2010-06-20

K_ν left half

Df (ν)	Each table entry is the value (y) of the random variable $Y \sim K_\nu$ such that $\Pr(Y \le y)$ = the probability given in the column heading																		
	0.000 001	0.000 005	0.000 01	0.000 05	0.000 1	0.000 5	0.001	***0.005***	0.01	***0.025***	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50	
1	.0^{5}125 331	.0^{5}626 657	.0^{4}125 331	.0^{4}626 657	.0^{3}125 331	.0^{3}626 657	.00125 331	*.00626 661*	.0125 335	*.0313 380*	.0627 068	.125 661	.189 118	.253 347	.318 639	.385 320	.524 401	.674 490	1
2	.00100 000	.00223 607	.00316 229	.00707 116	.0100 003	.0223 635	.0316 307	*.0707 993*	*.100 251*	.159 116	.226 480	.324 593	.403 136	.472 381	.536 360	.597 223	.714 721	.832 555	
3	.00897 794	.0153 528	.0193 441	.0330 851	.0416 927	.0713 652	.0899 955	*.154 620*	.195 646	*.268 201*	.342 465	.441 352	.515 678	.578 842	.635 750	.688 876	.789 339	.888 064	
4	.0265 978	.0397 845	.0473 224	.0708 290	.0842 889	.126 414	.150 669	*.227 480*	.272 539	*.348 001*	.421 522	.515 661	.584 482	.642 023	.693 282	.740 726	.829 585	.916 064	
5	.0507 861	.0701 297	.0806 032	.111 446	.128 201	.177 841	.205 043	*.286 964*	.332 956	*.407 728*	.478 639	.567 505	.631 477	.684 476	.731 383	.774 585	.855 044	.932 894	5
6	.0780 049	.102 170	.114 800	.150 655	.169 486	.223 386	.252 014	*.335 591*	.381 246	*.454 119*	.522 076	.606 098	.665 992	.715 319	.758 793	.798 702	.872 750	.944 115	
7	.105 913	.133 636	.147 774	.186 919	.207 008	.263 188	.292 402	*.375 929*	.420 721	*.491 335*	.556 436	.636 184	.692 643	.738 949	.779 638	.816 904	.885 860	.952 126	
8	.133 222	.163 494	.178 661	.219 908	.240 726	.297 989	.327 320	*.409 941*	.453 665	*.521 983*	.584 448	.660 449	.713 985	.757 758	.796 134	.831 221	.896 008	.958 131	
9	.159 299	.191 366	.207 219	.249 761	.270 967	.328 583	.357 763	*.439 056*	.481 652	*.547 762*	.607 830	.680 536	.731 553	.773 165	.809 583	.842 833	.904 128	.962 799	
10	.183 882	.217 191	.233 489	.276 775	.298 148	.355 666	.384 544	*.464 312*	.505 788	*.569 822*	.627 718	.697 509	.746 328	.786 071	.820 805	.852 480	.910 795	.966 531	10
11	.206 908	.241 053	.257 624	.301 281	.322 673	.379 814	.408 306	*.486 474*	.526 868	*.588 970*	.644 897	.712 089	.758 973	.797 078	.830 342	.860 648	.916 380	.969 583	
12	.228 412	.263 098	.279 821	.323 588	.344 903	.401 495	.429 555	*.506 115*	.545 479	*.605 791*	.659 926	.724 787	.769 948	.806 604	.838 571	.867 673	.921 139	.972 125	
13	.248 479	.283 488	.300 275	.343 973	.365 147	.421 084	.448 692	*.523 673*	.562 065	*.620 716*	.673 216	.735 972	.779 587	.814 950	.845 762	.873 793	.925 250	.974 275	
14	.267 213	.302 384	.319 171	.362 676	.383 666	.438 889	.466 037	*.539 489*	.576 964	*.634 076*	.685 077	.745 919	.788 140	.822 337	.852 111	.879 183	.928 843	.976 117	
15	.284 722	.319 935	.336 678	.379 901	.400 682	.455 157	.481 850	*.553 830*	.590 443	*.646 124*	.695 746	.754 840	.795 792	.828 933	.857 770	.883 975	.932 014	.977 714	15
16	.301 112	.336 278	.352 943	.395 826	.416 379	.470 094	.496 338	*.566 911*	.602 713	*.657 061*	.705 410	.762 899	.802 692	.834 870	.862 852	.888 269	.934 837	.979 110	
17	.316 481	.351 533	.368 097	.410 598	.430 914	.483 868	.509 677	*.578 904*	.613 944	*.667 047*	.714 215	.770 225	.808 952	.840 247	.867 448	.892 145	.937 370	.980 342	
