

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a =0.9

n_1 = grados de libertad del numerador

1 - a = P (F ≤ f_{a,n_1,n_2})

n_2 = grados de libertad del denominador

$n_2 \backslash n_1$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	39.864	49.500	53.593	55.833	57.240	58.204	58.906	59.439	59.857	60.195	60.473	60.705	60.902	61.073	61.220	61.350	61.465	61.566	61.658	61.740
2	8.526	9.000	9.162	9.243	9.293	9.326	9.349	9.367	9.381	9.392	9.401	9.408	9.415	9.420	9.425	9.429	9.433	9.436	9.439	9.441
3	5.538	5.462	5.391	5.343	5.309	5.285	5.266	5.252	5.240	5.230	5.222	5.216	5.210	5.205	5.200	5.196	5.193	5.190	5.187	5.184
4	4.545	4.325	4.191	4.107	4.051	4.010	3.979	3.955	3.936	3.920	3.907	3.896	3.886	3.878	3.870	3.864	3.858	3.853	3.848	3.844
5	4.060	3.780	3.619	3.520	3.453	3.405	3.368	3.339	3.316	3.297	3.282	3.268	3.257	3.247	3.238	3.230	3.223	3.217	3.212	3.207
6	3.776	3.463	3.289	3.181	3.108	3.055	3.014	2.983	2.958	2.937	2.920	2.905	2.892	2.881	2.871	2.863	2.855	2.848	2.842	2.836
7	3.589	3.257	3.074	2.961	2.883	2.827	2.785	2.752	2.725	2.703	2.684	2.668	2.654	2.643	2.632	2.623	2.615	2.607	2.601	2.595
8	3.458	3.113	2.924	2.806	2.726	2.668	2.624	2.589	2.561	2.538	2.519	2.502	2.488	2.475	2.464	2.454	2.446	2.438	2.431	2.425
9	3.360	3.006	2.813	2.693	2.611	2.551	2.505	2.469	2.440	2.416	2.396	2.379	2.364	2.351	2.340	2.330	2.320	2.312	2.305	2.298
10	3.285	2.924	2.728	2.605	2.522	2.461	2.414	2.377	2.347	2.323	2.302	2.284	2.269	2.255	2.244	2.233	2.224	2.215	2.208	2.201
11	3.225	2.860	2.660	2.536	2.451	2.389	2.342	2.304	2.274	2.248	2.227	2.209	2.193	2.179	2.167	2.156	2.147	2.138	2.130	2.123
12	3.177	2.807	2.606	2.480	2.394	2.331	2.283	2.245	2.214	2.188	2.166	2.147	2.131	2.117	2.105	2.094	2.084	2.075	2.067	2.060
13	3.136	2.763	2.560	2.434	2.347	2.283	2.234	2.195	2.164	2.138	2.116	2.097	2.080	2.066	2.053	2.042	2.032	2.023	2.014	2.007
14	3.102	2.726	2.522	2.395	2.307	2.243	2.193	2.154	2.122	2.095	2.073	2.054	2.037	2.022	2.010	1.998	1.988	1.978	1.970	1.962
15	3.073	2.695	2.490	2.361	2.273	2.208	2.158	2.119	2.086	2.059	2.037	2.017	2.000	1.985	1.972	1.961	1.950	1.941	1.932	1.924
16	3.048	2.668	2.462	2.333	2.244	2.178	2.128	2.088	2.055	2.028	2.005	1.985	1.968	1.953	1.940	1.928	1.917	1.908	1.899	1.891
17	3.026	2.645	2.437	2.308	2.218	2.152	2.102	2.061	2.028	2.001	1.978	1.958	1.940	1.925	1.912	1.900	1.889	1.879	1.870	1.862
18	3.007	2.624	2.416	2.286	2.196	2.130	2.079	2.038	2.005	1.977	1.954	1.933	1.916	1.900	1.887	1.875	1.864	1.854	1.845	1.837
19	2.990	2.606	2.397	2.266	2.176	2.109	2.058	2.017	1.984	1.956	1.932	1.912	1.894	1.878	1.865	1.852	1.841	1.831	1.822	1.814
20	2.975	2.589	2.380	2.249	2.158	2.091	2.040	1.999	1.965	1.937	1.913	1.892	1.875	1.859	1.845	1.833	1.821	1.811	1.802	1.794
21	2.961	2.575	2.365	2.233	2.142	2.075	2.023	1.982	1.948	1.920	1.896	1.875	1.857	1.841	1.827	1.815	1.803	1.793	1.784	1.776
22	2.949	2.561	2.351	2.219	2.128	2.060	2.008	1.967	1.933	1.904	1.880	1.859	1.841	1.825	1.811	1.798	1.787	1.777	1.768	1.759
23	2.937	2.549	2.339	2.207	2.115	2.047	1.995	1.953	1.919	1.890	1.866	1.845	1.827	1.811	1.796	1.784	1.772	1.762	1.753	1.744
24	2.927	2.538	2.327	2.195	2.103	2.035	1.983	1.941	1.906	1.877	1.853	1.832	1.814	1.797	1.783	1.770	1.759	1.748	1.739	1.730
25	2.918	2.528	2.317	2.184	2.092	2.024	1.971	1.929	1.895	1.866	1.841	1.820	1.802	1.785	1.771	1.758	1.746	1.736	1.726	1.718
26	2.909	2.519	2.307	2.174	2.082	2.014	1.961	1.919	1.884	1.855	1.830	1.809	1.790	1.774	1.760	1.747	1.735	1.724	1.715	1.706
27	2.901	2.511	2.299	2.165	2.073	2.005	1.952	1.909	1.874	1.845	1.820	1.799	1.780	1.764	1.749	1.736	1.724	1.714	1.704	1.695
28	2.894	2.503	2.291	2.157	2.064	1.996	1.943	1.900	1.865	1.836	1.811	1.790	1.771	1.754	1.740	1.726	1.715	1.704	1.694	1.685
29	2.887	2.495	2.283	2.149	2.057	1.988	1.935	1.892	1.857	1.827	1.802	1.781	1.762	1.745	1.731	1.717	1.705	1.695	1.685	1.676
30	2.881	2.489	2.276	2.142	2.049	1.980	1.927	1.884	1.849	1.819	1.794	1.773	1.754	1.737	1.722	1.709	1.697	1.686	1.676	1.667
40	2.835	2.440	2.226	2.091	1.997	1.927	1.873	1.829	1.793	1.763	1.737	1.715	1.695	1.678	1.662	1.649	1.636	1.625	1.615	1.605
50	2.809	2.412	2.197	2.061	1.966	1.895	1.840	1.796	1.760	1.729	1.703	1.680	1.660	1.643	1.627	1.613	1.600	1.588	1.578	1.568
60	2.791	2.393	2.177	2.041	1.946	1.875	1.819	1.775	1.738	1.707	1.680	1.657	1.637	1.619	1.603	1.589	1.576	1.564	1.553	1.543
70	2.779	2.380	2.164	2.027	1.931	1.860	1.804	1.760	1.723	1.691	1.665	1.641	1.621	1.603	1.587	1.572	1.559	1.547	1.536	1.526
80	2.769	2.370	2.154	2.016	1.921	1.849	1.793	1.748	1.711	1.680	1.653	1.629	1.609	1.590	1.574	1.559	1.546	1.534	1.523	1.513
90	2.762	2.363	2.146	2.008	1.912	1.841	1.785	1.739	1.702	1.670	1.643	1.620	1.599	1.581	1.564	1.550	1.536	1.524	1.513	1.503
100	2.756	2.356	2.139	2.002	1.906	1.834	1.778	1.732	1.695	1.663	1.636	1.612	1.592	1.573	1.557	1.542	1.528	1.516	1.505	1.494
200	2.731	2.329	2.111	1.973	1.876	1.804	1.747	1.701	1.663	1.631	1.603	1.579	1.558	1.539	1.522	1.507	1.493	1.480	1.468	1.458
500	2.716	2.313	2.095	1.956	1.859	1.786	1.729	1.683	1.644	1.612	1.583	1.559	1.537	1.518	1.501	1.485	1.471	1.458	1.446	1.435
1000	2.711	2.308	2.089	1.950	1.853	1.780	1.723	1.676	1.638	1.605	1.577	1.552	1.531	1.511	1.494	1.478	1.464	1.451	1.439	1.428

