Appendix A

Table A-1 Models with an intercept (from Savin and White)

Durbin-Watson Statistic: 1 Per Cent Significance Points of dL and dU k'*=1 k'=2 k'=5 k'=9 k'=10 k'=3 k'=4 k'=6 k'=8 dL dU dL dU dL dU dU dU dU dU dL dU dL dU dL dU dL dL dL dL 0.390 1 142 0.435 1.676 1.036 0.294 1.003 0.345 0.229 2.102 0.998 0.279 2.433 0.554 0.408 1.389 1.875 0.183 10 0.604 1.001 0.466 1.333 0.340 1.733 0.230 2.193 0.150 2.690 11 0.653 1.010 0.519 1 297 0.396 1 640 0.286 2.030 0.193 2 453 0.124 2 892 1.913 12 1.023 0.569 1 274 0.449 1.575 0.339 0.244 2 280 0.164 2.665 0.105 3.053 0.697 13 1.038 0.616 1.261 0.499 0.391 1.826 0.294 0.211 2.490 0.547 0.441 2.981 14 0.776 1.054 0.660 1.254 1.490 1.757 0.343 2.049 0.257 2.354 0.183 2.667 0.122 0.078 3.287 15 0.811 1.070 0.700 1.252 0.591 1.465 0.487 1.705 0.390 1.967 0.303 2.244 0.226 2.530 0.161 2.817 0.107 3.101 0.068 3.374 16 0.844 1.086 0.738 1 253 0.633 1 447 0.532 1 664 0.437 1 901 0.349 2 153 0.269 2 4 1 6 0.200 2 681 0.142 2 944 0.094 3 201 0.873 1.102 0.773 1.255 0.672 1.432 0.574 1.631 0.481 1.847 0.393 2.078 2.319 0.241 2.566 17 0.313 0.179 2.811 0.127 3.053 18 1.118 1.259 0.708 1.422 0.614 1.604 0.522 1.803 2.015 0.355 2.238 0.282 2.381 2.597 19 0.928 1.133 0.835 0.742 0.650 1.583 0.561 1.767 0.476 1.963 0.396 2.169 0.322 0.255 0.196 2.813 1.264 1.416 20 0.952 1.147 0.862 1.270 0.774 1.410 0.684 1.567 0.598 1.736 0.515 1.918 0.436 2.110 0.362 2.308 0.294 2.510 0.232 2.174 21 0.975 1.161 0.889 1 276 0.803 1 408 0.718 1 554 0.634 1 712 0.552 1 881 0.474 2.059 0.400 2 244 0.331 2 434 0.268 2 625 0.997 1.174 0.915 0.510 2.015 22 0.832 1.407 0.748 1.543 1.691 1.849 0.437 2.188 1.284 0.666 0.587 0.368 2.367 0.304 2.548 23 1.017 1.186 0.858 1.535 0.699 1.674 0.620 1.821 0.545 0.473 2.140 0.404 24 1.037 1.199 0.959 0.881 1.407 1.527 0.728 0.652 1.797 0.578 0.507 2.097 0.439 2.255 0.375 1.298 0.805 1.659 1.944 2.417 25 1.055 1.210 0.981 1.305 0.906 1.408 0.832 1.521 0.756 1.645 0.682 1.776 0.610 1.915 0.540 2.059 0.473 2.209 0.409 2.362 26 1.072 1 222 1.000 1.311 0.928 1.410 0.855 1.517 0.782 1.635 0.711 1 759 0.640 1 889 0.572 2.026 0.505 2 168 0.441 2.313 1.743 27 1.232 0.948 1.625 1.867 1.088 1.019 1.318 1.413 0.878 1.514 0.808 0.738 0.669 0.602 1.997 0.536 2.131 0.473 2.269 28 1.104 1.244 1.036 1.325 0.969 1.414 1.512 0.832 1.618 0.764 1.729 0.696 1.847 0.630 1.970 0.566 0.504 29 1.254 0.988 1.718 0.723 1.947 0.595 2.068 0.533 2.193 1.119 1.053 1.332 1.418 0.921 1.511 0.855 0.788 1.830 0.658 1.611 30 1.134 1.264 1.070 1.339 1.006 1.421 0.941 1.510 0.877 1.606 0.812 1.707 0.748 1.814 0.684 1.925 0.622 2.041 0.562 2.160 31 1.147 1.274 