

Behaviour under the null:  $\rho=0.5$

Scenario	P-value E(N)<P	0.05	0.01	1e-3	1e-4	1e-5	1e-6	1e-7	1e-8
		5000	1000	100	10	1	0.1	0.01	1e-3
<i>continuous</i> <i>without outliers</i> <i>MAF=30%</i>	MultiPhen	4997	962	106	8	2	1	0	
	CCA	4951	970	96	8	2	1	0	
	UNI	5203	1031	115	12	2	0		
<i>continuous</i> <i>without outliers</i> <i>MAF=0.5%</i>	MultiPhen	5030	977	112	12	1	0		
	CCA	4993	973	112	12	1	0		
	UNI	5345	1092	103	13	4	0		
<i>continuous</i> <i>without outliers</i> <i>MAF=5%, N=200</i>	MultiPhen	5268	1079	127	15	1	0		
	CCA	5042	1010	105	10	1	0		
	UNI	5287	1126	117	11	0			
<i>continuous</i> <i>with outliers</i> <i>MAF=30%</i>	MultiPhen	5041	988	102	14	3	0		
	CCA	4995	977	103	8	1	0		
	UNI	5350	1042	104	11	1	0		
<i>continuous</i> <i>with outliers</i> <i>MAF=0.5%</i>	MultiPhen	4513	952	83	8	1	0		
	CCA	5244	1419	317	130	74	51	41	26
	UNI	5612	1446	293	107	57	37	26	19
<i>continuous</i> <i>with outliers</i> <i>MAF=5%, N=200</i>	MultiPhen	5220	1111	108	8	0			
	CCA	5336	1282	196	31	16	4	3	2
	UNI	5562	1316	174	30	9	3	1	0
<i>binary</i> <i>MAF=30%</i>	MultiPhen	4866	940	93	11	2	0		
	CCA	4959	955	98	9	1	0		
	UNI	5554	1047	111	13	0			
<i>binary</i> <i>MAF=0.5%</i>	MultiPhen	5485	1315	107	10	2	0		
	CCA	4942	1048	152	24	6	2	1	0
	UNI	5455	1231	177	31	8	2	1	0
<i>binary</i> <i>MAF=5%, N=200</i>	MultiPhen	5759	989	94	14	1	0		
	CCA	4608	1087	204	50	17	5	2	0
	UNI	5056	1383	266	61	22	7	2	2