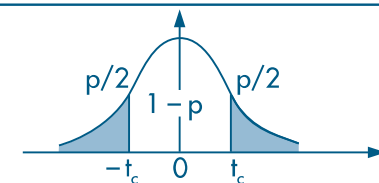


**Tabela V** — Distribuição *t* de Student  
 Corpo da tabela dá os valores  $t_c$  tais que  $P(-t_c < t < t_c) = 1 - p$ .  
 Para  $v > 120$ , usar a aproximação normal.



Graus de liberdade $v$	Tabela V — Distribuição <i>t</i> de Student															Graus de liberdade $v$
	p = 90%	80%	70%	60%	50%	40%	30%	20%	10%	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	12,706	15,894	31,821	63,657	318,309	636,619	1
2	0,142	0,289	0,445	0,617	0,816	1,061	1,386	1,886	2,920	4,303	4,849	6,965	9,925	22,327	31,598	2
3	0,137	0,277	0,424	0,584	0,765	0,978	1,250	1,638	2,353	3,182	3,482	4,541	5,841	10,214	12,924	3
4	0,134	0,271	0,414	0,569	0,741	0,941	1,190	1,533	2,132	2,776	2,998	3,747	4,604	7,173	8,610	4
5	0,132	0,267	0,408	0,559	0,727	0,920	1,156	1,476	2,015	2,571	2,756	3,365	4,032	5,893	6,869	5
6	0,131	0,265	0,404	0,553	0,718	0,906	1,134	1,440	1,943	2,447	2,612	3,143	3,707	5,208	5,959	6
7	0,130	0,263	0,402	0,549	0,711	0,896	1,119	1,415	1,895	2,365	2,517	2,998	3,499	4,785	5,408	7
8	0,130	0,262	0,399	0,546	0,706	0,889	1,108	1,397	1,860	2,306	2,449	2,896	3,355	4,501	5,041	8
9	0,129	0,261	0,398	0,543	0,703	0,883	1,100	1,383	1,833	2,262	2,398	2,821	3,250	4,297	4,781	9
10	0,129	0,260	0,397	0,542	0,700	0,879	1,093	1,372	1,812	2,228	2,359	2,764	3,169	4,144	4,587	10
11	0,129	0,260	0,396	0,540	0,697	0,876	1,088	1,363	1,796	2,201	2,328	2,718	3,106	3,025	4,437	11
12	0,128	0,259	0,395	0,539	0,695	0,873	1,083	1,356	1,782	2,179	2,303	2,681	3,055	3,930	4,318	12
13	0,128	0,259	0,394	0,538	0,694	0,870	1,079	1,350	1,771	2,160	2,282	2,650	3,012	3,852	4,221	13
14	0,128	0,258	0,393	0,537	0,692	0,868	1,076	1,345	1,761	2,145	2,264	2,624	2,977	3,787	4,140	14
15	0,128	0,258	0,393	0,536	0,691	0,866	1,074	1,341	1,753	2,131	2,248	2,602	2,947	3,733	4,073	15
16	0,128	0,258	0,392	0,535	0,690	0,865	1,071	1,337	1,746	2,120	2,235	2,583	2,921	3,686	4,015	16
17	0,128	0,257	0,392	0,534	0,689	0,863	1,069	1,333	1,740	2,110	2,224	2,567	2,898	3,646	3,965	17
18	0,127	0,257	0,392	0,534	0,688	0,862	1,067	1,330	1,734	2,101	2,214	2,552	2,878	3,610	3,922	18
19	0,127	0,257	0,391	0,533	0,688	0,861	1,066	1,328	1,729	2,093	2,205	2,539	2,861	3,579	3,883	19
20	0,127	0,257	0,391	0,533	0,687	0,860	1,064	1,325	1,725	2,086	2,197	2,528	2,845	3,552	3,850	20
21	0,127	0,257	0,391	0,532	0,686	0,859	1,063	1,323	1,721	2,080	2,189	2,518	2,831	3,527	3,819	21
22	0,127	0,256	0,390	0,532	0,686	0,858	1,061	1,321	1,717	2,074	2,183	2,508	2,819	3,505	3,792	22
23	0,127	0,256	0,390	0,532	0,685	0,858	1,060	1,319	1,714	2,069	2,177	2,500	2,807	3,485	3,768	23
24	0,127	0,256	0,390	0,531	0,685	0,857	1,059	1,318	1,711	2,064	2,172	2,492	2,797	3,467	3,745	24
25	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,316	1,708	2,060	2,166	2,485	2,787	3,450	3,725	25
26	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,315	1,706	2,056	2,162	2,479	2,779	3,435	3,707	26
27	0,127	0,256	0,389	0,531	0,684	0,855	1,057	1,314	1,703	2,052	2,158	2,473	2,771	3,421	3,690	27
28	0,127	0,256	0,389	0,530	0,684	0,855	1,056	1,313	1,701	2,048	2,154	2,467	2,763	3,408	3,674	28
29	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,311	1,699	2,045	2,150	2,462	2,756	3,396	3,659	29
30	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,310	1,697	2,042	2,147	2,457	2,750	3,385	3,646	30
35	0,126	0,255	0,388	0,529	0,682	0,852	1,052	1,306	1,690	2,030	2,133	2,438	2,724	3,340	3,591	35
40	0,126	0,255	0,388	0,529	0,681	0,851	1,050	1,303	1,684	2,021	2,123	2,423	2,704	3,307	3,551	40
50	0,126	0,254	0,387	0,528	0,679	0,849	1,047	1,299	1,676	2,009	2,109	2,403	2,678	3,261	3,496	50
60	0,126	0,254	0,387	0,527	0,679	0,848	1,045	1,296	1,671	2,000	2,099	2,390	2,660	3,232	3,460	60
120	0,126	0,254	0,386	0,526	0,677	0,845	1,041	1,289	1,658	1,980	2,076	2,358	2,617	3,160	3,373	120
$\infty$	0,126	0,253	0,385	0,524	0,674	0,842	1,036	1,282	1,645	1,960	2,054	2,326	2,576	3,090	3,291	$\infty$
	p = 90%	80%	70%	60%	50%	40%	30%	20%	10%	5%	4%	2%	1%	0,2%	0,1%	