

Appendix B

This section contains the raw data collected during the experiment phase, each presented in a table.

Table 1: Time to execute 1000 instructions on default settings with ROM functions, measured in ms

No. of instructions	Absolute	Immediate	Zero Page	Mixed
1000	38.47	31.45	31.93	33.74

Table 2: Time to execute 1000 instructions on default settings without ROM functions, measured in ms

No. of instructions	Absolute	Immediate	Zero Page
1000	21.98	18.48	21.20

Table 3: Time to execute programs of varying instruction size, ranging from 10 to 5000, measured in ms

No. of instructions	Absolute	Immediate	Zero Page	Mixed
10	0.396	0.337	0.333	0.363
20	0.784	0.656	0.667	0.712
30	1.173	0.980	0.996	1.030
40	1.563	1.297	1.326	1.352
50	1.952	1.627	1.653	1.791
60	2.336	1.948	1.983	2.032
70	2.724	2.276	2.316	2.484
80	3.116	2.594	2.643	2.732
90	3.506	2.921	2.976	3.149
100	3.892	3.240	3.306	3.508
110	4.286	3.568	3.641	3.803
120	4.679	3.889	3.958	4.161
130	5.067	4.215	4.293	4.518
140	5.454	4.544	4.618	4.870
150	5.837	4.865	4.959	5.214
160	6.228	5.182	5.282	5.489
170	6.620	5.517	5.603	5.922
180	7.020	5.836	5.939	6.290
190	7.405	6.158	6.272	6.532
200	7.788	6.483	6.599	6.983
210	8.180	6.807	6.933	7.265

No. of instructions	Absolute	Immediate	Zero Page	Mixed
220	8.560	7.127	7.261	7.595
230	8.953	7.462	7.583	7.991
240	9.348	7.773	7.924	8.359
250	9.737	8.112	8.241	8.680
260	10.124	8.424	8.575	9.012
270	10.511	8.749	8.908	9.330
280	10.910	9.075	9.236	9.677
290	11.293	9.396	9.569	10.092
300	11.678	9.720	9.894	10.437
310	12.075	10.041	10.227	10.687
320	12.464	10.364	10.552	11.157
330	12.845	10.698	10.880	11.393
340	13.239	11.020	11.212	11.820
350	13.624	11.340	11.545	12.157
360	14.017	11.664	11.875	12.467
370	14.397	11.984	12.203	12.810
380	14.797	12.302	12.530	13.175
390	15.181	12.642	12.861	13.527
400	15.572	12.957	13.193	13.886
410	15.961	13.281	13.521	14.233
420	16.355	13.608	13.850	14.519
430	16.733	13.937	14.183	14.902
440	17.122	14.250	14.509	15.303
450	17.518	14.573	14.840	15.548
460	17.903	14.892	15.168	15.981
470	18.296	15.228	15.503	16.295
480	18.683	15.551	15.830	16.605
490	19.075	15.878	16.166	16.961
500	19.460	16.198	16.492	17.363
510	19.842	16.519	16.817	17.677
520	20.238	16.855	17.145	18.013
530	20.622	17.174	17.479	18.380
540	21.016	17.495	17.813	18.751
550	21.411	17.824	18.141	19.087
560	21.792	18.142	18.462	19.331
570	22.189	18.464	18.803	19.819
580	22.568	18.791	19.132	20.051
590	22.965	19.118	19.451	20.531
600	23.352	19.435	19.782	20.766
610	23.740	19.768	20.111	21.122
620	24.127	20.076	20.446	21.507
630	24.518	20.412	20.773	21.853
640	24.903	20.732	21.107	22.190
650	25.294	21.056	21.432	22.516