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a = 0.9

1 - a = P (F ≤ f_{a,n1,n2})

n ₂ \ n ₁	21	22	23	24	25	26	27	28	29	30	40	50	60	70	80	90	100	200	500	1000
1	61.815	61.883	61.945	62.002	62.055	62.103	62.148	62.189	62.229	62.265	62.529	62.688	62.794	62.871	62.927	62.972	63.007	63.167	63.264	63.296
2	9.444	9.446	9.448	9.450	9.451	9.453	9.454	9.456	9.457	9.458	9.466	9.471	9.475	9.477	9.479	9.480	9.481	9.486	9.489	9.490
3	5.182	5.180	5.178	5.176	5.175	5.173	5.172	5.170	5.169	5.168	5.160	5.155	5.151	5.149	5.147	5.145	5.144	5.139	5.136	5.135
4	3.841	3.837	3.834	3.831	3.828	3.826	3.823	3.821	3.819	3.817	3.804	3.795	3.790	3.786	3.782	3.780	3.778	3.769	3.764	3.762
5	3.202	3.198	3.194	3.191	3.187	3.184	3.181	3.179	3.176	3.174	3.157	3.147	3.140	3.135	3.132	3.129	3.126	3.116	3.109	3.107
6	2.831	2.827	2.822	2.818	2.815	2.811	2.808	2.805	2.803	2.800	2.781	2.770	2.762	2.756	2.752	2.749	2.746	2.734	2.727	2.725
7	2.589	2.584	2.580	2.575	2.571	2.568	2.564	2.561	2.558	2.555	2.535	2.523	2.514	2.508	2.504	2.500	2.497	2.484	2.476	2.473
8	2.419	2.414	2.409	2.404	2.400	2.396	2.392	2.389	2.386	2.383	2.361	2.348	2.339	2.333	2.328	2.324	2.321	2.307	2.298	2.295
9	2.292	2.287	2.282	2.277	2.272	2.268	2.265	2.261	2.258	2.255	2.232	2.218	2.208	2.202	2.196	2.192	2.189	2.174	2.165	2.162
10	2.194	2.189	2.183	2.178	2.174	2.170	2.166	2.162	2.159	2.155	2.132	2.117	2.107	2.101	2.095	2.090	2.087	2.071	2.062	2.059
11	2.117	2.111	2.105	2.100	2.095	2.091	2.087	2.083	2.080	2.076	2.052	2.036	2.026	2.019	2.013	2.009	2.005	1.989	1.979	1.975
12	2.053	2.047	2.041	2.036	2.031	2.027	2.022	2.019	2.015	2.011	1.986	1.970	1.960	1.952	1.946	1.942	1.938	1.921	1.911	1.907
13	2.000	1.994	1.988	1.983	1.978	1.973	1.969	1.965	1.961	1.958	1.931	1.915	1.904	1.896	1.890	1.886	1.882	1.864	1.853	1.850
14	1.955	1.949	1.943	1.938	1.933	1.928	1.923	1.919	1.916	1.912	1.885	1.869	1.857	1.849	1.843	1.838	1.834	1.816	1.805	1.801
15	1.917	1.911	1.905	1.899	1.894	1.889	1.885	1.880	1.876	1.873	1.845	1.828	1.817	1.808	1.802	1.797	1.793	1.774	1.763	1.759
16	1.884	1.877	1.871	1.866	1.860	1.855	1.851	1.847	1.843	1.839	1.811	1.793	1.782	1.773	1.766	1.761	1.757	1.738	1.726	1.722
17	1.855	1.848	1.842	1.836	1.831	1.826	1.821	1.817	1.813	1.809	1.781	1.763	1.751	1.742	1.735	1.730	1.726	1.706	1.694	1.690
18	1.829	1.823	1.816	1.810	1.805	1.800	1.795	1.791	1.787	1.783	1.754	1.736	1.723	1.714	1.707	1.702	1.698	1.678	1.665	1.661
19	1.807	1.800	1.793	1.787	1.782	1.777	1.772	1.767	1.763	1.759	1.730	1.711	1.699	1.690	1.683	1.677	1.673	1.652	1.639	1.635
20	1.786	1.779	1.773	1.767	1.761	1.756	1.751	1.746	1.742	1.738	1.708	1.690	1.677	1.667	1.660	1.655	1.650	1.629	1.616	1.612
21	1.768	1.761	1.754	1.748	1.742	1.737	1.732	1.728	1.723	1.719	1.689	1.670	1.657	1.647	1.640	1.634	1.630	1.608	1.595	1.591
22	1.751	1.744	1.737	1.731	1.726	1.720	1.715	1.711	1.706	1.702	1.671	1.652	1.639	1.629	1.622	1.616	1.611	1.590	1.576	1.571
23	1.736	1.729	1.722	1.716	1.710	1.705	1.700	1.695	1.691	1.686	1.655	1.636	1.622	1.613	1.605	1.599	1.594	1.572	1.558	1.554
24	1.722	1.715	1.708	1.702	1.696	1.691	1.686	1.681	1.676	1.672	1.641	1.621	1.607	1.597	1.590	1.584	1.579	1.556	1.542	1.538
25	1.710	1.702	1.695	1.689	1.683	1.678	1.672	1.668	1.663	1.659	1.627	1.607	1.593	1.583	1.576	1.569	1.565	1.542	1.527	1.523
26	1.698	1.690	1.683	1.677	1.671	1.666	1.660	1.656	1.651	1.647	1.615	1.594	1.581	1.570	1.562	1.556	1.551	1.528	1.514	1.509
27	1.687	1.680	1.673	1.666	1.660	1.655	1.649	1.645	1.640	1.636	1.603	1.583	1.569	1.558	1.550	1.544	1.539	1.515	1.501	1.496
28	1.677	1.669	1.662	1.656	1.650	1.644	1.639	1.634	1.630	1.625	1.592	1.572	1.558	1.547	1.539	1.533	1.528	1.504	1.489	1.484
29	1.668	1.660	1.653	1.647	1.640	1.635	1.630	1.625	1.620	1.616	1.583	1.562	1.547	1.537	1.529	1.522	1.517	1.493	1.478	1.472
30	1.659	1.651	1.644	1.638	1.632	1.626	1.621	1.616	1.611	1.606	1.573	1.552	1.538	1.527	1.519	1.512	1.507	1.482	1.467	1.462
40	1.596	1.588	1.581	1.574	1.568	1.562	1.556	1.551	1.546	1.541	1.506	1.483	1.467	1.455	1.447	1.439	1.434	1.406	1.389	1.383
50	1.559	1.551	1.543	1.536	1.529	1.523	1.517	1.512	1.507	1.502	1.465	1.441	1.424	1.412	1.402	1.395	1.388	1.359	1.340	1.333
60	1.534	1.526	1.518	1.511	1.504	1.498	1.492	1.486	1.481	1.476	1.437	1.413	1.395	1.382	1.372	1.364	1.358	1.326	1.306	1.299
70	1.517	1.508	1.500	1.493	1.486	1.479	1.473	1.467	1.462	1.457	1.418	1.392	1.374	1.361	1.350	1.342	1.335	1.302	1.281	1.273
80	1.503	1.495	1.487	1.479	1.472	1.465	1.459	1.453	1.448	1.443	1.403	1.377	1.358	1.344	1.334	1.325	1.318	1.284	1.261	1.253
90	1.493	1.484	1.476	1.468	1.461	1.455	1.448	1.442	1.437	1.432	1.391	1.365	1.346	1.332	1.321	1.312	1.304	1.269	1.245	1.237
100	1.485	1.476	1.468	1.460	1.453	1.446	1.440	1.434	1.428	1.423	1.382	1.355	1.336	1.321	1.310	1.301	1.293	1.257	1.232	1.223
200	1.448	1.438	1.430	1.422	1.414	1.407	1.400	1.394	1.388	1.383	1.339	1.310	1.289	1.273	1.261	1.250	1.242	1.199	1.168	1.157
500	1.425	1.416	1.407	1.399	1.391	1.384	1.377	1.370	1.364	1.358	1.313	1.282	1.260	1.243	1.229	1.218	1.209	1.160	1.122	1.106
1000	1.418	1.408	1.399	1.391	1.383	1.376	1.369	1.362	1.356	1.350	1.304	1.273	1.250	1.232	1.218	1.207	1.197	1.145	1.103	1.084

