

Number of clusters in each arm (g)	τ	Intraclass correlation coefficient $\rho=0.005$									Intraclass correlation coefficient $\rho=0.02$									
		γ	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
5	0.1		0.80																	
	0.2		0.79	0.80																
	0.3		0.77	0.79	0.80															
	0.4		0.75	0.78	0.80	0.80														
	0.5		0.71	0.76	0.79	0.80	0.80													
	0.6		0.66	0.73	0.77	0.79	0.80	0.80												
	0.7		0.60	0.69	0.74	0.77	0.79	0.80	0.80											
	0.8		0.52	0.63	0.70	0.74	0.77	0.78	0.80	0.80										
	0.9		0.42	0.56	0.64	0.70	0.73	0.76	0.78	0.79	0.80									
10	0.1		0.80																	
	0.2		0.80	0.80																
	0.3		0.79	0.80	0.80															
	0.4		0.77	0.79	0.80	0.80														
	0.5		0.77	0.78	0.79	0.80	0.80													
	0.6		0.75	0.77	0.78	0.79	0.80	0.80												
	0.7		0.72	0.74	0.77	0.78	0.79	0.80	0.80											
	0.8		0.66	0.70	0.73	0.76	0.78	0.79	0.80	0.80										
	0.9		0.54	0.60	0.66	0.70	0.74	0.76	0.78	0.80	0.80									
20	0.1		0.80																	
	0.2		0.80	0.80																
	0.3		0.80	0.80	0.80															
	0.4		0.79	0.80	0.80	0.80														
	0.5		0.77	0.79	0.80	0.80	0.80													
	0.6		0.76	0.78	0.79	0.80	0.80	0.80												
	0.7		0.74	0.77	0.78	0.79	0.80	0.80	0.80											
	0.8		0.73	0.75	0.76	0.78	0.79	0.79	0.80	0.80										
	0.9		0.65	0.68	0.72	0.74	0.76	0.78	0.79	0.88	0.80									
40	0.1		0.80																	
	0.2		0.80	0.80																
	0.3		0.80	0.80	0.80															
	0.4		0.80	0.80	0.80	0.80														
	0.5		0.79	0.80	0.80	0.80	0.80													
	0.6		0.79	0.79	0.80	0.80	0.80	0.80												
	0.7		0.78	0.79	0.79	0.80	0.80	0.80	0.80											
	0.8		0.76	0.77	0.78	0.79	0.79	0.80	0.80	0.80										
	0.9		0.72	0.74	0.75	0.77	0.78	0.79	0.80	0.80	0.80									

Non reachable 80% power

γ is the proportion of big clusters and τ the proportion of patients in big clusters

The effect size to be detected was fixed at 0.25, the nominal values for type I and type II error rates were fixed at 0.05 and 0.20, respectively.

