

[1] -- Tuesday, June 09, 2020 -- 15:38:00

t tests - Means: Difference from constant (one sample case)

Analysis: A priori: Compute required sample size

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

Output: Noncentrality parameter δ = 2.5980762
Critical t = 1.7056179
Df = 26
Total sample size = 27
Actual power = 0.8118316

[2] -- Tuesday, June 09, 2020 -- 15:38:08

t tests - Means: Difference from constant (one sample case)

Analysis: A priori: Compute required sample size

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

Output: Noncentrality parameter δ = 2.0000000
Critical t = 1.7530504
Df = 15
Total sample size = 16
Actual power = 0.6040329

[3] -- Tuesday, June 09, 2020 -- 15:38:26

t tests - Means: Difference from constant (one sample case)

Analysis: A priori: Compute required sample size

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

Output: Noncentrality parameter δ = 2.0784610
Critical t = 1.7958848
Df = 11
Total sample size = 12
Actual power = 0.6192461