

[1] -- Tuesday, June 09, 2020 -- 15:36:48

t tests - Means: Difference between two dependent means (matched pairs)

Analysis: A priori: Compute required sample size

Input: Tail(s) = Two
Effect size dz = 0.5
 α err prob = 0.05
Power (1- β err prob) = 0.8

Output: Noncentrality parameter δ = 2.9154759
Critical t = 2.0345153
Df = 33
Total sample size = 34
Actual power = 0.8077775

[2] -- Tuesday, June 09, 2020 -- 15:37:07

t tests - Means: Difference between two dependent means (matched pairs)

Analysis: A priori: Compute required sample size

Input: Tail(s) = Two
Effect size dz = 0.5
 α err prob = 0.05
Power (1- β err prob) = 0.6

Output: Noncentrality parameter δ = 2.3452079
Critical t = 2.0796138
Df = 21
Total sample size = 22
Actual power = 0.6091848

[3] -- Tuesday, June 09, 2020 -- 15:37:13

t tests - Means: Difference between two dependent means (matched pairs)

Analysis: A priori: Compute required sample size

Input: Tail(s) = Two
Effect size dz = 0.6
 α err prob = 0.05
Power (1- β err prob) = 0.6

Output: Noncentrality parameter δ = 2.4000000
Critical t = 2.1314495
Df = 15
Total sample size = 16
Actual power = 0.6120967