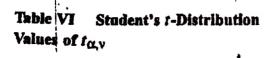
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Table V Standard normal distribution

	z	.00	.01	.02	.03	.04	,05	.06	.07	.08	.09
0	.0	.0000	.0040	.0080	.0120	.0160	.0199	.0239	.0279	.0319	.0359
0	.1	.0398	.0438	.0478	.0517	.0557	.0596	.0636	.0675	.0714	.0753
0.	.2	.0793	.0832	.0871	.0910	.0948	.0987	.1026	.1064	.1103	.1141
0.	3	.1179	:1217	.1255	.1293	.1331	.1368	.1406	.1443	.1480	.1517
0.	4	.1554	.1591	.1628	.1664	.1700	.1736	.1772	.1808	.1844	.1879
0.	5	.1915	.1950	.1985	.2019	.2054	.2088	.2123	.2157	.2190	.2224
0.	6	.2257	.2291 🐣	.2324	.2357	.2389	.2422	.2454	.2486	.2517	.2549
0.	7	.2580	.2611	.2642	.2673	.2704	.2734	.2764	.2794	.2823	.2852
0.	8	.2881	.2910	.2939	.2967	.2995	.3023	.3051	.3078	.3106	.3133
0	.9	.3159	.3186	.3212	.3238	.3264	.3289	.3315	.3340	.3365	.3389
1	.0	.3413	.3438	.3461	.3485	.3508	.3531	.3554	.3577	.3599	.3621
1	.1	.3643	.3665	.3686	.3708	.3729	.3749	.3770	.3790	.3810	.3830
1	1.2	.3849	.3869	.3888	.3907	.3925	.3944	.3962	.3980	.3997	.4015
	1.3	.4032	.4049	.4066	.4082	,4099	.4115	.4131	.4147	.4162	.4177
	1.4	.4192	.4207	.4222	.4236	.4251	.4265	.4279	.4292	.4306	.4319
	1.5	.4332	.4345	.4357	.4370	.4382	.4394	.4406	.4418	.4429	.4441
				= *							
	1.6	.4452	.4463	.4474	.4484	.4495	.4505	.4515	.4525	.4535	.4545
	1.7	.4554	.4564	.4573	.4582	.4591	.4599	.4608	.4616	.4625	.4633
	1.8	.4641	.4649	.4656	.4664	.4671	.4678	.4686	.4693	.4699	.4706
• 3	1.9	.4713	.4719	.4726	.4732	.4738	.4744	.4750	.4756	.4761	.4767
	2.0	.4772	.4778	.4783	.4788	.4793	.4798	.4803	.4808	.4812	.4817
									i e		
	2.1	.4821	.4826	.4830	.4834	.4838	.4842	.4846	.4850	.4854	.4857
	2.2	.4861	.4864	.4868	.4871	.4875	.4878	.4881	.4884	.4887	.4890
	2.3	.4893	.4896	.4898	.4901	.4904	.4906	.4909	.4911	.4913	.4916
	2.4	.4918	.4920	.4922	.4925	.4927	.4929	.4931	.4932	.4934	.4936
	2.5	.4938	.4940	.4941	.4943	.4945	.4946	.4948	.4949	.4951	.4952
							•				
	2.6	.4953	.4955	.4956	.4957	.4959	.4960	.4961	.4962	.4963	.4964
	2.7	.4965	.4966	.4967	.4968	.4969	.4970	.4971	.4972	.4973	,4974
	2.8	.4974	.4975	.4976	.4977	.4977	.4978	.4979	.4979	.4980	.4981
	2.9	.4981	.4982	.4982	.4983	.4984	.4984	.4985	.4985	.4986	.4986
-	3.0	.4987	.4987	.4987	.4988	.4988	.4989	.4989	.4989	.4990	.4990

Also, for z = 4.0, 5.0 and 6.0, the probabilities are 0.49997, 0.49999997 and 0.499999999.



		2=0.05	of=0.025	The same and a	
P.	α=.10	(=U3)	6=0.25	$\alpha = .01\%$	
1	3.078	6.314	12.706	31. 821	TO AND STOP
2	1.886	2.920	4.303	6.965	
3	1.638	2.353	3.182	4.541	1331
4	1.533	2.132·	2.776	3.747	4.604
5	1.476	2.015	2.571	3:365	4.032
6	1.440	1.943	2.447	3.143	3.707
7	1.415	1.895	2,365	2.99 8	3.499
8	1.397	1.860	2.306	2.896	3.355
9	1.383	1.833	2.262	2.821	3.250
10	1.372	1.812	2.228	2.764	3.169
11	1.363	1.796	2.201	2.718	3.106
12	1.356	1.782	2.179	2.681	3.055
13	1.350	1.771	2.160	2.650	3.012
14	1.345	1.761	2.145	2.624	2.977
15	1.341	1.753	2.131	2.602	2.947
16	1.337	1.746	2.120	2.583	2.921
17	1.333	1.740	2.110	2.567	2.898
18	1.330	1.734	2.101	2,552	2.878
19	1.328	1.729	2.093	2.539	2.861
20	1.325	1.725	2.086	2.528	2.845
21	1.323	1.721	2.080	2.518	2.831
22	1.321	1.717	2.074	2.508	2.819
23	1.319	1.714	2.069	2.500	2.807
24	1.318	1.711	2.064	2,492	2.797
25	1.316	1.708	2.060	2.485	2.787
26	1.315	1.706	2.056	2.479	2.779
27	1.314	1.703	2.052	2.473	2.771
28	1.313	1.701	2.048	2.467	2.763
29	1.311	1.699	2.045	2.462	2.756
inf.	1.282	1.645	1.960	2.326	2.576