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a =0.95

n₁ = grados de libertad del numerador

1 - a = P (F ≤ f_{a,n₁,n₂})

n₂ = grados de libertad del denominador

n ₂ \ n ₁	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	161.446	199.499	215.707	224.583	230.160	233.988	236.767	238.884	240.543	241.882	242.981	243.905	244.690	245.363	245.949	246.466	246.917	247.324	247.688	248.016
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	19.419	19.424	19.429	19.433	19.437	19.440	19.443	19.446
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	8.729	8.715	8.703	8.692	8.683	8.675	8.667	8.660
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	5.891	5.873	5.858	5.844	5.832	5.821	5.811	5.803
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	4.655	4.636	4.619	4.604	4.590	4.579	4.568	4.558
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	3.976	3.956	3.938	3.922	3.908	3.896	3.884	3.874
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	3.550	3.529	3.511	3.494	3.480	3.467	3.455	3.445
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	3.259	3.237	3.218	3.202	3.187	3.173	3.161	3.150
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	3.048	3.025	3.006	2.989	2.974	2.960	2.948	2.936
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	2.887	2.865	2.845	2.828	2.812	2.798	2.785	2.774
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	2.761	2.739	2.719	2.701	2.685	2.671	2.658	2.646
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	2.660	2.637	2.617	2.599	2.583	2.568	2.555	2.544
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	2.577	2.554	2.533	2.515	2.499	2.484	2.471	2.459
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	2.507	2.484	2.463	2.445	2.428	2.413	2.400	2.388
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	2.448	2.424	2.403	2.385	2.368	2.353	2.340	2.328
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	2.397	2.373	2.352	2.333	2.317	2.302	2.288	2.276
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	2.353	2.329	2.308	2.289	2.272	2.257	2.243	2.230
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	2.314	2.290	2.269	2.250	2.233	2.217	2.203	2.191
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	2.280	2.256	2.234	2.215	2.198	2.182	2.168	2.155
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	2.250	2.225	2.203	2.184	2.167	2.151	2.137	2.124
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	2.222	2.197	2.176	2.156	2.139	2.123	2.109	2.096
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	2.198	2.173	2.151	2.131	2.114	2.098	2.084	2.071
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	2.175	2.150	2.128	2.109	2.091	2.075	2.061	2.048
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	2.155	2.130	2.108	2.088	2.070	2.054	2.040	2.027
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	2.136	2.111	2.089	2.069	2.051	2.035	2.021	2.007
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	2.119	2.094	2.072	2.052	2.034	2.018	2.003	1.990
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	2.103	2.078	2.056	2.036	2.018	2.002	1.987	1.974
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	2.089	2.064	2.041	2.021	2.003	1.987	1.972	1.959
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	2.075	2.050	2.027	2.007	1.989	1.973	1.958	1.945
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	2.063	2.037	2.015	1.995	1.976	1.960	1.945	1.932
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	1.974	1.948	1.924	1.904	1.885	1.868	1.853	1.839
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	1.921	1.895	1.871	1.850	1.831	1.814	1.798	1.784
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	1.887	1.860	1.836	1.815	1.796	1.778	1.763	1.748
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	1.863	1.836	1.812	1.790	1.771	1.753	1.737	1.722
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	1.845	1.817	1.793	1.772	1.752	1.734	1.718	1.703
90	3.947	3.098	2.706	2.473	2.316	2.201	2.113	2.043	1.986	1.938	1.897	1.861	1.830	1.803	1.779	1.757	1.737	1.720	1.703	1.688
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	1.819	1.792	1.768	1.746	1.726	1.708	1.691	1.676
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	1.769	1.742	1.717	1.694	1.674	1.656	1.639	1.623
500	3.860	3.014	2.623	2.390	2.232	2.117	2.028	1.957	1.899	1.850	1.808	1.772	1.740	1.712	1.686	1.664	1.643	1.625	1.607	1.592
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	1.730	1.702	1.676	1.654	1.633	1.614	1.597	1.581

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a = 0.95

1 - a = P (F ≤ f_{a,n1,n2})

