Supporting Information for "Designing Precision Medicine Trials to Yield Greater Population Impact" by

Ying-Qi Zhao*

and

Michael L. LeBlanc

Public Health Sciences Division, Fred Hutchinson Cancer Research Center

1 Additional details for examples in Section 2.1

Table 1: Model parameters

Example	a_{00}	a_{10}	a_{01}	a_{11}
1	0	0	0	0
2	0	0	0	2
3	0	0	-2	4
4	-3	4	-2	4

Figure 1: Non centrality curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ for a screening size of 2000 ($ns = 2000$)
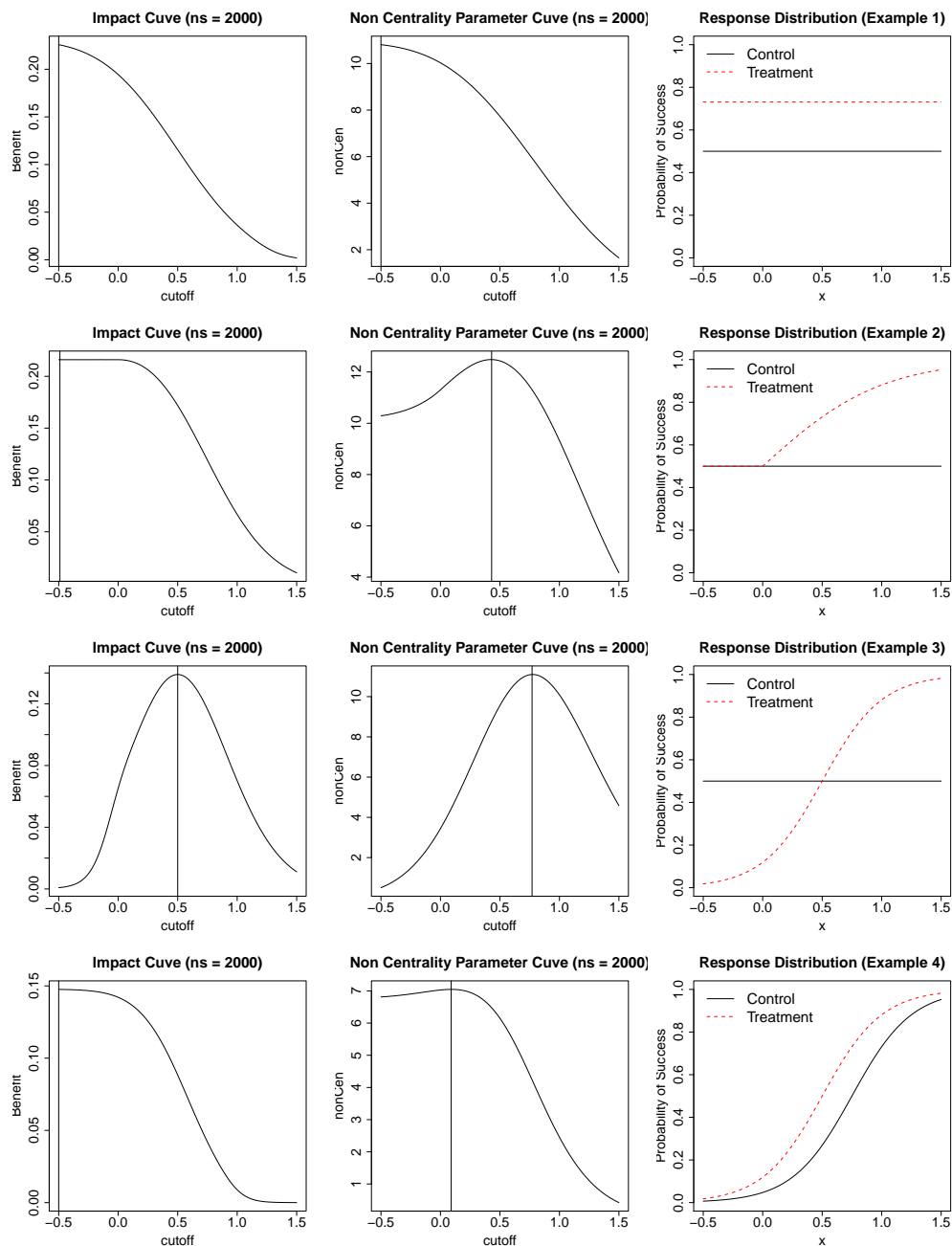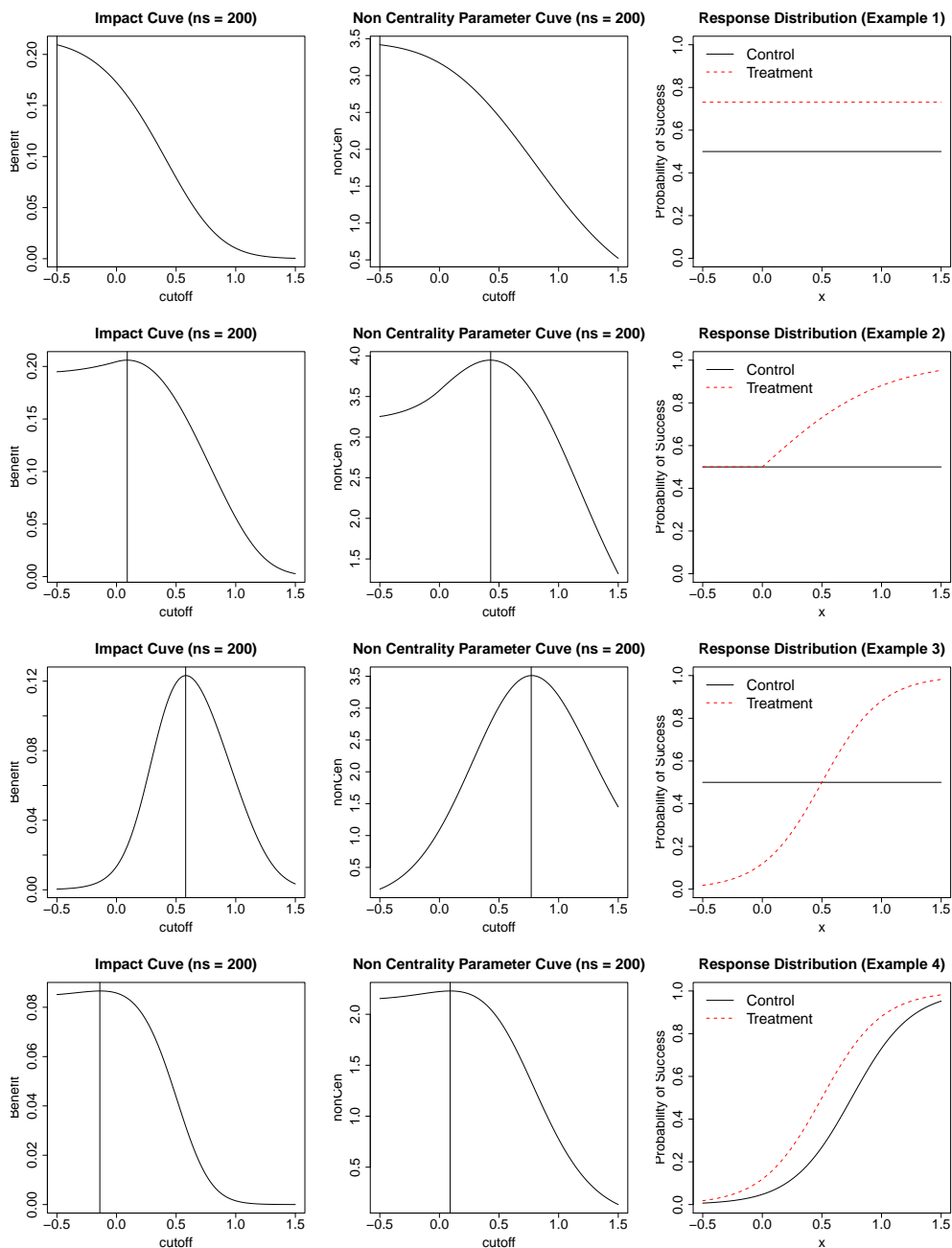
Figure 2: Non centrality curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ for a screening size of 200 ($ns = 200$)
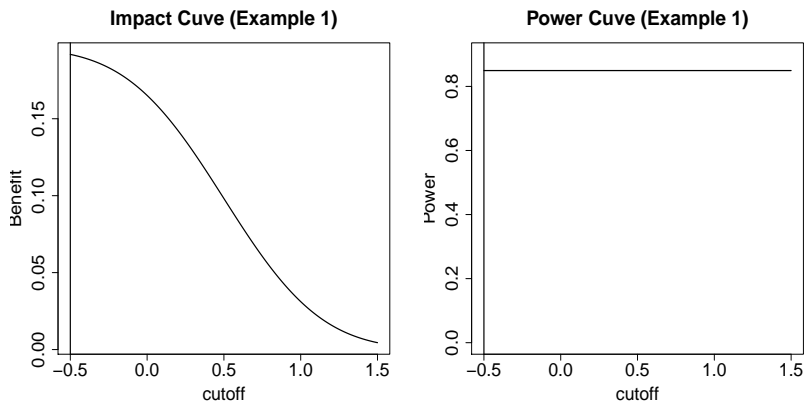
Figure 3: Power curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ from Example 1 under fixed sample size for randomization
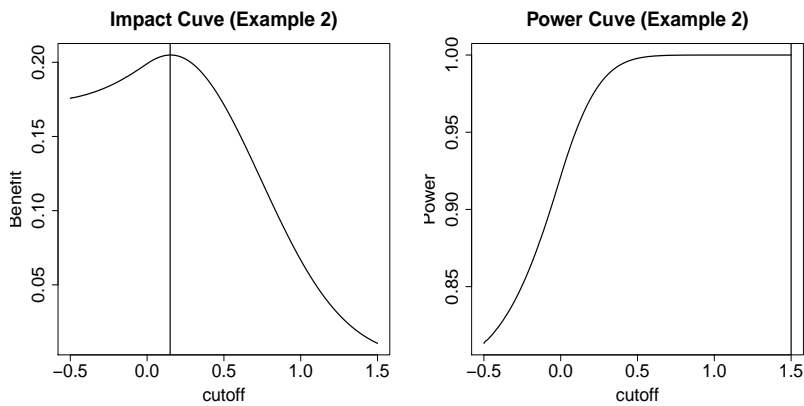

