

Критические значения критерия F-Фишера для проверки направленных альтернатив (односторонний критерий)

(Пример применения - дисперсионный анализ)

P = 0,05		Степени свободы для числителя											
		1	2	3	4	5	6	7	8	10	12	24	∞
Степени свободы для знаменателя	3	10,128	9,552	9,277	9,117	9,013	8,941	8,887	8,845	8,785	8,745	8,638	8,527
	5	6,608	5,786	5,409	5,192	5,050	4,950	4,876	4,818	4,735	4,678	4,527	4,366
	7	5,591	4,737	4,347	4,120	3,972	3,866	3,787	3,726	3,637	3,575	3,410	3,231
	10	4,965	4,103	3,708	3,478	3,326	3,217	3,135	3,072	2,978	2,913	2,737	2,539
	11	4,844	3,982	3,587	3,357	3,204	3,095	3,012	2,948	2,854	2,788	2,609	2,406
	12	4,747	3,885	3,490	3,259	3,106	2,996	2,913	2,849	2,753	2,687	2,505	2,297
	13	4,667	3,806	3,411	3,179	3,025	2,915	2,832	2,767	2,671	2,604	2,420	2,208
	14	4,600	3,739	3,344	3,112	2,958	2,848	2,764	2,699	2,602	2,534	2,349	2,132
	15	4,543	3,682	3,287	3,056	2,901	2,790	2,707	2,641	2,544	2,475	2,288	2,067
	16	4,494	3,634	3,239	3,007	2,852	2,741	2,657	2,591	2,494	2,425	2,235	2,011
	18	4,414	3,555	3,160	2,928	2,773	2,661	2,577	2,510	2,412	2,342	2,150	1,918
	20	4,351	3,493	3,098	2,866	2,711	2,599	2,514	2,447	2,348	2,278	2,082	1,844
	30	4,171	3,316	2,922	2,690	2,534	2,421	2,334	2,266	2,165	2,092	1,887	1,624
	40	4,085	3,232	2,839	2,606	2,449	2,336	2,249	2,180	2,077	2,003	1,793	1,511
	50	4,034	3,183	2,790	2,557	2,400	2,286	2,199	2,130	2,026	1,952	1,737	1,440
	70	3,978	3,128	2,736	2,503	2,346	2,231	2,143	2,074	1,969	1,893	1,674	1,355
	100	3,936	3,087	2,696	2,463	2,305	2,191	2,103	2,032	1,927	1,850	1,627	1,286
	200	3,888	3,041	2,650	2,417	2,259	2,144	2,056	1,985	1,878	1,801	1,572	1,192
∞	3,843	2,998	2,607	2,374	2,216	2,100	2,011	1,940	1,833	1,754	1,519		

P = 0,01		Степени свободы для числителя											
		1	2	3	4	5	6	7	8	10	12	24	∞
Степени свободы для знаменателя	3	34,116	30,816	29,457	28,710	28,237	27,911	27,671	27,489	27,228	27,052	26,597	26,126
	5	16,258	13,274	12,060	11,392	10,967	10,672	10,456	10,289	10,051	9,888	9,466	9,022
	7	12,246	9,547	8,451	7,847	7,460	7,191	6,993	6,840	6,620	6,469	6,074	5,651
	10	10,044	7,559	6,552	5,994	5,636	5,386	5,200	5,057	4,849	4,706	4,327	3,910
	11	9,646	7,206	6,217	5,668	5,316	5,069	4,886	4,744	4,539	4,397	4,021	3,604
	12	9,330	6,927	5,953	5,412	5,064	4,821	4,640	4,499	4,296	4,155	3,780	3,362
	13	9,074	6,701	5,739	5,205	4,862	4,620	4,441	4,302	4,100	3,960	3,587	3,166
	14	8,862	6,515	5,564	5,035	4,695	4,456	4,278	4,140	3,939	3,800	3,427	3,005
	15	8,683	6,359	5,417	4,893	4,556	4,318	4,142	4,004	3,805	3,666	3,294	2,870
	16	8,531	6,226	5,292	4,773	4,437	4,202	4,026	3,890	3,691	3,553	3,181	2,754
	18	8,285	6,013	5,092	4,579	4,248	4,015	3,841	3,705	3,508	3,371	2,999	2,567
	20	8,096	5,849	4,938	4,431	4,103	3,871	3,699	3,564	3,368	3,231	2,859	2,422
	30	7,562	5,390	4,510	4,018	3,699	3,473	3,305	3,173	2,979	2,843	2,469	2,008
	40	7,314	5,178	4,313	3,828	3,514	3,291	3,124	2,993	2,801	2,665	2,288	1,806
	50	7,171	5,057	4,199	3,720	3,408	3,186	3,020	2,890	2,698	2,563	2,183	1,685
	70	7,011	4,922	4,074	3,600	3,291	3,071	2,906	2,777	2,585	2,450	2,067	1,542
	100	6,895	4,824	3,984	3,513	3,206	2,988	2,823	2,694	2,503	2,368	1,983	1,429
	200	6,763	4,713	3,881	3,414	3,110	2,893	2,730	2,601	2,411	2,275	1,886	1,281
∞	6,637	4,607	3,784	3,321	3,019	2,804	2,641	2,513	2,323	2,187	1,793		