No. of instructions	Absolute	Immediate	Zero Page	Mixed
660	25.689	21.382	21.768	22.870
670	26.072	21.709	22.093	23.249
680	26.455	22.030	22.422	23.607
690	26.857	22.355	22.753	23.843
700	27.242	22.679	23.088	24.323
710	27.629	22.991	23.415	24.542
720	28.017	23.324	23.740	25.037
730	28.405	23.650	24.073	25.281
740	28.795	23.963	24.398	25.622
750	29.182	24.290	24.726	25.989
760	29.572	24.624	25.059	26.363
770	29.963	24.937	25.385	26.693
780	30.343	25.266	25.725	27.021
790	30.743	25.602	26.044	27.415
800	31.128	25.910	26.379	27.767
810	31.520	26.234	26.705	28.074
820	31.904	26.568	27.034	28.388
830	32.296	26.888	27.371	28.823
840	32.675	27.214	27.696	29.069
850	33.075	27.532	28.024	29.465
860	33.459	27.859	28.355	29.855
870	33.853	28.179	28.684	30.136
880	34.237	28.503	29.016	30.483
890	34.632	28.829	29.350	30.848
900	35.017	29.146	29.671	31.201
910	35.408	29.483	30.002	31.560
920	35.792	29.798	30.334	31.913
930	36.179	30.119	30.661	32.219
940	36.579	30.452	30.993	32.555
950	36.953	30.773	31.320	32.979
960	37.347	31.098	31.664	33.213
970	37.737	31.417	31.979	33.688
980	38.130	31.736	32.313	33.932
990	38.516	32.062	32.641	34.283
1000	38.910	32.384	32.975	34.698
1010	39.297	32.706	33.301	35.029
1020	39.681	33.037	33.629	35.363
1030	40.074	33.362	33.957	35.693
1040	40.459	33.691	34.288	36.018
1050	40.851	34.010	34.615	36.376
1060	41.243	34.339	34.955	36.784
1070	41.627	34.655	35.279	37.102
1080	42.017	34.978	35.603	37.387
1090	42.400	35.302	35.938	37.836

No. of instructions	Absolute	Immediate	Zero Page	Mixed
1100	42.793	35.625	36.266	38.085
1110	43.178	35.960	36.598	38.454
1120	43.577	36.277	36.924	38.882
1130	43.959	36.597	37.258	39.149
1140	44.354	36.925	37.586	39.505
1150	44.741	37.263	37.911	39.862
1160	45.130	37.568	38.247	40.217
1170	45.518	37.892	38.571	40.564
1180	45.910	38.223	38.907	40.869
1190	46.294	38.541	39.233	41.227
1200	46.686	38.859	39.559	41.642
1210	47.069	39.179	39.889	41.881
1220	47.465	39.507	40.221	42.346
1230	47.850	39.827	40.548	42.582
1240	48.236	40.154	40.877	43.014
1250	48.626	40.480	41.205	43.340
1260	49.017	40.812	41.538	43.659
1270	49.410	41.138	41.871	44.012
1280	49.798	41.449	42.196	44.362
1290	50.182	41.782	42.528	44.723
1300	50.571	42.110	42.864	45.070
1310	50.965	42.435	43.189	45.389
1320	51.346	42.755	43.516	45.713
1330	51.741	43.087	43.846	46.152
1340	52.127	43.408	44.179	46.386
1350	52.517	43.728	44.508	46.850
1360	52.909	44.058	44.839	47.094
1370	53.296	44.366	45.165	47.509
1380	53.685	44.691	45.502	47.860
1390	54.076	45.024	45.826	48.168
1400	54.459	45.345	46.156	48.518
1410	54.849	45.668	46.478	48.872
1420	55.236	45.987	46.815	49.229
1430	55.625	46.314	47.143	49.574
1440	56.027	46.646	47.474	49.847
1450	56.405	46.965	47.803	50.283
1460	56.799	47.299	48.133	50.641
1470	57.180	47.615	48.463	50.890
1480	57.574	47.930	48.796	51.341
1490	57.962	48.256	49.125	51.627
1500	58.357	48.583	49.452	51.939
1510	58.735	48.892	49.779	52.349
1520	59.131	49.229	50.115	52.706
1530	59.512	49.551	50.434	53.030

