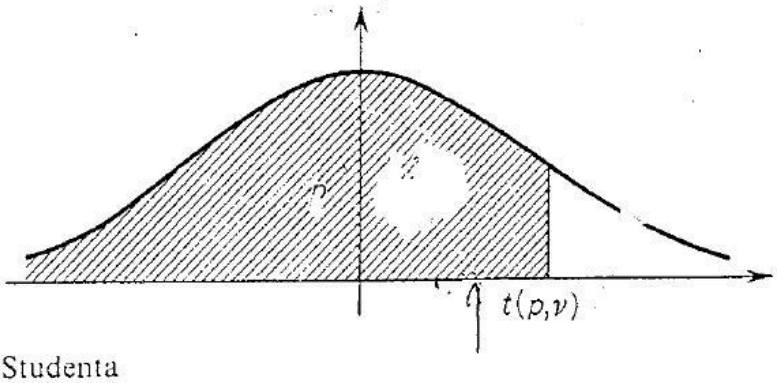
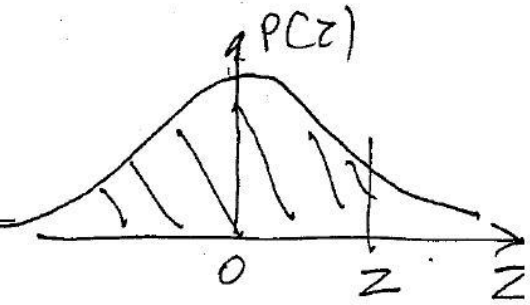


Tablica 7. Kwantyle $t(p, \nu)$ rzędu p rozkładu Studenta o ν stopniach swobody

ν	p				
	0,90	0,95	0,975	0,99	0,995
1	3,078	6,314	12,706	31,821	63,657
2	1,886	2,920	4,303	6,965	9,925
3	,638	,353	3,182	4,541	5,841
4	,533	,132	2,776	3,747	4,604
5	,476	,015	,571	,365	,032
6	1,440	1,943	2,447	3,143	3,707
7	,415	,895	,365	2,998	,499
8	,397	,859	,306	,897	,355
9	,383	,833	,262	,821	,250
10	,372	,812	,228	,764	,169
11	1,363	1,795	2,201	2,718	3,106
12	,356	,782	,179	,681	,054
13	,350	,771	,160	,650	,012
14	,345	,761	,145	,624	2,977
15	,341	,753	,131	,602	,947
16	1,337	1,746	2,120	2,583	2,921
17	,333	,740	,110	,567	,898
18	,330	,734	,101	,552	,878
19	,328	,729	,093	,539	,861
20	,325	,725	,086	,528	,845
21	1,323	1,721	2,080	2,518	2,831
22	,321	,717	,074	,508	,819
23	,319	,714	,069	,500	,807
24	,318	,711	,064	,492	,797
25	,316	,708	,060	,485	,787
26	1,315	1,706	2,055	2,479	2,779
27	,314	,703	,052	,473	,771
28	,312	,701	,048	,467	,763
29	,311	,699	,045	,462	,756
30	,310	,697	,042	,457	,750
31	1,309	1,695	2,039	2,453	2,744
32	,309	,694	,037	,449	,738
33	,308	,692	,034	,445	,733
34	,307	,691	,032	,441	,728
35	,306	,690	,030	,438	,724

Tablica 7 (cd.)

ν	p				
	0,90	0,95	0,975	0,99	0,995
36	1,305	1,688	2,028	2,434	2,720
37	,305	,687	,025	,431	,715
38	,304	,686	,024	,429	,712
39	,304	,685	,023	,425	,708
40	,303	,684	,021	,423	,704
41	1,303	1,683	2,019	2,421	2,701
42	,302	,682	,018	,418	,698
43	,302	,681	,017	,416	,695
44	,301	,680	,015	,414	,692
45	,301	,679	,014	,412	,690
46	1.300	1,679	2,013	2,410	2,687
47	,300	,678	,012	,408	,685
48	,299	,677	,011	,407	,682
49	,299	,677	,010	,405	,680
50	,299	,676	,009	,403	,678
55	1,297	1,673	2,004	2,396	2,668
60	,295	,671	,000	,390	,660
65	,295	,669	1,997	,385	,654
70	,294	,667	,994	,381	648
75	,293	,665	,992	,377	,643
80	1,292	1,664	1,990	2,374	2,639
90	,291	,662	,987	,369	632
100	,290	,660	,984	,364	,626
120	,289	,658	,980	,358	,617
150	,287	,655	,976	,351	,609
200	1,286	1,653	1,972	2,345	2,601
300	,284	,650	,968	,339	,592
500	,283	,648	,965	,334	,586
1000	,282	,646	,962	,330	,581
∞	,282	,645	,960	,326	,576



