	89074.122	15.686
4500	3250	22.55/26	95290.949	15.821



Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
4500	3500	21.2/26	92637.401	16.035
4500	3750	21.55/26	93725.494	16.137
4500	4000	17.95/26	89253.335	16.181
5000	500	25.5/26	98408.296	6.757
5000	750	21.8/26	93947.440	8.768
5000	1000	22.25/26	95037.590	9.181
5000	1250	20.4/26	92335.551	10.627
5000	1500	24.95/26	98406.938	13.401
5000	1750	21.6/26	93773.163	11.542
5000	2000	23.6/26	96902.603	12.948
5000	2250	22.75/26	95220.172	13.723
5000	2500	21.25/26	93717.546	14.894
5000	2750	21.6/26	94042.227	16.329
5000	3000	20.3/26	92142.185	16.719
5000	3250	21.6/26	93773.932	16.950
5000	3500	26.0/26	99965.502	17.141
5000	3750	23.7/26	96815.774	17.561
5000	4000	26.0/26	99965.502	17.891
5500	500	21.15/26	92577.142	6.382
5500	750	20.45/26	91967.535	7.554
5500	1000	19.15/26	90514.977	9.578
5500	1250	22.65/26	95168.497	10.281
5500	1500	19.35/26	90853.929	10.239
5500	1750	23.0/26	95660.905	13.259
5500	2000	21.45/26	94022.965	12.795
5500	2250	20.15/26	92080.141	13.449
5500	2500	18.3/26	89101.192	15.476
5500	2750	23.8/26	96858.062	15.499
5500	3000	20.35/26	92172.714	16.496
5500	3250	21.35/26	93941.953	17.127
5500	3500	19.4/26	90515.205	18.107
5500	3750	21.6/26	93874.548	18.565
5500	4000	19.75/26	90837.538	18.730
6000	500	18.35/26	88882.720	6.328

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
6000	750	20.5/26	92086.455	8.357
6000	1000	21.15/26	93381.268	9.366
6000	1250	23.65/26	96822.269	10.558
6000	1500	23.9/26	97054.516	11.101
6000	1750	21.05/26	92617.157	12.789
6000	2000	21.5/26	93755.104	12.971
6000	2250	21.45/26	93793.379	14.568
6000	2500	23.8/26	96931.351	15.155
6000	2750	24.8/26	98372.891	16.156
6000	3000	22.6/26	95205.999	17.269
6000	3250	24.8/26	98449.887	16.885
6000	3500	21.25/26	93714.675	18.692
6000	3750	19.2/26	90573.043	19.452
6000	4000	20.3/26	92259.618	20.012
6500	500	18.15/26	89299.105	7.138
6500	750	18.05/26	88787.859	8.287
6500	1000	18.9/26	90325.138	8.639
6500	1250	20.0/26	91919.208	11.792
6500	1500	20.35/26	92257.193	11.466
6500	1750	22.5/26	95341.147	12.497
6500	2000	21.55/26	93751.130	14.158
6500	2250	21.4/26	93806.114	13.732
6500	2500	22.35/26	95297.635	15.346
6500	2750	21.3/26	93819.508	16.336
6500	3000	19.15/26	90608.488	16.577
6500	3250	19.25/26	90709.981	18.157
6500	3500	16.4/26	87508.275	18.144
6500	3750	19.55/26	90902.361	19.771
6500	4000	19.0/26	90553.916	20.222
7000	500	20.6/26	91815.845	6.322
7000	750	24.95/26	98223.349	9.035
7000	1000	24.8/26	98312.759	9.620
7000	1250	20.35/26	92309.394	10.463
7000	1500	20.65/26	92084.262	10.665

