

```
. power pcorr 0.13, ntested(80) ncontrol(10)

Performing iteration ...

Estimated sample size for multiple linear regression
F test for partial correlation
H0: rho2_p = 0 versus Ha: rho2_p != 0

Study parameters:

      alpha =      0.0500
      power =      0.8000
      delta =      0.1494
      rho2_p =      0.1300
      ncontrol =      10
      ntested =      80

Estimated sample size:

      N =      304
```

Appendix1: The sample size determination command for the current study with Stata17.