Tables of simulation results

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Simple random sampling

Type I errors ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	2	0.100	0.009	0.045	0.007	0.008	0.003
WaldVCF	1000	1000	2	0.098	0.009	0.045	0.007	0.008	0.003
WaldDiag,MM3	1000	1000	2	0.032	0.006	0.007	0.003	0.000	0.000
WaldDiag,RS2	1000	1000	2	0.032	0.006	0.008	0.003	0.000	0.000
Pearson,MM3	1000	1000	2	0.073	0.008	0.029	0.005	0.004	0.002
Pearson,RS2	1000	1000	2	0.072	0.008	0.030	0.005	0.004	0.002
1F 8V									
Wald	1000	1000	0	0.094	0.009	0.043	0.006	0.008	0.003
WaldVCF	1000	1000	0	0.092	0.009	0.041	0.006	0.008	0.003
WaldDiag,MM3	1000	1000	0	0.052	0.007	0.023	0.005	0.005	0.002
WaldDiag,RS2	1000	1000	0	0.054	0.007	0.024	0.005	0.005	0.002
Pearson,MM3	1000	1000	0	0.086	0.009	0.038	0.006	0.004	0.002
Pearson,RS2	1000	1000	0	0.086	0.009	0.043	0.006	0.005	0.002
1F 15V									
Wald	1000	1000	15	0.102	0.010	0.064	0.008	0.020	0.004
WaldVCF	1000	1000	15	0.101	0.010	0.061	0.008	0.019	0.004
WaldDiag,MM3	1000	1000	15	0.065	0.008	0.033	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	15	0.066	0.008	0.034	0.006	0.009	0.003
Pearson,MM3	1000	1000	15	0.093	0.009	0.043	0.006	0.010	0.003
Pearson,RS2	1000	1000	15	0.094	0.009	0.047	0.007	0.011	0.003
2F 10V									
Wald	1000	1000	8	0.112	0.010	0.053	0.007	0.010	0.003
WaldVCF	1000	1000	8	0.105	0.010	0.051	0.007	0.008	0.003
WaldDiag,MM3	1000	1000	8	0.026	0.005	0.005	0.002	0.000	0.000
WaldDiag,RS2	1000	1000	8	0.028	0.005	0.005	0.002	0.000	0.000
Pearson,MM3	1000	1000	8	0.081	0.009	0.044	0.006	0.009	0.003
Pearson,RS2	1000	1000	8	0.081	0.009	0.045	0.007	0.009	0.003
3F 15V									
Wald	1000	1000	24	0.113	0.010	0.063	0.008	0.005	0.002
WaldVCF	1000	1000	24	0.106	0.010	0.058	0.007	0.004	0.002
WaldDiag,MM3	1000	1000	24	0.025	0.005	0.008	0.003	0.000	0.000
WaldDiag,RS2	1000	1000	24	0.026	0.005	0.009	0.003	0.000	0.000
Pearson,MM3	1000	1000	24	0.091	0.009	0.050	0.007	0.008	0.003
Pearson,RS2	1000	1000	24	0.093	0.009	0.053	0.007	0.009	0.003

Type I errors ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.116	0.010	0.064	0.008	0.008	0.003
WaldVCF	1000	1000	0	0.114	0.010	0.061	0.008	0.008	0.003
WaldDiag,MM3	1000	1000	0	0.065	0.008	0.031	0.005	0.003	0.002
WaldDiag,RS2	1000	1000	0	0.064	0.008	0.032	0.006	0.003	0.002
Pearson,MM3	1000	1000	0	0.087	0.009	0.046	0.007	0.012	0.003
Pearson,RS2	1000	1000	0	0.087	0.009	0.050	0.007	0.014	0.004
1F 8V									
Wald	1000	1000	1	0.112	0.010	0.067	0.008	0.008	0.003
WaldVCF	1000	1000	1	0.111	0.010	0.066	0.008	0.008	0.003
WaldDiag,MM3	1000	1000	1	0.083	0.009	0.040	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	1	0.083	0.009	0.041	0.006	0.009	0.003
Pearson,MM3	1000	1000	1	0.094	0.009	0.039	0.006	0.004	0.002
Pearson,RS2	1000	1000	1	0.096	0.009	0.043	0.006	0.008	0.003
1F 15V									
Wald	1000	1000	7	0.098	0.009	0.058	0.007	0.017	0.004
WaldVCF	1000	1000	7	0.097	0.009	0.058	0.007	0.016	0.004
WaldDiag,MM3	1000	1000	7	0.066	0.008	0.042	0.006	0.010	0.003
WaldDiag,RS2	1000	1000	7	0.067	0.008	0.042	0.006	0.011	0.003
Pearson,MM3	1000	1000	7	0.094	0.009	0.045	0.007	0.013	0.004
Pearson,RS2	1000	1000	7	0.095	0.009	0.048	0.007	0.014	0.004
2F 10V									
Wald	1000	1000	5	0.101	0.010	0.051	0.007	0.012	0.003
WaldVCF	1000	1000	5	0.097	0.009	0.050	0.007	0.011	0.003
WaldDiag,MM3	1000	1000	5	0.052	0.007	0.023	0.005	0.002	0.001
WaldDiag,RS2	1000	1000	5	0.054	0.007	0.023	0.005	0.003	0.002
Pearson,MM3	1000	1000	5	0.104	0.010	0.056	0.007	0.014	0.004
Pearson,RS2	1000	1000	5	0.105	0.010	0.061	0.008	0.016	0.004
3F 15V									
Wald	1000	1000	34	0.115	0.010	0.061	0.008	0.013	0.004
WaldVCF	1000	1000	34	0.109	0.010	0.056	0.007	0.013	0.004
WaldDiag,MM3	1000	1000	34	0.057	0.007	0.025	0.005	0.006	0.002
WaldDiag,RS2	1000	1000	34	0.057	0.007	0.026	0.005	0.007	0.003
Pearson,MM3	1000	1000	34	0.108	0.010	0.064	0.008	0.012	0.003
Pearson,RS2	1000	1000	34	0.111	0.010	0.067	0.008	0.017	0.004

Type I errors ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.097	0.009	0.046	0.007	0.015	0.004
WaldVCF	1000	1000	0	0.096	0.009	0.046	0.007	0.015	0.004
WaldDiag,MM3	1000	1000	0	0.067	0.008	0.029	0.005	0.010	0.003
WaldDiag,RS2	1000	1000	0	0.066	0.008	0.030	0.005	0.013	0.004
Pearson,MM3	1000	1000	0	0.090	0.009	0.048	0.007	0.014	0.004
Pearson,RS2	1000	1000	0	0.088	0.009	0.049	0.007	0.015	0.004
1F 8V									
Wald	1000	1000	4	0.099	0.009	0.046	0.007	0.007	0.003
WaldVCF	1000	1000	4	0.099	0.009	0.046	0.007	0.007	0.003
WaldDiag,MM3	1000	1000	4	0.079	0.009	0.033	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	4	0.081	0.009	0.036	0.006	0.009	0.003
Pearson,MM3	1000	1000	4	0.097	0.009	0.053	0.007	0.009	0.003
Pearson,RS2	1000	1000	4	0.097	0.009	0.059	0.007	0.012	0.003
1F 15V									
Wald	1000	1000	19	0.090	0.009	0.045	0.007	0.006	0.002
WaldVCF	1000	1000	19	0.089	0.009	0.045	0.007	0.006	0.002
WaldDiag,MM3	1000	1000	19	0.067	0.008	0.032	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	19	0.067	0.008	0.034	0.006	0.008	0.003
Pearson,MM3	1000	1000	19	0.103	0.010	0.052	0.007	0.013	0.004
Pearson,RS2	1000	1000	19	0.104	0.010	0.057	0.007	0.015	0.004
2F 10V									
Wald	1000	1000	15	0.108	0.010	0.061	0.008	0.009	0.003
WaldVCF	1000	1000	15	0.107	0.010	0.059	0.007	0.008	0.003
WaldDiag,MM3	1000	1000	15	0.080	0.009	0.042	0.006	0.006	0.002
WaldDiag,RS2	1000	1000	15	0.081	0.009	0.044	0.006	0.009	0.003
Pearson,MM3	1000	1000	15	0.086	0.009	0.046	0.007	0.009	0.003
Pearson,RS2	1000	1000	15	0.087	0.009	0.050	0.007	0.011	0.003
3F 15V									
Wald	1000	1000	47	0.110	0.010	0.063	0.008	0.019	0.004
WaldVCF	1000	1000	47	0.096	0.009	0.058	0.007	0.016	0.004
WaldDiag,MM3	1000	1000	47	0.072	0.008	0.043	0.006	0.007	0.003
WaldDiag,RS2	1000	1000	47	0.076	0.008	0.044	0.006	0.009	0.003
Pearson,MM3	1000	1000	47	0.108	0.010	0.048	0.007	0.011	0.003
Pearson,RS2	1000	1000	47	0.110	0.010	0.050	0.007	0.012	0.003

Type I errors ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.092	0.009	0.051	0.007	0.005	0.002
WaldVCF	1000	1000	1	0.090	0.009	0.050	0.007	0.005	0.002
WaldDiag,MM3	1000	1000	1	0.072	0.008	0.036	0.006	0.002	0.001
WaldDiag,RS2	1000	1000	1	0.071	0.008	0.037	0.006	0.003	0.002
Pearson,MM3	1000	1000	1	0.085	0.009	0.044	0.006	0.007	0.003
Pearson,RS2	1000	1000	1	0.084	0.009	0.045	0.007	0.008	0.003
1F 8V									
Wald	1000	1000	1	0.104	0.010	0.049	0.007	0.005	0.002
WaldVCF	1000	1000	1	0.104	0.010	0.048	0.007	0.005	0.002
WaldDiag,MM3	1000	1000	1	0.090	0.009	0.043	0.006	0.006	0.002
WaldDiag,RS2	1000	1000	1	0.092	0.009	0.045	0.007	0.006	0.002
Pearson,MM3	1000	1000	1	0.094	0.009	0.044	0.006	0.010	0.003
Pearson,RS2	1000	1000	1	0.095	0.009	0.050	0.007	0.013	0.004
1F 15V									
Wald	1000	1000	27	0.109	0.010	0.059	0.007	0.006	0.002
WaldVCF	1000	1000	27	0.107	0.010	0.056	0.007	0.006	0.002
WaldDiag,MM3	1000	1000	27	0.097	0.009	0.049	0.007	0.010	0.003
WaldDiag,RS2	1000	1000	27	0.097	0.009	0.051	0.007	0.012	0.003
Pearson,MM3	1000	1000	27	0.107	0.010	0.049	0.007	0.011	0.003
Pearson,RS2	1000	1000	27	0.108	0.010	0.050	0.007	0.015	0.004
2F 10V									
Wald	1000	1000	16	0.106	0.010	0.057	0.007	0.010	0.003
WaldVCF	1000	1000	16	0.104	0.010	0.051	0.007	0.009	0.003
WaldDiag,MM3	1000	1000	16	0.072	0.008	0.043	0.006	0.005	0.002
WaldDiag,RS2	1000	1000	16	0.073	0.008	0.043	0.006	0.006	0.002
Pearson,MM3	1000	1000	16	0.088	0.009	0.035	0.006	0.011	0.003
Pearson,RS2	1000	1000	16	0.092	0.009	0.037	0.006	0.012	0.003
3F 15V									
Wald	1000	1000	47	0.117	0.010	0.059	0.007	0.010	0.003
WaldVCF	1000	1000	47	0.104	0.010	0.056	0.007	0.010	0.003
WaldDiag,MM3	1000	1000	47	0.086	0.009	0.038	0.006	0.007	0.003
WaldDiag,RS2	1000	1000	47	0.086	0.009	0.040	0.006	0.008	0.003
Pearson,MM3	1000	1000	47	0.098	0.009	0.053	0.007	0.012	0.003
Pearson,RS2	1000	1000	47	0.100	0.009	0.054	0.007	0.015	0.004