1.085 1 345 1.022 1 425 0.960 1 509 0.897 1.601 0.834 1 698 0.772 1.800 0.710 1 906 0.649 2.017 0.589 2.131 1.597 32 1.160 1.283 1.100 1.351 1.039 1.428 0.978 1.509 0.917 0.856 1.690 0.794 1.788 0.734 1.889 0.674 1.995 0.615 33 1.171 1.291 1.358 1.055 1.432 0.995 1.510 0.935 1.594 0.876 1.683 1.776 0.757 1.874 0.698 0.641 1.114 0.816 2.080 34 1.184 1.298 1.070 1.436 1.012 1.511 0.954 1.591 1.677 0.837 0.779 0.722 1.957 0.665 2.057 1.128 1.364 0.896 1.766 1.860 35 1 195 1 307 1 141 1 370 1.085 1 439 1.028 1.512 0.971 1 589 0.914 1.671 0.857 1 757 0.800 1 847 0.744 1 940 0.689 2.037 36 1.205 1.315 1.153 1.376 1.098 1 442 1.043 1.513 0.987 1 587 0.932 1.666 0.877 1 749 0.821 1.836 0.766 1 925 0.711 2.018 37 1.217 1.322 1.112 1.446 1.058 1.514 1.004 1.585 0.950 1.662 0.895 1.742 0.841 1.825 0.787 1.911 0.733 38 1.227 1.330 1.176 1.388 1.124 1.449 1.072 1.515 1.019 1.584 0.966 1.658 0.913 1.735 0.860 1.816 0.807 1.899 0.754 1.985 39 1.237 1.337 0.982 1.655 0.930 0.878 1.887 0.774 1.187 1.392 1.137 1.452 1.085 1.517 1.033 1.583 1.729 1.807 0.826 1.970 40 1 246 1 344 1 197 1 398 1 149 1 456 1.098 1 518 1 047 1 583 0.997 1.652 0.946 1 724 0.895 1 799 0.844 1 876 0.749 1 956 45 1.288 1.376 1.245 1.424 1.201 1 474 1.156 1.528 1.111 1.583 1.065 1.643 1.019 1.704 0.974 1.768 0.927 1 834 0.881 1.902 50 1.324 1.403 1.285 1.245 1.491 1.206 1.537 1.587 1.123 1.639 1.081 1.692 1.039 1.748 0.997 0.955 55 1.356 1.428 1.320 1.466 1.284 1.505 1.246 1.548 1.209 1.592 1.172 1.638 1.134 1.685 1.095 1.734 1.057 1.785 1.018 1.837 60 1.382 1.449 1.351 1.484 1.317 1.520 1.283 1.559 1.248 1.598 1.214 1.639 1.179 1.682 1.144 1.726 1.108 1.771 1.072 1.817 65 1 407 1 467 1 377 1.500 1 346 1 534 1 314 1 568 1 283 1 604 1 251 1 642 1 218 1.680 1 186 1.720 1 153 1.761 1.120 1.802 70 1.429 1 485 1 400 1 514 1.372 1 546 1 343 1.577 1.313 1.611 1 283 1.645 1 253 1.680 1 223 1.716 1 192 1 754 1 792 1.162 75 1.501 1.422 1.395 1.557 1.617 1.649 1.682 1.256 1.227 80 1.514 1.440 1.541 1.416 1.390 1.595 1.624 1.338 1.653 1.312 1.683 1.285 1.714 1.259 1.745 1.232 1.777 1.465 1.568 1.364 85 1.481 1.529 1.458 1.553 1.434 1.577 1.411 1.603 1.386 1.630 1.362 1.657 1.337 1.685 1.312 1.714 1.287 1.743 1.262 1.773 90 1 496 1 541 1 474 1 563 1 452 1 587 1 429 1.611 1 406 1.636 1 383 1.661 1 360 1 687 1 336 1714 1 312 1 741 1 288 1 769 1.489 1.425 1.690 95 1.510 1.552 1 573 1 468 1 446 1 403 1.666 1.381 1.358 1.715 1.336 1 741 1 596 1.618 1.641 1.313 1.767 1.482 1.647 1.421 1.670 1.400 1.693 1.378 150 1.637 1.584 1.571 1.679 1.557 1.543 1.708 1.722 1.515 1.752 1.611 1.598 1.651 1.665 1.693 1.530 1.737 1.501 1.486 1.767