$n_2 \backslash n_1$	21	22	23	24	25	26	27	28	29	30	40	50	60	70	80	90	100	200	500	1000
1	248.307	248.579	248.823	249.052	249.260	249.453	249.631	249.798	249.951	250.096	251.144	251.774	252.196	252.498	252.723	252.898	253.043	253.676	254.062	254.186
2	19.448	19.450	19.452	19.454	19.456	19.457	19.459	19.460	19.461	19.463	19.471	19.476	19.479	19.481	19.483	19.485	19.486	19.491	19.494	19.495
3	8.654	8.648	8.643	8.638	8.634	8.630	8.626	8.623	8.620	8.617	8.594	8.581	8.572	8.566	8.561	8.557	8.554	8.540	8.532	8.529
4	5.795	5.787	5.781	5.774	5.769	5.763	5.759	5.754	5.750	5.746	5.717	5.699	5.688	5.679	5.673	5.668	5.664	5.646	5.635	5.632
5	4.549	4.541	4.534	4.527	4.521	4.515	4.510	4.505	4.500	4.496	4.464	4.444	4.431	4.422	4.415	4.409	4.405	4.385	4.373	4.369
6	3.865	3.856	3.849	3.841	3.835	3.829	3.823	3.818	3.813	3.808	3.774	3.754	3.740	3.730	3.722	3.716	3.712	3.690	3.678	3.673
7	3.435	3.426	3.418	3.410	3.404	3.397	3.391	3.386	3.381	3.376	3.340	3.319	3.304	3.294	3.286	3.280	3.275	3.252	3.239	3.234
8	3.140	3.131	3.123	3.115	3.108	3.102	3.095	3.090	3.084	3.079	3.043	3.020	3.005	2.994	2.986	2.980	2.975	2.951	2.937	2.932
9	2.926	2.917	2.908	2.900	2.893	2.886	2.880	2.874	2.869	2.864	2.826	2.803	2.787	2.776	2.768	2.761	2.756	2.731	2.717	2.712
10	2.764	2.754	2.745	2.737	2.730	2.723	2.716	2.710	2.705	2.700	2.661	2.637	2.621	2.609	2.601	2.594	2.588	2.563	2.548	2.543
11	2.636	2.626	2.617	2.609	2.601	2.594	2.588	2.582	2.576	2.570	2.531	2.507	2.490	2.478	2.469	2.462	2.457	2.431	2.415	2.410
12	2.533	2.523	2.514	2.505	2.498	2.491	2.484	2.478	2.472	2.466	2.426	2.401	2.384	2.372	2.363	2.356	2.350	2.323	2.307	2.302
13	2.448	2.438	2.429	2.420	2.412	2.405	2.398	2.392	2.386	2.380	2.339	2.314	2.297	2.284	2.275	2.267	2.261	2.234	2.218	2.212
14	2.377	2.367	2.357	2.349	2.341	2.333	2.326	2.320	2.314	2.308	2.266	2.241	2.223	2.210	2.201	2.193	2.187	2.159	2.142	2.136
15	2.316	2.306	2.297	2.288	2.280	2.272	2.265	2.259	2.253	2.247	2.204	2.178	2.160	2.147	2.137	2.130	2.123	2.095	2.078	2.072
16	2.264	2.254	2.244	2.235	2.227	2.220	2.212	2.206	2.200	2.194	2.151	2.124	2.106	2.093	2.083	2.075	2.068	2.039	2.022	2.016
17	2.219	2.208	2.199	2.190	2.181	2.174	2.167	2.160	2.154	2.148	2.104	2.077	2.058	2.045	2.035	2.027	2.020	1.991	1.973	1.967
18	2.179	2.168	2.159	2.150	2.141	2.134	2.126	2.119	2.113	2.107	2.063	2.035	2.017	2.003	1.993	1.985	1.978	1.948	1.929	1.923
19	2.144	2.133	2.123	2.114	2.106	2.098	2.090	2.084	2.077	2.071	2.026	1.999	1.980	1.966	1.955	1.947	1.940	1.910	1.891	1.884
20	2.112	2.102	2.092	2.082	2.074	2.066	2.059	2.052	2.045	2.039	1.994	1.966	1.946	1.932	1.922	1.913	1.907	1.875	1.856	1.850
21	2.084	2.073	2.063	2.054	2.045	2.037	2.030	2.023	2.016	2.010	1.965	1.936	1.916	1.902	1.891	1.883	1.876	1.845	1.825	1.818
22	2.059	2.048	2.038	2.028	2.020	2.012	2.004	1.997	1.990	1.984	1.938	1.909	1.889	1.875	1.864	1.856	1.849	1.817	1.797	1.790
23	2.036	2.025	2.014	2.005	1.996	1.988	1.981	1.973	1.967	1.961	1.914	1.885	1.865	1.850	1.839	1.830	1.823	1.791	1.771	1.764
24	2.015	2.003	1.993	1.984	1.975	1.967	1.959	1.952	1.945	1.939	1.892	1.863	1.842	1.828	1.816	1.808	1.800	1.768	1.747	1.740
25	1.995	1.984	1.974	1.964	1.955	1.947	1.939	1.932	1.926	1.919	1.872	1.842	1.822	1.807	1.796	1.787	1.779	1.746	1.725	1.718
26	1.978	1.966	1.956	1.946	1.938	1.929	1.921	1.914	1.907	1.901	1.853	1.823	1.803	1.788	1.776	1.767	1.760	1.726	1.705	1.698
27	1.961	1.950	1.940	1.930	1.921	1.913	1.905	1.898	1.891	1.884	1.836	1.806	1.785	1.770	1.758	1.749	1.742	1.708	1.686	1.679
28	1.946	1.935	1.924	1.915	1.906	1.897	1.889	1.882	1.875	1.869	1.820	1.790	1.769	1.754	1.742	1.733	1.725	1.691	1.669	1.662
29	1.932	1.921	1.910	1.901	1.891	1.883	1.875	1.868	1.861	1.854	1.806	1.775	1.754	1.738	1.726	1.717	1.710	1.675	1.653	1.645
30	1.919	1.908	1.897	1.887	1.878	1.870	1.862	1.854	1.847	1.841	1.792	1.761	1.740	1.724	1.712	1.703	1.695	1.660	1.637	1.630
40	1.826	1.814	1.803	1.793	1.783	1.775	1.766	1.759	1.751	1.744	1.693	1.660	1.637	1.621	1.608	1.597	1.589	1.551	1.526	1.517
50	1.771	1.759	1.748	1.737	1.727	1.718	1.710	1.702	1.694	1.687	1.634	1.599	1.576	1.558	1.544	1.534	1.525	1.484	1.457	1.448
60	1.735	1.722	1.711	1.700	1.690	1.681	1.672	1.664	1.656	1.649	1.594	1.559	1.534	1.516	1.502	1.491	1.481	1.438	1.409	1.399
70	1.709	1.696	1.685	1.674	1.664	1.654	1.646	1.637	1.629	1.622	1.566	1.530	1.505	1.486	1.471	1.459	1.450	1.404	1.374	1.364
80	1.689	1.677	1.665	1.654	1.644	1.634	1.626	1.617	1.609	1.602	1.545	1.508	1.482	1.463	1.448	1.436	1.426	1.379	1.347	1.336
90	1.675	1.662	1.650	1.639	1.629	1.619	1.610	1.601	1.593	1.586	1.528	1.491	1.465	1.445	1.429	1.417	1.407	1.358	1.326	1.314
100	1.663	1.650	1.638	1.627	1.616	1.607	1.598	1.589	1.581	1.573	1.515	1.477	1.450	1.430	1.415	1.402	1.392	1.342	1.308	1.296
200	1.609	1.596	1.583	1.572	1.561	1.551	1.542	1.533	1.524	1.516	1.455	1.415	1.386	1.364	1.346	1.332	1.321	1.263	1.221	1.205
500	1.577	1.563	1.551	1.539	1.528	1.518	1.508	1.499	1.490	1.482	1.419	1.376	1.345	1.322	1.303	1.288	1.275	1.210	1.159	1.138
1000	1.566	1.553	1.540	1.528	1.517	1.507	1.497	1.488	1.479	1.471	1.406	1.363	1.332	1.308	1.289	1.273	1.260	1.190	1.134	1.110

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a = 0.975

n₁ = grados de libertad del numerador

1 - a = P (F ≤ f_{a,n₁,n₂})