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Table VII χ^2 distribution Values of $\chi^2_{\alpha|\nu}$

v	$\alpha = .995$	· α = .99	a = .975	a = .95	$\alpha = .05$	$\alpha = .025$	a = .01	$\alpha = .005$	v
1	.0000393	.000157	.000982	.00393	3.841	5.024	6.635	7.879	i
2	.0100	.0201	.0506	.103	5.991	7.378	9.210	10.597	2
3	.0717	.115	.216	.352	7.815	9.348	11.345	12.838	3
4	.207	.297	.484	.711	9.488	11.143	13.277	14.860	4
5	.412	.554	.831	1.145	11.070	12.832	15.086	16.750	5
6	.676	.872	1.237	1.635	12.592	14.449	16.812	18.548	6
7	.989	1.239	1.690	2.167	14.067	16.013	18.475	20.278	.7
8	1.344	1.646	2.180	2.733	15.507	17.535	20.090	21.955	8
9	1.735	2.088	2.700	3.325	16.919	19.023	21.666	23.589	9
10	2.156	2.558	3.247	3.940	18.307	20.483	23.209	25.188	10
11	2.603	3.053	3.816	4.575	19.675	21.920	24.725	26.757	11
12	3.074	3.571	4.404	5.226	21.026	23.337	26.217	28.300	12
13	3.565	4.107	5.009	5.892	22.362	24.736	27.688	29.819	13
14	4.075	4.660	5.629	6.571	23.685	26.119	29.141	31.319	14
15	4.601	5.229	6.262	7.261	24.996	27.488	30.578	32.801	15
16	5.142	5.812	6.908	7.962	26.296	28.845	32.000	34.267	16
17	5.697	6.408	7.564	8.672	27.587	30,191	33.409	35.718	17
18	6.265	7.015	8.231	9.390	28.869	31.526	34.805		18
19	6.844	7.633	8.907	10.117	30.144	32.852	36.191	38.582	19
20	7.434	8.260	9.591	10.851	31.410	34.170	37.566		20
21	8.034	8.897	10.283	11.591	32.671	35.479	38.932	41.401	21
22	8.643	9.542	10.982	12.338	33.924	36.781	40.298		22
23	9.260	10.196	11.689	13.091	35.172	38.076	41.638		23
24	9.886	10.856	12.401	13.848	36.415	39,364	42.980		24
2 5	10.520	11.524	13.120	14.611	37.652	40.646	44.314		25
23	10.520	11.324	13.120		51,05%	40.040	77.014	70.720	
26	11.160	12.198	13.844	15.379	38.885	41.923	45.642		26
27	11.808	12.879	14.573	16.151	40.113	43.194			27
28	12.461	13.565	15.308	16.928	41.337		48.278		28
29	13.121	14.256	16.047	17.708	42.557	45.722			29
30	13.787	14.953	16.791	18.493	43.773	46.979	50.892	53.672	30

