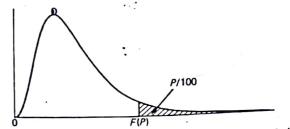
TABLE 12(b). 5 PER CENT POINTS OF THE F-DISTRIBUTION

If $F = \frac{X_1}{\nu_1} / \frac{X_2}{\nu_2}$, where X_1 and X_2 are independent random variables distributed as χ^2 with ν_1 and ν_2 degrees of freedom respectively, then the probabilities that $F \ge F(P)$ and that $F \le F(P)$ are both equal to P/100. Linear interpolation in $F \le F'(P)$ will generally be sufficiently accurate except when ν_1 and ν_2 will generally be sufficiently accurate except when either $\nu_1 > 12$ or $\nu_2 > 40$, when harmonic interpolation should be used.



(This shape applies only when $\nu_1 \ge 3$. When $\nu_1 < 3$ the mode is at the origin.)

	,					9				œ		
	1)	2	3,	4	5	6	7	8	TO	12	24	~
$\nu_1 =$	26,7	7	1000/		. /		236.8	238.9	241.9	243'9	249·I	254.3
$y_3 = 1$	161.4	199:5	215.7	224 6	230.2	234.0	_	•	19.40	19.41	19.45	19.50
2	18.21	19.00	19.19	19.25	19.30	19.33	19·35 8·887	19·37 8·845	8.786	8.745	8.639	8.526
3	10.13	9.552	9.277	9.117	0.013	8.941		6.041	5.964	5.913	5.774	5.628
4	7.709	6.944	6.291	6.388	6.256	6.163	6.094	0.041	3 904	3 7-4		7
		06			*	4.076	4.876	4.818	4.735	4.678	4.527	4.365
5.	6.608	5-786	5.409	5:192	5.050	4.950	4.207	4.147	4.060	4.000	3.841	3 ·669
6	5.987).	4.737	4.757	4.534	4.387		3.787	3.726	3.637	3.575	3.410	3.530
7	5.591		4:347	4.150	3·972 3·687	3.866	3.500	3.438	3.347	3.284	3.112	2.928
8	2.3:8	4.459	4.056	3.838	3.482		3.293		3.137	3.073	2.900	2.707
2 -	2.117	4 256	3.00	3.633	3 402	3.374	3 -93	3-230	.5 -5,	()		
/	• ',			20	21226	3.217	3.135	3:072	2.978	2.913	2.737	2.538
10	4.965 .	4.103	3.708	3.478	3·326 .	3.095	3.012	2.948	2.854	2.788	2.609	2.404
II	4.844	3.082	3.287	3.357	3.106	3.093	2.013	2.849	2.753	2.687	2.505	2.296
12	4.747	3.885	3.490	3.179	3+025	2.915	2.832	2.767	2.671	2.604	2.420	2.206
13	4.667		3'411	3.115	27958	2.848	2.764	2.699	2.602	2.534	2.349	2.131
14	4.600	3.439	3-344	3 112	2 930	- 545	, - ,			-		
	1	3.682	3.287	3.056	2.001	2.790	2.707	2.641	2.544	2.475	2.588	2.066
15 (4.543		3.239	3.007	2.852	2.741	2.657	2.591	2.494	2.425 -	2.232	2.010
16	4:494	3.634	3.197	2.965	2.810	2.699	2.614	2.548.	2.450	2.381	2.100	1.060
. 17	4.451	3.592	3.160	2.928	2.773	2.661	2.577	2.210	2.412	2.342	2.120	1.917
13	4.414	3.555	3.127	2.895	2.740	2.628	2.544	2.477	2.378	2.308	2.114	1.878
19	4.381	3.222	3-12/	2 093	. A /40							. 0
		****	3.008	2.866	2.711	2.500	2.214	2.447	2.348	2.278	2.082	1.843
20	4.321	3.493	3.072	2.840	2.685	2.573	2.488	2.420	2.321	2.250	2.024	1.812
21	4.322	3.467	3.049	2.817	2.661	2.549	2.464	2.397	2.297	2.226	2.028	1.783
22 23	4.301	3.443	3.028	2.796	2.640	2.528	2.442	2.375	2.275	2.204	2.005	1.757
	4.279	3-422	3.000	2.775	2.621	2.208	2.423	2.355	2.252	2.183	r·984	1.733
24	4.260	3.403	3 009	~ ///		-			446			
-	1	2.28-	2.991	2.759	2.603	2.400	2.405	2.337	2.236	2.165	1.964	1.711
-	4.242	3.385		2.743	2.587	2.474	2.388	2.321	2.220	2.148	1.946	1.691
26	4.225	3.369	2·975 2·960	2.728	2.572	2.459	2.373	2.302	2.204	2.132	1.930	1.672
27	4.210	3.354	2.947	2.714	2.553	2:445	2.359	2.291	2.190	2.118	1.915	1.654
. 28	4.196	3,340	2.934	21701	2.345	2.432	2.346	2.278	2.177	2.104	1.901	1.638
29.	4.183	3.358	2 934	- /							- 00-	6.
<i>i</i> .			2.922	2.690	2:534	2.42%	2.334	2.266	2.162	2.092	1.887	1.622
30	4.171	2.316	2-901	2.668	2.512	2.399	2.313	2.244	2.142	2.070	1.864	1.594
32	4.140	3-295	2.883	2.650	2.494	2.380	2.294	2.225	2.123	2.020	1.843	1.269
. 34	4.130	3.276	2.866	2.634	2.477	2.364	2.277	, 5.500	2.106	2.033	1.824	1.247
36	4:113	3.259	2.852	2.619	2.463	2.349	2.262	2.194	2.091	2.012	1.808	1.227
38-	4.098	3.242	2 052									
46	0-		2.839	2.606	2.449×	2.336	2.249	2.180	2.077	2.003	1.793	1.200
40	4.082	3.535	2.758	2:525		2.254	2.167	2.097	1.993	1.917	1.700	1.389
60	4.001	3.120	2.680	2 447	2.290	2.175	2.087	2.016	1.010	1.834	1.608	1.254
120 Ø	3.020	3.072	2.605	2.372	2.214	2.099	2.010	1.938	1.831	1.752	1.212	1.000
ر ب	3.841	2.995	2 003	- 31-								*

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