

Comparison of Power Estimation of Unmatched Case Control study to other public software programs.

Date last tested: 7/11/05.

	CI%, n ₁ , p ₁ , n ₂ , p ₂							
Data input	95%, 100, 20%, 200, 10%1		95%, 100, 10%, 200, 20%		95, 474, 45%, 255, 35.29%		95, 474, 35.29%, 255, 45%	
software	Power	Power with continuity correction	Power	Power with continuity correction	Power	Power with continuity correction	Power	Power with continuity correction
OpenEpi	65.78%	59.26%	60.09%	52.65%	72.12%	69.32%	72.67%	69.93%
PEPI	65.78%	59.25%	60.09%	52.5%	72.12%	69.32	72.66%	69.93%
EPI 505	65.8%	NA	60.08%	NA	72.03%	NA	72.58%	NA

Confidence interval CI; number of cases 'n₁'; percent of exposure among cases 'p₁'; number of controls 'n₂'; percent of exposure among controls 'p₂'.

Reference:

- PEPI: Abramson JH and Gahlinger PM (2001). Computer program for epidemiologists: PEPI version 4.0. Sagebrush Press, Salt Lake City. Used POWR.EXE version 4.0.
- Epidemiology 505 - Emory University (version - 11 October 2000)