18	.330 919	.365 808	.382 254	.424 347	.444 420	.496 621	.522 007	*.589 953*	.624 273	*.676 213*	.722 282	.776 922	.814 666	.845 148	.871 630	.895 664	.939 657	.981 436	
19	.344 510	.379 198	.395 513	.437 181	.457 011	.508 472	.533 450	*.600 174*	.633 816	*.684 663*	.729 708	.783 075	.819 908	.849 637	.875 455	.898 878	.941 735	.982 415	
20	.357 326	.391 787	.407 963	.449 197	.468 784	.519 522	.544 107	*.609 666*	.642 666	*.692 487*	.736 574	.788 752	.824 738	.853 769	.878 970	.901 827	.943 632	.983 296	20
21	.369 434	.403 647	.419 679	.460 475	.479 822	.529 856	.554 062	*.618 510*	.650 904	*.699 758*	.742 945	.794 013	.829 208	.857 588	.882 215	.904 546	.945 372	.984 093	
22	.380 894	.414 845	.430 730	.471 087	.490 198	.539 548	.563 389	*.626 778*	.658 597	*.706 538*	.748 878	.798 905	.833 360	.861 131	.885 223	.907 061	.946 976	.984 818	
23	.391 759	.425 439	.441 174	.481 095	.499 974	.548 661	.572 152	*.634 529*	.665 802	*.712 880*	.754 422	.803 470	.837 229	.864 430	.888 019	.909 397	.948 459	.985 479	
24	.402 076	.435 478	.451 063	.490 554	.509 207	.557 251	.580 405	*.641 815*	.672 569	*.718 829*	.759 617	.807 741	.840 847	.867 511	.890 628	.911 574	.949 835	.986 085	
25	.411 890	.445 010	.460 445	.499 512	.517 943	.565 366	.588 195	*.648 680*	.678 940	*.724 423*	.764 497	.811 749	.844 238	.870 397	.893 070	.913 609	.951 117	.986 643	25
26	.421 237	.454 074	.469 361	.508 011	.526 227	.573 047	.595 565	*.655 164*	.684 952	*.729 697*	.769 094	.815 520	.847 426	.873 107	.895 361	.915 516	.952 314	.987 157	
27	.430 154	.462 707	.477 847	.516 088	.534 094	.580 332	.602 549	*.661 300*	.690 639	*.734 680*	.773 434	.819 076	.850 429	.875 658	.897 515	.917 308	.953 434	.987 634	
28	.438 671	.470 942	.485 937	.523 777	.541 580	.587 254	.609 182	*.667 119*	.696 027	*.739 398*	.777 539	.822 436	.853 265	.878 065	.899 547	.918 995	.954 487	.988 076	
29	.446 816	.478 807	.493 660	.531 109	.548 713	.593 841	.615 491	*.672 647*	.701 143	*.743 873*	.781 430	.825 619	.855 949	.880 342	.901 466	.920 588	.955 477	.988 488	
30	.454 617	.486 330	.501 043	.538 109	.555 521	.600 121	.621 502	*.677 907*	.706 009	*.748 126*	.785 125	.828 638	.858 494	.882 499	.903 283	.922 095	.956 410	.988 872	30
32	.469 273	.500 442	.514 882	.551 211	.568 252	.611 847	.632 719	*.687 705*	.715 066	*.756 033*	.791 989	.834 240	.863 210	.886 492	.906 644	.924 878	.958 128	.989 568	
34	.482 801	.513 443	.527 621	.563 248	.579 940	.622 591	.642 987	*.696 657*	.723 333	*.763 241*	.798 239	.839 332	.867 491	.890 113	.909 688	.927 394	.959 673	.990 183	
36	.495 338	.525 470	.539 398	.574 357	.590 719	.632 483	.652 434	*.704 878*	.730 918	*.769 846*	.803 959	.843 987	.871 401	.893 417	.912 461	.929 684	.961 071	.990 729	
38	.506 999	.536 640	.550 328	.584 651	.600 702	.641 629	.661 163	*.712 463*	.737 910	*.775 929*	.809 222	.848 264	.874 990	.896 445	.915 000	.931 777	.962 344	.991 217	
40	.517 880	.547 049	.560 507	.594 226	.609 981	.650 120	.669 261	*.719 488*	.744 383	*.781 554*	.814 084	.852 211	.878 298	.899 235	.917 337	.933 701	.963 509	.991 657	40
42	.528 064	.556 780	.570 018	.603 162	.618 635	.658 029	.676 801	*.726 021*	.750 398	*.786 776*	.818 594	.855 868	.881 362	.901 816	.919 497	.935 478	.964 580	.992 055	
