

## Distribuição t-Student: valores tc tais que $P(-tc \leq t \leq tc) = 1 - p$

Graus de Liberdade

p ►	90%	80%	70%	60%	50%	40%	30%	20%	10%	8%	6%	5%	4%	2%	1%	0,2%	0,1%
1	0,158	0,325	0,510	0,727	1,000	1,376	1,963	3,078	6,314	7,916	10,579	12,706	15,895	31,821	63,657	318,309	636,619
2	0,142	0,289	0,445	0,617	0,816	1,061	1,386	1,886	2,920	3,320	3,896	4,303	4,849	6,965	9,925	22,327	31,599
3	0,137	0,277	0,424	0,584	0,765	0,978	1,250	1,638	2,353	2,605	2,951	3,182	3,482	4,541	5,841	10,215	12,924
4	0,134	0,271	0,414	0,569	0,741	0,941	1,190	1,533	2,132	2,333	2,601	2,776	2,999	3,747	4,604	7,173	8,610
5	0,132	0,267	0,408	0,559	0,727	0,920	1,156	1,476	2,015	2,191	2,422	2,571	2,757	3,365	4,032	5,893	6,869
6	0,131	0,265	0,404	0,553	0,718	0,906	1,134	1,440	1,943	2,104	2,313	2,447	2,612	3,143	3,707	5,208	5,959
7	0,130	0,263	0,402	0,549	0,711	0,896	1,119	1,415	1,895	2,046	2,241	2,365	2,517	2,998	3,499	4,785	5,408
8	0,130	0,262	0,399	0,546	0,706	0,889	1,108	1,397	1,860	2,004	2,189	2,306	2,449	2,896	3,355	4,501	5,041
9	0,129	0,261	0,398	0,543	0,703	0,883	1,100	1,383	1,833	1,973	2,150	2,262	2,398	2,821	3,250	4,297	4,781
10	0,129	0,260	0,397	0,542	0,700	0,879	1,093	1,372	1,812	1,948	2,120	2,228	2,359	2,764	3,169	4,144	4,587
11	0,129	0,260	0,396	0,540	0,697	0,876	1,088	1,363	1,796	1,928	2,096	2,201	2,328	2,718	3,106	4,025	4,437
12	0,128	0,259	0,395	0,539	0,695	0,873	1,083	1,356	1,782	1,912	2,076	2,179	2,303	2,681	3,055	3,930	4,318
13	0,128	0,259	0,394	0,538	0,694	0,870	1,079	1,350	1,771	1,899	2,060	2,160	2,282	2,650	3,012	3,852	4,221
14	0,128	0,258	0,393	0,537	0,692	0,868	1,076	1,345	1,761	1,887	2,046	2,145	2,264	2,624	2,977	3,787	4,140
15	0,128	0,258	0,393	0,536	0,691	0,866	1,074	1,341	1,753	1,878	2,034	2,131	2,249	2,602	2,947	3,733	4,073
16	0,128	0,258	0,392	0,535	0,690	0,865	1,071	1,337	1,746	1,869	2,024	2,120	2,235	2,583	2,921	3,686	4,015
17	0,128	0,257	0,392	0,534	0,689	0,863	1,069	1,333	1,740	1,862	2,015	2,110	2,224	2,567	2,898	3,646	3,965
18	0,127	0,257	0,392	0,534	0,688	0,862	1,067	1,330	1,734	1,855	2,007	2,101	2,214	2,552	2,878	3,610	3,922
19	0,127	0,257	0,391	0,533	0,688	0,861	1,066	1,328	1,729	1,850	2,000	2,093	2,205	2,539	2,861	3,579	3,883
20	0,127	0,257	0,391	0,533	0,687	0,860	1,064	1,325	1,725	1,844	1,994	2,086	2,197	2,528	2,845	3,552	3,850
21	0,127	0,257	0,391	0,532	0,686	0,859	1,063	1,323	1,721	1,840	1,988	2,080	2,189	2,518	2,831	3,527	3,819
22	0,127	0,256	0,390	0,532	0,686	0,858	1,061	1,321	1,717	1,835	1,983	2,074	2,183	2,508	2,819	3,505	3,792
23	0,127	0,256	0,390	0,532	0,685	0,858	1,060	1,319	1,714	1,832	1,978	2,069	2,177	2,500	2,807	3,485	3,768
24	0,127	0,256	0,390	0,531	0,685	0,857	1,059	1,318	1,711	1,828	1,974	2,064	2,172	2,492	2,797	3,467	3,745
25	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,316	1,708	1,825	1,970	2,060	2,167	2,485	2,787	3,450	3,725
