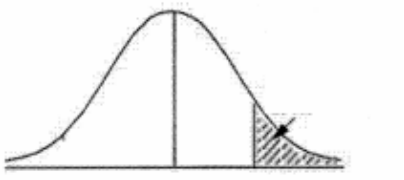
Théorie des tests statistiques

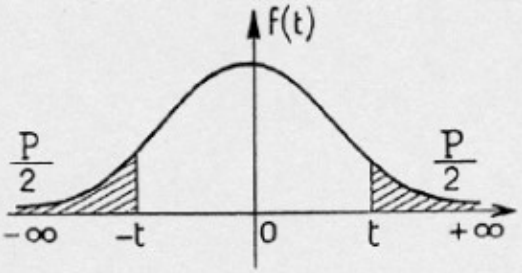
Annexe - Extrait de la loi de Student – Test unilatéral

Test unilatéral de Student au risque α *avec* ddl degré de liberté



ddl / α	30,00%	25,00%	20,00%	15,00%	10,00%	5,00%	2,50%	1,00%	0,50%	0,10%	0,05%
1	0,727	1,000	1,376	1,963	3,078	6,314	12,706	31,821	63,657	318,309	636,619
2	0,617	0,816	1,061	1,386	1,886	2,920	4,303	6,965	9,925	22,327	31,599
3	0,584	0,765	0,978	1,250	1,638	2,353	3,182	4,541	5,841	10,215	12,924
4	0,569	0,741	0,941	1,190	1,533	2,132	2,776	3,747	4,604	7,173	8,610
5	0,559	0,727	0,920	1,156	1,476	2,015	2,571	3,365	4,032	5,983	6,869
6	0,553	0,178	0,906	1,134	1,440	1,943	2,447	3,143	3,707	5,208	5,959
7	0,549	0,711	0,896	1,119	1,415	1,895	2,365	2,998	3,499	4,785	5,408
8	0,546	0,706	0,889	1,108	1,397	1,860	2,306	2,896	3,355	4,501	5,041
9	0,543	0,703	0,883	1,100	1,383	1,833	2,262	2,821	3,250	4,297	4,781
10	0,542	0,700	0,879	1,093	1,372	1,812	2,228	2,764	3,169	4,144	4,587
11	0,540	0,697	0,876	1,088	1,363	1,796	2,201	2,718	3,106	4,025	4,437
12	0,539	0,695	0,873	1,083	1,356	1,782	2,179	2,681	3,055	3,930	4,318
13	0,538	0,694	0,870	1,079	1,350	1,771	2,160	2,650	3,012	3,852	4,221
14	0,537	0,692	0,868	1,076	1,345	1,761	2,145	2,624	2,977	3,787	4,140
15	0,536	0,691	0,866	1,074	1,341	1,753	2,131	2,602	2,947	3,733	4,073
16	0,535	0,690	0,865	1,071	1,337	1,746	2,120	2,583	2,921	3,686	4,015
17	0,534	0,689	0,863	1,069	1,333	1,740	2,110	2,567	2,898	3,646	3,965
18	0,534	0,688	0,862	1,067	1,330	1,734	2,101	2,552	2,878	3,610	3,922
19	0,533	0,688	0,861	1,066	1,328	1,729	2,093	2,539	2,861	3,579	3,883
20	0,533	0,687	0,860	1,064	1,325	1,725	2,086	2,528	2,845	3,552	3,850
21	0,532	0,686	0,859	1,063	1,323	1,721	2,080	2,518	2,831	3,527	3,819
22	0,532	0,686	0,858	1,061	1,321	1,717	2,074	2,508	2,819	3,505	3,792
23	0,532	0,685	0,858	1,060	1,319	1,714	2,069	2,500	2,807	3,485	3,768
24	0,531	0,685	0,857	1,059	1,318	1,711	2,064	2,492	2,797	3,467	3,745
25	0,531	0,684	0,856	1,058	1,316	1,708	2,060	2,485	2,787	3,450	3,725