n₂ = grados de libertad del denominador

n ₂ \ n ₁	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	647.793	799.482	864.151	899.599	921.835	937.114	948.203	956.643	963.279	968.634	973.028	976.725	979.839	982.545	984.874	986.911	988.715	990.345	991.800	993.081
2	38.506	39.000	39.166	39.248	39.298	39.331	39.356	39.373	39.387	39.398	39.407	39.415	39.421	39.427	39.431	39.436	39.439	39.442	39.446	39.448
3	17.443	16.044	15.439	15.101	14.885	14.735	14.624	14.540	14.473	14.419	14.374	14.337	14.305	14.277	14.253	14.232	14.213	14.196	14.181	14.167
4	12.218	10.649	9.979	9.604	9.364	9.197	9.074	8.980	8.905	8.844	8.794	8.751	8.715	8.684	8.657	8.633	8.611	8.592	8.575	8.560
5	10.007	8.434	7.764	7.388	7.146	6.978	6.853	6.757	6.681	6.619	6.568	6.525	6.488	6.456	6.428	6.403	6.381	6.362	6.344	6.329
6	8.813	7.260	6.599	6.227	5.988	5.820	5.695	5.600	5.523	5.461	5.410	5.366	5.329	5.297	5.269	5.244	5.222	5.202	5.184	5.168
7	8.073	6.542	5.890	5.523	5.285	5.119	4.995	4.899	4.823	4.761	4.709	4.666	4.628	4.596	4.568	4.543	4.521	4.501	4.483	4.467
8	7.571	6.059	5.416	5.053	4.817	4.652	4.529	4.433	4.357	4.295	4.243	4.200	4.162	4.130	4.101	4.076	4.054	4.034	4.016	3.999
9	7.209	5.715	5.078	4.718	4.484	4.320	4.197	4.102	4.026	3.964	3.912	3.868	3.831	3.798	3.769	3.744	3.722	3.701	3.683	3.667
10	6.937	5.456	4.826	4.468	4.236	4.072	3.950	3.855	3.779	3.717	3.665	3.621	3.583	3.550	3.522	3.496	3.474	3.453	3.435	3.419
11	6.724	5.256	4.630	4.275	4.044	3.881	3.759	3.664	3.588	3.526	3.474	3.430	3.392	3.359	3.330	3.304	3.282	3.261	3.243	3.226
12	6.554	5.096	4.474	4.121	3.891	3.728	3.607	3.512	3.436	3.374	3.321	3.277	3.239	3.206	3.177	3.152	3.129	3.108	3.090	3.073
13	6.414	4.965	4.347	3.996	3.767	3.604	3.483	3.388	3.312	3.250	3.197	3.153	3.115	3.082	3.053	3.027	3.004	2.983	2.965	2.948
14	6.298	4.857	4.242	3.892	3.663	3.501	3.380	3.285	3.209	3.147	3.095	3.050	3.012	2.979	2.949	2.923	2.900	2.879	2.861	2.844
15	6.200	4.765	4.153	3.804	3.576	3.415	3.293	3.199	3.123	3.060	3.008	2.963	2.925	2.891	2.862	2.836	2.813	2.792	2.773	2.756
16	6.115	4.687	4.077	3.729	3.502	3.341	3.219	3.125	3.049	2.986	2.934	2.889	2.851	2.817	2.788	2.761	2.738	2.717	2.698	2.681
17	6.042	4.619	4.011	3.665	3.438	3.277	3.156	3.061	2.985	2.922	2.870	2.825	2.786	2.753	2.723	2.697	2.673	2.652	2.633	2.616
18	5.978	4.560	3.954	3.608	3.382	3.221	3.100	3.005	2.929	2.866	2.814	2.769	2.730	2.696	2.667	2.640	2.617	2.596	2.576	2.559
19	5.922	4.508	3.903	3.559	3.333	3.172	3.051	2.956	2.880	2.817	2.765	2.720	2.681	2.647	2.617	2.591	2.567	2.546	2.526	2.509
20	5.871	4.461	3.859	3.515	3.289	3.128	3.007	2.913	2.837	2.774	2.721	2.676	2.637	2.603	2.573	2.547	2.523	2.501	2.482	2.464
21	5.827	4.420	3.819	3.475	3.250	3.090	2.969	2.874	2.798	2.735	2.682	2.637	2.598	2.564	2.534	2.507	2.483	2.462	2.442	2.425
22	5.786	4.383	3.783	3.440	3.215	3.055	2.934	2.839	2.763	2.700	2.647	2.602	2.563	2.528	2.498	2.472	2.448	2.426	2.407	2.389
23	5.750	4.349	3.750	3.408	3.183	3.023	2.902	2.808	2.731	2.668	2.615	2.570	2.531	2.497	2.466	2.440	2.416	2.394	2.374	2.357
24	5.717	4.319	3.721	3.379	3.155	2.995	2.874	2.779	2.703	2.640	2.586	2.541	2.502	2.468	2.437	2.411	2.386	2.365	2.345	2.327
25	5.686	4.291	3.694	3.353	3.129	2.969	2.848	2.753	2.677	2.613	2.560	2.515	2.476	2.441	2.411	2.384	2.360	2.338	2.318	2.300
26	5.659	4.265	3.670	3.329	3.105	2.945	2.824	2.729	2.653	2.590	2.536	2.491	2.452	2.417	2.387	2.360	2.335	2.314	2.294	2.276
27	5.633	4.242	3.647	3.307	3.083	2.923	2.802	2.707	2.631	2.568	2.514	2.469	2.429	2.395	2.364	2.337	2.313	2.291	2.271	2.253
28	5.610	4.221	3.626	3.286	3.063	2.903	2.782	2.687	2.611	2.547	2.494	2.448	2.409	2.374	2.344	2.317	2.292	2.270	2.251	2.232
29	5.588	4.201	3.607	3.267	3.044	2.884	2.763	2.669	2.592	2.529	2.475	2.430	2.390	2.355	2.325	2.298	2.273	2.251	2.231	2.213
30	5.568	4.182	3.589	3.250	3.026	2.867	2.746	2.651	2.575	2.511	2.458	2.412	2.372	2.338	2.307	2.280	2.255	2.233	2.213	2.195
40	5.424	4.051	3.463	3.126	2.904	2.744	2.624	2.529	2.452	2.388	2.334	2.288	2.248	2.213	2.182	2.154	2.129	2.107	2.086	2.068
50	5.340	3.975	3.390	3.054	2.833	2.674	2.553	2.458	2.381	2.317	2.263	2.216	2.176	2.140	2.109	2.081	2.056	2.033	2.012	1.993
60	5.286	3.925	3.343	3.008	2.786	2.627	2.507	2.412	2.334	2.270	2.216	2.169	2.129	2.093	2.061	2.033	2.008	1.985	1.964	1.944
70	5.247	3.890	3.309	2.975	2.754	2.595	2.474	2.379	2.302	2.237	2.183	2.136	2.095	2.059	2.028	1.999	1.974	1.950	1.929	1.910
80	5.218	3.864	3.284	2.950	2.730	2.571	2.450	2.355	2.277	2.213	2.158	2.111	2.071	2.035	2.003	1.974	1.948	1.925	1.904	1.884
90	5.196	3.844	3.265	2.932	2.711	2.552	2.432	2.336	2.259	2.194	2.140	2.092	2.051	2.015	1.983	1.955	1.929	1.905	1.884	1.864
100	5.179	3.828	3.250	2.917	2.696	2.537	2.417	2.321	2.244	2.179	2.124	2.077	2.036	2.000	1.968	1.939	1.913	1.890	1.868	1.849
200	5.100	3.758	3.182	2.850	2.630	2.472	2.351	2.256	2.178	2.113	2.058	2.010	1.969	1.932	1.900	1.870	1.844	1.820	1.798	1.778
500	5.054	3.716	3.142	2.811	2.592	2.434	2.313	2.217	2.139	2.074	2.019	1.971	1.929	1.892	1.859	1.830	1.803	1.779	1.757	1.736
1000	5.039	3.703	3.129	2.799	2.579	2.421	2.300	2.204	2.126	2.061	2.006	1.958	1.916	1.879	1.846	1.816	1.789	1.765	1.743	1.722

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a =0.975

1 - a = P (F ≤ f_{a,n1,n2})

