

Appendix III Additional tables and figures

Table 4: Selected results showed in Figure 4. % denotes the relative decrease compared to ϕ^N .

Scenario	R^2	ϕ^N		ϕ^E				$\phi^{<,0.05}$			
		E	P	E	%E	P	%P	E	%E	P	%P
K=2	0	0.0784	0.0740	0.0781	0.29	0.0737	0.49	0.0562	28.22	0.0562	24.04
N=280	0.25	0.0788	0.0737	0.0783	0.65	0.0697	5.39	0.0593	24.75	0.0371	49.68
	0.5	0.0785	0.0726	0.0781	0.55	0.0619	14.76	0.0612	22.07	0.0225	69.08
K=3	0	0.0775	0.0732	0.0763	1.53	0.0722	1.36	0.0438	43.54	0.0516	29.42
N=280	0.25	0.0778	0.0737	0.0763	1.87	0.0679	7.86	0.0474	39.09	0.0339	54.02
	0.5	0.0781	0.0731	0.0769	1.62	0.0605	17.23	0.0503	35.59	0.0211	71.12
K=4	0	0.0781	0.0740	0.0755	3.36	0.0721	2.64	0.0355	54.49	0.0501	32.35
N=280	0.25	0.0786	0.0738	0.0759	3.31	0.0670	9.22	0.0396	49.58	0.0326	55.78
	0.5	0.0782	0.0739	0.0759	2.94	0.0606	18.04	0.0428	45.26	0.0201	72.78
K=2	0	0.0929	0.0861	0.0928	0.18	0.0859	0.30	0.0773	16.85	0.0657	23.72
N=560	0.25	0.0931	0.0870	0.0928	0.30	0.0798	8.28	0.0799	14.13	0.0431	50.48
	0.5	0.0930	0.0863	0.0930	-0.07	0.0675	21.85	0.0813	12.57	0.0254	70.58
K=2	0	0.1007	0.1005	0.1006	0.09	0.1003	0.24	0.0920	8.68	0.0810	19.44
N=1120	0.25	0.1006	0.1008	0.1006	0.04	0.0897	10.97	0.0932	7.43	0.0535	46.92
	0.5	0.1006	0.1004	0.1012	-0.64	0.0736	26.735	0.0945	6.05	0.0314	68.72

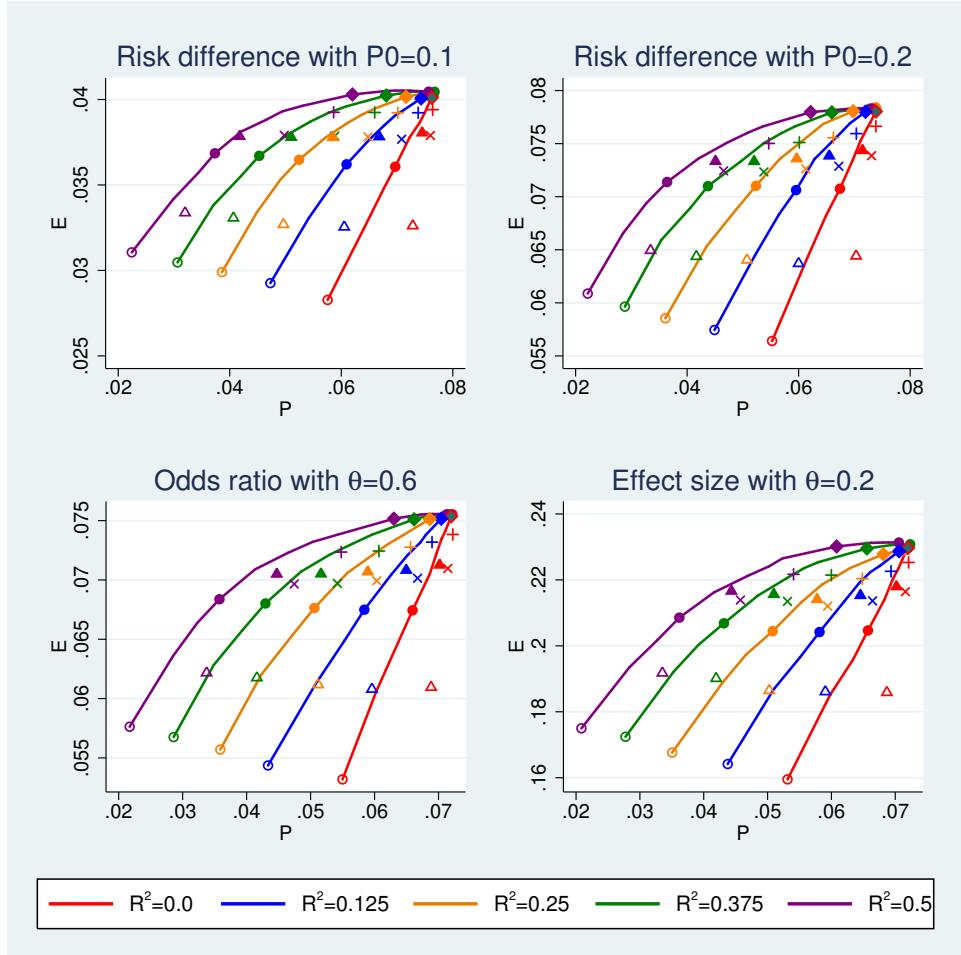


Figure 5: Additional scenarios in Appendix II using moderate scenario and $\tau = 0.5$ for risk difference with $\pi_{sgi}^S = 0.1$ (1), risk difference with $\pi_{sgi}^S = 0.2$ (2), odds ratio (3b) and effect size (4b)

For the explanation of symbols see Figure 3. Note that y- and x-scales vary from plot to plot.

