Input parameters	Value	Apriori analysis			Post-hoc analysis	
		Output parameters	Value	Value	Output parameters	Value
Tail	Two	Non-centrality parameter δ	3.626	Two	Non-centrality parameter δ	3.488
Mean HO	40.4	Critical t	1.970	40.4	Critical t	1.971
Mean H1	44.8	Df	224	44.8	Df	213.85
SD σ	18.49	Total sample size	225	18.49	Power (1-β err prob)	0.934
Calculated effect size d	0.2417523	Actual power	0.950	0.2379665		
A err prob (Default in the software)	0.05			0.05		
Total sample size	0.95			225		

Supplementary Table I. Sample size calculation using apriori analysis followed by post-hoc analysis