

## Comparison of OpenEpi module ‘Sample Size For Comparing Two Means’ to other public software and statistical textbook.

Date last tested: 7/11/05.

	CI %, power %, ratio of $n_2/n_1$ , Mean difference (Group 1 – Group 2), $s_1$ , $s_2$ .			
Data input	95%, 80%, 1, 5.42, 15.34, 18.23	95%, 80%, 2, 5.42, 15.34, 18.23	95%, 80%, 1, -0.24, 0.64, 0.76	95%, 90%, 2, 1, 3.0, 2.8
OpenEpi	$n_1 = 152$ $n_2 = 152$	$n_1 = 108$ $n_2 = 216$	$n_1 = 135$ $n_2 = 135$	$n_1 = 133$ $n_2 = 133$
Rosner	$n_1 = 152$ $n_2 = 152$	$n_1 = 108$ $n_2 = 216$	$n_1 = 135$ $n_2 = 135$	$n_1 = 133$ $n_2 = 133$

‘CI’ Confidence interval; ‘ $n_1$ ’ sample size of Group 1; ‘ $n_2$ ’ sample size of Group 2; ‘ $s_1$ ’ standard deviation of Group 1 ‘ $s_2$ ’ standard deviation of Group 2;

Reference:

- Bernard Rosner. Fundamentals of Biostatistics (5th edition). (data obtained from examples and problems)