Power ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.328	0.015	0.227	0.013	0.089	0.009
WaldVCF	1000	1000	0	0.327	0.015	0.225	0.013	0.089	0.009
WaldDiag,MM3	1000	1000	0	0.135	0.011	0.058	0.007	0.011	0.003
WaldDiag,RS2	1000	1000	0	0.135	0.011	0.059	0.007	0.012	0.003
Pearson,MM3	1000	1000	0	0.333	0.015	0.217	0.013	0.089	0.009
Pearson,RS2	1000	1000	0	0.331	0.015	0.223	0.013	0.100	0.009
1F 8V									
Wald	1000	1000	3	0.818	0.012	0.740	0.014	0.565	0.016
WaldVCF	1000	1000	3	0.815	0.012	0.739	0.014	0.561	0.016
WaldDiag,MM3	1000	1000	3	0.705	0.014	0.561	0.016	0.302	0.015
WaldDiag,RS2	1000	1000	3	0.705	0.014	0.566	0.016	0.318	0.015
Pearson,MM3	1000	1000	3	0.681	0.015	0.564	0.016	0.316	0.015
Pearson,RS2	1000	1000	3	0.683	0.015	0.576	0.016	0.342	0.015
1F 15V									
Wald	1000	1000	6	0.966	0.006	0.938	0.008	0.861	0.011
WaldVCF	1000	1000	6	0.966	0.006	0.936	0.008	0.859	0.011
WaldDiag,MM3	1000	1000	6	0.932	0.008	0.883	0.010	0.756	0.014
WaldDiag,RS2	1000	1000	6	0.932	0.008	0.886	0.010	0.764	0.013
Pearson,MM3	1000	1000	6	0.911	0.009	0.862	0.011	0.727	0.014
Pearson,RS2	1000	1000	6	0.912	0.009	0.866	0.011	0.740	0.014
2F 10V									
Wald	1000	1000	11	0.189	0.012	0.123	0.010	0.030	0.005
WaldVCF	1000	1000	11	0.178	0.012	0.117	0.010	0.027	0.005
WaldDiag,MM3	1000	1000	11	0.108	0.010	0.044	0.006	0.009	0.003
WaldDiag,RS2	1000	1000	11	0.111	0.010	0.046	0.007	0.011	0.003
Pearson,MM3	1000	1000	11	0.217	0.013	0.136	0.011	0.045	0.007
Pearson,RS2	1000	1000	11	0.219	0.013	0.143	0.011	0.053	0.007
3F 15V									
Wald	1000	1000	26	0.222	0.013	0.152	0.011	0.056	0.007
WaldVCF	1000	1000	26	0.213	0.013	0.146	0.011	0.053	0.007
WaldDiag,MM3	1000	1000	26	0.136	0.011	0.081	0.009	0.021	0.005
WaldDiag,RS2	1000	1000	26	0.139	0.011	0.084	0.009	0.024	0.005
Pearson,MM3	1000	1000	26	0.266	0.014	0.168	0.012	0.058	0.007
Pearson,RS2	1000	1000	26	0.269	0.014	0.172	0.012	0.071	0.008

Power ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.527	0.016	0.422	0.016	0.228	0.013
WaldVCF	1000	1000	0	0.527	0.016	0.419	0.016	0.226	0.013
WaldDiag,MM3	1000	1000	0	0.376	0.015	0.240	0.014	0.077	0.008
WaldDiag,RS2	1000	1000	0	0.375	0.015	0.245	0.014	0.083	0.009
Pearson,MM3	1000	1000	0	0.545	0.016	0.446	0.016	0.258	0.014
Pearson,RS2	1000	1000	0	0.545	0.016	0.452	0.016	0.264	0.014
1F 8V									
Wald	1000	1000	4	0.979	0.005	0.969	0.005	0.907	0.009
WaldVCF	1000	1000	4	0.979	0.005	0.969	0.005	0.906	0.009
WaldDiag,MM3	1000	1000	4	0.956	0.006	0.925	0.008	0.813	0.012
WaldDiag,RS2	1000	1000	4	0.957	0.006	0.926	0.008	0.823	0.012
Pearson,MM3	1000	1000	4	0.927	0.008	0.883	0.010	0.726	0.014
Pearson,RS2	1000	1000	4	0.927	0.008	0.886	0.010	0.743	0.014
1F 15V									
Wald	1000	1000	8	1.000	0.000	1.000	0.000	0.997	0.002
WaldVCF	1000	1000	8	1.000	0.000	1.000	0.000	0.997	0.002
WaldDiag,MM3	1000	1000	8	1.000	0.000	0.999	0.001	0.993	0.003
WaldDiag,RS2	1000	1000	8	1.000	0.000	0.999	0.001	0.993	0.003
Pearson,MM3	1000	1000	8	0.997	0.002	0.996	0.002	0.985	0.004
Pearson,RS2	1000	1000	8	0.998	0.001	0.996	0.002	0.985	0.004
2F 10V									
Wald	1000	1000	13	0.314	0.015	0.210	0.013	0.090	0.009
WaldVCF	1000	1000	13	0.297	0.014	0.199	0.013	0.082	0.009
WaldDiag,MM3	1000	1000	13	0.272	0.014	0.166	0.012	0.059	0.007
WaldDiag,RS2	1000	1000	13	0.273	0.014	0.173	0.012	0.068	0.008
Pearson,MM3	1000	1000	13	0.388	0.015	0.284	0.014	0.141	0.011
Pearson,RS2	1000	1000	13	0.391	0.015	0.295	0.014	0.154	0.011
3F 15V									
Wald	1000	1000	25	0.399	0.015	0.298	0.014	0.143	0.011
WaldVCF	1000	1000	25	0.381	0.015	0.285	0.014	0.126	0.010
WaldDiag,MM3	1000	1000	25	0.379	0.015	0.265	0.014	0.127	0.011
WaldDiag,RS2	1000	1000	25	0.380	0.015	0.271	0.014	0.135	0.011
Pearson,MM3	1000	1000	25	0.498	0.016	0.383	0.015	0.216	0.013
Pearson,RS2	1000	1000	25	0.498	0.016	0.396	0.015	0.226	0.013

Power ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.796	0.013	0.708	0.014	0.513	0.016
WaldVCF	1000	1000	0	0.796	0.013	0.708	0.014	0.510	0.016
WaldDiag,MM3	1000	1000	0	0.672	0.015	0.543	0.016	0.284	0.014
WaldDiag,RS2	1000	1000	0	0.669	0.015	0.548	0.016	0.297	0.014
Pearson,MM3	1000	1000	0	0.811	0.012	0.744	0.014	0.537	0.016
Pearson,RS2	1000	1000	0	0.811	0.012	0.749	0.014	0.552	0.016
1F 8V									
Wald	1000	1000	4	1.000	0.000	1.000	0.000	0.999	0.001
WaldVCF	1000	1000	4	1.000	0.000	1.000	0.000	0.999	0.001
WaldDiag,MM3	1000	1000	4	1.000	0.000	1.000	0.000	0.995	0.002
WaldDiag,RS2	1000	1000	4	1.000	0.000	1.000	0.000	0.997	0.002
Pearson,MM3	1000	1000	4	0.998	0.001	0.993	0.003	0.974	0.005
Pearson,RS2	1000	1000	4	0.998	0.001	0.993	0.003	0.978	0.005
1F 15V									
Wald	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	14	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	10	0.534	0.016	0.424	0.016	0.260	0.014
WaldVCF	1000	1000	10	0.520	0.016	0.406	0.016	0.240	0.014
WaldDiag,MM3	1000	1000	10	0.527	0.016	0.418	0.016	0.250	0.014
WaldDiag,RS2	1000	1000	10	0.534	0.016	0.425	0.016	0.264	0.014
Pearson,MM3	1000	1000	10	0.609	0.015	0.505	0.016	0.340	0.015
Pearson,RS2	1000	1000	10	0.611	0.015	0.513	0.016	0.372	0.015
3F 15V									
Wald	1000	1000	42	0.662	0.015	0.575	0.016	0.384	0.015
WaldVCF	1000	1000	42	0.650	0.015	0.552	0.016	0.363	0.015
WaldDiag,MM3	1000	1000	42	0.698	0.015	0.592	0.016	0.400	0.015
WaldDiag,RS2	1000	1000	42	0.700	0.014	0.600	0.015	0.421	0.016
Pearson,MM3	1000	1000	42	0.768	0.013	0.686	0.015	0.515	0.016
Pearson,RS2	1000	1000	42	0.769	0.013	0.689	0.015	0.531	0.016

Power ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.924	0.008	0.879	0.010	0.740	0.014
WaldVCF	1000	1000	0	0.923	0.008	0.879	0.010	0.739	0.014
WaldDiag,MM3	1000	1000	0	0.854	0.011	0.782	0.013	0.546	0.016
WaldDiag,RS2	1000	1000	0	0.853	0.011	0.785	0.013	0.565	0.016
Pearson,MM3	1000	1000	0	0.933	0.008	0.889	0.010	0.756	0.014
Pearson,RS2	1000	1000	0	0.933	0.008	0.891	0.010	0.770	0.013
1F 8V									
Wald	1000	1000	3	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	3	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	3	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	3	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	3	1.000	0.000	1.000	0.000	0.997	0.002
Pearson,RS2	1000	1000	3	1.000	0.000	1.000	0.000	0.998	0.001
1F 15V									
Wald	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	12	0.651	0.015	0.557	0.016	0.393	0.015
WaldVCF	1000	1000	12	0.636	0.015	0.541	0.016	0.373	0.015
WaldDiag,MM3	1000	1000	12	0.680	0.015	0.567	0.016	0.397	0.015
WaldDiag,RS2	1000	1000	12	0.680	0.015	0.578	0.016	0.410	0.016
Pearson,MM3	1000	1000	12	0.709	0.014	0.635	0.015	0.473	0.016
Pearson,RS2	1000	1000	12	0.710	0.014	0.646	0.015	0.497	0.016
3F 15V									
Wald	1000	1000	39	0.812	0.012	0.731	0.014	0.578	0.016
WaldVCF	1000	1000	39	0.801	0.013	0.718	0.014	0.557	0.016
WaldDiag,MM3	1000	1000	39	0.844	0.011	0.784	0.013	0.622	0.015
WaldDiag,RS2	1000	1000	39	0.845	0.011	0.787	0.013	0.644	0.015
Pearson,MM3	1000	1000	39	0.869	0.011	0.811	0.012	0.682	0.015
Pearson,RS2	1000	1000	39	0.871	0.011	0.817	0.012	0.700	0.014