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1.571 1.779

1.693

200 1.664 1.684 1.653

^{1.643} *k' is the number of regressors excluding the intercept

	k'*=11		k'=12		k'=13		k'=14		k'=15		k'=16		k'=17		k'=18		k'=19		k'=20	
n	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
16	0.060	3.446																		
17	0.084	3.286	0.053	3.506																
18	0.113	3.146	0.075	3.358	0.047	3.557														
19	0.145	3.023	0.102	3.227	0.067	3.420	0.043	3.601												
20	0.178	2.914	0.131	3.109	0.092	3.297	0.061	3.474	0.038	3.639										
21	0.212	2.817	0.162	3.004	0.119	3.185	0.084	3.358	0.055	3.521	0.035	3.671								
22	0.246	2.729	0.194	2.909	0.148	3.084	0.109	3.252	0.077	3.412	0.050	3.562	0.032	3.700						
23	0.281	2.651	0.227	2.822	0.178	2.991	0.136	3.155	0.100	3.311	0.070	3.459	0.046	3.597	0.029	3.725				
24	0.315	2.580	0.260	2.744	0.209	2.906	0.165	3.065	0.125	3.218	0.092	3.363	0.065	3.501	0.043	3.629	0.027	3.747		
25	0.348	2.517	0.292	2.674	0.240	2.829	0.194	2.982	0.152	3.131	0.116	3.274	0.085	3.410	0.060	3.538	0.039	3.657	0.025	3.766
26	0.381	2.460	0.324	2.610	0.272	2.758	0.224	2.906	0.180	3.050	0.141	3.191	0.107	3.325	0.079	3.452	0.055	3.572	0.036	3.682
27	0.413	2.409	0.356	2.552	0.303	2.694	0.253	2.836	0.208	2.976	0.167	3.113	0.131	3.245	0.100	3.371	0.073	3.490	0.051	3.602
28	0.444	2.363	0.387	2.499	0.333	2.635	0.283	2.772	0.237	2.907	0.194	3.040	0.156	3.169	0.122	3.294	0.093	3.412	0.068	3.524
29	0.474	2.321	0.417	2.451	0.363	2.582	0.313	2.713	0.266	2.843	0.222	2.972	0.182	3.098	0.146	3.220	0.114	3.338	0.087	3.450
30	0.503	2.283	0.447	2.407	0.393	2.533	0.342	2.659	0.294	2.785	0.249	2.909	0.208	3.032	0.171	3.152	0.137	3.267	0.107	3.379
31	0.531	2.248	0.475	2.367	0.422	2.487	0.371	2.609	0.322	2.730	0.277	2.851	0.234	2.970	0.193	3.087	0.160	3.201	0.128	3.311
32	0.558	2.216	0.503	2.330	0.450	2.446	0.399	2.563	0.350	2.680	0.304	2.797	0.261	2.912	0.221	3.026	0.184	3.137	0.151	3.246
33	0.585	2.187	0.530	2.296	0.477	2.408	0.426	2.520	0.377	2.633	0.331	2.746	0.287	2.858	0.246	2.969	0.209	3.078	0.174	3.184
34	0.610	2.160	0.556	2.266	0.503	2.373	0.452	2.481	0.404	2.590	0.357	2.699	0.313	2.808	0.272	2.915	0.233	3.022	0.197	3.126
35	0.634	2.136	0.581	2.237	0.529	2.340	0.478	2.444	0.430	2.550	0.383	2.655	0.339	2.761	0.297	2.865	0.257	2.969	0.221	3.071