26	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,315	1,706	1,822	1,967	2,056	2,162	2,479	2,779	3,435	3,707
27	0,127	0,256	0,389	0,531	0,684	0,855	1,057	1,314	1,703	1,819	1,963	2,052	2,158	2,473	2,771	3,421	3,690
28	0,127	0,256	0,389	0,530	0,683	0,855	1,056	1,313	1,701	1,817	1,960	2,048	2,154	2,467	2,763	3,408	3,674
29	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,311	1,699	1,814	1,957	2,045	2,150	2,462	2,756	3,396	3,659
30	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,310	1,697	1,812	1,955	2,042	2,147	2,457	2,750	3,385	3,646
31	0,127	0,256	0,389	0,530	0,682	0,853	1,054	1,309	1,696	1,810	1,952	2,040	2,144	2,453	2,744	3,375	3,633
32	0,127	0,255	0,389	0,530	0,682	0,853	1,054	1,309	1,694	1,808	1,950	2,037	2,141	2,449	2,738	3,365	3,622
33	0,127	0,255	0,389	0,530	0,682	0,853	1,053	1,308	1,692	1,806	1,948	2,035	2,138	2,445	2,733	3,356	3,611
34	0,127	0,255	0,389	0,529	0,682	0,852	1,052	1,307	1,691	1,805	1,946	2,032	2,136	2,441	2,728	3,348	3,601
35	0,127	0,255	0,388	0,529	0,682	0,852	1,052	1,306	1,690	1,803	1,944	2,030	2,133	2,438	2,724	3,340	3,591
36	0,127	0,255	0,388	0,529	0,681	0,852	1,052	1,306	1,688	1,802	1,942	2,028	2,131	2,434	2,719	3,333	3,582
37	0,127	0,255	0,388	0,529	0,681	0,851	1,051	1,305	1,687	1,800	1,940	2,026	2,129	2,431	2,715	3,326	3,574
38	0,127	0,255	0,388	0,529	0,681	0,851	1,051	1,304	1,686	1,799	1,939	2,024	2,127	2,429	2,712	3,319	3,566
39	0,126	0,255	0,388	0,529	0,681	0,851	1,050	1,304	1,685	1,798	1,937	2,023	2,125	2,426	2,708	3,313	3,558
40	0,126	0,255	0,388	0,529	0,681	0,851	1,050	1,303	1,684	1,796	1,936	2,021	2,123	2,423	2,704	3,307	3,551
45	0,126	0,255	0,388	0,528	0,680	0,850	1,049	1,301	1,679	1,791	1,929	2,014	2,115	2,412	2,690	3,281	3,520
50	0,126	0,255	0,388	0,528	0,679	0,849	1,047	1,299	1,676	1,787	1,924	2,009	2,109	2,403	2,678	3,261	3,496
55	0,126	0,255	0,387	0,527	0,679	0,848	1,046	1,297	1,673	1,784	1,920	2,004	2,104	2,396	2,668	3,245	3,476
60	0,126	0,254	0,387	0,527	0,679	0,848	1,045	1,296	1,671	1,781	1,917	2,000	2,099	2,390	2,660	3,232	3,460
70	0,126	0,254	0,387	0,527	0,678	0,847	1,044	1,294	1,667	1,776	1,912	1,994	2,093	2,381	2,648	3,211	3,435
80	0,126	0,254	0,387	0,526	0,678	0,846	1,043	1,292	1,664	1,773	1,908	1,990	2,088	2,374	2,639	3,195	3,416
90	0,126	0,254	0,387	0,526	0,677	0,846	1,042	1,291	1,662	1,771	1,905	1,987	2,084	2,368	2,632	3,183	3,402
100	0,126	0,254	0,386	0,526	0,677	0,845	1,042	1,290	1,660	1,769	1,902	1,984	2,081	2,364	2,626	3,174	3,390
110	0,126	0,254	0,386	0,526	0,677	0,845	1,041	1,289	1,659	1,767	1,900	1,982	2,078	2,361	2,621	3,166	3,381
120	0,126	0,254	0,386	0,526	0,677	0,845	1,041	1,289	1,658	1,766	1,899	1,980	2,076	2,358	2,617	3,160	3,373
∞	0,126	0,253	0,385	0,524	0,674	0,842	1,036	1,282	1,645	1,751	1,881	1,960	2,054	2,326	2,576	3,090	3,291