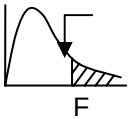
Valores críticos de la distribución F (cola superior)

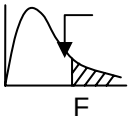
alfa= 0,05



	r_1 grados de libertad																							
n_2	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**14**	**16**	**20**	**24**	**30**	**40**	**50**	**75**	**100**	**200**	**500**	**10.000**
1	161,45	199,50	215,71	224,58	230,16	233,99	236,77	238,88	240,54	241,88	242,98	243,90	245,36	246,47	248,02	249,05	250,10	251,14	251,77	252,62	253,04	253,68	254,06	254,30
2	18,513	19,000	19,164	19,247	19,296	19,329	19,353	19,371	19,385	19,396	19,405	19,412	19,424	19,433	19,446	19,454	19,463	19,471	19,476	19,482	19,486	19,491	19,494	19,496
3	10,128	9,552	9,277	9,117	9,013	8,941	8,887	8,845	8,812	8,785	8,763	8,745	8,715	8,692	8,660	8,638	8,617	8,594	8,581	8,563	8,554	8,540	8,532	8,527
4	7,709	6,944	6,591	6,388	6,256	6,163	6,094	6,041	5,999	5,964	5,936	5,912	5,873	5,844	5,803	5,774	5,746	5,717	5,699	5,676	5,664	5,646	5,635	5,628
5	6,608	5,786	5,409	5,192	5,050	4,950	4,876	4,818	4,772	4,735	4,704	4,678	4,636	4,604	4,558	4,527	4,496	4,464	4,444	4,418	4,405	4,385	4,373	4,365
6	5,987	5,143	4,757	4,534	4,387	4,284	4,207	4,147	4,099	4,060	4,027	4,000	3,956	3,922	3,874	3,841	3,808	3,774	3,754	3,726	3,712	3,690	3,678	3,669
7	5,591	4,737	4,347	4,120	3,972	3,866	3,787	3,726	3,677	3,637	3,603	3,575	3,529	3,494	3,445	3,410	3,376	3,340	3,319	3,290	3,275	3,252	3,239	3,230
8	5,318	4,459	4,066	3,838	3,688	3,581	3,500	3,438	3,388	3,347	3,313	3,284	3,237	3,202	3,150	3,115	3,079	3,043	3,020	2,990	2,975	2,951	2,937	2,928
9	5,117	4,256	3,863	3,633	3,482	3,374	3,293	3,230	3,179	3,137	3,102	3,073	3,025	2,989	2,936	2,900	2,864	2,826	2,803	2,771	2,756	2,731	2,717	2,707
10	4,965	4,103	3,708	3,478	3,326	3,217	3,135	3,072	3,020	2,978	2,943	2,913	2,865	2,828	2,774	2,737	2,700	2,661	2,637	2,605	2,588	2,563	2,548	2,538
11	4,844	3,982	3,587	3,357	3,204	3,095	3,012	2,948	2,896	2,854	2,818	2,788	2,739	2,701	2,646	2,609	2,570	2,531	2,507	2,473	2,457	2,431	2,415	2,405
12	4,747	3,885	3,490	3,259	3,106	2,996	2,913	2,849	2,796	2,753	2,717	2,687	2,637	2,599	2,544	2,505	2,466	2,426	2,401	2,367	2,350	2,323	2,307	2,297
13	4,667	3,806	3,411	3,179	3,025	2,915	2,832	2,767	2,714	2,671	2,635	2,604	2,554	2,515	2,459	2,420	2,380	2,339	2,314	2,279	2,261	2,234	2,218	2,207
14	4,600	3,739	3,344	3,112	2,958	2,848	2,764	2,699	2,646	2,602	2,565	2,534	2,484	2,445	2,388	2,349	2,308	2,266	2,241	2,205	2,187	2,159	2,142	2,131
