

Sample Size Calculation when using large sample binomial confidence interval

ALL YOU NEED TO DO IS CHANGE THE ESTIMATE OF SURVIVAL AND ANNUAL SAMPLE SIZE AND THE REST AUTOMATICALLY CHANGES. The lower bound is of interest.

Expected LCI and UCI

z(alpha/2) 1.645

Annual S 0.94

Annual n 25

n		SE(S-hat)	LCI	UCI	refer
1	25	0.047497	0.861867	1.018133	0.91
2	50	0.033586	0.884752	0.995248	0.91
3	75	0.027423	0.89489	0.98511	0.91
4	100	0.023749	0.900933	0.979067	0.91
5	125	0.021241	0.905058	0.974942	0.91
6	150	0.019391	0.908102	0.971898	0.91
7	175	0.017952	0.910468	0.969532	0.91
8	200	0.016793	0.912376	0.967624	0.91
9	225	0.015832	0.913956	0.966044	0.91
10	250	0.01502	0.915292	0.964708	0.91
11	275	0.014321	0.916442	0.963558	0.91
12	300	0.013711	0.917445	0.962555	0.91
13	325	0.013173	0.91833	0.96167	0.91
14	350	0.012694	0.919118	0.960882	0.91
15	375	0.012264	0.919826	0.960174	0.91
16	400	0.011874	0.920467	0.959533	0.91

