

F table for alpha = .01 (Table E.4)

$\alpha =$		Degrees of Freedom for Numerator (df between)																
		1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50	
0.01	1	4052.185	4999.340	5403.534	5624.257	5763.955	5858.950	5928.334	5980.954	6022.397	6055.925	6156.974	6208.662	6239.861	6260.350	6286.427	6302.260	
	2	98.502	99.000	99.164	99.251	99.302	99.331	99.357	99.375	99.390	99.397	99.433	99.448	99.459	99.466	99.477	99.477	
	3	34.116	30.816	29.457	28.710	28.237	27.911	27.671	27.489	27.345	27.228	26.872	26.690	26.579	26.504	26.411	26.354	
	4	21.198	18.000	16.694	15.977	15.522	15.207	14.976	14.799	14.659	14.546	14.198	14.019	13.911	13.838	13.745	13.690	
	5	16.258	13.274	12.060	11.392	10.967	10.672	10.456	10.289	10.158	10.051	9.722	9.553	9.449	9.379	9.291	9.238	
	6	13.745	10.925	9.780	9.148	8.746	8.466	8.260	8.102	7.976	7.874	7.559	7.396	7.296	7.229	7.143	7.091	
	7	12.246	9.547	8.451	7.847	7.460	7.191	6.993	6.840	6.719	6.620	6.314	6.155	6.058	5.992	5.908	5.858	
	8	11.259	8.649	7.591	7.006	6.632	6.371	6.178	6.029	5.911	5.814	5.515	5.359	5.263	5.198	5.116	5.065	
	9	10.562	8.022	6.992	6.422	6.057	5.802	5.613	5.467	5.351	5.257	4.962	4.808	4.713	4.649	4.567	4.517	
	10	10.044	7.559	6.552	5.994	5.636	5.386	5.200	5.057	4.942	4.849	4.558	4.405	4.311	4.247	4.165	4.115	
	11	9.646	7.206	6.217	5.668	5.316	5.069	4.886	4.744	4.632	4.539	4.251	4.099	4.005	3.941	3.860	3.810	
	12	9.330	6.927	5.953	5.412	5.064	4.821	4.640	4.499	4.388	4.296	4.010	3.858	3.765	3.701	3.619	3.569	
	13	9.074	6.701	5.739	5.205	4.862	4.620	4.441	4.302	4.191	4.100	3.815	3.665	3.571	3.507	3.425	3.375	
	14	8.862	6.515	5.564	5.035	4.695	4.456	4.278	4.140	4.030	3.939	3.656	3.505	3.412	3.348	3.266	3.215	
	15	8.683	6.359	5.417	4.893	4.556	4.318	4.142	4.004	3.895	3.805	3.522	3.372	3.278	3.214	3.132	3.081	
	16	8.531	6.226	5.292	4.773	4.437	4.202	4.026	3.890	3.780	3.691	3.409	3.259	3.165	3.101	3.018	2.967	
	17	8.400	6.112	5.185	4.669	4.336	4.101	3.927	3.791	3.682	3.593	3.312	3.162	3.068	3.003	2.920	2.869	
	18	8.285	6.013	5.092	4.579	4.248	4.015	3.841	3.705	3.597	3.508	3.227	3.077	2.983	2.919	2.835	2.784	
	19	8.185	5.926	5.010	4.500	4.171	3.939	3.765	3.631	3.523	3.434	3.153	3.003	2.909	2.844	2.761	2.709	
	20	8.096	5.849	4.938	4.431	4.103	3.871	3.699	3.564	3.457	3.368	3.088	2.938	2.843	2.778	2.695	2.643	
22	7.945	5.719	4.817	4.313	3.988	3.758	3.587	3.453	3.346	3.258	2.978	2.827	2.733	2.667	2.583	2.531		
24	7.823	5.614	4.718	4.218	3.895	3.667	3.496	3.363	3.256	3.168	2.889	2.738	2.643	2.577	2.492	2.440		
26	7.721	5.526	4.637	4.140	3.818	3.591	3.421	3.288	3.182	3.094	2.815	2.664	2.569	2.503	2.417	2.364		
28	7.636	5.453	4.568	4.074	3.754	3.528	3.358	3.226	3.120	3.032	2.753	2.602	2.506	2.440	2.354	2.300		
30	7.562	5.390	4.510	4.018	3.699	3.473	3.305	3.173	3.067	2.979	2.700	2.549	2.453	2.386	2.299	2.245		
40	7.314	5.178	4.313	3.828	3.514	3.291	3.124	2.993	2.888	2.801	2.522	2.369	2.271	2.203	2.114	2.058		
50	7.171	5.057	4.199	3.720	3.408	3.186	3.020	2.890	2.785	2.698	2.419	2.265	2.167	2.098	2.007	1.949		
60	7.077	4.977	4.126	3.649	3.339	3.119	2.953	2.823	2.718	2.632	2.352	2.198	2.098	2.028	1.936	1.877		
120	6.851	4.787	3.949	3.480	3.174	2.956	2.792	2.663	2.559	2.472	2.191	2.035	1.932	1.860	1.763	1.700		
200	6.763	4.713	3.881	3.414	3.110	2.893	2.730	2.601	2.497	2.411	2.129	1.971	1.868	1.794	1.694	1.629		
500	6.686	4.648	3.821	3.357	3.054	2.838	2.675	2.547	2.443	2.356	2.075	1.915	1.810	1.735	1.633	1.566		
1000	6.660	4.626	3.801	3.338	3.036	2.820	2.657	2.529	2.425	2.339	2.056	1.897	1.791	1.716	1.613	1.544		