

Table 1: Simulation results for different n and n_{fisher} .

n	n_{fisher}	Coverage	Type I Error	Time for p -value (sec.)	Time for RBCI (sec.)
50	10000	0.963	0.037	0.7	22.5
50	20000	0.951	0.049	1.4	45.0
100	10000	0.954	0.046	0.8	23.2
100	20000	0.958	0.042	1.5	46.2
500	10000	0.944	0.056	1.0	25.6
500	20000	0.940	0.060	2.1	51.8
1000	10000	0.944	0.056	1.3	28.3
1000	20000	0.956	0.044	2.8	56.5
5000	10000	0.944	0.056	5.1	62.1
5000	20000	0.959	0.041	9.5	122.4
10000	10000	0.949	0.051	13.0	146.4
10000	20000	0.965	0.035	28.0	282.4

Note: “Coverage” is the empirical coverage probability in 1000 replications; “Time for p -value (sec.)” and “Time for RBCI (sec.)” are the time required for calculating one p -value/RBCI on a personal laptop, not the time required for 1000 replications.