No. of instructions	Absolute	Immediate	Zero Page	Mixed
1540	59.904	49.886	50.764	53.372
1550	60.304	50.206	51.092	53.695
1560	60.680	50.529	51.431	54.034
1570	61.070	50.859	51.761	54.449
1580	61.462	51.177	52.083	54.797
1590	61.845	51.500	52.414	55.046
1600	62.239	51.812	52.748	55.517
1610	62.626	52.140	53.073	55.752
1620	63.014	52.458	53.405	56.173
1630	63.403	52.787	53.741	56.515
1640	63.798	53.113	54.073	56.826
1650	64.182	53.442	54.407	57.163
1660	64.572	53.770	54.719	57.535
1670	64.960	54.088	55.058	57.894
1680	65.353	54.410	55.392	58.246
1690	65.737	54.731	55.718	58.591
1700	66.132	55.070	56.041	58.881
1710	66.519	55.379	56.382	59.268
1720	66.913	55.715	56.708	59.664
1730	67.294	56.035	57.031	59.906
1740	67.683	56.347	57.360	60.341
1750	68.078	56.674	57.695	60.658
1760	68.464	56.999	58.020	60.970
1770	68.851	57.328	58.345	61.321
1780	69.244	57.655	58.685	61.710
1790	69.629	57.967	59.008	62.034
1800	70.024	58.289	59.349	62.370
1810	70.407	58.617	59.675	62.743
1820	70.796	58.934	60.001	63.116
1830	71.187	59.257	60.334	63.449
1840	71.572	59.593	60.664	63.692
1850	71.960	59.909	60.990	64.185
1860	72.352	60.239	61.324	64.409
1870	72.740	60.556	61.650	64.889
1880	73.130	60.888	61.976	65.115
1890	73.520	61.201	62.311	65.482
1900	73.907	61.537	62.641	65.861
1910	74.303	61.854	62.968	66.221
1920	74.683	62.188	63.298	66.548
1930	75.070	62.507	63.629	66.867
1940	75.460	62.842	63.951	67.228
1950	75.844	63.151	64.281	67.602
1960	76.238	63.468	64.609	67.969
1970	76.628	63.802	64.942	68.202

No. of instructions	Absolute	Immediate	Zero Page	Mixed
1980	77.018	64.117	65.274	68.684
1990	77.405	64.448	65.600	68.913
2000	77.797	64.772	65.928	69.399
2010	78.184	65.090	66.272	69.643
2020	78.572	65.414	66.596	69.976
2030	78.966	65.744	66.924	70.339
2040	79.356	66.084	67.253	70.721
2050	79.741	66.400	67.581	71.044
2060	80.131	66.717	67.913	71.377
2070	80.520	67.045	68.237	71.766
2080	80.908	67.376	68.572	72.125
2090	81.287	67.691	68.901	72.430
2100	81.684	68.006	69.228	72.744
2110	82.071	68.328	69.561	73.183
2120	82.460	68.652	69.891	73.422
2130	82.855	68.974	70.218	73.827
2140	83.239	69.315	70.556	74.202
2150	83.633	69.628	70.884	74.500
2160	84.020	69.952	71.212	74.843
2170	84.408	70.294	71.545	75.208
2180	84.799	70.590	71.875	75.560
2190	85.183	70.935	72.198	75.922
2200	85.573	71.249	72.531	76.259
2210	85.965	71.571	72.853	76.583
2220	86.348	71.900	73.187	76.909
2230	86.745	72.228	73.513	77.344
2240	87.130	72.548	73.842	77.578
2250	87.522	72.858	74.169	78.051
2260	87.904	73.183	74.503	78.290
2270	88.299	73.507	74.836	78.634
2280	88.689	73.831	75.166	79.053
2290	89.072	74.162	75.493	79.393
2300	89.466	74.487	75.826	79.727
2310	89.844	74.812	76.157	80.045
2330	90.628	75.451	76.810	80.742
2320	90.244	75.157	76.484	80.375
2340	91.017	75.784	77.149	81.143
2350	91.408	76.104	77.473	81.459
2360	91.791	76.425	77.800	81.747
2370	92.191	76.754	78.128	82.199
2380	92.568	77.077	78.468	82.441
2390	92.966	77.407	78.789	82.803
2400	93.359	77.732	79.119	83.238
2410	93.739	78.056	79.444	83.517

