

F Distribution:		Critical Values for a Right Tail with Area .10									
	DF1	1	2	3	4	5	6	7	8	9	10
DF2	1	39.8635	49.5000	53.5932	55.8330	57.2401	58.2044	58.9059	59.4390	59.8576	60.1950
	2	8.5263	9.0000	9.1618	9.2434	9.2926	9.3255	9.3491	9.3668	9.3805	9.3916
	3	5.5383	5.4624	5.3908	5.3426	5.3092	5.2847	5.2662	5.2517	5.2400	5.2304
	4	4.5448	4.3246	4.1909	4.1072	4.0506	4.0098	3.9790	3.9549	3.9357	3.9199
	5	4.0604	3.7797	3.6195	3.5202	3.4530	3.4045	3.3679	3.3393	3.3163	3.2974
	6	3.7759	3.4633	3.2888	3.1808	3.1075	3.0545	3.0145	2.9830	2.9577	2.9369
	7	3.5894	3.2574	3.0741	2.9605	2.8833	2.8274	2.7849	2.7516	2.7247	2.7025
	8	3.4579	3.1131	2.9238	2.8064	2.7264	2.6683	2.6241	2.5894	2.5612	2.5380
	9	3.3603	3.0065	2.8129	2.6927	2.6106	2.5509	2.5053	2.4694	2.4403	2.4163
	10	3.2850	2.9245	2.7277	2.6053	2.5216	2.4606	2.4140	2.3771	2.3473	2.3226
	11	3.2252	2.8595	2.6602	2.5362	2.4512	2.3891	2.3416	2.3040	2.2735	2.2482
	12	3.1766	2.8068	2.6055	2.4801	2.3940	2.3310	2.2828	2.2446	2.2135	2.1878
	13	3.1362	2.7632	2.5603	2.4337	2.3467	2.2830	2.2341	2.1953	2.1638	2.1376
	14	3.1022	2.7265	2.5222	2.3947	2.3069	2.2426	2.1931	2.1539	2.1220	2.0954
	15	3.0732	2.6952	2.4898	2.3614	2.2730	2.2081	2.1582	2.1185	2.0862	2.0593
	16	3.0481	2.6682	2.4618	2.3327	2.2438	2.1783	2.1280	2.0880	2.0553	2.0282
	17	3.0262	2.6446	2.4374	2.3077	2.2182	2.1524	2.1017	2.0613	2.0284	2.0009
	18	3.0070	2.6239	2.4160	2.2858	2.1958	2.1296	2.0785	2.0379	2.0047	1.9770
	19	2.9899	2.6056	2.3970	2.2663	2.1760	2.1094	2.0580	2.0171	1.9836	1.9557
	20	2.9747	2.5892	2.3801	2.2489	2.1582	2.0913	2.0397	1.9985	1.9648	1.9367
	21	2.9610	2.5746	2.3649	2.2333	2.1423	2.0751	2.0232	1.9819	1.9480	1.9197
	22	2.9486	2.5613	2.3512	2.2193	2.1279	2.0605	2.0084	1.9668	1.9327	1.9042
	23	2.9374	2.5493	2.3387	2.2065	2.1149	2.0472	1.9949	1.9531	1.9189	1.8902
	24	2.9271	2.5383	2.3274	2.1949	2.1030	2.0351	1.9826	1.9407	1.9062	1.8775
	25	2.9177	2.5283	2.3170	2.1842	2.0922	2.0241	1.9714	1.9292	1.8947	1.8658
	26	2.9091	2.5191	2.3075	2.1745	2.0822	2.0139	1.9610	1.9188	1.8841	1.8550
	27	2.9012	2.5106	2.2987	2.1655	2.0730	2.0045	1.9515	1.9091	1.8743	1.8451
	28	2.8939	2.5028	2.2906	2.1571	2.0645	1.9958	1.9427	1.9001	1.8652	1.8359
	29	2.8870	2.4955	2.2831	2.1494	2.0566	1.9878	1.9345	1.8918	1.8568	1.8274
	30	2.8807	2.4887	2.2761	2.1422	2.0492	1.9803	1.9269	1.8841	1.8490	1.8195
	40	2.8354	2.4404	2.2261	2.0909	1.9968	1.9269	1.8725	1.8289	1.7929	1.7627
	60	2.7911	2.3933	2.1774	2.0410	1.9457	1.8747	1.8194	1.7748	1.7380	1.7070