Annexe - Extrait de la loi de Student – Test bilatéral



ν \ P	0,90	0,80	0,70	0,60	0,50	0,40	0,30	0,20	0,10	0,05	0,02	0,01	0,001
1	0,158	0,325	0,510	0,727	1,000	1,376	1,963	3,078	6,314	12,706	31,821	63,657	636,619
2	0,142	0,289	0,445	0,617	0,816	1,061	1,386	1,886	2,920	4,303	6,965	9,925	31,598
3	0,137	0,277	0,424	0,584	0,765	0,978	1,250	1,638	2,353	3,182	4,541	5,841	12,929
4	0,134	0,271	0,414	0,569	0,741	0,941	1,190	1,533	2,132	2,776	3,747	4,604	8,610
5	0,132	0,267	0,408	0,559	0,727	0,920	1,156	1,476	2,015	2,571	3,365	4,032	6,869
6	0,131	0,265	0,404	0,553	0,718	0,906	1,134	1,440	1,943	2,447	3,143	3,707	5,959
7	0,130	0,263	0,402	0,549	0,711	0,896	1,119	1,415	1,895	2,365	2,998	3,499	5,408
8	0,130	0,262	0,399	0,546	0,706	0,889	1,108	1,397	1,860	2,306	2,896	3,355	5,041
9	0,129	0,261	0,398	0,543	0,703	0,883	1,100	1,383	1,833	2,262	2,821	3,250	4,781
10	0,129	0,260	0,397	0,542	0,700	0,879	1,093	1,372	1,812	2,228	2,764	3,169	4,587
11	0,129	0,260	0,396	0,540	0,697	0,876	1,088	1,363	1,796	2,201	2,718	3,106	4,437
12	0,128	0,259	0,395	0,539	0,695	0,873	1,083	1,356	1,782	2,179	2,681	3,055	4,318
13	0,128	0,259	0,394	0,538	0,694	0,870	1,079	1,350	1,771	2,160	2,650	3,012	4,221
14	0,128	0,258	0,393	0,537	0,692	0,868	1,076	1,345	1,761	2,145	2,624	2,977	4,140
15	0,128	0,258	0,393	0,536	0,691	0,866	1,074	1,341	1,753	2,131	2,602	2,947	4,073
16	0,128	0,258	0,392	0,535	0,690	0,865	1,071	1,337	1,746	2,120	2,583	2,921	4,015
17	0,128	0,257	0,392	0,534	0,689	0,863	1,069	1,333	1,740	2,110	2,567	2,898	3,965
18	0,127	0,257	0,392	0,534	0,688	0,862	1,067	1,330	1,734	2,101	2,552	2,878	3,922
19	0,127	0,257	0,391	0,533	0,688	0,861	1,066	1,328	1,729	2,093	2,539	2,861	3,883
20	0,127	0,257	0,391	0,533	0,687	0,860	1,064	1,325	1,725	2,086	2,528	2,845	3,850
21	0,127	0,257	0,391	0,532	0,686	0,859	1,063	1,323	1,721	2,080	2,518	2,831	3,819
22	0,127	0,256	0,390	0,532	0,686	0,858	1,061	1,321	1,717	2,074	2,508	2,819	3,792
23	0,127	0,256	0,390	0,532	0,685	0,858	1,060	1,319	1,714	2,069	2,500	2,807	3,767
24	0,127	0,256	0,390	0,531	0,685	0,857	1,059	1,318	1,711	2,064	2,492	2,797	3,745
25	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,316	1,708	2,060	2,485	2,787	3,725
26	0,127	0,256	0,390	0,531	0,684	0,856	1,058	1,315	1,706	2,056	2,479	2,779	3,707
27	0,127	0,256	0,389	0,531	0,684	0,855	1,057	1,314	1,703	2,052	2,473	2,771	3,690
28	0,127	0,256	0,389	0,530	0,683	0,855	1,056	1,313	1,701	2,048	2,467	2,763	3,674
29	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,311	1,699	2,045	2,462	2,756	3,659
30	0,127	0,256	0,389	0,530	0,683	0,854	1,055	1,310	1,697	2,042	2,457	2,750	3,646
40	0,126	0,255	0,388	0,529	0,681	0,851	1,050	1,303	1,684	2,021	2,423	2,704	3,551
80	0,126	0,254	0,387	0,527	0,679	0,848	1,046	1,296	1,671	2,000	2,390	2,660	3,460
120	0,126	0,254	0,386	0,526	0,677	0,845	1,041	1,289	1,658	1,980	2,358	2,617	3,373
∞	0,126	0,253	0,385	0,524	0,674	0,842	1,036	1,282	1,645	1,960	2,326	2,576	3,291