15	4,543	3,682	3,287	3,056	2,901	2,790	2,707	2,641	2,588	2,544	2,507	2,475	2,424	2,385	2,328	2,288	2,247	2,204	2,178	2,142	2,123	2,095	2,078	2,066
16	4,494	3,634	3,239	3,007	2,852	2,741	2,657	2,591	2,538	2,494	2,456	2,425	2,373	2,333	2,276	2,235	2,194	2,151	2,124	2,087	2,068	2,039	2,022	2,010
17	4,451	3,592	3,197	2,965	2,810	2,699	2,614	2,548	2,494	2,450	2,413	2,381	2,329	2,289	2,230	2,190	2,148	2,104	2,077	2,040	2,020	1,991	1,973	1,961
18	4,414	3,555	3,160	2,928	2,773	2,661	2,577	2,510	2,456	2,412	2,374	2,342	2,290	2,250	2,191	2,150	2,107	2,063	2,035	1,998	1,978	1,948	1,929	1,917
19	4,381	3,522	3,127	2,895	2,740	2,628	2,544	2,477	2,423	2,378	2,340	2,308	2,256	2,215	2,155	2,114	2,071	2,026	1,999	1,960	1,940	1,910	1,891	1,879
20	4,351	3,493	3,098	2,866	2,711	2,599	2,514	2,447	2,393	2,348	2,310	2,278	2,225	2,184	2,124	2,082	2,039	1,994	1,966	1,927	1,907	1,875	1,856	1,844
21	4,325	3,467	3,072	2,840	2,685	2,573	2,488	2,420	2,366	2,321	2,283	2,250	2,197	2,156	2,096	2,054	2,010	1,965	1,936	1,897	1,876	1,845	1,825	1,812
22	4,301	3,443	3,049	2,817	2,661	2,549	2,464	2,397	2,342	2,297	2,259	2,226	2,173	2,131	2,071	2,028	1,984	1,938	1,909	1,869	1,849	1,817	1,797	1,784
23	4,279	3,422	3,028	2,796	2,640	2,528	2,442	2,375	2,320	2,275	2,236	2,204	2,150	2,109	2,048	2,005	1,961	1,914	1,885	1,844	1,823	1,791	1,771	1,758
24	4,260	3,403	3,009	2,776	2,621	2,508	2,423	2,355	2,300	2,255	2,216	2,183	2,130	2,088	2,027	1,984	1,939	1,892	1,863	1,822	1,800	1,768	1,747	1,734
25	4,242	3,385	2,991	2,759	2,603	2,490	2,405	2,337	2,282	2,236	2,198	2,165	2,111	2,069	2,007	1,964	1,919	1,872	1,842	1,801	1,779	1,746	1,725	1,712
26	4,225	3,369	2,975	2,743	2,587	2,474	2,388	2,321	2,265	2,220	2,181	2,148	2,094	2,052	1,990	1,946	1,901	1,853	1,823	1,782	1,760	1,726	1,705	1,691
27	4,210	3,354	2,960	2,728	2,572	2,459	2,373	2,305	2,250	2,204	2,166	2,132	2,078	2,036	1,974	1,930	1,884	1,836	1,806	1,764	1,742	1,708	1,686	1,672
28	4,196	3,340	2,947	2,714	2,558	2,445	2,359	2,291	2,236	2,190	2,151	2,118	2,064	2,021	1,959	1,915	1,869	1,820	1,790	1,747	1,725	1,691	1,669	1,655
29	4,183	3,328	2,934	2,701	2,545	2,432	2,346	2,278	2,223	2,177	2,138	2,104	2,050	2,007	1,945	1,901	1,854	1,806	1,775	1,732	1,710	1,675	1,653	1,638
30	4,171	3,316	2,922	2,690	2,534	2,421	2,334	2,266	2,211	2,165	2,126	2,092	2,037	1,995	1,932	1,887	1,841	1,792	1,761	1,718	1,695	1,660	1,637	1,623

