



Test family

F tests

Statistical test

ANCOVA: Fixed effects, main effects and interactions

Type of power analysis

A priori: Compute required sample size - given α , power, and effect size

Input parameters

Determine

Effect size f 0.81 α err prob 0.05Power ($1-\beta$ err prob) 0.95

Numerator df 2

Number of groups 2

Number of covariates 0

Output parameters

Noncentrality parameter λ 17.7147000

Critical F 3.3851900

Denominator df 25

Total sample size 27

Actual power 0.9525720