36	0.658	2.113	0.605	2.210	0.554	2.310	0.504	2.410	0.455	2.512	0.409	2.614	0.364	2.717	0.322	2.818	0.282	2.919	0.244	3.019
37	0.680	2.092	0.628	2.186	0.578	2.282	0.528	2.379	0.480	2.477	0.434	2.576	0.389	2.675	0.347	2.774	0.306	2.872	0.268	2.969
38	0.702	2.073	0.651	2.164	0.601	2.256	0.552	2.350	0.504	2.445	0.458	2.540	0.414	2.637	0.371	2.733	0.330	2.828	0.291	2.923
39	0.723	2.055	0.673	2.143	0.623	2.232	0.575	2.323	0.528	2.414	0.482	2.507	0.438	2.600	0.395	2.694	0.354	2.787	0.315	2.879
40	0.744	2.039	0.694	2.123	0.645	2.210	0.597	2.297	0.551	2.386	0.505	2.476	0.461	2.566	0.418	2.657	0.377	2.748	0.338	2.838
45	0.835	1.972	0.790	2.044	0.744	2.118	0.700	2.193	0.655	2.269	0.612	2.346	0.570	2.424	0.528	2.503	0.488	2.582	0.448	2.661
50	0.913	1.925	0.871	1.987	0.829	2.051	0.787	2.116	0.746	2.182	0.705	2.250	0.665	2.318	0.625	2.387	0.586	2.456	0.548	2.526
55	0.979	1.891	0.940	1.945	0.902	2.002	0.863	2.059	0.825	2.117	0.786	2.176	0.748	2.237	0.711	2.298	0.674	2.359	0.637	2.421
60	1.037	1.865	1.001	1.914	0.965	1.964	0.929	2.015	0.893	2.067	0.857	2.120	0.822	2.173	0.786	2.227	0.751	2.283	0.716	2.338
65	1.087	1.845	1.053	1.889	1.020	1.934	0.986	1.980	0.953	2.027	0.919	2.075	0.886	2.123	0.852	2.172	0.819	2.221	0.789	2.272
70	1.131	1.831	1.099	1.870	1.068	1.911	1.037	1.953	1.005	1.995	0.974	2.038	0.943	2.082	0.911	2.127	0.880	2.172	0.849	2.217
75	1.170	1.819	1.141	1.856	1.111	1.893	1.082	1.931	1.052	1.970	1.023	2.009	0.993	2.049	0.964	2.090	0.934	2.131	0.905	2.172
80	1.205	1.810	1.177	1.844	1.150	1.878	1.122	1.913	1.094	1.949	1.066	1.984	1.039	2.022	1.011	2.059	0.983	2.097	0.955	2.135
85	1.236	1.803	1.210	1.834	1.184	1.866	1.158	1.898	1.132	1.931	1.106	1.965	1.080	1.999	1.053	2.033	1.027	2.068	1.000	2.104
90	1.264	1.798	1.240	1.827	1.215	1.856	1.191	1.886	1.166	1.917	1.141	1.948	1.116	1.979	1.091	2.012	1.066	2.044	1.041	2.077
95	1.290	1.793	1.267	1.821	1.244	1.848	1.221	1.876	1.197	1.905	1.174	1.943	1.150	1.963	1.126	1.993	1.102	2.023	1.079	2.054
100	1.314	1.790	1.292	1.816	1.270	1.841	1.248	1.868	1.225	1.895	1.203	1.922	1.181	1.949	1.158	1.977	1.136	2.006	1.113	2.034
150	1.473	1.783	1.458	1.799	1.444	1.814	1.429	1.830	1.414	1.847	1.400	1.863	1.385	1.880	1.370	1.897	1.355	1.913	1.340	1.931
	1.561	1.791	1.550	1.801	1.539	1.813	1.528	1.824	1.518	1.836	1.507	1.847	1.495	1.860	1.484	1.871	1.474	1.883	1.462	1.896
	*k'is	the nu	mber c	of regre	essors	exclud	ing the	e interc	cept											