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
7000	1750	20.35/26	91393.940	12.718
7000	2000	22.6/26	95536.458	13.254
7000	2250	20.2/26	92186.973	13.940
7000	2500	23.6/26	96817.806	15.253
7000	2750	23.7/26	96825.390	16.523
7000	3000	22.55/26	95297.621	17.255
7000	3250	23.0/26	95552.853	17.691
7000	3500	21.9/26	94067.492	18.133
7000	3750	23.75/26	96809.175	19.955
7000	4000	21.4/26	93697.197	19.572
7500	500	20.35/26	90895.159	6.918
7500	750	22.4/26	95052.854	8.884
7500	1000	19.3/26	89511.761	8.527
7500	1250	23.7/26	96743.753	9.367
7500	1500	22.75/26	95488.459	10.284
7500	1750	18.9/26	90519.978	12.326
7500	2000	23.9/26	96834.850	14.199
7500	2250	23.9/26	96856.811	13.524
7500	2500	23.7/26	96862.701	14.795
7500	2750	23.85/26	96938.281	16.322
7500	3000	22.65/26	95195.799	16.772
7500	3250	22.85/26	95330.586	17.445
7500	3500	21.65/26	93787.939	18.923
7500	3750	22.65/26	95315.858	19.176
7500	4000	23.85/26	96897.056	20.623
8000	500	19.05/26	89221.538	7.190
8000	750	19.9/26	91482.605	7.939
8000	1000	20.5/26	91780.981	8.710
8000	1250	20.3/26	92108.641	10.062
8000	1500	22.4/26	95028.318	11.863
8000	1750	19.2/26	90749.647	12.576
8000	2000	23.9/26	96868.920	12.376
8000	2250	24.9/26	98434.445	13.764
8000	2500	26.0/26	99965.502	15.143

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
8000	2750	21.85/26	94109.544	16.145
8000	3000	21.55/26	93849.947	15.897
8000	3250	21.45/26	93623.783	18.389
8000	3500	23.6/26	96943.944	18.688
8000	3750	24.95/26	98421.758	19.375
8000	4000	23.8/26	96898.536	20.417
8500	500	23.2/26	95884.209	7.468
8500	750	22.85/26	95556.700	9.165
8500	1000	17.95/26	88836.748	10.698
8500	1250	23.55/26	96818.229	9.603
8500	1500	23.55/26	95791.719	11.108
8500	1750	24.25/26	97130.058	12.293
8500	2000	22.65/26	95261.591	13.153
8500	2250	22.6/26	95131.133	14.115
8500	2500	22.55/26	95220.274	14.848
8500	2750	21.95/26	94232.070	16.892
8500	3000	17.9/26	88970.453	17.032
8500	3250	21.8/26	93709.001	17.538
8500	3500	21.3/26	93822.338	18.157
8500	3750	20.3/26	92150.209	19.877
8500	4000	21.8/26	93613.821	20.804
9000	500	23.35/26	96275.730	6.855
9000	750	24.7/26	98121.565	8.061
9000	1000	22.25/26	94893.661	9.442
9000	1250	24.85/26	98370.873	10.494
9000	1500	20.3/26	92037.966	11.712
9000	1750	19.4/26	90525.057	12.247
9000	2000	22.65/26	95313.521	12.850
9000	2250	16.65/26	87561.734	14.737
9000	2500	22.45/26	95289.423	15.530
9000	2750	23.6/26	96892.203	15.355
9000	3000	23.3/26	95750.774	16.800
9000	3250	23.95/26	96838.814	16.649
9000	3500	21.4/26	93689.139	18.856

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
9000	3750	23.6/26	96917.096	18.629
9000	4000	24.9/26	98396.636	19.389
9500	500	22.5/26	94919.678	6.862
9500	750	22.5/26	95283.265	8.894
9500	1000	20.15/26	92092.199	8.560
9500	1250	21.55/26	93899.903	11.126
9500	1500	22.45/26	95104.514	12.040
9500	1750	21.6/26	93732.412	12.088
9500	2000	20.9/26	92480.776	12.277
9500	2250	17.9/26	89202.014	13.486
9500	2500	17.6/26	88984.060	15.986
9500	2750	22.55/26	95399.569	16.728
9500	3000	18.7/26	89390.229	16.863
9500	3250	19.4/26	90657.195	18.314
9500	3500	20.2/26	92181.728	19.024
9500	3750	21.3/26	93740.779	19.404
9500	4000	22.75/26	95293.189	20.020
10000	500	22.55/26	95208.140	7.235
10000	750	20.6/26	92224.855	8.809
10000	1000	23.95/26	96853.554	10.237
10000	1250	23.05/26	95683.559	10.631
10000	1500	23.15/26	95621.730	11.264
10000	1750	24.55/26	97263.092	12.579
10000	2000	21.75/26	93593.913	13.154
10000	2250	22.45/26	95254.896	13.872
10000	2500	18.95/26	90587.995	14.481
10000	2750	21.65/26	93710.728	16.680
10000	3000	21.35/26	93724.167	16.731
10000	3250	20.1/26	92197.238	17.457
10000	3500	23.85/26	96852.550	18.256
10000	3750	19.2/26	90652.536	19.262
10000	4000	21.15/26	92774.567	20.018