No. of instructions	Absolute	Immediate	Zero Page	Mixed
2420	94.125	78.386	79.778	83.864
2430	94.525	78.708	80.119	84.218
2440	94.907	79.028	80.440	84.573
2450	95.299	79.350	80.764	84.923
2460	95.687	79.665	81.099	85.234
2470	96.081	80.000	81.430	85.576
2480	96.464	80.322	81.752	85.990
2490	96.857	80.655	82.087	86.238
2500	97.238	80.962	82.416	86.702
2510	97.627	81.288	82.751	86.938
2520	98.024	81.615	83.074	87.375
2530	98.407	81.932	83.403	87.708
2540	98.797	82.259	83.727	88.011
2550	99.184	82.591	84.071	88.365
2560	99.576	82.911	84.390	88.719
2570	99.961	83.238	84.724	89.079
2580	100.356	83.570	85.062	89.434
2590	100.751	83.894	85.380	89.741
2600	101.131	84.214	85.720	90.073
2610	101.517	84.531	86.047	90.509
2620	101.904	84.854	86.369	90.751
2630	102.294	85.181	86.704	91.217
2640	102.690	85.479	87.034	91.447
2650	103.076	85.825	87.356	91.870
2660	103.466	86.144	87.689	92.220
2670	103.852	86.463	88.022	92.522
2680	104.238	86.793	88.348	92.879
2690	104.621	87.116	88.682	93.228
2700	105.024	87.432	89.018	93.581
2710	105.405	87.764	89.343	93.927
2720	105.795	88.101	89.668	94.210
2730	106.192	88.408	89.993	94.641
2740	106.571	88.749	90.334	95.011
2750	106.963	89.071	90.656	95.252
2760	107.353	89.384	90.987	95.699
2770	107.741	89.717	91.317	95.989
2780	108.133	90.055	91.638	96.307
2790	108.515	90.350	91.973	96.713
2800	108.914	90.672	92.314	97.073
2810	109.292	91.008	92.631	97.399
2820	109.686	91.325	92.963	97.728
2830	110.078	91.652	93.297	98.063
2840	110.462	91.971	93.627	98.399
2850	110.855	92.284	93.956	98.815

No. of instructions	Absolute	Immediate	Zero Page	Mixed
2860	111.245	92.625	94.287	99.158
2870	111.629	92.947	94.607	99.400
2880	112.022	93.276	94.941	99.875
2890	112.411	93.615	95.271	100.112
2900	112.793	93.916	95.600	100.532
2910	113.189	94.257	95.935	100.871
2920	113.573	94.555	96.266	101.187
2930	113.962	94.906	96.596	101.533
2940	114.357	95.201	96.918	101.891
2950	114.744	95.542	97.244	102.235
2960	115.133	95.863	97.571	102.603
2970	115.515	96.189	97.912	102.946
2980	115.905	96.509	98.235	103.238
2990	116.294	96.827	98.565	103.627
3000	116.690	97.146	98.903	104.015
3010	117.070	97.477	99.226	104.268
3020	117.460	97.814	99.558	104.701
3030	117.859	98.117	99.893	105.018
3040	118.246	98.449	100.222	105.330
3050	118.625	98.772	100.553	105.680
3060	119.023	99.099	100.874	106.072
3070	119.407	99.427	101.205	106.400
3080	119.797	99.749	101.532	106.726
3090	120.185	100.077	101.863	107.096
3100	120.573	100.394	102.193	107.471
3110	120.970	100.724	102.518	107.813
3120	121.347	101.043	102.850	108.049
3130	121.746	101.364	103.186	108.545
3140	122.128	101.700	103.513	108.772
3150	122.516	102.022	103.853	109.242
3160	122.909	102.330	104.175	109.480
3170	123.300	102.656	104.500	109.841
3180	123.688	102.993	104.834	110.220
3190	124.073	103.314	105.157	110.576
3200	124.471	103.639	105.488	110.905
3210	124.850	103.951	105.814	111.229
3220	125.235	104.296	106.145	111.586
3230	125.630	104.614	106.477	111.967
3240	126.017	104.940	106.810	112.328
3250	126.409	105.269	107.140	112.560
3260	126.798	105.560	107.479	113.047
3270	127.187	105.898	107.801	113.258
3280	127.578	106.223	108.131	113.751
3290	127.974	106.553	108.459	113.998

