

This link contains a number of programs for power analysis within a longitudinal or clustered data setting. The programs are developed in SAS. The programs under “Programs and documentation” are developed for power analysis for the simulation examples in:

Tu, X.M., Kowalski, J., Crits-Christoph, P., and Gallop, R.J.: Power analyses for correlations from clustered study designs. *Statistics in Medicine*, 40: 2587-2606, 2006.

In addition, we have developed programs for calculating power for correlation analysis within a longitudinal setting. These programs, which can be found under “Additional programs and documentations,” differ from those under “Programs and documentation” in that no simulation is performed and power estimates are calculated based on the asymptotic distribution of the Pearson’s estimates.