Stratified sampling

Type I errors ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.178	0.012	0.108	0.010	0.032	0.006
WaldVCF	1000	1000	1	0.148	0.011	0.075	0.008	0.015	0.004
WaldDiag,MM3	1000	1000	1	0.065	0.008	0.025	0.005	0.002	0.001
WaldDiag,RS2	1000	1000	1	0.065	0.008	0.027	0.005	0.002	0.001
Pearson,MM3	1000	1000	1	0.118	0.010	0.060	0.008	0.010	0.003
Pearson,RS2	1000	1000	1	0.117	0.010	0.061	0.008	0.012	0.003
1F 8V									
Wald	1000	1000	5	0.353	0.015	0.241	0.014	0.105	0.010
WaldVCF	1000	1000	5	0.178	0.012	0.107	0.010	0.031	0.005
WaldDiag,MM3	1000	1000	5	0.087	0.009	0.043	0.006	0.007	0.003
WaldDiag,RS2	1000	1000	5	0.088	0.009	0.043	0.006	0.009	0.003
Pearson,MM3	1000	1000	5	0.177	0.012	0.107	0.010	0.023	0.005
Pearson,RS2	1000	1000	5	0.178	0.012	0.110	0.010	0.029	0.005
1F 15V									
Wald	1000	1000	13	0.913	0.009	0.838	0.012	0.636	0.015
WaldVCF	1000	1000	13	0.351	0.015	0.189	0.012	0.057	0.007
WaldDiag,MM3	1000	1000	13	0.114	0.010	0.049	0.007	0.004	0.002
WaldDiag,RS2	1000	1000	13	0.116	0.010	0.055	0.007	0.005	0.002
Pearson,MM3	1000	1000	13	0.254	0.014	0.152	0.011	0.046	0.007
Pearson,RS2	1000	1000	13	0.254	0.014	0.159	0.012	0.050	0.007
2F 10V									
Wald	1000	1000	14	0.436	0.016	0.315	0.015	0.146	0.011
WaldVCF	1000	1000	14	0.235	0.013	0.140	0.011	0.036	0.006
WaldDiag,MM3	1000	1000	14	0.067	0.008	0.026	0.005	0.004	0.002
WaldDiag,RS2	1000	1000	14	0.068	0.008	0.028	0.005	0.005	0.002
Pearson,MM3	1000	1000	14	0.183	0.012	0.104	0.010	0.024	0.005
Pearson,RS2	1000	1000	14	0.184	0.012	0.110	0.010	0.032	0.006
3F 15V									
Wald	1000	1000	40	0.704	0.014	0.572	0.016	0.328	0.015
WaldVCF	1000	1000	40	0.309	0.015	0.165	0.012	0.040	0.006
WaldDiag,MM3	1000	1000	40	0.079	0.009	0.032	0.006	0.003	0.002
WaldDiag,RS2	1000	1000	40	0.080	0.009	0.034	0.006	0.005	0.002
Pearson,MM3	1000	1000	40	0.188	0.012	0.108	0.010	0.021	0.005
Pearson,RS2	1000	1000	40	0.190	0.012	0.114	0.010	0.023	0.005

Type I errors ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.133	0.011	0.080	0.009	0.020	0.004
WaldVCF	1000	1000	1	0.118	0.010	0.064	0.008	0.011	0.003
WaldDiag,MM3	1000	1000	1	0.093	0.009	0.038	0.006	0.003	0.002
WaldDiag,RS2	1000	1000	1	0.091	0.009	0.040	0.006	0.005	0.002
Pearson,MM3	1000	1000	1	0.123	0.010	0.060	0.008	0.011	0.003
Pearson,RS2	1000	1000	1	0.122	0.010	0.062	0.008	0.013	0.004
1F 8V									
Wald	1000	1000	2	0.256	0.014	0.157	0.012	0.048	0.007
WaldVCF	1000	1000	2	0.185	0.012	0.100	0.009	0.020	0.004
WaldDiag,MM3	1000	1000	2	0.107	0.010	0.045	0.007	0.007	0.003
WaldDiag,RS2	1000	1000	2	0.109	0.010	0.048	0.007	0.008	0.003
Pearson,MM3	1000	1000	2	0.185	0.012	0.097	0.009	0.032	0.006
Pearson,RS2	1000	1000	2	0.186	0.012	0.101	0.010	0.036	0.006
1F 15V									
Wald	1000	1000	17	0.617	0.015	0.500	0.016	0.270	0.014
WaldVCF	1000	1000	17	0.324	0.015	0.212	0.013	0.065	0.008
WaldDiag,MM3	1000	1000	17	0.173	0.012	0.084	0.009	0.019	0.004
WaldDiag,RS2	1000	1000	17	0.173	0.012	0.091	0.009	0.021	0.005
Pearson,MM3	1000	1000	17	0.296	0.014	0.180	0.012	0.040	0.006
Pearson,RS2	1000	1000	17	0.300	0.014	0.183	0.012	0.048	0.007
2F 10V									
Wald	1000	1000	8	0.272	0.014	0.167	0.012	0.063	0.008
WaldVCF	1000	1000	8	0.188	0.012	0.110	0.010	0.032	0.006
WaldDiag,MM3	1000	1000	8	0.093	0.009	0.054	0.007	0.011	0.003
WaldDiag,RS2	1000	1000	8	0.095	0.009	0.054	0.007	0.013	0.004
Pearson,MM3	1000	1000	8	0.164	0.012	0.091	0.009	0.024	0.005
Pearson,RS2	1000	1000	8	0.166	0.012	0.100	0.009	0.029	0.005
3F 15V									
Wald	1000	1000	38	0.524	0.016	0.382	0.015	0.178	0.012
WaldVCF	1000	1000	38	0.316	0.015	0.201	0.013	0.065	0.008
WaldDiag,MM3	1000	1000	38	0.136	0.011	0.074	0.008	0.014	0.004
WaldDiag,RS2	1000	1000	38	0.139	0.011	0.076	0.008	0.018	0.004
Pearson,MM3	1000	1000	38	0.236	0.013	0.119	0.010	0.046	0.007
Pearson,RS2	1000	1000	38	0.241	0.014	0.125	0.010	0.049	0.007

Type I errors ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.146	0.011	0.079	0.009	0.021	0.005
WaldVCF	1000	1000	1	0.140	0.011	0.074	0.008	0.018	0.004
WaldDiag,MM3	1000	1000	1	0.108	0.010	0.052	0.007	0.012	0.003
WaldDiag,RS2	1000	1000	1	0.108	0.010	0.054	0.007	0.014	0.004
Pearson,MM3	1000	1000	1	0.129	0.011	0.075	0.008	0.018	0.004
Pearson,RS2	1000	1000	1	0.129	0.011	0.075	0.008	0.019	0.004
1F 8V									
Wald	1000	1000	0	0.215	0.013	0.118	0.010	0.042	0.006
WaldVCF	1000	1000	0	0.179	0.012	0.089	0.009	0.027	0.005
WaldDiag,MM3	1000	1000	0	0.130	0.011	0.070	0.008	0.015	0.004
WaldDiag,RS2	1000	1000	0	0.130	0.011	0.075	0.008	0.015	0.004
Pearson,MM3	1000	1000	0	0.197	0.013	0.130	0.011	0.037	0.006
Pearson,RS2	1000	1000	0	0.201	0.013	0.132	0.011	0.041	0.006
1F 15V									
Wald	1000	1000	20	0.392	0.015	0.266	0.014	0.088	0.009
WaldVCF	1000	1000	20	0.263	0.014	0.154	0.011	0.033	0.006
WaldDiag,MM3	1000	1000	20	0.163	0.012	0.064	0.008	0.013	0.004
WaldDiag,RS2	1000	1000	20	0.165	0.012	0.072	0.008	0.015	0.004
Pearson,MM3	1000	1000	20	0.273	0.014	0.175	0.012	0.054	0.007
Pearson,RS2	1000	1000	20	0.273	0.014	0.178	0.012	0.063	0.008
2F 10V									
Wald	1000	1000	11	0.268	0.014	0.160	0.012	0.061	0.008
WaldVCF	1000	1000	11	0.216	0.013	0.122	0.010	0.049	0.007
WaldDiag,MM3	1000	1000	11	0.153	0.011	0.078	0.008	0.018	0.004
WaldDiag,RS2	1000	1000	11	0.155	0.011	0.080	0.009	0.025	0.005
Pearson,MM3	1000	1000	11	0.191	0.012	0.115	0.010	0.037	0.006
Pearson,RS2	1000	1000	11	0.192	0.012	0.124	0.010	0.043	0.006
3F 15V									
Wald	1000	1000	44	0.411	0.016	0.297	0.014	0.099	0.009
WaldVCF	1000	1000	44	0.330	0.015	0.198	0.013	0.057	0.007
WaldDiag,MM3	1000	1000	44	0.202	0.013	0.102	0.010	0.020	0.004
WaldDiag,RS2	1000	1000	44	0.202	0.013	0.109	0.010	0.025	0.005
Pearson,MM3	1000	1000	44	0.250	0.014	0.152	0.011	0.049	0.007
Pearson,RS2	1000	1000	44	0.253	0.014	0.161	0.012	0.054	0.007

Type I errors ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.147	0.011	0.083	0.009	0.025	0.005
WaldVCF	1000	1000	1	0.144	0.011	0.076	0.008	0.022	0.005
WaldDiag,MM3	1000	1000	1	0.113	0.010	0.063	0.008	0.016	0.004
WaldDiag,RS2	1000	1000	1	0.113	0.010	0.064	0.008	0.018	0.004
Pearson,MM3	1000	1000	1	0.132	0.011	0.075	0.008	0.017	0.004
Pearson,RS2	1000	1000	1	0.131	0.011	0.077	0.008	0.021	0.005
1F 8V									
Wald	1000	1000	4	0.183	0.012	0.109	0.010	0.033	0.006
WaldVCF	1000	1000	4	0.168	0.012	0.092	0.009	0.030	0.005
WaldDiag,MM3	1000	1000	4	0.127	0.011	0.059	0.007	0.012	0.003
WaldDiag,RS2	1000	1000	4	0.127	0.011	0.063	0.008	0.015	0.004
Pearson,MM3	1000	1000	4	0.180	0.012	0.106	0.010	0.035	0.006
Pearson,RS2	1000	1000	4	0.181	0.012	0.110	0.010	0.044	0.006
1F 15V									
Wald	1000	1000	23	0.353	0.015	0.213	0.013	0.083	0.009
WaldVCF	1000	1000	23	0.258	0.014	0.153	0.011	0.047	0.007
WaldDiag,MM3	1000	1000	23	0.187	0.012	0.102	0.010	0.026	0.005
WaldDiag,RS2	1000	1000	23	0.189	0.012	0.102	0.010	0.027	0.005
Pearson,MM3	1000	1000	23	0.286	0.014	0.182	0.012	0.050	0.007
Pearson,RS2	1000	1000	23	0.287	0.014	0.186	0.012	0.057	0.007
2F 10V									
Wald	1000	1000	15	0.234	0.013	0.131	0.011	0.047	0.007
WaldVCF	1000	1000	15	0.204	0.013	0.109	0.010	0.037	0.006
WaldDiag,MM3	1000	1000	15	0.136	0.011	0.076	0.008	0.014	0.004
WaldDiag,RS2	1000	1000	15	0.138	0.011	0.078	0.008	0.018	0.004
Pearson,MM3	1000	1000	15	0.193	0.012	0.101	0.010	0.024	0.005
Pearson,RS2	1000	1000	15	0.194	0.013	0.109	0.010	0.032	0.006
3F 15V									
Wald	1000	1000	53	0.381	0.015	0.275	0.014	0.087	0.009
WaldVCF	1000	1000	53	0.322	0.015	0.200	0.013	0.054	0.007
WaldDiag,MM3	1000	1000	53	0.198	0.013	0.109	0.010	0.034	0.006
WaldDiag,RS2	1000	1000	53	0.200	0.013	0.112	0.010	0.036	0.006
Pearson,MM3	1000	1000	53	0.275	0.014	0.175	0.012	0.054	0.007
Pearson,RS2	1000	1000	53	0.275	0.014	0.179	0.012	0.058	0.007