TABLE 4 – PENTAGRAMMES 1500

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
1000	500	14.9/26	58111.160	4.021
1000	750	15.2/26	58587.674	4.019
1500	500	13.0/26	58306.227	5.849
1500	750	17.5/26	67049.266	6.007
1500	1000	19.8/26	71474.008	6.015
1500	1250	19.05/26	68557.962	6.022
2000	500	15.15/26	63669.550	7.036
2000	750	19.5/26	69871.939	7.895
2000	1000	19.85/26	73221.607	8.005
2000	1250	21.85/26	76241.678	7.992
2000	1500	18.3/26	69593.913	7.939
2000	1750	19.7/26	72777.005	7.872
2500	500	20.35/26	72064.938	6.427
2500	750	21.85/26	76445.529	8.060
2500	1000	18.6/26	70277.260	9.190
2500	1250	17.85/26	69143.397	9.628
2500	1500	19.7/26	72819.698	9.785
2500	1750	18.5/26	70588.417	9.844
2500	2000	17.0/26	66665.199	9.838
2500	2250	20.35/26	74442.892	9.835
3000	500	18.05/26	68125.389	7.972
3000	750	16.4/26	66509.541	9.264
3000	1000	21.35/26	76365.943	10.337
3000	1250	23.45/26	81105.214	10.574
3000	1500	20.25/26	74277.714	11.489
3000	1750	17.95/26	69399.560	11.806
3000	2000	13.9/26	61646.975	11.754
3000	2250	21.1/26	76183.077	11.783
3000	2500	15.05/26	65040.696	11.807
3000	2750	18.55/26	70377.751	11.791
3500	500	21.9/26	76944.176	7.438
3500	750	18.0/26	69541.205	9.949
3500	1000	22.25/26	77696.858	10.638
3500	1250	23.6/26	81388.341	11.025

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
3500	1500	20.25/26	73824.981	11.872
3500	1750	16.5/26	66142.260	12.936
3500	2000	20.15/26	74342.887	13.000
3500	2250	17.0/26	67568.075	13.639
3500	2500	21.4/26	76723.833	13.743
3500	2750	19.95/26	74434.679	13.754
3500	3000	13.3/26	60515.963	13.774
3500	3250	19.2/26	72260.916	13.754
4000	500	21.6/26	76023.695	7.359
4000	750	18.1/26	69807.357	9.503
4000	1000	19.05/26	72304.249	10.710
4000	1250	22.6/26	78937.680	12.716
4000	1500	17.95/26	69895.486	12.750
4000	1750	15.7/26	65157.780	13.388
4000	2000	22.35/26	79036.214	13.807
4000	2250	17.75/26	69748.747	14.899
4000	2500	21.2/26	76716.803	15.339
4000	2750	22.4/26	79111.011	15.434
4000	3000	24.8/26	83660.521	15.682
4000	3250	20.05/26	74125.362	15.707
4000	3500	21.3/26	76698.228	15.708
4000	3750	18.0/26	70349.167	15.720
4500	500	16.35/26	66576.385	8.327
4500	750	19.85/26	72078.988	8.999
4500	1000	20.0/26	73676.329	10.669
4500	1250	16.5/26	67366.099	12.541
4500	1500	20.3/26	74438.337	12.593
4500	1750	18.8/26	71561.256	13.676
4500	2000	21.2/26	76495.264	14.638
4500	2250	22.25/26	77918.370	15.626
4500	2500	24.6/26	82713.218	16.528
4500	2750	20.7/26	74361.783	15.972
4500	3000	20.3/26	74475.140	16.864
4500	3250	24.75/26	83648.834	17.131