n ₂ \ n ₁	21	22	23	24	25	26	27	28	29	30	40	50	60	70	80	90	100	200	500	1000
1	994.303	995.351	996.341	997.272	998.087	998.843	999.542	1000.240	1000.823	1001.405	1005.596	1008.098	1009.787	1011.009	1011.911	1012.610	1013.163	1015.724	1017.237	1017.761
2	39.450	39.452	39.455	39.457	39.458	39.459	39.461	39.462	39.463	39.465	39.473	39.478	39.481	39.484	39.486	39.487	39.488	39.493	39.496	39.497
3	14.155	14.144	14.134	14.124	14.115	14.107	14.100	14.093	14.086	14.081	14.036	14.010	13.992	13.979	13.970	13.962	13.956	13.929	13.913	13.908
4	8.546	8.533	8.522	8.511	8.501	8.492	8.483	8.475	8.468	8.461	8.411	8.381	8.360	8.346	8.335	8.326	8.319	8.288	8.270	8.264
5	6.314	6.301	6.289	6.278	6.268	6.258	6.250	6.242	6.234	6.227	6.175	6.144	6.123	6.107	6.096	6.087	6.080	6.048	6.028	6.022
6	5.154	5.141	5.128	5.117	5.107	5.097	5.088	5.080	5.072	5.065	5.012	4.980	4.959	4.943	4.932	4.923	4.915	4.882	4.862	4.856
7	4.452	4.439	4.426	4.415	4.405	4.395	4.386	4.378	4.370	4.362	4.309	4.276	4.254	4.239	4.227	4.218	4.210	4.176	4.156	4.149
8	3.985	3.971	3.959	3.947	3.937	3.927	3.918	3.909	3.901	3.894	3.840	3.807	3.784	3.768	3.756	3.747	3.739	3.705	3.684	3.677
9	3.652	3.638	3.626	3.614	3.604	3.594	3.584	3.576	3.568	3.560	3.505	3.472	3.449	3.433	3.421	3.411	3.403	3.368	3.347	3.340
10	3.403	3.390	3.377	3.365	3.355	3.345	3.335	3.327	3.319	3.311	3.255	3.221	3.198	3.182	3.169	3.160	3.152	3.116	3.094	3.087
11	3.211	3.197	3.184	3.173	3.162	3.152	3.142	3.133	3.125	3.118	3.061	3.027	3.004	2.987	2.974	2.964	2.956	2.920	2.898	2.890
12	3.057	3.043	3.031	3.019	3.008	2.998	2.988	2.979	2.971	2.963	2.906	2.871	2.848	2.831	2.818	2.808	2.800	2.763	2.740	2.733
13	2.932	2.918	2.905	2.893	2.882	2.872	2.862	2.853	2.845	2.837	2.780	2.744	2.720	2.703	2.690	2.680	2.671	2.634	2.611	2.603
14	2.828	2.814	2.801	2.789	2.778	2.767	2.758	2.749	2.740	2.732	2.674	2.638	2.614	2.597	2.583	2.573	2.565	2.526	2.503	2.495
15	2.740	2.726	2.713	2.701	2.689	2.679	2.669	2.660	2.652	2.644	2.585	2.549	2.524	2.506	2.493	2.482	2.474	2.435	2.411	2.403
16	2.665	2.651	2.637	2.625	2.614	2.603	2.594	2.584	2.576	2.568	2.509	2.472	2.447	2.429	2.415	2.405	2.396	2.357	2.333	2.324
17	2.600	2.585	2.572	2.560	2.548	2.538	2.528	2.519	2.510	2.502	2.442	2.405	2.380	2.362	2.348	2.337	2.329	2.289	2.264	2.256
18	2.543	2.529	2.515	2.503	2.491	2.481	2.471	2.461	2.453	2.445	2.384	2.347	2.321	2.303	2.289	2.278	2.269	2.229	2.204	2.195
19	2.493	2.478	2.465	2.452	2.441	2.430	2.420	2.411	2.402	2.394	2.333	2.295	2.270	2.251	2.237	2.226	2.217	2.176	2.150	2.142
20	2.448	2.434	2.420	2.408	2.396	2.385	2.375	2.366	2.357	2.349	2.287	2.249	2.223	2.205	2.190	2.179	2.170	2.128	2.103	2.094
21	2.409	2.394	2.380	2.368	2.356	2.345	2.335	2.325	2.317	2.308	2.246	2.208	2.182	2.163	2.148	2.137	2.128	2.086	2.060	2.051
22	2.373	2.358	2.344	2.332	2.320	2.309	2.299	2.289	2.280	2.272	2.210	2.171	2.145	2.125	2.111	2.099	2.090	2.047	2.021	2.012
23	2.340	2.325	2.312	2.299	2.287	2.276	2.266	2.256	2.247	2.239	2.176	2.137	2.111	2.091	2.077	2.065	2.056	2.013	1.986	1.977
24	2.311	2.296	2.282	2.269	2.257	2.246	2.236	2.226	2.217	2.209	2.146	2.107	2.080	2.060	2.045	2.034	2.024	1.981	1.954	1.945
25	2.284	2.269	2.255	2.242	2.230	2.219	2.209	2.199	2.190	2.182	2.118	2.079	2.052	2.032	2.017	2.005	1.996	1.952	1.924	1.915
26	2.259	2.244	2.230	2.217	2.205	2.194	2.184	2.174	2.165	2.157	2.093	2.053	2.026	2.006	1.991	1.979	1.969	1.925	1.897	1.888
27	2.237	2.222	2.208	2.195	2.183	2.171	2.161	2.151	2.142	2.133	2.069	2.029	2.002	1.982	1.966	1.954	1.945	1.900	1.872	1.862
28	2.216	2.201	2.187	2.174	2.161	2.150	2.140	2.130	2.121	2.112	2.048	2.007	1.980	1.959	1.944	1.932	1.922	1.877	1.848	1.839
29	2.196	2.181	2.167	2.154	2.142	2.131	2.120	2.110	2.101	2.092	2.028	1.987	1.959	1.939	1.923	1.911	1.901	1.855	1.827	1.817
30	2.178	2.163	2.149	2.136	2.124	2.112	2.102	2.092	2.083	2.074	2.009	1.968	1.940	1.920	1.904	1.892	1.882	1.835	1.806	1.797
40	2.051	2.035	2.020	2.007	1.994	1.983	1.972	1.962	1.952	1.943	1.875	1.832	1.803	1.781	1.764	1.751	1.741	1.691	1.659	1.648
50	1.976	1.960	1.945	1.931	1.919	1.907	1.895	1.885	1.875	1.866	1.796	1.752	1.721	1.698	1.681	1.667	1.656	1.603	1.569	1.557
60	1.927	1.911	1.896	1.882	1.869	1.857	1.845	1.835	1.825	1.815	1.744	1.699	1.667	1.643	1.625	1.611	1.599	1.543	1.507	1.495
70	1.892	1.876	1.861	1.847	1.833	1.821	1.810	1.799	1.789	1.779	1.707	1.660	1.628	1.604	1.585	1.570	1.558	1.500	1.463	1.449
80	1.866	1.850	1.835	1.820	1.807	1.795	1.783	1.772	1.762	1.752	1.679	1.632	1.599	1.574	1.555	1.540	1.527	1.467	1.428	1.414
90	1.846	1.830	1.814	1.800	1.787	1.774	1.763	1.752	1.741	1.731	1.657	1.610	1.576	1.551	1.531	1.516	1.503	1.441	1.401	1.386
100	1.830	1.814	1.798	1.784	1.770	1.758	1.746	1.735	1.725	1.715	1.640	1.592	1.558	1.532	1.512	1.496	1.483	1.420	1.378	1.363
200	1.759	1.742	1.726	1.712	1.698	1.685	1.673	1.661	1.650	1.640	1.562	1.511	1.474	1.447	1.425	1.407	1.393	1.320	1.269	1.250
500	1.717	1.700	1.684	1.669	1.655	1.641	1.629	1.617	1.606	1.596	1.515	1.462	1.423	1.394	1.370	1.351	1.336	1.254	1.192	1.166
1000	1.703	1.686	1.670	1.654	1.640	1.627	1.614	1.603	1.591	1.581	1.499	1.445	1.406	1.376	1.352	1.332	1.316	1.230	1.162	1.132

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a = 0.99

n_1 = grados de libertad del numerador

1 - a = P (F ≤ f_{a,n₁,n₂})