Valores críticos de la distribución F (cola superior)

alfa= 0,05



	r_1 grados de libertad																							
n_2	1	2	3	4	5	6	7	8	9	10	11	12	14	16	20	24	30	40	50	75	100	200	500	10.000
32	4,149	3,295	2,901	2,668	2,512	2,399	2,313	2,244	2,189	2,142	2,103	2,070	2,015	1,972	1,908	1,864	1,817	1,767	1,736	1,692	1,669	1,633	1,610	1,595
34	4,130	3,276	2,883	2,650	2,494	2,380	2,294	2,225	2,170	2,123	2,084	2,050	1,995	1,952	1,888	1,843	1,795	1,745	1,713	1,669	1,645	1,609	1,585	1,570
36	4,113	3,259	2,866	2,634	2,477	2,364	2,277	2,209	2,153	2,106	2,067	2,033	1,977	1,934	1,870	1,824	1,776	1,726	1,694	1,648	1,625	1,587	1,564	1,548
38	4,098	3,245	2,852	2,619	2,463	2,349	2,262	2,194	2,138	2,091	2,051	2,017	1,962	1,918	1,853	1,808	1,760	1,708	1,676	1,630	1,606	1,568	1,544	1,528
40	4,085	3,232	2,839	2,606	2,449	2,336	2,249	2,180	2,124	2,077	2,038	2,003	1,948	1,904	1,839	1,793	1,744	1,693	1,660	1,614	1,589	1,551	1,526	1,510
42	4,073	3,220	2,827	2,594	2,438	2,324	2,237	2,168	2,112	2,065	2,025	1,991	1,935	1,891	1,826	1,780	1,731	1,679	1,646	1,599	1,574	1,535	1,510	1,493
44	4,062	3,209	2,816	2,584	2,427	2,313	2,226	2,157	2,101	2,054	2,014	1,980	1,924	1,879	1,814	1,767	1,718	1,666	1,633	1,585	1,560	1,520	1,495	1,478
46	4,052	3,200	2,807	2,574	2,417	2,304	2,216	2,147	2,091	2,044	2,004	1,969	1,913	1,869	1,803	1,756	1,707	1,654	1,621	1,573	1,547	1,507	1,481	1,464
48	4,043	3,191	2,798	2,565	2,409	2,295	2,207	2,138	2,082	2,035	1,995	1,960	1,904	1,859	1,793	1,746	1,697	1,644	1,610	1,561	1,536	1,495	1,469	1,451
50	4,034	3,183	2,790	2,557	2,400	2,286	2,199	2,130	2,073	2,026	1,986	1,952	1,895	1,850	1,784	1,737	1,687	1,634	1,599	1,551	1,525	1,484	1,457	1,439
55	4,016	3,165	2,773	2,540	2,383	2,269	2,181	2,112	2,055	2,008	1,968	1,933	1,876	1,831	1,764	1,717	1,666	1,612	1,577	1,528	1,501	1,459	1,431	1,413
60	4,001	3,150	2,758	2,525	2,368	2,254	2,167	2,097	2,040	1,993	1,952	1,917	1,860	1,815	1,748	1,700	1,649	1,594	1,559	1,508	1,481	1,438	1,409	1,390
65	3,989	3,138	2,746	2,513	2,356	2,242	2,154	2,084	2,027	1,980	1,939	1,904	1,847	1,802	1,734	1,686	1,635	1,579	1,543	1,492	1,464	1,420	1,391	1,371
70	3,978	3,128	2,736	2,503	2,346	2,231	2,143	2,074	2,017	1,969	1,928	1,893	1,836	1,790	1,722	1,674	1,622	1,566	1,530	1,478	1,450	1,404	1,374	1,354
80	3,960	3,111	2,719	2,486	2,329	2,214	2,126	2,056	1,999	1,951	1,910	1,875	1,817	1,772	1,703	1,654	1,602	1,545	1,508	1,455	1,426	1,379	1,347	1,326
100	3,936	3,087	2,696	2,463	2,305	2,191	2,103	2,032	1,975	1,927	1,886	1,850	1,792	1,746	1,676	1,627	1,573	1,515	1,477	1,422	1,392	1,342	1,308	1,284
125	3,917	3,069	2,677	2,444	2,287	2,172	2,084	2,013	1,956	1,907	1,866	1,830	1,772	1,725	1,655	1,605	1,551	1,491	1,452	1,395	1,364	1,311	1,275	1,249
150	3,904	3,056	2,665	2,432	2,274	2,160	2,071	2,001	1,943	1,894	1,853	1,817	1,758	1,711	1,641	1,590	1,535	1,475	1,436	1,377	1,345	1,290	1,252	1,224
200	3,888	3,041	2,650	2,417	2,259	2,144	2,056	1,985	1,927	1,878	1,837	1,801	1,742	1,694	1,623	1,572	1,516	1,455	1,415	1,354	1,321	1,263	1,221	1,190
400	3,865	3,018	2,627	2,394	2,237	2,121	2,032	1,962	1,903	1,854	1,813	1,776	1,717	1,669	1,597	1,545	1,488	1,425	1,383	1,319	1,283	1,219	1,170	1,130
1000	3,851	3,005	2,614	2,381	2,223	2,108	2,019	1,948	1,889	1,840	1,798	1,762	1,702	1,654	1,581	1,528	1,471	1,406	1,363	1,298	1,260	1,190	1,134	1,082
10000	3,842	2,997	2,606	2,373	2,215	2,099	2,011	1,939	1,881	1,832	1,790	1,753	1,693	1,645	1,572	1,518	1,460	1,395	1,351	1,284	1,245	1,172	1,109	1,033