Power ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.409	0.016	0.289	0.014	0.121	0.010
WaldVCF	1000	1000	1	0.365	0.015	0.230	0.013	0.084	0.009
WaldDiag,MM3	1000	1000	1	0.183	0.012	0.084	0.009	0.010	0.003
WaldDiag,RS2	1000	1000	1	0.181	0.012	0.087	0.009	0.016	0.004
Pearson,MM3	1000	1000	1	0.384	0.015	0.257	0.014	0.097	0.009
Pearson,RS2	1000	1000	1	0.382	0.015	0.260	0.014	0.112	0.010
1F 8V									
Wald	1000	1000	2	0.886	0.010	0.821	0.012	0.644	0.015
WaldVCF	1000	1000	2	0.724	0.014	0.580	0.016	0.311	0.015
WaldDiag,MM3	1000	1000	2	0.697	0.015	0.561	0.016	0.301	0.015
WaldDiag,RS2	1000	1000	2	0.699	0.015	0.574	0.016	0.326	0.015
Pearson,MM3	1000	1000	2	0.733	0.014	0.603	0.015	0.355	0.015
Pearson,RS2	1000	1000	2	0.733	0.014	0.617	0.015	0.383	0.015
1F 15V									
Wald	1000	1000	24	0.999	0.001	0.999	0.001	0.979	0.005
WaldVCF	1000	1000	24	0.826	0.012	0.700	0.014	0.348	0.015
WaldDiag,MM3	1000	1000	24	0.943	0.007	0.873	0.011	0.673	0.015
WaldDiag,RS2	1000	1000	24	0.944	0.007	0.878	0.010	0.690	0.015
Pearson,MM3	1000	1000	24	0.931	0.008	0.863	0.011	0.699	0.015
Pearson,RS2	1000	1000	24	0.932	0.008	0.868	0.011	0.709	0.014
2F 10V									
Wald	1000	1000	11	0.560	0.016	0.437	0.016	0.238	0.013
WaldVCF	1000	1000	11	0.315	0.015	0.195	0.013	0.046	0.007
WaldDiag,MM3	1000	1000	11	0.162	0.012	0.071	0.008	0.015	0.004
WaldDiag,RS2	1000	1000	11	0.164	0.012	0.079	0.009	0.020	0.004
Pearson,MM3	1000	1000	11	0.316	0.015	0.195	0.013	0.071	0.008
Pearson,RS2	1000	1000	11	0.317	0.015	0.208	0.013	0.086	0.009
3F 15V									
Wald	1000	1000	20	0.859	0.011	0.753	0.014	0.505	0.016
WaldVCF	1000	1000	20	0.404	0.016	0.261	0.014	0.074	0.008
WaldDiag,MM3	1000	1000	20	0.208	0.013	0.095	0.009	0.012	0.003
WaldDiag,RS2	1000	1000	20	0.211	0.013	0.100	0.009	0.014	0.004
Pearson,MM3	1000	1000	20	0.430	0.016	0.286	0.014	0.118	0.010
Pearson,RS2	1000	1000	20	0.437	0.016	0.292	0.014	0.135	0.011

Power ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.540	0.016	0.434	0.016	0.237	0.013
WaldVCF	1000	1000	0	0.525	0.016	0.412	0.016	0.207	0.013
WaldDiag,MM3	1000	1000	0	0.371	0.015	0.244	0.014	0.065	0.008
WaldDiag,RS2	1000	1000	0	0.369	0.015	0.251	0.014	0.077	0.008
Pearson,MM3	1000	1000	0	0.582	0.016	0.470	0.016	0.260	0.014
Pearson,RS2	1000	1000	0	0.582	0.016	0.478	0.016	0.275	0.014
1F 8V									
Wald	1000	1000	3	0.983	0.004	0.963	0.006	0.881	0.010
WaldVCF	1000	1000	3	0.964	0.006	0.927	0.008	0.767	0.013
WaldDiag,MM3	1000	1000	3	0.973	0.005	0.933	0.008	0.791	0.013
WaldDiag,RS2	1000	1000	3	0.973	0.005	0.940	0.008	0.807	0.012
Pearson,MM3	1000	1000	3	0.940	0.008	0.894	0.010	0.725	0.014
Pearson,RS2	1000	1000	3	0.940	0.008	0.895	0.010	0.751	0.014
1F 15V									
Wald	1000	1000	10	1.000	0.000	0.999	0.001	0.993	0.003
WaldVCF	1000	1000	10	0.990	0.003	0.972	0.005	0.863	0.011
WaldDiag,MM3	1000	1000	10	0.999	0.001	0.999	0.001	0.993	0.003
WaldDiag,RS2	1000	1000	10	1.000	0.000	0.999	0.001	0.993	0.003
Pearson,MM3	1000	1000	10	0.998	0.001	0.997	0.002	0.987	0.004
Pearson,RS2	1000	1000	10	0.998	0.001	0.997	0.002	0.988	0.003
2F 10V									
Wald	1000	1000	9	0.500	0.016	0.375	0.015	0.181	0.012
WaldVCF	1000	1000	9	0.358	0.015	0.253	0.014	0.085	0.009
WaldDiag,MM3	1000	1000	9	0.305	0.015	0.183	0.012	0.053	0.007
WaldDiag,RS2	1000	1000	9	0.306	0.015	0.192	0.012	0.062	0.008
Pearson,MM3	1000	1000	9	0.469	0.016	0.339	0.015	0.148	0.011
Pearson,RS2	1000	1000	9	0.470	0.016	0.347	0.015	0.164	0.012
3F 15V									
Wald	1000	1000	35	0.749	0.014	0.635	0.015	0.381	0.015
WaldVCF	1000	1000	35	0.554	0.016	0.409	0.016	0.173	0.012
WaldDiag,MM3	1000	1000	35	0.438	0.016	0.292	0.014	0.099	0.009
WaldDiag,RS2	1000	1000	35	0.441	0.016	0.298	0.014	0.111	0.010
Pearson,MM3	1000	1000	35	0.650	0.015	0.523	0.016	0.302	0.015
Pearson,RS2	1000	1000	35	0.653	0.015	0.535	0.016	0.326	0.015

Power ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.827	0.012	0.729	0.014	0.536	0.016
WaldVCF	1000	1000	0	0.820	0.012	0.722	0.014	0.518	0.016
WaldDiag,MM3	1000	1000	0	0.677	0.015	0.540	0.016	0.291	0.014
WaldDiag,RS2	1000	1000	0	0.673	0.015	0.546	0.016	0.311	0.015
Pearson,MM3	1000	1000	0	0.869	0.011	0.783	0.013	0.624	0.015
Pearson,RS2	1000	1000	0	0.868	0.011	0.783	0.013	0.642	0.015
1F 8V									
Wald	1000	1000	1	1.000	0.000	1.000	0.000	0.999	0.001
WaldVCF	1000	1000	1	1.000	0.000	0.999	0.001	0.998	0.001
WaldDiag,MM3	1000	1000	1	0.999	0.001	0.999	0.001	0.998	0.001
WaldDiag,RS2	1000	1000	1	0.999	0.001	0.999	0.001	0.998	0.001
Pearson,MM3	1000	1000	1	0.999	0.001	0.997	0.002	0.990	0.003
Pearson,RS2	1000	1000	1	0.999	0.001	0.998	0.001	0.992	0.003
1F 15V									
Wald	1000	1000	20	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	20	1.000	0.000	1.000	0.000	0.999	0.001
WaldDiag,MM3	1000	1000	20	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	20	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	20	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	20	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	7	0.623	0.015	0.497	0.016	0.262	0.014
WaldVCF	1000	1000	7	0.550	0.016	0.423	0.016	0.183	0.012
WaldDiag,MM3	1000	1000	7	0.574	0.016	0.435	0.016	0.190	0.012
WaldDiag,RS2	1000	1000	7	0.574	0.016	0.445	0.016	0.213	0.013
Pearson,MM3	1000	1000	7	0.698	0.015	0.590	0.016	0.359	0.015
Pearson,RS2	1000	1000	7	0.700	0.014	0.601	0.015	0.399	0.015
3F 15V									
Wald	1000	1000	32	0.855	0.011	0.738	0.014	0.505	0.016
WaldVCF	1000	1000	32	0.764	0.013	0.638	0.015	0.376	0.015
WaldDiag,MM3	1000	1000	32	0.785	0.013	0.674	0.015	0.421	0.016
WaldDiag,RS2	1000	1000	32	0.788	0.013	0.680	0.015	0.451	0.016
Pearson,MM3	1000	1000	32	0.928	0.008	0.859	0.011	0.697	0.015
Pearson,RS2	1000	1000	32	0.928	0.008	0.867	0.011	0.718	0.014

Power ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.959	0.006	0.917	0.009	0.770	0.013
WaldVCF	1000	1000	0	0.958	0.006	0.913	0.009	0.763	0.013
WaldDiag,MM3	1000	1000	0	0.892	0.010	0.799	0.013	0.538	0.016
WaldDiag,RS2	1000	1000	0	0.892	0.010	0.802	0.013	0.554	0.016
Pearson,MM3	1000	1000	0	0.975	0.005	0.947	0.007	0.838	0.012
Pearson,RS2	1000	1000	0	0.975	0.005	0.948	0.007	0.848	0.011
1F 8V									
Wald	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
1F 15V									
Wald	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	15	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	11	0.762	0.013	0.642	0.015	0.387	0.015
WaldVCF	1000	1000	11	0.708	0.014	0.584	0.016	0.318	0.015
WaldDiag,MM3	1000	1000	11	0.773	0.013	0.646	0.015	0.395	0.015
WaldDiag,RS2	1000	1000	11	0.774	0.013	0.660	0.015	0.426	0.016
Pearson,MM3	1000	1000	11	0.866	0.011	0.785	0.013	0.595	0.016
Pearson,RS2	1000	1000	11	0.867	0.011	0.795	0.013	0.635	0.015
3F 15V									
Wald	1000	1000	39	0.935	0.008	0.868	0.011	0.691	0.015
WaldVCF	1000	1000	39	0.894	0.010	0.815	0.012	0.608	0.015
WaldDiag,MM3	1000	1000	39	0.941	0.007	0.884	0.010	0.712	0.014
WaldDiag,RS2	1000	1000	39	0.941	0.007	0.894	0.010	0.729	0.014
Pearson,MM3	1000	1000	39	0.985	0.004	0.968	0.006	0.896	0.010
Pearson,RS2	1000	1000	39	0.986	0.004	0.968	0.006	0.907	0.009