n_2 = grados de libertad del denominador

$n_2 \backslash n_1$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	4052.185	4999.340	5403.534	5624.257	5763.955	5858.950	5928.334	5980.954	6022.397	6055.925	6083.399	6106.682	6125.774	6143.004	6156.974	6170.012	6181.188	6191.432	6200.746	6208.662
2	98.502	99.000	99.164	99.251	99.302	99.331	99.357	99.375	99.390	99.397	99.408	99.419	99.422	99.426	99.433	99.437	99.441	99.444	99.448	99.448
3	34.116	30.816	29.457	28.710	28.237	27.911	27.671	27.489	27.345	27.228	27.132	27.052	26.983	26.924	26.872	26.826	26.786	26.751	26.719	26.690
4	21.198	18.000	16.694	15.977	15.522	15.207	14.976	14.799	14.659	14.546	14.452	14.374	14.306	14.249	14.198	14.154	14.114	14.079	14.048	14.019
5	16.258	13.274	12.060	11.392	10.967	10.672	10.456	10.289	10.158	10.051	9.963	9.888	9.825	9.770	9.722	9.680	9.643	9.609	9.580	9.553
6	13.745	10.925	9.780	9.148	8.746	8.466	8.260	8.102	7.976	7.874	7.790	7.718	7.657	7.605	7.559	7.519	7.483	7.451	7.422	7.396
7	12.246	9.547	8.451	7.847	7.460	7.191	6.993	6.840	6.719	6.620	6.538	6.469	6.410	6.359	6.314	6.275	6.240	6.209	6.181	6.155
8	11.259	8.649	7.591	7.006	6.632	6.371	6.178	6.029	5.911	5.814	5.734	5.667	5.609	5.559	5.515	5.477	5.442	5.412	5.384	5.359
9	10.562	8.022	6.992	6.422	6.057	5.802	5.613	5.467	5.351	5.257	5.178	5.111	5.055	5.005	4.962	4.924	4.890	4.860	4.833	4.808
10	10.044	7.559	6.552	5.994	5.636	5.386	5.200	5.057	4.942	4.849	4.772	4.706	4.650	4.601	4.558	4.520	4.487	4.457	4.430	4.405
11	9.646	7.206	6.217	5.668	5.316	5.069	4.886	4.744	4.632	4.539	4.462	4.397	4.342	4.293	4.251	4.213	4.180	4.150	4.123	4.099
12	9.330	6.927	5.953	5.412	5.064	4.821	4.640	4.499	4.388	4.296	4.220	4.155	4.100	4.052	4.010	3.972	3.939	3.910	3.883	3.858
13	9.074	6.701	5.739	5.205	4.862	4.620	4.441	4.302	4.191	4.100	4.025	3.960	3.905	3.857	3.815	3.778	3.745	3.716	3.689	3.665
14	8.862	6.515	5.564	5.035	4.695	4.456	4.278	4.140	4.030	3.939	3.864	3.800	3.745	3.698	3.656	3.619	3.586	3.556	3.529	3.505
15	8.683	6.359	5.417	4.893	4.556	4.318	4.142	4.004	3.895	3.805	3.730	3.666	3.612	3.564	3.522	3.485	3.452	3.423	3.396	3.372
16	8.531	6.226	5.292	4.773	4.437	4.202	4.026	3.890	3.780	3.691	3.616	3.553	3.498	3.451	3.409	3.372	3.339	3.310	3.283	3.259
17	8.400	6.112	5.185	4.669	4.336	4.101	3.927	3.791	3.682	3.593	3.518	3.455	3.401	3.353	3.312	3.275	3.242	3.212	3.186	3.162
18	8.285	6.013	5.092	4.579	4.248	4.015	3.841	3.705	3.597	3.508	3.434	3.371	3.316	3.269	3.227	3.190	3.158	3.128	3.101	3.077
19	8.185	5.926	5.010	4.500	4.171	3.939	3.765	3.631	3.523	3.434	3.360	3.297	3.242	3.195	3.153	3.116	3.084	3.054	3.027	3.003
20	8.096	5.849	4.938	4.431	4.103	3.871	3.699	3.564	3.457	3.368	3.294	3.231	3.177	3.130	3.088	3.051	3.018	2.989	2.962	2.938
21	8.017	5.780	4.874	4.369	4.042	3.812	3.640	3.506	3.398	3.310	3.236	3.173	3.119	3.072	3.030	2.993	2.960	2.931	2.904	2.880
22	7.945	5.719	4.817	4.313	3.988	3.758	3.587	3.453	3.346	3.258	3.184	3.121	3.067	3.019	2.978	2.941	2.908	2.879	2.852	2.827
23	7.881	5.664	4.765	4.264	3.939	3.710	3.539	3.406	3.299	3.211	3.137	3.074	3.020	2.973	2.931	2.894	2.861	2.832	2.805	2.780
24	7.823	5.614	4.718	4.218	3.895	3.667	3.496	3.363	3.256	3.168	3.094	3.032	2.977	2.930	2.889	2.852	2.819	2.789	2.762	2.738
25	7.770	5.568	4.675	4.177	3.855	3.627	3.457	3.324	3.217	3.129	3.056	2.993	2.939	2.892	2.850	2.813	2.780	2.751	2.724	2.699
26	7.721	5.526	4.637	4.140	3.818	3.591	3.421	3.288	3.182	3.094	3.021	2.958	2.904	2.857	2.815	2.778	2.745	2.715	2.688	2.664
27	7.677	5.488	4.601	4.106	3.785	3.558	3.388	3.256	3.149	3.062	2.988	2.926	2.872	2.824	2.783	2.746	2.713	2.683	2.656	2.632
28	7.636	5.453	4.568	4.074	3.754	3.528	3.358	3.226	3.120	3.032	2.959	2.896	2.842	2.795	2.753	2.716	2.683	2.653	2.626	2.602
29	7.598	5.420	4.538	4.045	3.725	3.499	3.330	3.198	3.092	3.005	2.931	2.868	2.814	2.767	2.726	2.689	2.656	2.626	2.599	2.574
30	7.562	5.390	4.510	4.018	3.699	3.473	3.305	3.173	3.067	2.979	2.906	2.843	2.789	2.742	2.700	2.663	2.630	2.600	2.573	2.549
40	7.314	5.178	4.313	3.828	3.514	3.291	3.124	2.993	2.888	2.801	2.727	2.665	2.611	2.563	2.522	2.484	2.451	2.421	2.394	2.369
50	7.171	5.057	4.199	3.720	3.408	3.186	3.020	2.890	2.785	2.698	2.625	2.563	2.508	2.461	2.419	2.382	2.348	2.318	2.290	2.265
60	7.077	4.977	4.126	3.649	3.339	3.119	2.953	2.823	2.718	2.632	2.559	2.496	2.442	2.394	2.352	2.315	2.281	2.251	2.223	2.198
70	7.011	4.922	4.074	3.600	3.291	3.071	2.906	2.777	2.672	2.585	2.512	2.450	2.395	2.348	2.306	2.268	2.234	2.204	2.176	2.150
80	6.963	4.881	4.036	3.563	3.255	3.036	2.871	2.742	2.637	2.551	2.478	2.415	2.361	2.313	2.271	2.233	2.199	2.169	2.141	2.115
90	6.925	4.849	4.007	3.535	3.228	3.009	2.845	2.715	2.611	2.524	2.451	2.389	2.334	2.286	2.244	2.206	2.172	2.142	2.114	2.088
100	6.895	4.824	3.984	3.513	3.206	2.988	2.823	2.694	2.590	2.503	2.430	2.368	2.313	2.265	2.223	2.185	2.151	2.120	2.092	2.067
200	6.763	4.713	3.881	3.414	3.110	2.893	2.730	2.601	2.497	2.411	2.338	2.275	2.220	2.172	2.129	2.091	2.057	2.026	1.997	1.971
500	6.686	4.648	3.821	3.357	3.054	2.838	2.675	2.547	2.443	2.356	2.283	2.220	2.166	2.117	2.075	2.036	2.002	1.970	1.942	1.915
1000	6.660	4.626	3.801	3.338	3.036	2.820	2.657	2.529	2.425	2.339	2.265	2.203	2.148	2.099	2.056	2.018	1.983	1.952	1.923	1.897

Elaborada por Irene Patricia Valdez y Alfaro.

