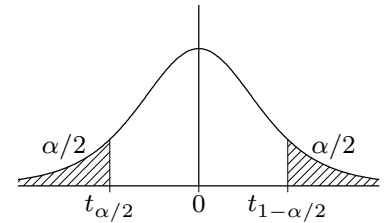


A.3. LOIS DE STUDENT

Si T est une variable aléatoire suivant la loi de Student à ν degrés de liberté, la table donne, pour α fixé, la valeur $t_{1-\alpha/2}$ telle que

$$\mathbb{P}\{|T| \geq t_{1-\alpha/2}\} = \alpha.$$

Ainsi, $t_{1-\alpha/2}$ est le quantile d'ordre $1 - \alpha/2$ de la loi de Student à ν degrés de liberté.



$\nu \backslash \alpha$	0,900	0,500	0,300	0,200	0,100	0,050	0,020	0,010	0,001
1	0,1584	1,0000	1,9626	3,0777	6,3138	12,7062	31,8205	63,6567	636,6193
2	0,1421	0,8165	1,3862	1,8856	2,9200	4,3027	6,9646	9,9248	31,5991
3	0,1366	0,7649	1,2498	1,6377	2,3534	3,1824	4,5407	5,8409	12,9240
4	0,1338	0,7407	1,1896	1,5332	2,1318	2,7764	3,7469	4,6041	8,6103
5	0,1322	0,7267	1,1558	1,4759	2,0150	2,5706	3,3649	4,0321	6,8688
6	0,1311	0,7176	1,1342	1,4398	1,9432	2,4469	3,1427	3,7074	5,9588
7	0,1303	0,7111	1,1192	1,4149	1,8946	2,3646	2,9980	3,4995	5,4079
8	0,1297	0,7064	1,1081	1,3968	1,8595	2,3060	2,8965	3,3554	5,0413
9	0,1293	0,7027	1,0997	1,3830	1,8331	2,2622	2,8214	3,2498	4,7809
10	0,1289	0,6998	1,0931	1,3722	1,8125	2,2281	2,7638	3,1693	4,5869
11	0,1286	0,6974	1,0877	1,3634	1,7959	2,2010	2,7181	3,1058	4,4370
12	0,1283	0,6955	1,0832	1,3562	1,7823	2,1788	2,6810	3,0545	4,3178
13	0,1281	0,6938	1,0795	1,3502	1,7709	2,1604	2,6503	3,0123	4,2208
14	0,1280	0,6924	1,0763	1,3450	1,7613	2,1448	2,6245	2,9768	4,1405
15	0,1278	0,6912	1,0735	1,3406	1,7531	2,1314	2,6025	2,9467	4,0728
16	0,1277	0,6901	1,0711	1,3368	1,7459	2,1199	2,5835	2,9208	4,0150
17	0,1276	0,6892	1,0690	1,3334	1,7396	2,1098	2,5669	2,8982	3,9651
18	0,1274	0,6884	1,0672	1,3304	1,7341	2,1009	2,5524	2,8784	3,9216
19	0,1274	0,6876	1,0655	1,3277	1,7291	2,0930	2,5395	2,8609	3,8834
20	0,1273	0,6870	1,0640	1,3253	1,7247	2,0860	2,5280	2,8453	3,8495
21	0,1272	0,6864	1,0627	1,3232	1,7207	2,0796	2,5176	2,8314	3,8193
22	0,1271	0,6858	1,0614	1,3212	1,7171	2,0739	2,5083	2,8188	3,7921
23	0,1271	0,6853	1,0603	1,3195	1,7139	2,0687	2,4999	2,8073	3,7676
24	0,1270	0,6848	1,0593	1,3178	1,7109	2,0639	2,4922	2,7969	3,7454
25	0,1269	0,6844	1,0584	1,3163	1,7081	2,0595	2,4851	2,7874	3,7251
26	0,1269	0,6840	1,0575	1,3150	1,7056	2,0555	2,4786	2,7787	3,7066
27	0,1268	0,6837	1,0567	1,3137	1,7033	2,0518	2,4727	2,7707	3,6896
28	0,1268	0,6834	1,0560	1,3125	1,7011	2,0484	2,4671	2,7633	3,6739
29	0,1268	0,6830	1,0553	1,3114	1,6991	2,0452	2,4620	2,7564	3,6594
30	0,1267	0,6828	1,0547	1,3104	1,6973	2,0423	2,4573	2,7500	3,6460
40	0,1265	0,6807	1,0500	1,3031	1,6839	2,0211	2,4233	2,7045	3,5510
60	0,1262	0,6786	1,0455	1,2958	1,6706	2,0003	2,3901	2,6603	3,4602
80	0,1261	0,6776	1,0432	1,2922	1,6641	1,9901	2,3739	2,6387	3,4163
120	0,1259	0,6765	1,0409	1,2886	1,6577	1,9799	2,3578	2,6174	3,3735
∞	0,1257	0,6745	1,0364	1,2816	1,6449	1,9600	2,3263	2,5758	3,2905

Lorsque $\nu = \infty$, $t_{1-\alpha/2}$ est le quantile d'ordre $1 - \alpha/2$ de la loi normale $\mathcal{N}(0, 1)$.