Cluster sampling

Type I errors ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	6	0.149	0.011	0.081	0.009	0.025	0.005
WaldVCF	1000	1000	6	0.106	0.010	0.051	0.007	0.009	0.003
WaldDiag,MM3	1000	1000	6	0.036	0.006	0.012	0.003	0.002	0.001
WaldDiag,RS2	1000	1000	6	0.035	0.006	0.012	0.003	0.002	0.001
Pearson,MM3	1000	1000	6	0.084	0.009	0.036	0.006	0.007	0.003
Pearson,RS2	1000	1000	6	0.084	0.009	0.037	0.006	0.007	0.003
1F 8V									
Wald	1000	1000	6	0.332	0.015	0.233	0.013	0.114	0.010
WaldVCF	1000	1000	6	0.124	0.010	0.060	0.008	0.011	0.003
WaldDiag,MM3	1000	1000	6	0.056	0.007	0.021	0.005	0.002	0.001
WaldDiag,RS2	1000	1000	6	0.056	0.007	0.024	0.005	0.004	0.002
Pearson,MM3	1000	1000	6	0.088	0.009	0.040	0.006	0.007	0.003
Pearson,RS2	1000	1000	6	0.088	0.009	0.043	0.006	0.009	0.003
1F 15V									
Wald	1000	1000	79	0.847	0.011	0.786	0.013	0.610	0.015
WaldVCF	1000	1000	79	0.145	0.011	0.067	0.008	0.011	0.003
WaldDiag,MM3	1000	1000	79	0.068	0.008	0.027	0.005	0.003	0.002
WaldDiag,RS2	1000	1000	79	0.069	0.008	0.030	0.005	0.004	0.002
Pearson,MM3	1000	1000	79	0.091	0.009	0.046	0.007	0.008	0.003
Pearson,RS2	1000	1000	79	0.092	0.009	0.048	0.007	0.009	0.003
2F 10V									
Wald	1000	1000	21	0.301	0.015	0.202	0.013	0.076	0.008
WaldVCF	1000	1000	21	0.125	0.010	0.069	0.008	0.010	0.003
WaldDiag,MM3	1000	1000	21	0.037	0.006	0.015	0.004	0.000	0.000
WaldDiag,RS2	1000	1000	21	0.037	0.006	0.017	0.004	0.001	0.001
Pearson,MM3	1000	1000	21	0.074	0.008	0.039	0.006	0.009	0.003
Pearson,RS2	1000	1000	21	0.074	0.008	0.042	0.006	0.010	0.003
3F 15V									
Wald	999	999	78	0.518	0.016	0.387	0.015	0.162	0.012
WaldVCF	999	999	78	0.124	0.010	0.060	0.008	0.010	0.003
WaldDiag,MM3	999	999	78	0.048	0.007	0.014	0.004	0.000	0.000
WaldDiag,RS2	999	999	78	0.049	0.007	0.015	0.004	0.000	0.000
Pearson,MM3	999	999	78	0.086	0.009	0.046	0.007	0.009	0.003
Pearson,RS2	999	999	78	0.086	0.009	0.051	0.007	0.012	0.003

Type I errors ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	2	0.139	0.011	0.075	0.008	0.025	0.005
WaldVCF	1000	1000	2	0.122	0.010	0.066	0.008	0.019	0.004
WaldDiag,MM3	1000	1000	2	0.088	0.009	0.042	0.006	0.006	0.002
WaldDiag,RS2	1000	1000	2	0.086	0.009	0.042	0.006	0.009	0.003
Pearson,MM3	1000	1000	2	0.115	0.010	0.067	0.008	0.013	0.004
Pearson,RS2	1000	1000	2	0.115	0.010	0.070	0.008	0.016	0.004
1F 8V									
Wald	1000	1000	3	0.206	0.013	0.128	0.011	0.038	0.006
WaldVCF	1000	1000	3	0.122	0.010	0.063	0.008	0.012	0.003
WaldDiag,MM3	1000	1000	3	0.092	0.009	0.038	0.006	0.006	0.002
WaldDiag,RS2	1000	1000	3	0.093	0.009	0.041	0.006	0.009	0.003
Pearson,MM3	1000	1000	3	0.086	0.009	0.049	0.007	0.009	0.003
Pearson,RS2	1000	1000	3	0.086	0.009	0.050	0.007	0.012	0.003
1F 15V									
Wald	1000	1000	15	0.499	0.016	0.373	0.015	0.183	0.012
WaldVCF	1000	1000	15	0.156	0.011	0.080	0.009	0.014	0.004
WaldDiag,MM3	1000	1000	15	0.086	0.009	0.032	0.006	0.000	0.000
WaldDiag,RS2	1000	1000	15	0.088	0.009	0.038	0.006	0.003	0.002
Pearson,MM3	1000	1000	15	0.093	0.009	0.043	0.006	0.007	0.003
Pearson,RS2	1000	1000	15	0.094	0.009	0.044	0.006	0.007	0.003
2F 10V									
Wald	1000	1000	13	0.213	0.013	0.125	0.010	0.043	0.006
WaldVCF	1000	1000	13	0.144	0.011	0.074	0.008	0.012	0.003
WaldDiag,MM3	1000	1000	13	0.068	0.008	0.024	0.005	0.004	0.002
WaldDiag,RS2	1000	1000	13	0.071	0.008	0.025	0.005	0.006	0.002
Pearson,MM3	1000	1000	13	0.105	0.010	0.046	0.007	0.012	0.003
Pearson,RS2	1000	1000	13	0.105	0.010	0.047	0.007	0.018	0.004
3F 15V									
Wald	1000	1000	44	0.315	0.015	0.202	0.013	0.063	0.008
WaldVCF	1000	1000	44	0.139	0.011	0.077	0.008	0.013	0.004
WaldDiag,MM3	1000	1000	44	0.057	0.007	0.025	0.005	0.005	0.002
WaldDiag,RS2	1000	1000	44	0.057	0.007	0.027	0.005	0.005	0.002
Pearson,MM3	1000	1000	44	0.090	0.009	0.043	0.006	0.005	0.002
Pearson,RS2	1000	1000	44	0.090	0.009	0.044	0.006	0.008	0.003

Type I errors ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	2	0.123	0.010	0.069	0.008	0.020	0.004
WaldVCF	1000	1000	2	0.108	0.010	0.064	0.008	0.017	0.004
WaldDiag,MM3	1000	1000	2	0.099	0.009	0.052	0.007	0.009	0.003
WaldDiag,RS2	1000	1000	2	0.099	0.009	0.053	0.007	0.014	0.004
Pearson,MM3	1000	1000	2	0.099	0.009	0.047	0.007	0.008	0.003
Pearson,RS2	1000	1000	2	0.099	0.009	0.049	0.007	0.011	0.003
1F 8V									
Wald	1000	1000	4	0.153	0.011	0.086	0.009	0.019	0.004
WaldVCF	1000	1000	4	0.116	0.010	0.060	0.008	0.009	0.003
WaldDiag,MM3	1000	1000	4	0.102	0.010	0.051	0.007	0.007	0.003
WaldDiag,RS2	1000	1000	4	0.102	0.010	0.058	0.007	0.008	0.003
Pearson,MM3	1000	1000	4	0.096	0.009	0.048	0.007	0.008	0.003
Pearson,RS2	1000	1000	4	0.096	0.009	0.049	0.007	0.010	0.003
1F 15V									
Wald	1000	1000	24	0.253	0.014	0.166	0.012	0.064	0.008
WaldVCF	1000	1000	24	0.134	0.011	0.077	0.008	0.024	0.005
WaldDiag,MM3	1000	1000	24	0.100	0.009	0.049	0.007	0.008	0.003
WaldDiag,RS2	1000	1000	24	0.100	0.009	0.052	0.007	0.009	0.003
Pearson,MM3	1000	1000	24	0.099	0.009	0.050	0.007	0.011	0.003
Pearson,RS2	1000	1000	24	0.101	0.010	0.051	0.007	0.012	0.003
2F 10V									
Wald	1000	1000	21	0.153	0.011	0.095	0.009	0.023	0.005
WaldVCF	1000	1000	21	0.121	0.010	0.066	0.008	0.017	0.004
WaldDiag,MM3	1000	1000	21	0.099	0.009	0.045	0.007	0.007	0.003
WaldDiag,RS2	1000	1000	21	0.099	0.009	0.049	0.007	0.008	0.003
Pearson,MM3	1000	1000	21	0.116	0.010	0.059	0.007	0.011	0.003
Pearson,RS2	1000	1000	21	0.118	0.010	0.063	0.008	0.016	0.004
3F 15V									
Wald	1000	1000	32	0.193	0.012	0.115	0.010	0.030	0.005
WaldVCF	1000	1000	32	0.130	0.011	0.057	0.007	0.012	0.003
WaldDiag,MM3	1000	1000	32	0.085	0.009	0.039	0.006	0.010	0.003
WaldDiag,RS2	1000	1000	32	0.086	0.009	0.041	0.006	0.012	0.003
Pearson,MM3	1000	1000	32	0.100	0.009	0.052	0.007	0.010	0.003
Pearson,RS2	1000	1000	32	0.103	0.010	0.056	0.007	0.010	0.003

Type I errors ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	4	0.108	0.010	0.054	0.007	0.013	0.004
WaldVCF	1000	1000	4	0.102	0.010	0.049	0.007	0.012	0.003
WaldDiag,MM3	1000	1000	4	0.086	0.009	0.033	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	4	0.086	0.009	0.034	0.006	0.008	0.003
Pearson,MM3	1000	1000	4	0.094	0.009	0.047	0.007	0.007	0.003
Pearson,RS2	1000	1000	4	0.092	0.009	0.048	0.007	0.008	0.003
1F 8V									
Wald	1000	1000	7	0.128	0.011	0.071	0.008	0.013	0.004
WaldVCF	1000	1000	7	0.109	0.010	0.057	0.007	0.006	0.002
WaldDiag,MM3	1000	1000	7	0.096	0.009	0.048	0.007	0.009	0.003
WaldDiag,RS2	1000	1000	7	0.096	0.009	0.049	0.007	0.011	0.003
Pearson,MM3	1000	1000	7	0.093	0.009	0.033	0.006	0.004	0.002
Pearson,RS2	1000	1000	7	0.093	0.009	0.033	0.006	0.006	0.002
1F 15V									
Wald	1000	1000	28	0.225	0.013	0.145	0.011	0.037	0.006
WaldVCF	1000	1000	28	0.154	0.011	0.076	0.008	0.016	0.004
WaldDiag,MM3	1000	1000	28	0.132	0.011	0.057	0.007	0.015	0.004
WaldDiag,RS2	1000	1000	28	0.134	0.011	0.060	0.008	0.017	0.004
Pearson,MM3	1000	1000	28	0.105	0.010	0.056	0.007	0.009	0.003
Pearson,RS2	1000	1000	28	0.107	0.010	0.057	0.007	0.011	0.003
2F 10V									
Wald	1000	1000	18	0.149	0.011	0.083	0.009	0.020	0.004
WaldVCF	1000	1000	18	0.129	0.011	0.067	0.008	0.015	0.004
WaldDiag,MM3	1000	1000	18	0.088	0.009	0.043	0.006	0.011	0.003
WaldDiag,RS2	1000	1000	18	0.091	0.009	0.045	0.007	0.013	0.004
Pearson,MM3	1000	1000	18	0.109	0.010	0.052	0.007	0.010	0.003
Pearson,RS2	1000	1000	18	0.113	0.010	0.054	0.007	0.012	0.003
3F 15V									
Wald	1000	1000	47	0.209	0.013	0.133	0.011	0.035	0.006
WaldVCF	1000	1000	47	0.160	0.012	0.091	0.009	0.024	0.005
WaldDiag,MM3	1000	1000	47	0.113	0.010	0.068	0.008	0.021	0.005
WaldDiag,RS2	1000	1000	47	0.113	0.010	0.069	0.008	0.023	0.005
Pearson,MM3	1000	1000	47	0.137	0.011	0.068	0.008	0.013	0.004
Pearson,RS2	1000	1000	47	0.141	0.011	0.071	0.008	0.020	0.004