Table VIII F-Distribution Values of $F_{0.5, vL, v2}$

• Constant	8	754	19.5	8.53	5.63	4.37	3.67	3.23	2.93	2.71	2.54	2.40	2.30	2.21	2,13	2.07	2.01	96 i	1.92	1.88	<u>7.</u>	1.81	1 78	1.76	1.73	17.1	1.62	1.51	1.39	125	0.1	Ha e
	120	253	19.5	8.55	5.66	4.40	3.70	3.27	2.97	2.75	2.58	2.45	2.34	2.25	2.18	2.11	2.06	2.01	1.97	1.93	8.	1.87	1.84	1.81	1.79	1.71	1.68	1.58	1.47	1.35	1.22	22 q
	98	252	19.5	8.57	5.69	4,43	3.74	3.30	3.01	2.79	2.62	2.49	2.38	2.30	2.22	2,16	2.11	2,06	2.02	1.98	1.95	1.92	1.89	1.86	1.84	1.82	1.74	1.64	1 53	1.43	1.32	
	40	251	19.5	8.59	5.72	4.46	3.77	3.34	3.04	2.83	5.66	2.53	2.43	2.34	227	2.20	2.15	2.10	2.06	2.03	1.99	1.96	1,94	1.91	1.89	1.87	1.79	69	1 50	95	1.39	
	30	250	19.5	8.62	5.75	4.50	3.81	3.38	3.08	2.86	2.70	2.57	2.47	2.38	2.31	2.25	2.19	2.15	2.11	2.07	2.04	2.01	1.98	1.96	1.94	1.92	3	47.4	1 65	3 5	1.46	
	24	249	19.5	8.64	5.77	4.53	3.84	3.41	3.12	2.90	2.74	2.61	2.51	2.42	2,35	2.29	2.24	2.19	2.15	2.11	2.08	2.05	2.03	2.01	1.98	1.96	1 80	1 70	2	2 19	1.52	
L	02	248	19.4	8.66	5.80	4.56	3.87	3.44	3.15	2.94	2.77	2.65	2.54	2.46	2.39	2.33	2.28	223	2.19	2 16	2.12	2,10	2.07	2.05	2.03	2.01	1 63	2 2	5 %	1.7	1.57	
nerator	15	246	19.4	8.70	5.86	4.62	3.94	3.51	3.22	3.01	2.85	2.73	2.62	2.53	2.46	2.40	2.35	2.31	2.27	2.23	2.20	2.18	2.15	2.13	2.11	2.09	,	10.7	1.74	1.04	1.67	
or nun	12	244	19.4	8.74	5.91	4.68	4.00	3.57	3.28	3.07	2.91	2.79	2.69	2.60	2.53	2.48	2.42	2.38	2.34	2.31	2.28	2.25	2.23	2,20	2.18	2.16	9	20.7	3 5	1.72	1.75	
dom f	10	242	19.4	8.79	5.96	4.74	4.06	3.64	3.35	3.14	2.98	2.85	2.75	2.67	2.60	2.54	2.49	2.45	2.41	2.38	2.35	2.32	2.30	227	2.25	2.24	71.0	21.7	90.7	3	1.31	2
of free	6	241	19.4	8.81	00.9	4.77	4 10	3.68	3.39	3.18	3.02	2.90	2.80	2.71	2 65	2.59	2.54	2.49	2.46	2.42	2.39	737	234	233	230	2.28		2.21	2.12	2.04	06.1	1.00
v ₁ = Degrees of freedom for numerator	00	239	19.4	8.85	6.04	4.82	4.15	3.73	3,44	3.23	3.07	2.95	2.85	2.77	2.70	2.64	2.59	2.55	2.51	2.48	2.45	2 47	4 6	22.7	23,6	2.34		2.27	2.18	2.10	2.05	1.94
ν ₁ =10	7	7237	19.4			4.88	4.21	3.79	3.50	3.29	3.14	3.01	2.91	2.83	2.76	2.71	2.66	2.61	2.58	2.54	2.51	ý	77.7	04.7	7,4	2.40	<u> </u>	2.33	2.25	2.17	2.09	2.01
	9	234	19.3	8.94	6.16	4.95	4.28	3.87	3.58	3.37	3.22	3.09	3.00	2.92	2.85	2.79	2.74	2.70	2 66	263	2.60		4.37	2.33	2.55	2.51	i.	2.42	2.34	2.25	2.18	2.10
	2	230	19.3	10.6	6.26	5.05	4.39	3.97	3.69	3.48	3.33	3.20	3.11	3.03	2.96	2.90	2.85	2 81	177	2.74	2.71		2.08	2.66	2.64	2.62	7-00	2.53	2.45	2.37	2.29	2.21
	4	225	19.2	9.13	6.39	5.19	4.53	4.12	3.84	3 63	3.48	3.36	3.26	3.18	3.11	3.06	3.01	396	2 63	300	2.87		7.84	2.82	2.80	2.78	7.70	2.69	2.61	2.53	2.45	2.37
	3	216	19.7	9.28	6 29	5.41	4.76	4.35	4.07	3.86	3.71	3.59	3.49	3 41	3.34	3.29	3.74	3.20	2.16	2.5	3.10		3.07	3,05	3.03	3.01	66.7	2.92	2.84	2.76	2.68	2.60
	7	200	0.61	9.55	8	5.79	5.14	4.74	4.46	4.26	4.10	3.98	3.89	3.81	3.74	3.68	3 63	3.50	2.55	5.5	3.49	}	3.47	3,44	3.42	3.40	3.39	3,32	323	3.15	3.07	3.00
	-	191	18.5	10.1	7.71	199	5.99	5.59	5.32	5.12	4.96	4.84	4.75	4.67	4.60	4.54	4 40	7.45	7	1 0	435	3	4.32	4.30	4.28	4.26	4.24	4.17	4.08		_	3.84
		-	7	m	4	8	9	7				=	2			15					2 5		21	22	23	74	3	30	4	8	120	8
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