No. of instructions	Absolute	Immediate	Zero Page	Mixed
3300	128.356	106.870	108.787	114.331
3310	128.746	107.194	109.117	114.701
3320	129.130	107.504	109.449	115.082
3330	129.521	107.842	109.778	115.408
3340	129.912	108.171	110.117	115.735
3350	130.296	108.486	110.430	116.132
3360	130.688	108.814	110.770	116.476
3370	131.077	109.145	111.092	116.790
3380	131.472	109.466	111.419	117.100
3390	131.850	109.794	111.758	117.549
3400	132.245	110.088	112.075	117.792
3410	132.630	110.443	112.408	118.179
3420	133.018	110.753	112.743	118.567
3430	133.406	111.081	113.084	118.849
3440	133.802	111.400	113.403	119.200
3450	134.187	111.726	113.743	119.565
3460	134.572	112.055	114.065	119.917
3470	134.969	112.387	114.398	120.286
3480	135.354	112.675	114.725	120.621
3490	135.741	113.027	115.049	120.938
3500	136.138	113.350	115.381	121.275
3510	136.517	113.680	115.709	121.701
3520	136.905	113.988	116.041	121.925
3530	137.294	114.312	116.368	122.411
3540	137.684	114.646	116.707	122.647
3550	138.075	114.963	117.033	122.990
3560	138.464	115.291	117.358	123.403
3570	138.865	115.608	117.686	123.756
3580	139.241	115.947	118.018	124.075
3590	139.638	116.262	118.346	124.408
3600	140.016	116.576	118.683	124.740
3610	140.412	116.908	119.006	125.104
3620	140.795	117.231	119.346	125.492
3630	141.183	117.565	119.665	125.816
3640	141.580	117.872	119.992	126.103
3650	141.968	118.203	120.322	126.560
3660	142.356	118.530	120.657	126.803
3670	142.737	118.850	120.980	127.174
3680	143.130	119.174	121.308	127.600
3690	143.521	119.499	121.647	127.878
3700	143.911	119.827	121.975	128.221
3710	144.297	120.154	122.303	128.568
3720	144.687	120.467	122.633	128.928
3730	145.080	120.791	122.970	129.282

No. of instructions	Absolute	Immediate	Zero Page	Mixed
3740	145.464	121.125	123.289	129.584
3750	145.858	121.449	123.620	129.927
3760	146.242	121.757	123.948	130.353
3770	146.632	122.087	124.278	130.608
3780	147.020	122.431	124.612	131.059
3790	147.413	122.732	124.944	131.298
3800	147.795	123.054	125.272	131.746
3810	148.190	123.388	125.599	132.059
3820	148.577	123.721	125.921	132.374
3830	148.971	124.027	126.250	132.734
3840	149.348	124.357	126.583	133.077
3850	149.745	124.689	126.919	133.432
3860	150.130	125.007	127.240	133.788
3870	150.525	125.343	127.578	134.109
3880	150.914	125.661	127.906	134.434
3890	151.299	125.989	128.243	134.862
3900	151.687	126.319	128.565	135.107
3910	152.079	126.623	128.905	135.561
3920	152.463	126.945	129.220	135.805
3930	152.856	127.266	129.553	136.226
3940	153.240	127.617	129.877	136.577
3950	153.635	127.939	130.220	136.881
3960	154.019	128.251	130.545	137.235
3970	154.420	128.571	130.875	137.588
3980	154.805	128.896	131.204	137.942
3990	155.183	129.224	131.539	138.292
4000	155.572	129.531	131.856	138.570
4010	155.967	129.850	132.188	138.994
4020	156.360	130.194	132.516	139.369
4030	156.746	130.506	132.852	139.601
4040	157.130	130.830	133.181	140.062
4050	157.525	131.164	133.517	140.344
4060	157.909	131.480	133.830	140.672
4070	158.300	131.795	134.171	141.079
4080	158.689	132.138	134.505	141.441
4090	159.074	132.459	134.822	141.759
4100	159.464	132.769	135.154	142.085
4110	159.848	133.100	135.488	142.413
4120	160.240	133.438	135.818	142.754
4130	160.634	133.750	136.151	143.165
4140	161.027	134.095	136.490	143.522
4150	161.413	134.414	136.805	143.760
4160	161.802	134.729	137.134	144.226
4170	162.189	135.045	137.461	144.469