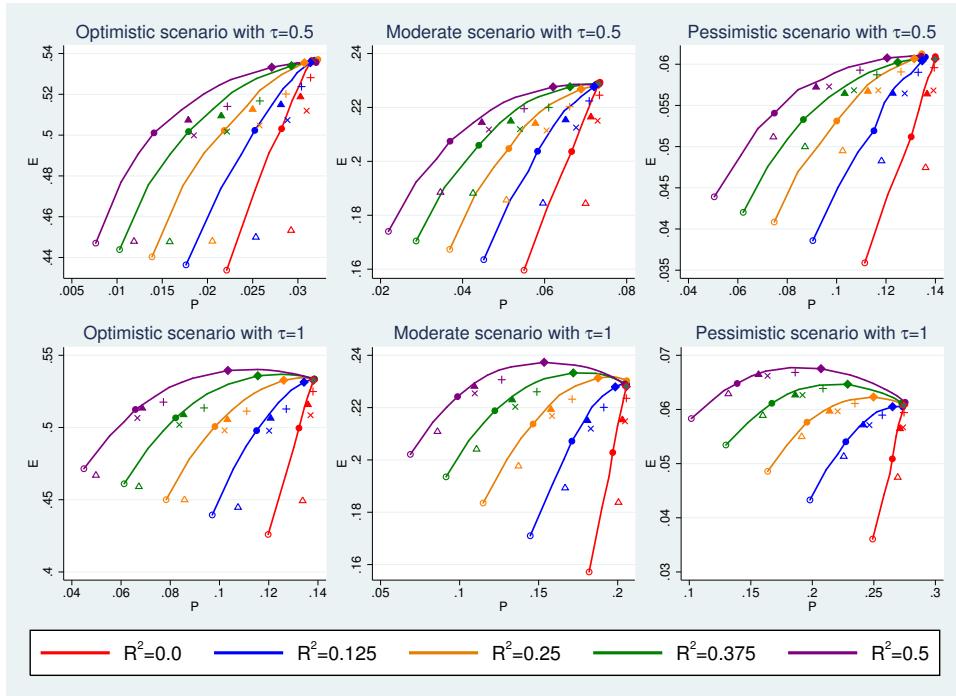


Figure 6: Plot of E vs. P using different decision rules for three scenarios with $\tau = 0.5/1$ and five different values of R^2 using odds ratios (scenario 3a in Appendix II)

For the explanation of symbols see Figure 3. Note that y- and x-scales vary from plot to plot.

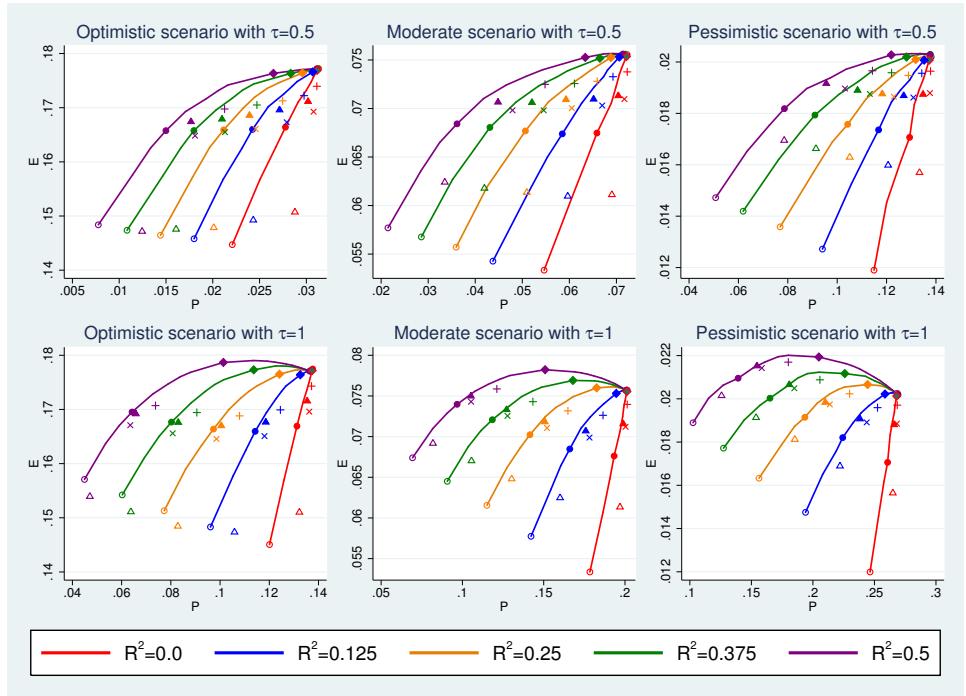


Figure 7: Plot of E vs. P using different decision rules for three scenarios with $\tau = 0.5/1$ and five different values of R^2 using effect sizes (scenario 4a in Appendix II)

For the explanation of symbols see Figure 3. Note that y- and x-scales vary from plot to plot.