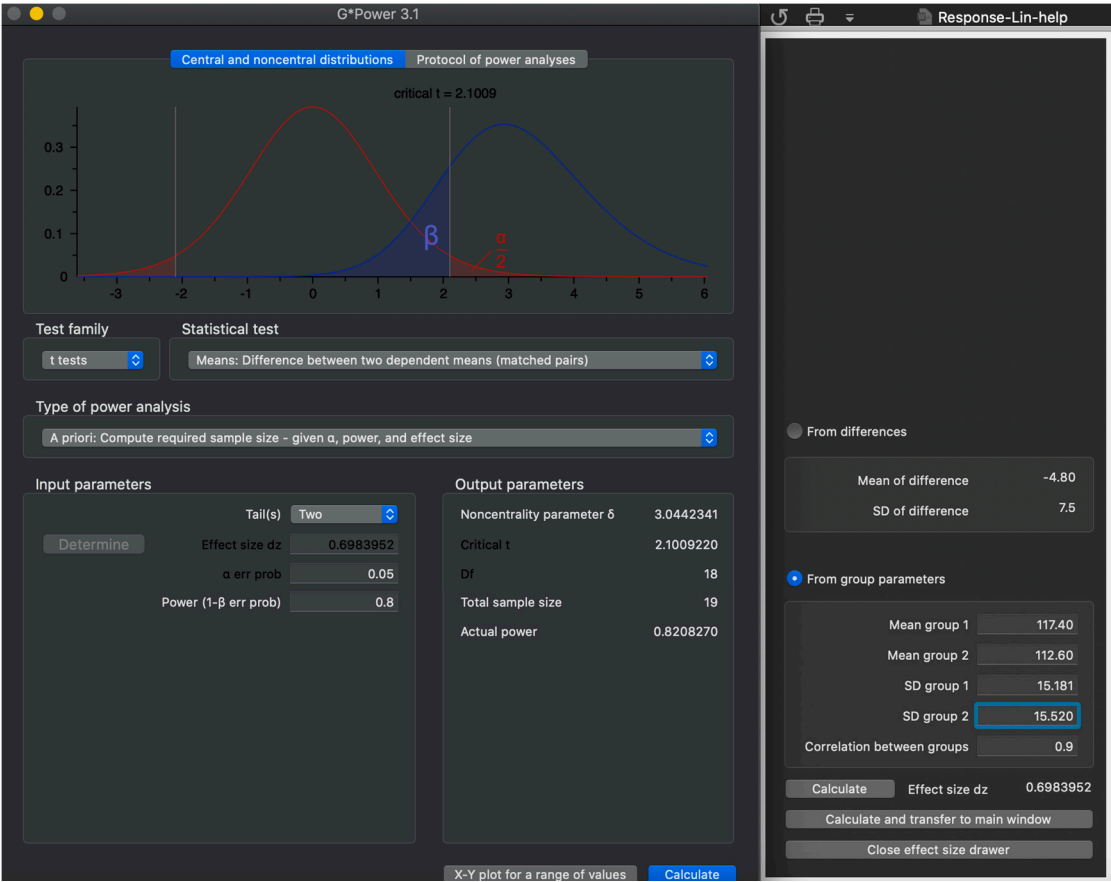


Supplement 1: Sample size and power calculations.



Supplement 2: The differences and effect size of pre-post parameters.

Post/Pre	Systolic BP	Diastolic BP	Heart Rate	End Sys	End Dia	M A P	P P LV Esec Time	Cardiac Output	Stroke Vol	SV Compl	SV Resis	BA Compl	BA Disten	BA Resis
	-8.5	-9.5	-3.5	-10	-9.5	-10	-0.5	0.015	1.40	0.035	-173.5	-0.012	-0.545	44
	3.5	3.5	-4.5	8	3.5	3.5	4.5	0.008	0.25	-0.05	264	0.0035	0.13	10.5
	5	0	-8	0	0	-1	0	0.013	0.90	0.01	172	-0.003	-0.14	13
	-5	0	-4.5	1	0	0	1	-0.003	1.30	0	160.5	0	-0.005	29
	-10.5	0.5	-7.5	-18	0.5	-4.5	-18.5	0.070	-3.50	0.325	256.5	0.0145	1.655	-33.5
	-6	-5	-5.5	-6.5	-5	-6	-1.5	-0.005	0.05	0.025	-46	-0.002	0.13	19.5
	-8	-2	-2	-6	-2	-4	-4	0.003	-1.60	0.07	-30	-0.001	0.07	1
	-3	-7.5	-9	-1	-7.5	-5.5	6.5	0.029	1.55	-0.04	17	-0.004	-0.205	45
	9	4.5	1.5	9	4.5	6	4.5	0.001	-1.20	-0.105	167.5	-0.0015	-0.45	-13.5
	-14	-5	-5	-32	-5	-18	-27	0.024	-6.00	0.25	-30	0.019	2.11	-43
	-1	1	-2	-1	1	3	-2	-0.090	3.40	0.15	68	0.023	2.11	-14
	-3	-5.5	-1	-1	-5.5	-4.5	0	-0.003	-0.010	-0.015	50	0.01	0.665	-3.5
	6	2.5	-5.5	3	2.5	5	0.5	0.022	1.75	0.03	140.5	-0.0085	-1.03	22.5
	-10.5	-2.5	-1	-12	-2.5	-7.5	-9.5	-0.004	-1.80	0.09	-87.5	0.0075	0.98	-23
	-16	-11	-7	-18	-11	-15	-7	-0.017	2.50	0.11	-275	-0.001	0.29	37
	1.5	2.5	-2	1	2.5	2.5	-1.5	0.003	-0.95	0.005	93.5	0.0065	0.52	-12.5
	-12	-9	-6	-13	-9	-11	-4	0.001	1.60	0.1	-119	-0.008	-0.12	21
	-7.5	-3	5.5	-13	-3	-1	-10	-0.004	-2.40	0.14	-83.5	0.0075	0.795	-65.5
	-17	-6	-1	-17.5	-6	-10.5	-11.5	-0.009	-3.00	0.27	-111.5	0.015	2.255	-15.5
	1	2	1.5	4	5.5	6	-1.5	-0.063	-1.30	0	203.5	0.0085	0.435	1
Mean of difference	-4.8	-2.5	-3.3	-6.2	-2.3	-3.6	-4.1	0.000	-0.183	0.1	31.9	0.0	0.5	1.0
SD of difference	7.5	4.7	3.7	10.4	4.9	7.0	8.1	0.032	2.30	0.1	149.9	0.0	0.9	29.3
Effect Size	-0.638	-0.532	-0.911	-0.591	-0.470	-0.520	-0.505	-0.013	-0.153	0.625	0.213	0.391	0.521	0.033
p	0.010	0.028	0.001	0.016	0.049	0.031	0.036	0.953	0.501	0.012	0.354	0.097	0.031	0.883