Tablica 5. Dystrybuanta rozkładu normalnego $N(0, 1)$

$$\Phi(x)=\frac{1}{\sqrt{2\pi}}\int_{-\infty}^{x}\exp\left(-\tfrac{1}{2}u^2\right)du$$

x	0,00	0,01	0,02	0,03	0,04	0,05	0,06	0,07	0,08	0,09
0,0	0,5000	0,5040	0,5080	0,5120	0,5160	0,5199	0,5239	0,5279	0,5319	0,5359
0,1	,5398	,5438	,5478	,5517	,5557	,5596	,5636	,5675	,5714	,5753
0,2	,5793	,5832	,5861	,5910	,5948	,5987	,6026	,6064	,6103	,6141
0,3	,6179	,6217	,6255	,6293	,6331	,6368	,6406	,6443	,6480	,6517
0,4	,6554	,6591	,6628	,6664	,6700	,6736	,6772	,6808	,6844	,6879
0,5	0,6915	0,6950	0,6985	0,7019	0,7054	0,7088	0,7123	0,7157	0,7190	0,7224
0,6	,7257	,7291	,7324	,7357	,7389	,7422	,7454	,7486	,7517	,7549
0,7	,7580	,7611	,7642	,7673	,7703	,7734	,7764	,7794	,7823	,7852
0,8	,7881	,7910	,7939	,7967	,7995	,8023	,8051	,8078	,8106	,8133
0,9	,8159	,8186	,8212	,8238	,8264	,8289	,8315	,8340	,8365	,8389
1,0	0,8413	0,8438	0,8461	0,8485	0,8508	0,8531	0,8554	0,8577	0,8599	0,8621
1,1	,8643	,8665	,8686	,8708	,8729	,8749	,8770	,8790	,8810	,8830
1,2	,8849	,8869	,8888	,8907	,8925	,8944	,8962	,8980	,8997	,90147
1,3	,90320	,90490	,90658	,90824	,90988	,91149	,91309	,91466	,91621	,91774
1,4	,91924	,92073	,92220	,92354	,92507	,92647	,92785	,92922	,93056	,93189
1,5	0,93319	0,93448	0,93574	0,93699	0,93822	0,93943	0,94062	0,94179	0,94295	0,94408
1,6	,94520	,94630	,94738	,94845	,94950	,95053	,95154	,95254	,95352	,95449
1,7	,95543	,95637	,95728	,95818	,95907	,95994	,96080	,96164	,96246	,96327
1,8	,96407	,96485	,96562	,96638	,96712	,96784	,96856	,96926	,96995	,97062
1,9	,97128	,97193	,97257	,97320	,97381	,97441	,97500	,97558	,97615	,97670
2,0	0,97725	0,97778	0,97831	0,97882	0,97932	0,97982	0,98030	0,98077	0,98124	0,98169
2,1	,98214	,98257	,98300	,98341	,98382	,98422	,98461	,98500	,98537	,98574
2,2	,98610	,98645	,98679	,98713	,98745	,98778	,98809	,98840	,98870	,98899
2,3	,98928	,98956	,98983	,$9^2$0097	,$9^2$0358	,$9^2$0613	,$9^2$0863	,$9^2$1106	,$9^2$1344	,$9^2$1576
2,4	,$9^2$1802	,$9^2$2024	,$9^2$2240	,$9^2$2451	,$9^2$2656	,$9^2$2857	,$9^2$3053	,$9^2$3244	,$9^2$3431	,$9^2$3613
2,5	0,$9^2$3790	0,$9^2$3963	0,$9^2$4132	0,$9^2$4297	0,$9^2$4457	0,$9^2$4614	0,$9^2$4766	0,$9^2$4915	0,$9^2$5060	0,$9^2$5201
2,6	,$9^2$5339	,$9^2$5473	,$9^2$5604	,$9^2$5731	,$9^2$5844	,$9^2$5975	,$9^2$6093	,$9^2$6207	,$9^2$6319	,$9^2$6427
2,7	,$9^2$6533	,$9^2$6636	,$9^2$6736	,$9^2$6833	,$9^2$6928	,$9^2$7020	,$9^2$7110	,$9^2$7197	,$9^2$7282	,$9^2$7365
2,8	,$9^2$7445	,$9^2$7523	,$9^2$7599	,$9^2$7673	,$9^2$7744	,$9^2$7814	,$9^2$7882	,$9^2$7948	,$9^2$8012	,$9^2$8074
2,9	,$9^2$8134	,$9^2$8193	,$9^2$8250	,$9^2$8305	,$9^2$8359	,$9^2$8411	,$9^2$8462	,$9^2$8511	,$9^2$8559	,$9^2$8605
3,0	0,$9^2$8650	0,$9^2$8694	0,$9^2$8736	0,$9^2$8777	0,$9^2$8817	0,$9^2$8856	0,$9^2$8893	0,$9^2$8930	0,$9^2$8965	0,$9^2$8999
3,1	,$9^3$0324	,$9^3$0646	,$9^3$0957	,$9^3$1260	,$9^3$1553	,$9^3$1836	,$9^3$2112	,$9^3$2378	,$9^3$2636	,$9^3$2886
3,2	,$9^3$3129	,$9^3$3363	,$9^3$3590	,$9^3$3810	,$9^3$4002	,$9^3$4230	,$9^3$4429	,$9^3$4623	,$9^3$4810	,$9^3$4991
3,3	,$9^3$5166	,$9^3$5335	,$9^3$5499	,$9^3$5658	,$9^3$5811	,$9^3$5959	,$9^3$6103	,$9^3$6242	,$9^3$6376	,$9^3$6505
3,4	,$9^3$6631	,$9^3$6752	,$9^3$6869	,$9^3$6982	,$9^3$7091	,$9^3$7197	,$9^3$7299	,$9^3$7398	,$9^3$7493	,$9^3$7585