Figure 4: Power curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ from Example 2 under fixed sample size for randomization
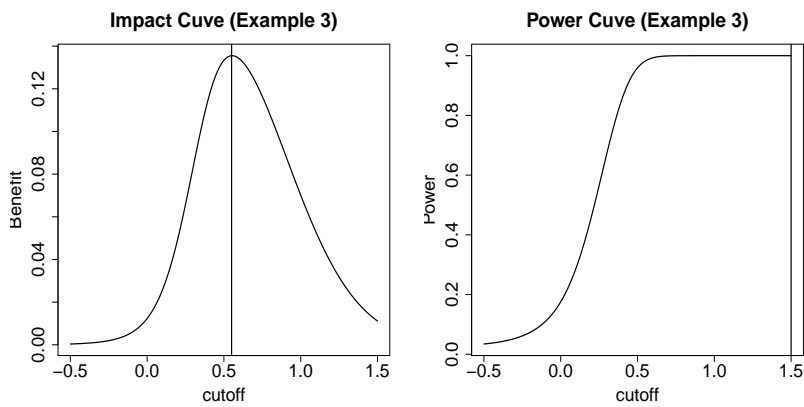

Figure 5: Power curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ from Example 3 under fixed sample size for randomization
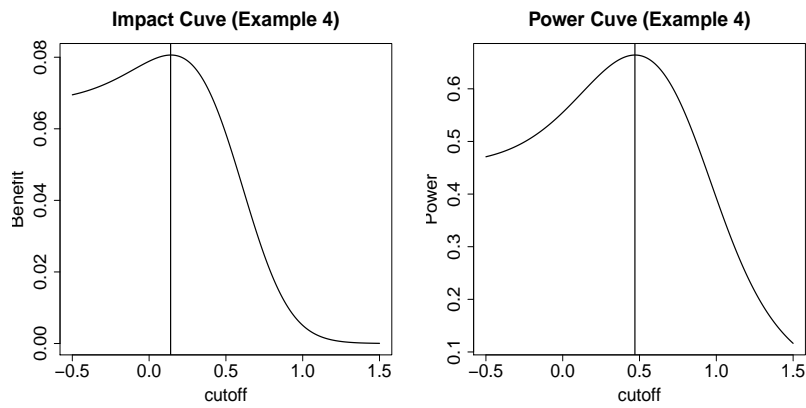
Figure 6: Power curve and the ultimate impact curve of the enrichment clinical trial based on eligibility criterion $X > c$ from Example 4 under fixed sample size for randomization