No. of instructions	Absolute	Immediate	Zero Page	Mixed
4180	162.580	135.372	137.798	144.900
4190	162.964	135.693	138.128	145.229
4200	163.357	136.012	138.460	145.546
4210	163.746	136.338	138.783	145.886
4220	164.129	136.683	139.112	146.248
4230	164.518	136.977	139.438	146.610
4240	164.912	137.302	139.764	146.968
4250	165.295	137.635	140.097	147.308
4260	165.686	137.959	140.434	147.599
4270	166.070	138.281	140.767	147.988
4280	166.471	138.609	141.095	148.385
4290	166.864	138.928	141.418	148.621
4300	167.248	139.255	141.755	149.059
4310	167.632	139.584	142.079	149.366
4320	168.018	139.899	142.395	149.683
4330	168.413	140.226	142.741	150.038
4340	168.804	140.572	143.070	150.434
4350	169.187	140.873	143.404	150.755
4360	169.581	141.211	143.726	151.093
4370	169.964	141.529	144.064	151.466
4380	170.356	141.835	144.387	151.831
4390	170.741	142.175	144.718	152.176
4400	171.131	142.487	145.052	152.416
4410	171.519	142.816	145.376	152.904
4420	171.912	143.155	145.713	153.119
4430	172.301	143.475	146.037	153.599
4440	172.693	143.807	146.368	153.842
4450	173.077	144.110	146.697	154.200
4460	173.468	144.434	147.022	154.592
4470	173.854	144.770	147.355	154.938
4480	174.239	145.076	147.683	155.259
4490	174.633	145.405	148.018	155.596
4500	175.024	145.734	148.342	155.949
4510	175.410	146.051	148.676	156.313
4520	175.804	146.373	149.006	156.678
4530	176.194	146.707	149.328	156.919
4540	176.578	147.026	149.660	157.398
4550	176.967	147.349	149.983	157.628
4560	177.352	147.688	150.323	158.113
4570	177.739	148.010	150.653	158.359
4580	178.133	148.313	150.984	158.698
4590	178.520	148.657	151.305	159.065
4600	178.905	148.970	151.642	159.434
4610	179.302	149.301	151.970	159.767

No. of instructions	Absolute	Immediate	Zero Page	Mixed
4620	179.692	149.604	152.299	160.092
4630	180.074	149.954	152.627	160.497
4640	180.466	150.234	152.963	160.838
4650	180.853	150.578	153.291	161.159
4660	181.248	150.915	153.619	161.467
4670	181.630	151.241	153.946	161.897
4680	182.018	151.559	154.274	162.152
4690	182.418	151.898	154.614	162.539
4700	182.800	152.194	154.942	162.934
4710	183.191	152.531	155.267	163.218
4720	183.580	152.867	155.596	163.555
4730	183.963	153.176	155.926	163.916
4740	184.356	153.504	156.259	164.281
4750	184.742	153.825	156.587	164.639
4760	185.134	154.156	156.921	164.975
4770	185.522	154.477	157.246	165.293
4780	185.911	154.804	157.574	165.628
4790	186.300	155.120	157.907	166.054
4800	186.691	155.444	158.230	166.293
4810	187.078	155.775	158.563	166.771
4820	187.464	156.100	158.895	167.010
4830	187.857	156.425	159.224	167.353
4840	188.249	156.745	159.559	167.773
4850	188.632	157.062	159.878	168.114
4860	189.029	157.389	160.205	168.443
4870	189.413	157.718	160.544	168.765
4880	189.798	158.032	160.868	169.095
4890	190.190	158.357	161.209	169.453
4900	190.580	158.688	161.534	169.863
4910	190.976	159.007	161.862	170.174
4920	191.357	159.337	162.182	170.469
4930	191.740	159.660	162.506	170.919
4940	192.138	159.985	162.848	171.158
4950	192.526	160.299	163.180	171.528
4960	192.915	160.636	163.507	171.957
4970	193.298	160.975	163.833	172.223
4980	193.695	161.283	164.170	172.575
4990	194.080	161.611	164.495	172.932
5000	194.465	161.926	164.828	173.285

Table 4: Measured time to run 1000 instructions with increasing frequency of the interrupt service routine (ISR) to run, measured in ms

