P{ F-test passed | $\sigma_{1,2} \sim \sigma_0 * U(1 - d, 1 + d)$ }; d = 0: P = P_0 = 0.95

n	5	10	20	30	40	50	60	70	80	90	100	150	200	250
F(n - 1, n - 1)	9.6045	4.0260	2.5265	2.1010	1.8907	1.7622	1.6741	1.6093	1.5593	1.5192	1.4862	1.3804	1.3214	1.2827
d = 0.05 (5%)	0.950	0.949	0.947	0.945	0.943	0.941	0.939	0.937	0.935	0.933	0.931	0.921	0.911	0.901
d = 0.10 (10%)	0.948	0.944	0.937	0.929	0.920	0.912	0.904	0.896	0.888	0.880	0.872	0.833	0.796	0.762
d = 0.15 (15%)	0.946	0.937	0.919	0.900	0.882	0.863	0.846	0.828	0.812	0.795	0.780	0.711	0.656	0.612
d = 0.20 (20%)	0.942	0.926	0.893	0.860	0.829	0.799	0.771	0.745	0.722	0.700	0.680	0.599	0.542	0.498
d = 0.25 (25%)	0.937	0.912	0.860	0.810	0.766	0.727	0.693	0.662	0.636	0.612	0.591	0.510	0.457	0.417

d = 0.10 (10%)		n2			
		20	50	100	200
n1	10	0.942	0.939	0.937	0.936
	20		0.930	0.926	0.923
	50			0.899	0.888
	100				0.854

d = 0.20 (20%)		n2			
		20	50	100	200
n1	10	0.915	0.904	0.898	0.896
	20		0.865	0.850	0.841
	50			0.754	0.723
	100				0.623