Practice with BG ANOVA

The purpose of the study was to examine the relative advantages of weekly vs. daily therapy sessions for folks with social anxiety. Patients were allowed to select the type of therapy they received. The DV was a "wellness" index collected at the end of the 2 month period. Daily treatment was expected to produce higher wellness scores.

What type of design is this???

Tell the IV

Tell the DV

Will the results be causally interpretable?

What statistic will we use?

What two variables will be in the SPSS analysis?

State the RH: using phrasing appropriate for the statistical model.

State the H0: using phrasing appropriate for the statistical model.

Descriptives

WELLNESS

	N	Mean	Std. Deviation
weekly	25	39.4424	9.97852
daily	24	44.2256	7.89625
Total	49	41.7852	9.24654

ANOVA

WELLNESS

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	280.160	1	280.160	3.444	.070
Within Groups	3823.766	47	81.357		
Total	4103.926	48			

Will we retain or reject H0:? Explain your answer.

Do these results support, partially support, or not support the RH:? Explain your answer.