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
4500	3500	20.4/26	74699.388	17.658
4500	3750	22.4/26	79026.767	17.660
4500	4000	17.7/26	69787.896	17.678
5000	500	18.9/26	69030.777	8.220
5000	750	23.45/26	81251.824	8.817
5000	1000	17.55/26	69746.742	10.935
5000	1250	21.3/26	76766.017	11.511
5000	1500	17.8/26	69982.484	12.044
5000	1750	22.25/26	79005.415	14.141
5000	2000	20.15/26	74325.222	14.803
5000	2250	20.2/26	74289.372	15.401
5000	2500	19.25/26	71813.571	15.839
5000	2750	16.35/26	66450.230	17.197
5000	3000	17.95/26	69860.648	17.234
5000	3250	17.3/26	68056.451	18.836
5000	3500	18.25/26	69902.518	19.205
5000	3750	16.55/26	67127.750	19.379
5000	4000	17.95/26	69946.810	19.620
5500	500	21.35/26	74825.169	7.762
5500	750	22.5/26	77747.960	9.075
5500	1000	21.3/26	76711.464	10.151
5500	1250	16.6/26	67473.977	12.294
5500	1500	20.1/26	74310.999	12.070
5500	1750	20.45/26	74552.016	12.933
5500	2000	19.55/26	71911.189	15.140
5500	2250	21.75/26	76772.274	15.745
5500	2500	16.0/26	65657.043	16.682
5500	2750	23.8/26	81392.992	17.462
5500	3000	20.75/26	74780.098	18.046
5500	3250	20.05/26	74305.167	19.395
5500	3500	20.1/26	74233.590	19.538
5500	3750	24.7/26	83623.298	20.430
5500	4000	15.85/26	65858.179	21.452
6000	500	19.45/26	71364.852	8.117



Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
6000	750	18.2/26	68810.984	9.686
6000	1000	19.55/26	71747.168	11.561
6000	1250	20.35/26	74538.543	11.594
6000	1500	17.6/26	69643.866	12.904
6000	1750	19.45/26	72596.328	13.565
6000	2000	22.45/26	78983.887	15.681
6000	2250	21.25/26	76889.461	15.658
6000	2500	17.9/26	69387.455	15.986
6000	2750	16.5/26	67449.566	16.611
6000	3000	20.45/26	74367.918	19.192
6000	3250	19.95/26	74223.258	19.021
6000	3500	16.65/26	67501.836	20.732
6000	3750	20.0/26	74312.604	21.393
6000	4000	22.55/26	79099.883	21.548
6500	500	20.55/26	73350.656	6.845
6500	750	17.8/26	69911.170	9.434
6500	1000	20.25/26	73654.074	9.243
6500	1250	17.95/26	70185.589	12.520
6500	1500	19.25/26	72236.088	12.267
6500	1750	17.8/26	70009.191	14.906
6500	2000	18.75/26	71936.807	15.403
6500	2250	21.4/26	76739.693	15.196
6500	2500	19.15/26	71983.403	15.702
6500	2750	17.8/26	69663.544	18.368
6500	3000	19.1/26	72453.539	18.260
6500	3250	20.0/26	74449.017	19.263
6500	3500	24.8/26	83653.384	20.823
6500	3750	21.65/26	76726.084	21.577
6500	4000	19.05/26	72098.557	22.825
7000	500	19.3/26	70482.902	8.142
7000	750	23.75/26	80862.902	8.802
7000	1000	21.4/26	75753.100	10.372
7000	1250	21.2/26	76677.122	11.459
7000	1500	20.65/26	74726.057	13.343

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
7000	1750	19.25/26	72255.603	13.208
7000	2000	21.45/26	76584.941	14.883
7000	2250	16.65/26	67424.229	16.804
7000	2500	19.4/26	72316.763	17.296
7000	2750	18.85/26	72000.105	17.945
7000	3000	19.1/26	72201.622	18.274
7000	3250	20.0/26	74209.691	19.785
7000	3500	17.55/26	69641.766	20.526
7000	3750	15.4/26	65067.517	20.864
7000	4000	22.6/26	79053.453	22.530
7500	500	20.75/26	74214.023	7.913
7500	750	20.15/26	72787.428	9.138
7500	1000	20.45/26	74699.521	10.503
7500	1250	18.95/26	72160.732	11.012
7500	1500	22.5/26	78996.966	12.676
7500	1750	16.4/26	67396.219	14.154
7500	2000	19.95/26	74487.426	14.775
7500	2250	23.6/26	81300.276	16.444
7500	2500	20.45/26	74676.325	17.397
7500	2750	22.2/26	77291.026	17.860
7500	3000	19.05/26	72177.226	20.073
7500	3250	17.9/26	69758.078	19.893
7500	3500	21.25/26	76607.723	20.769
7500	3750	23.7/26	81330.953	22.243
7500	4000	20.15/26	74424.964	23.484
8000	500	20.7/26	74083.733	7.844
8000	750	17.75/26	70004.643	9.394
8000	1000	19.45/26	70752.442	9.883
8000	1250	15.9/26	64723.200	11.136
8000	1500	20.2/26	74378.164	11.718
8000	1750	18.9/26	72040.360	12.946
8000	2000	18.85/26	71999.350	14.425
8000	2250	24.9/26	83645.426	15.623
8000	2500	21.2/26	76674.077	17.397