	inf	2.7055	2.3026	2.0838	1.9449	1.8473	1.7741	1.7167	1.6702	1.6315	1.5987

F Distribution:		Critical Values for a Right Tail with Area .10 (continued)									
	DF1	12	15	20	24	30	40	60	120	INF	
DF2	1	60.7052	61.2203	61.7403	62.0020	62.2650	62.5290	62.7943	63.0606	63.3281	
	2	9.4081	9.4247	9.4413	9.4496	9.4579	9.4662	9.4746	9.4829	9.4912	
	3	5.2156	5.2003	5.1845	5.1764	5.1681	5.1597	5.1512	5.1425	5.1337	
	4	3.8955	3.8704	3.8443	3.8310	3.8174	3.8036	3.7896	3.7753	3.7607	
	5	3.2682	3.2380	3.2066	3.1905	3.1741	3.1573	3.1402	3.1228	3.1050	
	6	2.9047	2.8712	2.8363	2.8183	2.8000	2.7812	2.7620	2.7423	2.7222	
	7	2.6681	2.6322	2.5947	2.5753	2.5555	2.5351	2.5142	2.4928	2.4708	
	8	2.5020	2.4642	2.4246	2.4041	2.3830	2.3614	2.3391	2.3162	2.2926	
	9	2.3789	2.3396	2.2983	2.2768	2.2547	2.2320	2.2085	2.1843	2.1592	
	10	2.2841	2.2435	2.2007	2.1784	2.1554	2.1317	2.1072	2.0818	2.0554	
	11	2.2087	2.1671	2.1231	2.1000	2.0762	2.0516	2.0261	1.9996	1.9721	
	12	2.1474	2.1048	2.0597	2.0360	2.0115	1.9861	1.9597	1.9323	1.9036	
	13	2.0966	2.0532	2.0070	1.9827	1.9576	1.9315	1.9043	1.8759	1.8462	
	14	2.0537	2.0095	1.9625	1.9377	1.9119	1.8852	1.8572	1.8280	1.7973	
	15	2.0171	1.9722	1.9243	1.8990	1.8728	1.8454	1.8168	1.7867	1.7550	
	16	1.9854	1.9399	1.8913	1.8656	1.8388	1.8108	1.7816	1.7508	1.7182	
	17	1.9577	1.9117	1.8624	1.8362	1.8090	1.7805	1.7506	1.7191	1.6856	
	18	1.9333	1.8868	1.8369	1.8103	1.7827	1.7537	1.7232	1.6910	1.6567	
	19	1.9117	1.8647	1.8142	1.7873	1.7592	1.7298	1.6988	1.6659	1.6308	
	20	1.8924	1.8449	1.7938	1.7667	1.7382	1.7083	1.6768	1.6433	1.6074	
	21	1.8750	1.8272	1.7755	1.7481	1.7193	1.6890	1.6569	1.6228	1.5861	
	22	1.8593	1.8111	1.7590	1.7312	1.7021	1.6714	1.6388	1.6041	1.5668	
	23	1.8450	1.7964	1.7439	1.7159	1.6864	1.6554	1.6224	1.5871	1.5490	
	24	1.8319	1.7831	1.7302	1.7019	1.6721	1.6407	1.6073	1.5715	1.5327	
	25	1.8200	1.7708	1.7175	1.6890	1.6589	1.6272	1.5934	1.5570	1.5176	
	26	1.8090	1.7596	1.7059	1.6771	1.6468	1.6147	1.5805	1.5437	1.5036	
	27	1.7989	1.7492	1.6951	1.6662	1.6356	1.6032	1.5686	1.5313	1.4906	
	28	1.7895	1.7395	1.6852	1.6560	1.6252	1.5925	1.5575	1.5198	1.4784	
	29	1.7808	1.7306	1.6759	1.6465	1.6155	1.5825	1.5472	1.5090	1.4670	
	30	1.7727	1.7223	1.6673	1.6377	1.6065	1.5732	1.5376	1.4989	1.4564	
	40	1.7146	1.6624	1.6052	1.5741	1.5411	1.5056	1.4672	1.4248	1.3769	
	60	1.6574	1.6034	1.5435	1.5107	1.4755	1.4373	1.3952	1.3476	1.2915	
	inf	1.5458	1.4871	1.4206	1.3832	1.3419	1.2951	1.2400	1.1686	1.0000	