Power ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.351	0.015	0.241	0.014	0.096	0.009
WaldVCF	1000	1000	1	0.310	0.015	0.187	0.012	0.059	0.007
WaldDiag,MM3	1000	1000	1	0.125	0.010	0.054	0.007	0.004	0.002
WaldDiag,RS2	1000	1000	1	0.124	0.010	0.057	0.007	0.006	0.002
Pearson,MM3	1000	1000	1	0.332	0.015	0.199	0.013	0.074	0.008
Pearson,RS2	1000	1000	1	0.330	0.015	0.204	0.013	0.079	0.009
1F 8V									
Wald	1000	1000	5	0.859	0.011	0.777	0.013	0.581	0.016
WaldVCF	1000	1000	5	0.616	0.015	0.485	0.016	0.215	0.013
WaldDiag,MM3	1000	1000	5	0.624	0.015	0.461	0.016	0.226	0.013
WaldDiag,RS2	1000	1000	5	0.629	0.015	0.468	0.016	0.246	0.014
Pearson,MM3	1000	1000	5	0.646	0.015	0.500	0.016	0.229	0.013
Pearson,RS2	1000	1000	5	0.647	0.015	0.508	0.016	0.257	0.014
1F 15V									
Wald	1000	1000	40	0.994	0.002	0.987	0.004	0.947	0.007
WaldVCF	1000	1000	40	0.571	0.016	0.413	0.016	0.152	0.011
WaldDiag,MM3	1000	1000	40	0.853	0.011	0.775	0.013	0.524	0.016
WaldDiag,RS2	1000	1000	40	0.854	0.011	0.782	0.013	0.558	0.016
Pearson,MM3	1000	1000	40	0.834	0.012	0.768	0.013	0.552	0.016
Pearson,RS2	1000	1000	40	0.836	0.012	0.772	0.013	0.575	0.016
2F 10V									
Wald	999	998	19	0.413	0.016	0.306	0.015	0.143	0.011
WaldVCF	999	998	19	0.185	0.012	0.097	0.009	0.020	0.004
WaldDiag,MM3	999	998	19	0.090	0.009	0.040	0.006	0.003	0.002
WaldDiag,RS2	999	998	19	0.091	0.009	0.046	0.007	0.003	0.002
Pearson,MM3	999	998	19	0.206	0.013	0.110	0.010	0.026	0.005
Pearson,RS2	999	998	19	0.207	0.013	0.120	0.010	0.032	0.006
3F 15V									
Wald	1000	999	58	0.683	0.015	0.543	0.016	0.296	0.014
WaldVCF	1000	999	58	0.219	0.013	0.127	0.011	0.022	0.005
WaldDiag,MM3	1000	999	58	0.115	0.010	0.047	0.007	0.005	0.002
WaldDiag,RS2	1000	999	58	0.116	0.010	0.051	0.007	0.006	0.002
Pearson,MM3	1000	999	58	0.271	0.014	0.173	0.012	0.058	0.007
Pearson,RS2	1000	999	58	0.274	0.014	0.181	0.012	0.065	0.008

Power ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.549	0.016	0.417	0.016	0.199	0.013
WaldVCF	1000	1000	0	0.534	0.016	0.391	0.015	0.170	0.012
WaldDiag,MM3	1000	1000	0	0.349	0.015	0.212	0.013	0.058	0.007
WaldDiag,RS2	1000	1000	0	0.348	0.015	0.212	0.013	0.065	0.008
Pearson,MM3	1000	1000	0	0.602	0.015	0.468	0.016	0.242	0.014
Pearson,RS2	1000	1000	0	0.600	0.015	0.473	0.016	0.258	0.014
1F 8V									
Wald	1000	1000	2	0.984	0.004	0.965	0.006	0.875	0.010
WaldVCF	1000	1000	2	0.961	0.006	0.915	0.009	0.739	0.014
WaldDiag,MM3	1000	1000	2	0.964	0.006	0.925	0.008	0.764	0.013
WaldDiag,RS2	1000	1000	2	0.965	0.006	0.929	0.008	0.782	0.013
Pearson,MM3	1000	1000	2	0.938	0.008	0.895	0.010	0.733	0.014
Pearson,RS2	1000	1000	2	0.938	0.008	0.902	0.009	0.752	0.014
1F 15V									
Wald	1000	1000	18	0.999	0.001	0.999	0.001	0.987	0.004
WaldVCF	1000	1000	18	0.968	0.006	0.912	0.009	0.746	0.014
WaldDiag,MM3	1000	1000	18	0.999	0.001	0.996	0.002	0.985	0.004
WaldDiag,RS2	1000	1000	18	0.999	0.001	0.997	0.002	0.987	0.004
Pearson,MM3	1000	1000	18	0.998	0.001	0.993	0.003	0.969	0.005
Pearson,RS2	1000	1000	18	0.998	0.001	0.993	0.003	0.973	0.005
2F 10V									
Wald	1000	1000	12	0.402	0.016	0.270	0.014	0.104	0.010
WaldVCF	1000	1000	12	0.265	0.014	0.153	0.011	0.040	0.006
WaldDiag,MM3	1000	1000	12	0.239	0.013	0.140	0.011	0.027	0.005
WaldDiag,RS2	1000	1000	12	0.246	0.014	0.149	0.011	0.034	0.006
Pearson,MM3	1000	1000	12	0.364	0.015	0.260	0.014	0.103	0.010
Pearson,RS2	1000	1000	12	0.365	0.015	0.265	0.014	0.127	0.011
3F 15V									
Wald	1000	1000	21	0.568	0.016	0.417	0.016	0.197	0.013
WaldVCF	1000	1000	21	0.338	0.015	0.205	0.013	0.062	0.008
WaldDiag,MM3	1000	1000	21	0.300	0.014	0.175	0.012	0.049	0.007
WaldDiag,RS2	1000	1000	21	0.305	0.015	0.188	0.012	0.057	0.007
Pearson,MM3	1000	1000	21	0.505	0.016	0.372	0.015	0.176	0.012
Pearson,RS2	1000	1000	21	0.509	0.016	0.385	0.015	0.195	0.013

Power ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	2	0.833	0.012	0.748	0.014	0.540	0.016
WaldVCF	1000	1000	2	0.828	0.012	0.742	0.014	0.531	0.016
WaldDiag,MM3	1000	1000	2	0.693	0.015	0.571	0.016	0.295	0.014
WaldDiag,RS2	1000	1000	2	0.693	0.015	0.572	0.016	0.317	0.015
Pearson,MM3	1000	1000	2	0.885	0.010	0.810	0.012	0.638	0.015
Pearson,RS2	1000	1000	2	0.885	0.010	0.813	0.012	0.647	0.015
1F 8V									
Wald	1000	1000	1	1.000	0.000	1.000	0.000	0.997	0.002
WaldVCF	1000	1000	1	1.000	0.000	1.000	0.000	0.996	0.002
WaldDiag,MM3	1000	1000	1	1.000	0.000	1.000	0.000	0.997	0.002
WaldDiag,RS2	1000	1000	1	1.000	0.000	1.000	0.000	0.997	0.002
Pearson,MM3	1000	1000	1	1.000	0.000	0.999	0.001	0.993	0.003
Pearson,RS2	1000	1000	1	1.000	0.000	0.999	0.001	0.995	0.002
1F 15V									
Wald	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	6	0.548	0.016	0.420	0.016	0.211	0.013
WaldVCF	1000	1000	6	0.474	0.016	0.339	0.015	0.155	0.011
WaldDiag,MM3	1000	1000	6	0.506	0.016	0.380	0.015	0.161	0.012
WaldDiag,RS2	1000	1000	6	0.507	0.016	0.388	0.015	0.190	0.012
Pearson,MM3	1000	1000	6	0.694	0.015	0.555	0.016	0.334	0.015
Pearson,RS2	1000	1000	6	0.695	0.015	0.574	0.016	0.365	0.015
3F 15V									
Wald	1000	1000	27	0.730	0.014	0.601	0.015	0.334	0.015
WaldVCF	1000	1000	27	0.610	0.015	0.467	0.016	0.215	0.013
WaldDiag,MM3	1000	1000	27	0.696	0.015	0.575	0.016	0.311	0.015
WaldDiag,RS2	1000	1000	27	0.702	0.014	0.583	0.016	0.346	0.015
Pearson,MM3	1000	1000	27	0.870	0.011	0.794	0.013	0.586	0.016
Pearson,RS2	1000	1000	27	0.871	0.011	0.800	0.013	0.610	0.015

Power ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.958	0.006	0.925	0.008	0.771	0.013
WaldVCF	1000	1000	1	0.958	0.006	0.922	0.008	0.761	0.013
WaldDiag,MM3	1000	1000	1	0.893	0.010	0.805	0.013	0.543	0.016
WaldDiag,RS2	1000	1000	1	0.893	0.010	0.807	0.012	0.562	0.016
Pearson,MM3	1000	1000	1	0.976	0.005	0.945	0.007	0.853	0.011
Pearson,RS2	1000	1000	1	0.976	0.005	0.947	0.007	0.863	0.011
1F 8V									
Wald	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	4	1.000	0.000	1.000	0.000	1.000	0.000
1F 15V									
Wald	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	26	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	10	0.649	0.015	0.525	0.016	0.301	0.015
WaldVCF	1000	1000	10	0.593	0.016	0.463	0.016	0.242	0.014
WaldDiag,MM3	1000	1000	10	0.673	0.015	0.559	0.016	0.315	0.015
WaldDiag,RS2	1000	1000	10	0.675	0.015	0.569	0.016	0.346	0.015
Pearson,MM3	1000	1000	10	0.801	0.013	0.723	0.014	0.528	0.016
Pearson,RS2	1000	1000	10	0.802	0.013	0.733	0.014	0.552	0.016
3F 15V									
Wald	1000	1000	40	0.865	0.011	0.791	0.013	0.563	0.016
WaldVCF	1000	1000	40	0.822	0.012	0.719	0.014	0.468	0.016
WaldDiag,MM3	1000	1000	40	0.889	0.010	0.818	0.012	0.622	0.015
WaldDiag,RS2	1000	1000	40	0.891	0.010	0.826	0.012	0.649	0.015
Pearson,MM3	1000	1000	40	0.961	0.006	0.936	0.008	0.865	0.011
Pearson,RS2	1000	1000	40	0.961	0.006	0.939	0.008	0.881	0.010