Tabla 5. VALORES F DE LA DISTRIBUCIÓN F DE FISHER

1 - a = 0.99

1 - a = P (F ≤ f_{a,n1,n2})

n ₂ \ n ₁	21	22	23	24	25	26	27	28	29	30	40	50	60	70	80	90	100	200	500	1000
1	6216.113	6223.097	6228.685	6234.273	6239.861	6244.518	6249.174	6252.900	6257.091	6260.350	6286.427	6302.260	6312.970	6320.886	6326.474	6330.665	6333.925	6349.757	6359.536	6362.796
2	99.451	99.455	99.455	99.455	99.459	99.462	99.462	99.462	99.462	99.466	99.477	99.477	99.484	99.484	99.484	99.488	99.491	99.491	99.499	99.499
3	26.664	26.639	26.617	26.597	26.579	26.562	26.546	26.531	26.517	26.504	26.411	26.354	26.316	26.289	26.269	26.253	26.241	26.183	26.148	26.137
4	13.994	13.970	13.949	13.929	13.911	13.894	13.878	13.864	13.850	13.838	13.745	13.690	13.652	13.626	13.605	13.590	13.577	13.520	13.486	13.475
5	9.528	9.506	9.485	9.466	9.449	9.433	9.418	9.404	9.391	9.379	9.291	9.238	9.202	9.176	9.157	9.142	9.130	9.075	9.042	9.032
6	7.372	7.351	7.331	7.313	7.296	7.281	7.266	7.253	7.240	7.229	7.143	7.091	7.057	7.032	7.013	6.998	6.987	6.934	6.901	6.891
7	6.132	6.111	6.092	6.074	6.058	6.043	6.029	6.016	6.003	5.992	5.908	5.858	5.824	5.799	5.781	5.766	5.755	5.702	5.671	5.660
8	5.336	5.316	5.297	5.279	5.263	5.248	5.234	5.221	5.209	5.198	5.116	5.065	5.032	5.007	4.989	4.975	4.963	4.911	4.880	4.869
9	4.786	4.765	4.746	4.729	4.713	4.698	4.684	4.672	4.660	4.649	4.567	4.517	4.483	4.459	4.441	4.426	4.415	4.363	4.332	4.321
10	4.383	4.363	4.344	4.327	4.311	4.296	4.283	4.270	4.258	4.247	4.165	4.115	4.082	4.058	4.039	4.025	4.014	3.962	3.930	3.920
11	4.077	4.057	4.038	4.021	4.005	3.990	3.977	3.964	3.952	3.941	3.860	3.810	3.776	3.752	3.734	3.719	3.708	3.656	3.624	3.613
12	3.836	3.816	3.798	3.780	3.765	3.750	3.736	3.724	3.712	3.701	3.619	3.569	3.535	3.511	3.493	3.478	3.467	3.414	3.382	3.372
13	3.643	3.622	3.604	3.587	3.571	3.556	3.543	3.530	3.518	3.507	3.425	3.375	3.341	3.317	3.298	3.284	3.272	3.219	3.187	3.176
14	3.483	3.463	3.444	3.427	3.412	3.397	3.383	3.371	3.359	3.348	3.266	3.215	3.181	3.157	3.138	3.124	3.112	3.059	3.026	3.015
15	3.350	3.330	3.311	3.294	3.278	3.264	3.250	3.237	3.225	3.214	3.132	3.081	3.047	3.022	3.004	2.989	2.977	2.923	2.891	2.880
16	3.237	3.216	3.198	3.181	3.165	3.150	3.137	3.124	3.112	3.101	3.018	2.967	2.933	2.908	2.889	2.875	2.863	2.808	2.775	2.764
17	3.139	3.119	3.101	3.083	3.068	3.053	3.039	3.026	3.014	3.003	2.920	2.869	2.835	2.810	2.791	2.776	2.764	2.709	2.676	2.664
18	3.055	3.035	3.016	2.999	2.983	2.968	2.955	2.942	2.930	2.919	2.835	2.784	2.749	2.724	2.705	2.690	2.678	2.623	2.589	2.577
19	2.981	2.961	2.942	2.925	2.909	2.894	2.880	2.868	2.855	2.844	2.761	2.709	2.674	2.649	2.630	2.614	2.602	2.547	2.512	2.501
20	2.916	2.895	2.877	2.859	2.843	2.829	2.815	2.802	2.790	2.778	2.695	2.643	2.608	2.582	2.563	2.548	2.535	2.479	2.445	2.433
21	2.857	2.837	2.818	2.801	2.785	2.770	2.756	2.743	2.731	2.720	2.636	2.584	2.548	2.523	2.503	2.488	2.476	2.419	2.384	2.372
22	2.805	2.785	2.766	2.749	2.733	2.718	2.704	2.691	2.679	2.667	2.583	2.531	2.495	2.469	2.450	2.434	2.422	2.365	2.329	2.317
23	2.758	2.738	2.719	2.702	2.686	2.671	2.657	2.644	2.632	2.620	2.536	2.483	2.447	2.421	2.401	2.386	2.373	2.316	2.280	2.268
24	2.716	2.695	2.676	2.659	2.643	2.628	2.614	2.601	2.589	2.577	2.492	2.440	2.403	2.377	2.357	2.342	2.329	2.271	2.235	2.223
25	2.677	2.657	2.638	2.620	2.604	2.589	2.575	2.562	2.550	2.538	2.453	2.400	2.364	2.337	2.317	2.302	2.289	2.230	2.194	2.182
26	2.642	2.621	2.602	2.585	2.569	2.554	2.540	2.526	2.514	2.503	2.417	2.364	2.327	2.301	2.281	2.265	2.252	2.193	2.156	2.144
27	2.609	2.589	2.570	2.552	2.536	2.521	2.507	2.494	2.481	2.470	2.384	2.330	2.294	2.267	2.247	2.231	2.218	2.159	2.122	2.109
28	2.579	2.559	2.540	2.522	2.506	2.491	2.477	2.464	2.451	2.440	2.354	2.300	2.263	2.236	2.216	2.200	2.187	2.127	2.090	2.077
29	2.552	2.531	2.512	2.495	2.478	2.463	2.449	2.436	2.423	2.412	2.325	2.271	2.234	2.207	2.187	2.171	2.158	2.097	2.060	2.047
30	2.526	2.506	2.487	2.469	2.453	2.437	2.423	2.410	2.398	2.386	2.299	2.245	2.208	2.181	2.160	2.144	2.131	2.070	2.032	2.019
40	2.346	2.325	2.306	2.288	2.271	2.256	2.241	2.228	2.215	2.203	2.114	2.058	2.019	1.991	1.969	1.952	1.938	1.874	1.833	1.819
50	2.242	2.221	2.202	2.183	2.167	2.151	2.136	2.123	2.110	2.098	2.007	1.949	1.909	1.880	1.857	1.839	1.825	1.757	1.713	1.698
60	2.175	2.153	2.134	2.115	2.098	2.083	2.068	2.054	2.041	2.028	1.936	1.877	1.836	1.806	1.783	1.764	1.749	1.678	1.633	1.617
70	2.127	2.106	2.086	2.067	2.050	2.034	2.019	2.005	1.992	1.980	1.886	1.826	1.785	1.754	1.730	1.711	1.695	1.622	1.574	1.558
80	2.092	2.070	2.050	2.032	2.015	1.999	1.983	1.969	1.956	1.944	1.849	1.788	1.746	1.714	1.690	1.671	1.655	1.579	1.530	1.512
90	2.065	2.043	2.023	2.004	1.987	1.971	1.956	1.942	1.928	1.916	1.820	1.759	1.716	1.684	1.659	1.639	1.623	1.546	1.494	1.476
100	2.043	2.021	2.001	1.983	1.965	1.949	1.934	1.919	1.906	1.893	1.797	1.735	1.692	1.659	1.634	1.614	1.598	1.518	1.466	1.447
200	1.947	1.925	1.905	1.886	1.868	1.851	1.836	1.821	1.807	1.794	1.694	1.629	1.583	1.548	1.521	1.499	1.481	1.391	1.328	1.304
500	1.891	1.869	1.848	1.829	1.810	1.794	1.778	1.763	1.749	1.735	1.633	1.566	1.517	1.481	1.452	1.428	1.408	1.308	1.232	1.201
1000	1.872	1.850	1.829	1.810	1.791	1.774	1.758	1.743	1.729	1.716	1.613	1.544	1.495	1.458	1.428	1.404	1.383	1.278	1.195	1.159

Elaborada por Irene Patricia Valdez y Alfaro.