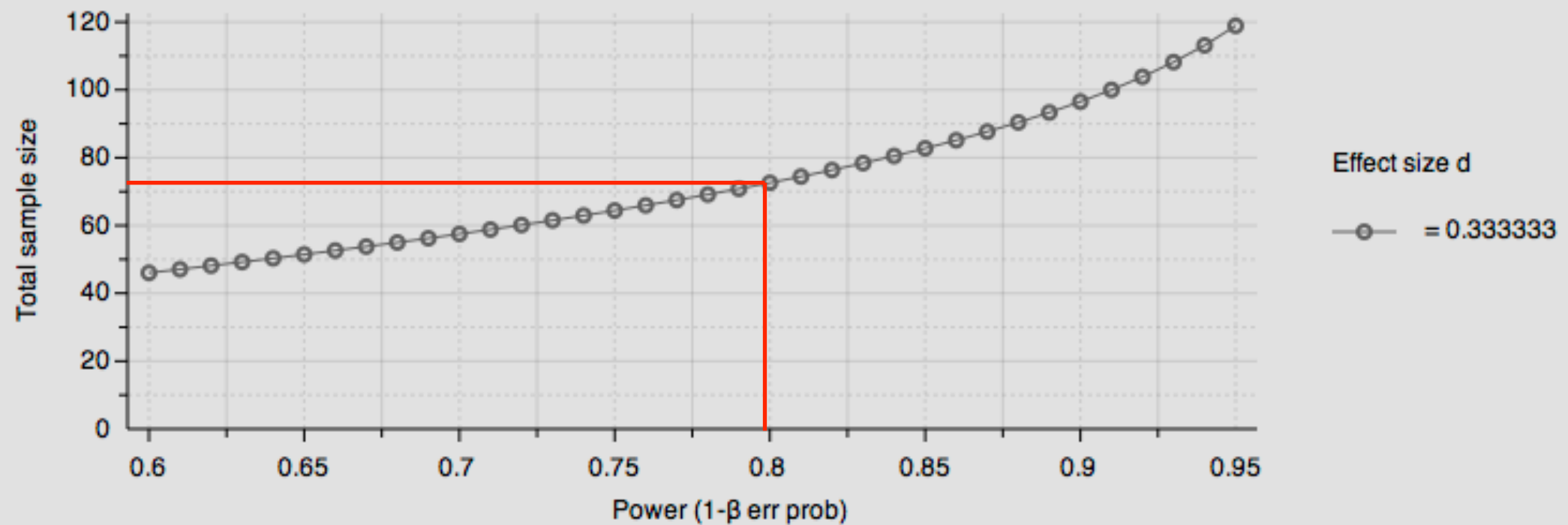


Power Plot

Graph Table

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

Tail(s) = Two. α err prob = 0.05. Effect size $d = 0.333333$



Parameters

Plot (on y axis) Total sample size ☒ with markers ☐ displaying the values in the plot
 as a function of Power (1- β err prob) from 0.6 in steps of 0.01 through to 0.95

Plot 1 graph(s) interpolating points
 with Effect size d at 0.333333
 and α err prob at 0.05

Draw plot

Calculate by hand

Imagine we have two independent groups (20 Ss in each group). We want to know what the power is of a particular two-tailed experiment (with an α level of 0.05) where the difference between the group means is 2, and σ is 5.

δ	$\alpha = 0.05$
1	0.17
1.1	0.2
1.2	0.22
1.3	0.26
1.4	0.29
1.5	0.32