Strat-clust sampling

Type I errors ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	5	0.159	0.012	0.097	0.009	0.029	0.005
WaldVCF	1000	1000	5	0.122	0.010	0.060	0.008	0.014	0.004
WaldDiag,MM3	1000	1000	5	0.056	0.007	0.019	0.004	0.000	0.000
WaldDiag,RS2	1000	1000	5	0.056	0.007	0.020	0.004	0.001	0.001
Pearson,MM3	1000	1000	5	0.103	0.010	0.049	0.007	0.008	0.003
Pearson,RS2	1000	1000	5	0.099	0.009	0.050	0.007	0.011	0.003
1F 8V									
Wald	1000	1000	1	0.274	0.014	0.174	0.012	0.063	0.008
WaldVCF	1000	1000	1	0.102	0.010	0.054	0.007	0.011	0.003
WaldDiag,MM3	1000	1000	1	0.064	0.008	0.014	0.004	0.002	0.001
WaldDiag,RS2	1000	1000	1	0.065	0.008	0.016	0.004	0.003	0.002
Pearson,MM3	1000	1000	1	0.119	0.010	0.059	0.007	0.009	0.003
Pearson,RS2	1000	1000	1	0.119	0.010	0.063	0.008	0.015	0.004
1F 15V									
Wald	1000	1000	10	0.789	0.013	0.711	0.014	0.496	0.016
WaldVCF	1000	1000	10	0.155	0.011	0.060	0.008	0.013	0.004
WaldDiag,MM3	1000	1000	10	0.051	0.007	0.015	0.004	0.000	0.000
WaldDiag,RS2	1000	1000	10	0.052	0.007	0.016	0.004	0.000	0.000
Pearson,MM3	1000	1000	10	0.116	0.010	0.058	0.007	0.008	0.003
Pearson,RS2	1000	1000	10	0.119	0.010	0.064	0.008	0.013	0.004
2F 10V									
Wald	1000	1000	10	0.305	0.015	0.199	0.013	0.084	0.009
WaldVCF	1000	1000	10	0.136	0.011	0.074	0.008	0.013	0.004
WaldDiag,MM3	1000	1000	10	0.044	0.006	0.018	0.004	0.001	0.001
WaldDiag,RS2	1000	1000	10	0.045	0.007	0.020	0.004	0.002	0.001
Pearson,MM3	1000	1000	10	0.099	0.009	0.045	0.007	0.005	0.002
Pearson,RS2	1000	1000	10	0.099	0.009	0.048	0.007	0.008	0.003
3F 15V									
Wald	1000	1000	35	0.578	0.016	0.448	0.016	0.186	0.012
WaldVCF	1000	1000	35	0.167	0.012	0.077	0.008	0.009	0.003
WaldDiag,MM3	1000	1000	35	0.046	0.007	0.013	0.004	0.002	0.001
WaldDiag,RS2	1000	1000	35	0.047	0.007	0.014	0.004	0.002	0.001
Pearson,MM3	1000	1000	35	0.129	0.011	0.060	0.008	0.012	0.003
Pearson,RS2	1000	1000	35	0.130	0.011	0.064	0.008	0.012	0.003

Type I errors ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.127	0.011	0.066	0.008	0.014	0.004
WaldVCF	1000	1000	0	0.114	0.010	0.055	0.007	0.011	0.003
WaldDiag,MM3	1000	1000	0	0.063	0.008	0.026	0.005	0.002	0.001
WaldDiag,RS2	1000	1000	0	0.063	0.008	0.027	0.005	0.003	0.002
Pearson,MM3	1000	1000	0	0.110	0.010	0.056	0.007	0.007	0.003
Pearson,RS2	1000	1000	0	0.109	0.010	0.056	0.007	0.011	0.003
1F 8V									
Wald	1000	1000	1	0.196	0.013	0.128	0.011	0.035	0.006
WaldVCF	1000	1000	1	0.131	0.011	0.068	0.008	0.017	0.004
WaldDiag,MM3	1000	1000	1	0.087	0.009	0.040	0.006	0.006	0.002
WaldDiag,RS2	1000	1000	1	0.087	0.009	0.044	0.006	0.007	0.003
Pearson,MM3	1000	1000	1	0.117	0.010	0.064	0.008	0.017	0.004
Pearson,RS2	1000	1000	1	0.119	0.010	0.069	0.008	0.020	0.004
1F 15V									
Wald	1000	1000	15	0.427	0.016	0.302	0.015	0.119	0.010
WaldVCF	1000	1000	15	0.154	0.011	0.075	0.008	0.021	0.005
WaldDiag,MM3	1000	1000	15	0.072	0.008	0.033	0.006	0.003	0.002
WaldDiag,RS2	1000	1000	15	0.072	0.008	0.036	0.006	0.004	0.002
Pearson,MM3	1000	1000	15	0.123	0.010	0.067	0.008	0.020	0.004
Pearson,RS2	1000	1000	15	0.123	0.010	0.068	0.008	0.025	0.005
2F 10V									
Wald	1000	1000	11	0.204	0.013	0.126	0.010	0.034	0.006
WaldVCF	1000	1000	11	0.144	0.011	0.076	0.008	0.014	0.004
WaldDiag,MM3	1000	1000	11	0.062	0.008	0.026	0.005	0.005	0.002
WaldDiag,RS2	1000	1000	11	0.065	0.008	0.030	0.005	0.007	0.003
Pearson,MM3	1000	1000	11	0.118	0.010	0.057	0.007	0.012	0.003
Pearson,RS2	1000	1000	11	0.118	0.010	0.065	0.008	0.014	0.004
3F 15V									
Wald	1000	1000	36	0.352	0.015	0.249	0.014	0.104	0.010
WaldVCF	1000	1000	36	0.200	0.013	0.126	0.010	0.040	0.006
WaldDiag,MM3	1000	1000	36	0.106	0.010	0.046	0.007	0.005	0.002
WaldDiag,RS2	1000	1000	36	0.108	0.010	0.052	0.007	0.006	0.002
Pearson,MM3	1000	1000	36	0.146	0.011	0.085	0.009	0.020	0.004
Pearson,RS2	1000	1000	36	0.148	0.011	0.088	0.009	0.024	0.005

Type I errors ($n = 2000$)

Name	No. repl.	Converged	Rank def.	Rejection rate 10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	2	0.120	0.010	0.068	0.008	0.021	0.005
WaldVCF	1000	1000	2	0.115	0.010	0.059	0.007	0.014	0.004
WaldDiag,MM3	1000	1000	2	0.088	0.009	0.037	0.006	0.005	0.002
WaldDiag,RS2	1000	1000	2	0.087	0.009	0.039	0.006	0.005	0.002
Pearson,MM3	1000	1000	2	0.114	0.010	0.061	0.008	0.016	0.004
Pearson,RS2	1000	1000	2	0.114	0.010	0.065	0.008	0.018	0.004
1F 8V									
Wald	1000	1000	7	0.141	0.011	0.078	0.008	0.021	0.005
WaldVCF	1000	1000	7	0.108	0.010	0.053	0.007	0.014	0.004
WaldDiag,MM3	1000	1000	7	0.079	0.009	0.041	0.006	0.008	0.003
WaldDiag,RS2	1000	1000	7	0.080	0.009	0.042	0.006	0.009	0.003
Pearson,MM3	1000	1000	7	0.129	0.011	0.063	0.008	0.018	0.004
Pearson,RS2	1000	1000	7	0.130	0.011	0.066	0.008	0.019	0.004
1F 15V									
Wald	1000	1000	22	0.263	0.014	0.176	0.012	0.055	0.007
WaldVCF	1000	1000	22	0.161	0.012	0.088	0.009	0.021	0.005
WaldDiag,MM3	1000	1000	22	0.111	0.010	0.054	0.007	0.009	0.003
WaldDiag,RS2	1000	1000	22	0.111	0.010	0.056	0.007	0.011	0.003
Pearson,MM3	1000	1000	22	0.166	0.012	0.094	0.009	0.019	0.004
Pearson,RS2	1000	1000	22	0.167	0.012	0.096	0.009	0.023	0.005
2F 10V									
Wald	1000	1000	19	0.181	0.012	0.104	0.010	0.029	0.005
WaldVCF	1000	1000	19	0.144	0.011	0.085	0.009	0.015	0.004
WaldDiag,MM3	1000	1000	19	0.103	0.010	0.052	0.007	0.008	0.003
WaldDiag,RS2	1000	1000	19	0.103	0.010	0.055	0.007	0.009	0.003
Pearson,MM3	1000	1000	19	0.138	0.011	0.085	0.009	0.016	0.004
Pearson,RS2	1000	1000	19	0.138	0.011	0.087	0.009	0.020	0.004
3F 15V									
Wald	1000	1000	43	0.251	0.014	0.154	0.011	0.048	0.007
WaldVCF	1000	1000	43	0.174	0.012	0.091	0.009	0.028	0.005
WaldDiag,MM3	1000	1000	43	0.091	0.009	0.043	0.006	0.012	0.003
WaldDiag,RS2	1000	1000	43	0.094	0.009	0.046	0.007	0.015	0.004
Pearson,MM3	1000	1000	43	0.140	0.011	0.068	0.008	0.012	0.003
Pearson,RS2	1000	1000	43	0.143	0.011	0.072	0.008	0.017	0.004

Type I errors ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.124	0.010	0.064	0.008	0.013	0.004
WaldVCF	1000	1000	0	0.120	0.010	0.060	0.008	0.012	0.003
WaldDiag,MM3	1000	1000	0	0.103	0.010	0.042	0.006	0.010	0.003
WaldDiag,RS2	1000	1000	0	0.103	0.010	0.043	0.006	0.010	0.003
Pearson,MM3	1000	1000	0	0.113	0.010	0.055	0.007	0.014	0.004
Pearson,RS2	1000	1000	0	0.113	0.010	0.057	0.007	0.017	0.004
1F 8V									
Wald	1000	1000	5	0.136	0.011	0.077	0.008	0.015	0.004
WaldVCF	1000	1000	5	0.114	0.010	0.066	0.008	0.012	0.003
WaldDiag,MM3	1000	1000	5	0.101	0.010	0.047	0.007	0.008	0.003
WaldDiag,RS2	1000	1000	5	0.101	0.010	0.048	0.007	0.009	0.003
Pearson,MM3	1000	1000	5	0.128	0.011	0.072	0.008	0.020	0.004
Pearson,RS2	1000	1000	5	0.128	0.011	0.074	0.008	0.022	0.005
1F 15V									
Wald	1000	1000	17	0.227	0.013	0.128	0.011	0.044	0.006
WaldVCF	1000	1000	17	0.150	0.011	0.083	0.009	0.024	0.005
WaldDiag,MM3	1000	1000	17	0.119	0.010	0.065	0.008	0.013	0.004
WaldDiag,RS2	1000	1000	17	0.119	0.010	0.070	0.008	0.016	0.004
Pearson,MM3	1000	1000	17	0.180	0.012	0.102	0.010	0.025	0.005
Pearson,RS2	1000	1000	17	0.181	0.012	0.108	0.010	0.034	0.006
2F 10V									
Wald	1000	1000	26	0.172	0.012	0.090	0.009	0.018	0.004
WaldVCF	1000	1000	26	0.152	0.011	0.074	0.008	0.013	0.004
WaldDiag,MM3	1000	1000	26	0.099	0.009	0.054	0.007	0.008	0.003
WaldDiag,RS2	1000	1000	26	0.100	0.009	0.058	0.007	0.011	0.003
Pearson,MM3	1000	1000	26	0.133	0.011	0.075	0.008	0.016	0.004
Pearson,RS2	1000	1000	26	0.133	0.011	0.077	0.008	0.020	0.004
3F 15V									
Wald	1000	1000	59	0.211	0.013	0.124	0.010	0.034	0.006
WaldVCF	1000	1000	59	0.158	0.012	0.080	0.009	0.023	0.005
WaldDiag,MM3	1000	1000	59	0.117	0.010	0.058	0.007	0.017	0.004
WaldDiag,RS2	1000	1000	59	0.118	0.010	0.061	0.008	0.019	0.004
Pearson,MM3	1000	1000	59	0.154	0.011	0.081	0.009	0.016	0.004
Pearson,RS2	1000	1000	59	0.157	0.012	0.084	0.009	0.022	0.005