44	.537 622	.565 902	.578 931	.611 526	.626 733	.665 421	.683 844	*.732 115*	.756 007	*.791 640*	.822 793	.859 269	.884 208	.904 212	.921 500	.937 123	.965 568	.992 416	
46	.546 616	.574 478	.587 305	.619 377	.634 331	.672 349	.690 443	*.737 819*	.761 252	*.796 187*	.826 714	.862 443	.886 862	.906 444	.923 365	.938 654	.966 484	.992 746	
48	.555 099	.582 559	.595 194	.626 766	.641 478	.678 861	.696 642	*.743 172*	.766 173	*.800 449*	.830 387	.865 413	.889 344	.908 530	.925 106	.940 081	.967 336	.993 049	
50	.563 117	.590 191	.602 642	.633 736	.648 218	.684 996	.702 480	*.748 208*	.770 801	*.804 455*	.833 838	.868 201	.891 672	.910 486	.926 737	.941 417	.968 130	.993 327	50
55	.581 388	.607 559	.619 581	.649 568	.663 519	.698 905	.715 708	*.759 602*	.781 263	*.813 501*	.841 622	.874 483	.896 912	.914 883	.930 400	.944 413	.969 902	.993 934	
60	.597 519	.622 868	.634 502	.663 491	.676 965	.711 108	.727 305	*.769 572*	.790 410	*.821 399*	.848 410	.879 952	.901 468	.918 700	.933 576	.947 005	.971 425	.994 440	
65	.611 897	.636 496	.647 776	.675 861	.688 904	.721 927	.737 580	*.778 392*	.798 495	*.828 372*	.854 397	.884 768	.905 475	.922 054	.936 362	.949 276	.972 751	.994 868	
70	.624 819	.648 730	.659 686	.686 948	.699 599	.731 607	.746 768	*.786 268*	.805 709	*.834 588*	.859 728	.889 052	.909 036	.925 031	.938 832	.951 285	.973 918	.995 235	
75	.636 516	.659 793	.670 453	.696 959	.709 252	.740 335	.755 048	*.793 356*	.812 199	*.840 174*	.864 516	.892 895	.912 227	.927 696	.941 040	.953 080	.974 955	.995 553	75
80	.647 170	.669 861	.680 247	.706 058	.718 022	.748 257	.762 560	*.799 781*	.818 078	*.845 231*	.868 846	.896 367	.915 108	.930 100	.943 030	.954 695	.975 884	.995 831	
85	.656 928	.679 076	.689 208	.714 376	.726 037	.755 490	.769 417	*.805 639*	.823 436	*.849 836*	.872 787	.899 524	.917 725	.932 283	.944 836	.956 158	.976 722	.996 076	
90	.665 910	.687 551	.697 448	.722 020	.733 400	.762 130	.775 709	*.811 010*	.828 346	*.854 053*	.876 394	.902 411	.920 117	.934 276	.946 483	.957 491	.977 483	.996 294	
95	.674 213	.695 382	.705 058	.729 075	.740 194	.768 253	.781 510	*.815 957*	.832 867	*.857 934*	.879 712	.905 064	.922 314	.936 105	.947 993	.958 713	.978 178	.996 489	
99	.680 422	.701 234	.710 746	.734 345	.745 267	.772 822	.785 837	*.819 646*	.836 237	*.860 826*	.882 182	.907 039	.923 948	.937 465	.949 116	.959 620	.978 692	.996 631	99
100	.681 919	.702 645	.712 116	.735 615	.746 489	.773 923	.786 880	*.820 534*	.837 048	*.861 521*	.882 777	.907 514	.924 341	.937 792	.949 385	.959 838	.978 815	.996 665	100
125	.713 563	.732 434	.741 045	.762 382	.772 243	.797 084	.808 800	*.839 185*	.854 072	*.876 108*	.895224	.917 445	.932 547	.944 610	.955 002	.964 367	.981 360	.997 332	
150	.737 250	.754 694	.762 647	.782 334	.791 424	.814 301	.825 079	*.853 004*	.866 670	*.886 884*	.904 403	.924 752	.938 572	.949 605	.959 107	.967 667	.983 191	.997 777	
200	.770 950	.786 312	.793 309	.810 606	.818 583	.838 631	.848 065	*.872 471*	.884 398	*.902 020*	.917 275	.934 974	.946 982	.956 564	.964 810	.972 236	.985 696	.998 333	
250	.794 239	.808 131	.814 453	.830 072	.837 268	.855 341	.863 838	*.885 800*	.896 524	*.912 355*	.926 049	.941 926	.952 690	.961 276	.968 663	.975 312	.987 360	.998 666	250
	Superscripts in the first line of table entries give the number of leading zeros.							99% CI		95% CI	90% CI								

K_ν left half