Appendix A

Table A-2 Models with an intercept (from Savin and White)

Durbin-Watson Statistic: 5 Per Cent Significance Points of dL and dU k'*=1 k'=2 k'=5 k'=9 k'=10 k'=3k'=4 k'=6 k'=7 k'=8 dL dU dL dU dU dU dU dU dL dU dL dU dL dU dL dU n dL dL dL dL 0.610 1 400 0.700 1.356 0.467 1.896 0.763 1.332 2.287 0.629 2.128 0.296 2.588 0.824 1.320 1.699 0.455 10 0.879 1.320 0.697 1.641 0.525 2.016 0.376 2.414 0.243 2.822 11 0.927 1 324 0.758 1 604 0.595 1 928 0 444 2 283 0.315 2 645 0.203 3 004 0.658 1.864 2.506 0.268 12 0.971 1.331 0.812 1.579 0.512 0.380 2 832 0.171 3.149 2 177 0.715 0.444 0.328 2.692 0.767 0.505 2.296 2.572 1.350 0.905 1.551 1.779 0.632 2.030 0.389 0.286 2.848 0.200 3.111 0.127 3.360 14 1.045 15 1.077 1.361 0.946 1.543 0.814 1.750 0.685 1.977 0.562 2.220 0.447 2.471 0.343 2.727 0.251 2.979 0.175 3.216 0.111 3.438 16 1 106 1 371 0.982 1 539 0.857 1 728 0.734 1 935 0.615 2 157 0.502 2 388 0.398 2 624 0.304 2.860 0.222 3.090 0.155 3 304 0.554 2.537 2.975 1.381 1.536 0.897 1.710 1.900 0.664 2.104 0.451 0.356 2.757 17 1.133 1.015 0.779 2.318 0.272 0.198 1.696 1.872 0.710 0.502 2.461 2.668 2.396 2.589 19 1.401 1.074 0.967 1.848 0.752 2.023 0.649 2.206 0.549 0.456 0.369 2.783 0.290 2.974 1.180 1.536 1.685 0.859 20 1.201 1.411 1.100 1.537 0.998 1.676 0.894 1.828 0.792 1.991 0.691 2.162 0.595 2.339 0.502 2.521 0.416 2.704 0.336 2.885 21 1 221 1.420 1 125 1 538 1.026 1 669 0.927 1.812 0.829 1 964 0.731 2.124 0.637 2 290 0.546 2 461 0.461 2 633 0.380 2 806 1.239 1.429 1.541 0.504 22 0.958 0.863 1.940 2.246 0.588 2.407 2.571 1.147 1.053 1.664 1.797 0.769 2.090 0.677 0.424 2.735 23 1.257 1.437 1.168 1.078 1.660 1.785 0.895 1.920 2.208 2.318 24 1.273 1.446 0.925 0.837 2.035 2.174 2.464 0.506 1.188 1.546 1.101 1.656 1.013 1.775 1.902 0.750 0.666 0.584 2.613 25 1.288 1.454 1.206 1.550 1.123 1.654 1.038 1.767 0.953 1.886 0.868 2.013 0.784 2.144 0.702 2.280 0.621 2.419 0.544 2.560 26 1 302 1.461 1 224 1 553 1 143 1.652 1.062 1 759 0.979 1 873 0.897 1 992 0.816 2 117 0.735 2 246 0.657 2 3 7 9 0.581 2 513 1.084 0.925 27 1.316 1.469 1.240 1.556 1.162 1.651 1.753 1.004 1.861 1.974 0.845 2.093 0.767 2.216 0.691 2.342 0.616 2.470 28 1.328 1.476 1.255 1.560 1.181 1.650 1.104 1.028 1.850 0.951 1.959 0.874 2.071 2.188 0.723 0.649 2.278 29 0.975 2.164 2.396 1.341 1.483 1.270 1.563 1.198 1.650 1.124 1.743 1.050 1.841 1.944 0.900 2.052 0.826 0.753 0.681 30 1.352 1.489 1.284 1.567 1.214 1.650 1.143 1.739 1.071 1.833 0.998 1.931 0.926 2.034 0.854 2.141 0.782 2.251 0.712 2.363 31 1.363 1 496 1 297 1 570 1 229 1.650 1.160 1 735 1.090 