Power ($n = 500$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.350	0.015	0.243	0.014	0.107	0.010
WaldVCF	1000	1000	1	0.307	0.015	0.199	0.013	0.075	0.008
WaldDiag,MM3	1000	1000	1	0.144	0.011	0.061	0.008	0.013	0.004
WaldDiag,RS2	1000	1000	1	0.144	0.011	0.062	0.008	0.015	0.004
Pearson,MM3	1000	1000	1	0.331	0.015	0.225	0.013	0.077	0.008
Pearson,RS2	1000	1000	1	0.331	0.015	0.230	0.013	0.090	0.009
1F 8V									
Wald	1000	1000	2	0.837	0.012	0.761	0.013	0.575	0.016
WaldVCF	1000	1000	2	0.647	0.015	0.495	0.016	0.209	0.013
WaldDiag,MM3	1000	1000	2	0.654	0.015	0.508	0.016	0.236	0.013
WaldDiag,RS2	1000	1000	2	0.655	0.015	0.513	0.016	0.267	0.014
Pearson,MM3	1000	1000	2	0.671	0.015	0.529	0.016	0.288	0.014
Pearson,RS2	1000	1000	2	0.674	0.015	0.545	0.016	0.309	0.015
1F 15V									
Wald	1000	1000	12	0.989	0.003	0.983	0.004	0.950	0.007
WaldVCF	1000	1000	12	0.667	0.015	0.495	0.016	0.179	0.012
WaldDiag,MM3	1000	1000	12	0.903	0.009	0.803	0.013	0.569	0.016
WaldDiag,RS2	1000	1000	12	0.903	0.009	0.813	0.012	0.595	0.016
Pearson,MM3	1000	1000	12	0.914	0.009	0.839	0.012	0.630	0.015
Pearson,RS2	1000	1000	12	0.915	0.009	0.845	0.011	0.648	0.015
2F 10V									
Wald	1000	1000	7	0.458	0.016	0.324	0.015	0.163	0.012
WaldVCF	1000	1000	7	0.201	0.013	0.117	0.010	0.029	0.005
WaldDiag,MM3	1000	1000	7	0.116	0.010	0.043	0.006	0.005	0.002
WaldDiag,RS2	1000	1000	7	0.118	0.010	0.049	0.007	0.006	0.002
Pearson,MM3	1000	1000	7	0.252	0.014	0.148	0.011	0.038	0.006
Pearson,RS2	1000	1000	7	0.254	0.014	0.157	0.012	0.048	0.007
3F 15V									
Wald	1000	1000	27	0.696	0.015	0.582	0.016	0.318	0.015
WaldVCF	1000	1000	27	0.234	0.013	0.132	0.011	0.028	0.005
WaldDiag,MM3	1000	1000	27	0.102	0.010	0.048	0.007	0.006	0.002
WaldDiag,RS2	1000	1000	27	0.103	0.010	0.051	0.007	0.008	0.003
Pearson,MM3	1000	1000	27	0.283	0.014	0.178	0.012	0.053	0.007
Pearson,RS2	1000	1000	27	0.286	0.014	0.185	0.012	0.067	0.008

Power ($n = 1000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.578	0.016	0.457	0.016	0.249	0.014
WaldVCF	1000	1000	1	0.567	0.016	0.439	0.016	0.221	0.013
WaldDiag,MM3	1000	1000	1	0.386	0.015	0.261	0.014	0.075	0.008
WaldDiag,RS2	1000	1000	1	0.384	0.015	0.264	0.014	0.087	0.009
Pearson,MM3	1000	1000	1	0.627	0.015	0.522	0.016	0.307	0.015
Pearson,RS2	1000	1000	1	0.626	0.015	0.523	0.016	0.317	0.015
1F 8V									
Wald	1000	1000	4	0.984	0.004	0.961	0.006	0.888	0.010
WaldVCF	1000	1000	4	0.965	0.006	0.933	0.008	0.758	0.014
WaldDiag,MM3	1000	1000	4	0.971	0.005	0.945	0.007	0.790	0.013
WaldDiag,RS2	1000	1000	4	0.971	0.005	0.947	0.007	0.813	0.012
Pearson,MM3	1000	1000	4	0.957	0.006	0.917	0.009	0.769	0.013
Pearson,RS2	1000	1000	4	0.957	0.006	0.919	0.009	0.788	0.013
1F 15V									
Wald	1000	1000	17	1.000	0.000	0.999	0.001	0.991	0.003
WaldVCF	1000	1000	17	0.987	0.004	0.965	0.006	0.844	0.011
WaldDiag,MM3	1000	1000	17	1.000	0.000	0.998	0.001	0.994	0.002
WaldDiag,RS2	1000	1000	17	1.000	0.000	0.998	0.001	0.996	0.002
Pearson,MM3	1000	1000	17	1.000	0.000	0.999	0.001	0.987	0.004
Pearson,RS2	1000	1000	17	1.000	0.000	0.999	0.001	0.990	0.003
2F 10V									
Wald	1000	1000	11	0.431	0.016	0.301	0.015	0.127	0.011
WaldVCF	1000	1000	11	0.307	0.015	0.180	0.012	0.068	0.008
WaldDiag,MM3	1000	1000	11	0.268	0.014	0.146	0.011	0.048	0.007
WaldDiag,RS2	1000	1000	11	0.272	0.014	0.152	0.011	0.054	0.007
Pearson,MM3	1000	1000	11	0.406	0.016	0.287	0.014	0.128	0.011
Pearson,RS2	1000	1000	11	0.407	0.016	0.300	0.014	0.148	0.011
3F 15V									
Wald	1000	1000	38	0.619	0.015	0.494	0.016	0.243	0.014
WaldVCF	1000	1000	38	0.409	0.016	0.261	0.014	0.100	0.009
WaldDiag,MM3	1000	1000	38	0.383	0.015	0.252	0.014	0.077	0.008
WaldDiag,RS2	1000	1000	38	0.384	0.015	0.264	0.014	0.082	0.009
Pearson,MM3	1000	1000	38	0.617	0.015	0.480	0.016	0.271	0.014
Pearson,RS2	1000	1000	38	0.620	0.015	0.489	0.016	0.294	0.014

Power ($n = 2000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	0	0.821	0.012	0.722	0.014	0.484	0.016
WaldVCF	1000	1000	0	0.813	0.012	0.716	0.014	0.474	0.016
WaldDiag,MM3	1000	1000	0	0.663	0.015	0.522	0.016	0.264	0.014
WaldDiag,RS2	1000	1000	0	0.661	0.015	0.530	0.016	0.274	0.014
Pearson,MM3	1000	1000	0	0.863	0.011	0.793	0.013	0.589	0.016
Pearson,RS2	1000	1000	0	0.863	0.011	0.795	0.013	0.609	0.015
1F 8V									
Wald	1000	1000	1	1.000	0.000	0.999	0.001	0.998	0.001
WaldVCF	1000	1000	1	1.000	0.000	0.999	0.001	0.998	0.001
WaldDiag,MM3	1000	1000	1	1.000	0.000	0.999	0.001	0.998	0.001
WaldDiag,RS2	1000	1000	1	1.000	0.000	0.999	0.001	0.998	0.001
Pearson,MM3	1000	1000	1	1.000	0.000	1.000	0.000	0.992	0.003
Pearson,RS2	1000	1000	1	1.000	0.000	1.000	0.000	0.995	0.002
1F 15V									
Wald	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	19	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	9	0.533	0.016	0.385	0.015	0.193	0.012
WaldVCF	1000	1000	9	0.448	0.016	0.312	0.015	0.137	0.011
WaldDiag,MM3	1000	1000	9	0.525	0.016	0.382	0.015	0.158	0.012
WaldDiag,RS2	1000	1000	9	0.527	0.016	0.389	0.015	0.183	0.012
Pearson,MM3	1000	1000	9	0.665	0.015	0.552	0.016	0.339	0.015
Pearson,RS2	1000	1000	9	0.665	0.015	0.556	0.016	0.370	0.015
3F 15V									
Wald	1000	1000	38	0.750	0.014	0.635	0.015	0.360	0.015
WaldVCF	1000	1000	38	0.652	0.015	0.497	0.016	0.238	0.013
WaldDiag,MM3	1000	1000	38	0.726	0.014	0.597	0.016	0.324	0.015
WaldDiag,RS2	1000	1000	38	0.729	0.014	0.605	0.015	0.349	0.015
Pearson,MM3	1000	1000	38	0.887	0.010	0.821	0.012	0.624	0.015
Pearson,RS2	1000	1000	38	0.889	0.010	0.827	0.012	0.659	0.015

Power ($n = 3000$)

				Rejection rate					
Name	No. repl.	Converged	Rank def.	10%	se10	5%	se5	1%	se1
1F 5V									
Wald	1000	1000	1	0.947	0.007	0.901	0.009	0.755	0.014
WaldVCF	1000	1000	1	0.947	0.007	0.900	0.009	0.750	0.014
WaldDiag,MM3	1000	1000	1	0.885	0.010	0.778	0.013	0.523	0.016
WaldDiag,RS2	1000	1000	1	0.883	0.010	0.784	0.013	0.534	0.016
Pearson,MM3	1000	1000	1	0.964	0.006	0.938	0.008	0.821	0.012
Pearson,RS2	1000	1000	1	0.964	0.006	0.938	0.008	0.832	0.012
1F 8V									
Wald	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	2	1.000	0.000	1.000	0.000	1.000	0.000
1F 15V									
Wald	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldVCF	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,MM3	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
WaldDiag,RS2	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,MM3	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
Pearson,RS2	1000	1000	23	1.000	0.000	1.000	0.000	1.000	0.000
2F 10V									
Wald	1000	1000	6	0.671	0.015	0.550	0.016	0.314	0.015
WaldVCF	1000	1000	6	0.616	0.015	0.489	0.016	0.251	0.014
WaldDiag,MM3	1000	1000	6	0.730	0.014	0.609	0.015	0.348	0.015
WaldDiag,RS2	1000	1000	6	0.734	0.014	0.616	0.015	0.381	0.015
Pearson,MM3	1000	1000	6	0.845	0.011	0.765	0.013	0.556	0.016
Pearson,RS2	1000	1000	6	0.845	0.011	0.770	0.013	0.589	0.016
3F 15V									
Wald	1000	1000	34	0.887	0.010	0.811	0.012	0.598	0.016
WaldVCF	1000	1000	34	0.846	0.011	0.745	0.014	0.495	0.016
WaldDiag,MM3	1000	1000	34	0.909	0.009	0.840	0.012	0.643	0.015
WaldDiag,RS2	1000	1000	34	0.912	0.009	0.847	0.011	0.664	0.015
Pearson,MM3	1000	1000	34	0.976	0.005	0.957	0.006	0.891	0.010
Pearson,RS2	1000	1000	34	0.976	0.005	0.960	0.006	0.902	0.009