No. of timeouts per second	Absolute	Immediate	Zero Page	Mixed
100.04	38.475	31.463	31.924	33.713
101.07	38.465	31.451	31.932	33.728
102.12	38.469	31.449	31.944	33.795
103.20	38.468	31.468	31.937	33.770
104.30	38.471	31.434	31.926	33.707
105.42	38.465	31.452	31.942	33.720
106.56	38.465	31.458	31.937	33.724
107.74	38.472	31.447	31.934	33.783
108.93	38.469	31.453	31.929	33.796
110.16	38.468	31.460	31.934	33.715
111.41	38.473	31.462	31.941	33.735
112.69	38.478	31.470	31.928	33.717
114.00	38.463	31.464	31.925	33.764
115.34	38.464	31.455	31.929	33.802
116.71	38.469	31.450	31.936	33.714
118.12	38.467	31.447	31.936	33.720
119.56	38.476	31.441	31.932	33.732
121.04	38.480	31.457	31.941	33.709
122.55	38.478	31.443	31.943	33.830
124.10	38.479	31.467	31.933	33.754
125.69	38.475	31.455	31.935	33.703
127.32	38.471	31.463	31.938	33.737
129.00	38.475	31.462	31.945	33.747
130.72	38.479	31.456	31.933	33.805
132.49	38.473	31.469	31.934	33.768
134.30	38.478	31.455	31.939	33.730
136.17	38.477	31.457	31.935	33.729
138.08	38.485	31.459	31.934	33.735
140.06	38.475	31.450	31.931	33.792
142.09	38.469	31.455	31.935	33.831
144.18	38.484	31.464	31.940	33.735
146.33	38.468	31.467	31.939	33.742
148.54	38.470	31.465	31.937	33.719
150.83	38.475	31.464	31.937	33.739
153.19	38.473	31.452	31.940	33.806
155.62	38.471	31.463	31.940	33.737
158.13	38.475	31.458	31.948	33.709
160.72	38.479	31.453	31.937	33.695
163.40	38.481	31.469	31.938	33.731
166.17	38.476	31.457	31.942	33.829

No. of timeouts per second	Absolute	Immediate	Zero Page	Mixed
169.03	38.482	31.470	31.949	33.764
172.00	38.476	31.460	31.949	33.715
175.07	38.486	31.464	31.945	33.724
178.25	38.482	31.462	31.943	33.710
181.55	38.486	31.480	31.942	33.787
184.98	38.491	31.462	31.941	33.783
188.54	38.489	31.464	31.944	33.741
192.23	38.483	31.483	31.951	33.720
196.08	38.495	31.473	31.955	33.702
200.08	38.485	31.476	31.937	33.773
204.25	38.489	31.479	31.946	33.819
208.59	38.488	31.476	31.945	33.763
213.13	38.486	31.470	31.951	33.740
217.86	38.479	31.472	31.933	33.729
222.82	38.490	31.478	31.952	33.730
228.00	38.491	31.469	31.942	33.820
233.43	38.494	31.464	31.951	33.795
239.12	38.500	31.468	31.958	33.742
245.10	38.500	31.484	31.953	33.730
251.38	38.493	31.471	31.954	33.743
258.00	38.495	31.488	31.952	33.791
264.97	38.498	31.470	31.955	33.815
272.33	38.500	31.475	31.954	33.748
280.11	38.508	31.493	31.955	33.721
288.35	38.505	31.465	31.961	33.747
297.09	38.506	31.483	31.958	33.750
306.37	38.510	31.497	31.953	33.824
316.26	38.508	31.493	31.955	33.782
326.80	38.503	31.510	31.955	33.752
338.07	38.515	31.502	31.961	33.733
350.14	38.515	31.496	31.960	33.743
363.11	38.514	31.484	31.979	33.840
377.07	38.528	31.493	31.969	33.826
392.16	38.522	31.492	31.963	33.742
408.50	38.527	31.495	31.971	33.746
426.26	38.531	31.514	31.970	33.766
445.63	38.518	31.490	31.979	33.811
466.85	38.540	31.520	31.978	33.836
490.20	38.544	31.506	31.979	33.792
516.00	38.542	31.514	31.993	33.776
544.66	38.557	31.536	31.979	33.762
576.70	38.563	31.538	32.001	33.811
612.75	38.565	31.518	31.999	33.868
653.59	38.569	31.531	32.005	33.831

No. of timeouts per second	Absolute	Immediate	Zero Page	Mixed
700.28	38.582	31.548	32.020	33.790
754.15	38.600	31.522	32.013	33.805
816.99	38.612	31.504	32.037	33.782
891.27	38.613	31.561	32.041	33.874
980.39	38.641	31.608	32.050	33.929
1089.32	38.646	31.603	32.075	33.849
1225.49	38.676	31.618	32.085	33.883
1400.56	38.716	31.644	32.110	33.913
1633.99	38.755	31.680	32.129	33.986
1960.78	38.810	31.761	32.192	34.069
2450.98	38.906	31.874	32.260	34.047
3267.97	39.067	31.912	32.386	34.162
4901.96	39.401	32.180	32.592	34.312