1 825 1.020 1.920 0.950 2.018 0.879 2 120 0.810 2 226 0.741 2 333 32 1.373 1.502 1.309 1.574 1.244 1.650 1.177 1.732 1.109 1.819 1.041 1.909 0.972 2.004 0.904 2.102 0.836 2.203 0.769 33 1.383 1.508 1.321 1.577 1.258 1.651 1.193 1.730 1.127 1.900 1.991 2.085 0.861 2.181 2.281 1.813 1.061 1.271 2.069 34 1.393 1.514 1.580 1.652 1.208 1.728 1.079 1.891 1.015 0.950 2.162 0.821 2.257 1.333 1.144 1.808 1.978 0.885 35 1 402 1 519 1 343 1 584 1 283 1 653 1 222 1 726 1 160 1.803 1.097 1 884 1 034 1 967 0.971 2.054 0.908 2 144 0.845 2 236 36 1.411 1.525 1.354 1.587 1 295 1.654 1.236 1.724 1.175 1 799 1.114 1.876 1.053 1 957 0.991 2.041 0.930 2.127 0.868 2.216 37 1.419 1.530 1.364 1.590 1.307 1.655 1.249 1.723 1.190 1.795 1.131 1.071 1.948 2.029 0.951 2.112 0.891 2.197 38 1.427 1.535 1.373 1.594 1.318 1.656 1.261 1.722 1.204 1.792 1.146 1.864 1.088 1.939 1.029 2.017 0.970 2.098 0.912 2.180 39 1.435 1.540 1.597 1.273 1.722 1.218 1.932 1.047 2.007 2.085 0.932 2.164 1.382 1.328 1.658 1.789 1.161 1.859 1.104 0.990 40 1 442 1 544 1 391 1 600 1 338 1 659 1 285 1 721 1 230 1 786 1 175 1 854 1.120 1 924 1.064 1 997 1.008 2 072 0.952 2 149 45 1.475 1.566 1.430 1.615 1.383 1.666 1.336 1.720 1.287 1.776 1 238 1.835 1.189 1.895 1.139 1 958 1.089 2.022 1.038 2.088 50 1.503 1.585 1.462 1.628 1.421 1.674 1.378 1.721 1.335 1.291 1.822 1.875 1.201 1.930 1.986 2.044 55 1.528 1.601 1.641 1.452 1.681 1.414 1.724 1.374 1.334 1.814 1.294 1.861 1.253 1.909 1.212 1.170 2.010 1.490 1.768 60 1.549 1.616 1.514 1.652 1.480 1.689 1.444 1.727 1.408 1.767 1.372 1.808 1.335 1.850 1.298 1.894 1.260 1.939 1.222 1.984 65 1 567 1 629 1 536 1.662 1 503 1 696 1 471 1 731 1 438 1.767 1 404 1.805 1 370 1 843 1 336 1.882 1 301 1 923 1 266 1 964 1.433 70 1.583 1.641 1 554 1.672 1 525 1 703 1 494 1 735 1 464 1.802 1.401 1 838 1 369 1 874 1.337 1 910 1 305 1 948 1 768 1.598 1.652 1.680 1.709 1.487 1.770 1.458 1.801 1.834 1.399 1.901 80 1.611 1.662 1.688 1.715 1.534 1.743 1.507 1.772 1.480 1.801 1.453 1.831 1.425 1.861 1.397 1.893 1.369 1.925 1.586 1.560 85 1.624 1.671 1.600 1.696 1.575 1.721 1.550 1.747 1.525 1.774 1.500 1.801 1.474 1.829 1.448 1.857 1.422 1.886 1.396 1.916 90 1 635 1 679 1.612 1 703 1 589 1 726 1 566 1 751 1 542 1 776 1 518 1.801 1 494 1 827 1 469 1 854 1 445 1 881 1 420 1 909 95 1.645 1.687 1 709 1.602 1 732 1.579 1 755 1.557 1 778 1 535 1.802 1.512 1 827 1 489 1.852 1.465 1 877 1 442 1.903 1.623 100 1.654 1.694 1.571 1.550 150 1.720 1.747 1.706 1.693 1.774 1.679 1.788 1.802 1.651 1.817 1.637 1.832 1.622 1.846 1.877 1.760 1.665 1.608 1.862 1.593

