Sampling Requirements for Paired Tests*

Number of Sample Pairs Needed
(Power = 0.5 Difference = 10%)

Figure F.1

Number of Sample Pairs Needed
(Power = 0.8 Difference = 10%)

Figure F.1
Number of Sample Pairs Needed
(Power = 0.9 Difference = 10%)

Number of Sample Pairs Needed
(Power = 0.5 Difference = 25%)

Figure F.2
Number of Sample Pairs Needed
(Power = 0.8 Difference = 25%)

Coefficient of Variation

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

Degree of Confidence (1-alpha)

1.0 0.9 0.8 0.7 0.6 0.5

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

Number of Sample Pairs Needed
(Power = 0.9 Difference = 25%)

Coefficient of Variation

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

Degree of Confidence (1-alpha)

1.0 0.9 0.8 0.7 0.6 0.5

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

Figure F.3
Number of Sample Pairs Needed
(Power = 0.5 Difference = 50%)

Number of Sample Pairs Needed
(Power = 0.8 Difference = 50%)

Figure F.4
Number of Sample Pairs Needed
(Power = 0.9 Difference = 50%)

Number of Sample Pairs Needed
(Power = 0.5 Difference = 75%)

Figure F.5
**Number of Sample Pairs Needed**  
*(Power = 0.8 Difference = 75%)*

![Graph showing number of sample pairs needed for different confidence levels and coefficient of variation.](image)

**Number of Sample Pairs Needed**  
*(Power = 0.9 Difference = 75%)*

![Graph showing number of sample pairs needed for different confidence levels and coefficient of variation.](image)

*Figure F.6*
Number of Sample Pairs Needed
(Power = 0.5 Difference = 95%)

Figure F.7

Number of Sample Pairs Needed
(Power = 0.8 Difference = 95%)

Figure F.7
Number of Sample Pairs Needed
(Power = 0.9 Difference = 95%)

Number of Sample Pairs Needed
(Power = 90% Confidence = 95%)

Figure F.8
Number of Sample Pairs Needed
(Power = 50%  Confidence = 95%)

Figure F.9