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
8000	2750	23.9/26	81272.716	17.462
8000	3000	19.3/26	72225.625	18.264
8000	3250	21.6/26	76959.070	20.098
8000	3500	17.7/26	69677.322	21.041
8000	3750	18.45/26	69680.574	21.889
8000	4000	17.95/26	69415.908	22.747
8500	500	20.7/26	73991.862	8.231
8500	750	23.35/26	80424.116	9.444
8500	1000	18.8/26	72167.049	10.816
8500	1250	16.5/26	67639.905	11.839
8500	1500	16.65/26	67313.801	12.646
8500	1750	19.15/26	71987.697	14.401
8500	2000	19.15/26	72183.098	15.302
8500	2250	21.4/26	76686.246	15.358
8500	2500	19.0/26	71996.021	16.967
8500	2750	15.25/26	65523.372	18.465
8500	3000	17.75/26	69686.744	19.378
8500	3250	15.55/26	65339.642	20.330
8500	3500	21.15/26	76620.274	20.386
8500	3750	16.7/26	67699.393	21.576
8500	4000	21.65/26	76636.796	22.316
9000	500	19.15/26	71627.272	7.982
9000	750	22.1/26	77182.532	9.622
9000	1000	17.75/26	69626.268	10.797
9000	1250	19.4/26	72330.270	12.089
9000	1500	22.5/26	79224.143	13.326
9000	1750	18.85/26	72128.306	14.285
9000	2000	21.2/26	76564.090	15.913
9000	2250	16.6/26	67538.855	15.685
9000	2500	17.95/26	70209.245	16.646
9000	2750	18.55/26	70225.562	17.484
9000	3000	20.35/26	74644.937	19.269
9000	3250	21.3/26	76521.484	19.213
9000	3500	19.3/26	72001.032	20.762

Iteration GLOBALE	Iteration LOCAL	Cle	SCORE	TIME
9000	3750	21.95/26	76923.132	21.492
9000	4000	21.55/26	76907.770	21.883
9500	500	22.7/26	77748.641	7.838
9500	750	20.15/26	74407.449	9.610
9500	1000	20.2/26	73822.465	11.247
9500	1250	23.65/26	81332.174	11.854
9500	1500	21.25/26	76595.447	12.476
9500	1750	19.15/26	71922.833	12.962
9500	2000	23.6/26	81191.380	14.141
9500	2250	18.65/26	72044.006	15.683
9500	2500	17.15/26	67516.903	16.716
9500	2750	19.6/26	71982.893	17.439
9500	3000	20.0/26	74426.303	19.108
9500	3250	18.8/26	71938.078	18.896
9500	3500	15.3/26	64939.484	21.367
9500	3750	13.2/26	60284.098	21.245
9500	4000	17.5/26	69816.258	23.000
10000	500	16.05/26	64645.206	7.525
10000	750	18.55/26	70256.150	9.079
10000	1000	21.35/26	76613.395	10.182
10000	1250	16.85/26	67418.282	12.176
10000	1500	21.1/26	76749.835	12.717
10000	1750	20.3/26	74584.293	13.498
10000	2000	18.05/26	69760.573	16.460
10000	2250	17.95/26	69670.359	15.652
10000	2500	16.15/26	65422.629	17.370
10000	2750	17.8/26	69819.869	18.676
10000	3000	18.15/26	69955.219	18.195
10000	3250	18.15/26	69808.310	20.404
10000	3500	18.8/26	72101.943	20.882
10000	3750	23.7/26	81283.441	22.304
10000	4000	25.0/26	83662.785	21.764