1.799

1.728

1.809

1.718

1.820

1.707

1.831

1.697

1.841

1.686

1.852 1.675 1.863

1.665 1.874

1.789

200 1.758

1.779

1.748

^{1.738} *k' is the number of regressors excluding the intercept

	k'*=11		k'=12		k'=13		k'=14		k'=15		k'=16		k'=17		k'=18		k'=19		k'=20	
n	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
16	0.098	3.503																		
17	0.138	3.378	0.087	3.557																
18	0.177	3.265	0.123	3.441	0.078	3.603														
19	0.220	3.159	0.160	3.335	0.111	3.496	0.070	3.642												
20	0.263	3.063	0.200	3.234	0.145	3.395	0.100	3.542	0.063	3.676										
21	0.307	2.976	0.240	3.141	0.182	3.300	0.132	3.448	0.091	3.583	0.058	3.705								
22	0.349	2.897	0.281	3.057	0.220	3.211	0.166	3.358	0.120	3.495	0.083	3.619	0.052	3.731						
23	0.391	2.826	0.322	2.979	0.259	3.128	0.202	3.272	0.153	3.409	0.110	3.535	0.076	3.650	0.048	3.753				
24	0.431	2.761	0.362	2.908	0.297	3.053	0.239	3.193	0.186	3.327	0.141	3.454	0.101	3.572	0.070	3.678	0.044	3.773		
25	0.470	2.702	0.400	2.844	0.335	2.983	0.275	3.119	0.221	3.251	0.172	3.376	0.130	3.494	0.094	3.604	0.065	3.702	0.041	3.790
26	0.508	2.649	0.438	2.784	0.373	2.919	0.312	3.051	0.256	3.179	0.205	3.303	0.160	3.420	0.120	3.531	0.087	3.632	0.060	3.724
27	0.544	2.600	0.475	2.730	0.409	2.859	0.348	2.987	0.291	3.112	0.238	3.233	0.191	3.349	0.149	3.460	0.112	3.563	0.081	3.658
28	0.578	2.555	0.510	2.680	0.445	2.805	0.383	2.928	0.325	3.050	0.271	3.168	0.222	3.283	0.178	3.392	0.138	3.495	0.104	3.592
29	0.612	2.515	0.544	2.634	0.479	2.755	0.418	2.874	0.359	2.992	0.305	3.107	0.254	3.219	0.208	3.327	0.166	3.431	0.129	3.528
30	0.643	2.477	0.577	2.592	0.512	2.708	0.451	2.823	0.392	2.937	0.337	3.050	0.286	3.160	0.238	3.266	0.195	3.368	0.156	3.465
31	0.674	2.443	0.608	2.553	0.545	2.665	0.484	2.776	0.425	2.887	0.370	2.996	0.317	3.103	0.269	3.208	0.224	3.309	0.183	3.406
32	0.703	2.411	0.638	2.517	0.576	2.625	0.515	2.733	0.457	2.840	0.401	2.946	0.349	3.050	0.299	3.153	0.253	3.252	0.211	3.348
33	0.731	2.382	0.668	2.484	0.606	2.588	0.546	2.692	0.488	2.796	0.432	2.899	0.379	3.000	0.329	3.100	0.283	3.198	0.239	3.293
34	0.758	2.355	0.695	2.454	0.634	2.554	0.575	2.654	0.518	2.754	0.462	2.854	0.409	2.954	0.359	3.051	0.312	3.147	0.267	3.240
35	0.783	2.330	0.722	2.425	0.662	2.521	0.604	2.619	0.547	2.716	0.492	2.813	0.439	2.910	0.388	3.005	0.340	3.099	0.295	3.190
36	0.808	2.306	0.748	2.398	0.689	2.492	0.631	2.586	0.575	2.680	0.520	2.774	0.467	2.868	0.417	2.961	0.369	3.053	0.323	3.142
37	0.831	2.285	0.772	2.374	0.714	2.464	0.657	2.555	0.602	2.646	0.548	2.738	0.495	2.829	0.445	2.920	0.397	3.009	0.351	3.097
38	0.854	2.265	0.796	2.351	0.739	2.438	0.683	2.526	0.628	2.614	0.575	2.703	0.522	2.792	0.472	2.880	0.424	2.968	0.378	3.054
39	0.875	2.246	0.819	2.329	0.763	2.413	0.707	2.499	0.653	2.585	0.600	2.671	0.549	2.757	0.499	2.843	0.451	2.929	0.404	3.013
40	0.896	2.228	0.840	2.309	0.785	2.391	0.731	2.473	0.678	2.557	0.626	2.641	0.575	2.724	0.525	2.808	0.477	2.829	0.430	2.974
45	0.988	2.156	0.938	2.225	0.887	2.296	0.838	2.367	0.788	2.439	0.740	2.512	0.692	2.586	0.644	2.659	0.598	2.733	0.553	2.807
50	1.064	2.103	1.019	2.163	0.973	2.225	0.927	2.287	0.882	2.350	0.836	2.414	0.792	2.479	0.747	2.544	0.703	2.610	0.660	2.675
55	1.129	2.062	1.087	2.116	1.045	2.170	1.003	2.225	0.961	2.281	0.919	2.338	0.877	2.396	0.836	2.454	0.795	2.512	0.754	2.571
60	1.184	2.031	1.145	2.079	1.106	2.127	1.068	2.177	1.029	2.227	0.990	2.278	0.951	2.330	0.913	2.382	0.874	2.434	0.836	2.487
65	1.231	2.006	1.195	2.049	1.160	2.093	1.124	2.138	1.088	2.183	1.052	2.229	1.016	2.276	0.980	2.323	0.944	2.371	0.908	2.419
70	1.272	1.987	1.239	2.026	1.206	2.066	1.172	2.106	1.139	2.148	1.105	2.189	1.072	2.232	1.038	2.275	1.005	2.318	0.971	2.362
75	1.308	1.970	1.277	2.006	1.247	2.043	1.215	2.080	1.184	2.118	1.153	2.156	1.121	2.195	1.090	2.235	1.058	2.275	1.027	2.315
80	1.340	1.957	1.311	1.991	1.283	2.024	1.253	2.059	1.224	2.093	1.195	2.129	1.165	2.165	1.136	2.201	1.106	2.238	1.076	2.275
85	1.369	1.946	1.342	1.977	1.315	2.009	1.287	2.040	1.260	2.073	1.232	2.105	1.205	2.139	1.177	2.172	1.149	2.206	1.121	2.241
90	1.395	1.937	1.369	1.966	1.344	1.995	1.318	2.025	1.292	2.055	1.266	2.085	1.240	2.116	1.213	2.148	1.187	2.179	1.160	2.211
95	1.418	1.930	1.394	1.956	1.370	1.984	1.345	2.012	1.321	2.040	1.296	2.068	1.271	2.097	1.247	2.126	1.222	2.156	1.197	2.186
100	1.439	1.923	1.416	1.948	1.393	1.974	1.371	2.000	1.347	2.026	1.324	2.053	1.301	2.080	1.277	2.108	1.253	2.135	1.229	2.164
150	1.579	1.892	1.564	1.908	1.550	1.924	1.535	1.940	1.519	1.956	1.504	1.972	1.489	1.989	1.474	2.006	1.458	2.023	1.443	2.040
200	1.654	1.885	1.643	1.896	1.632	1.908	1.621	1.919	1.610	1.931	1.599	1.943	1.588	1.955	1.576	1.967	1.565	1.979	1.554	1.991
	*K'is	the nu	umber	of regi	essors	exclu	ding th	e inter	cept											