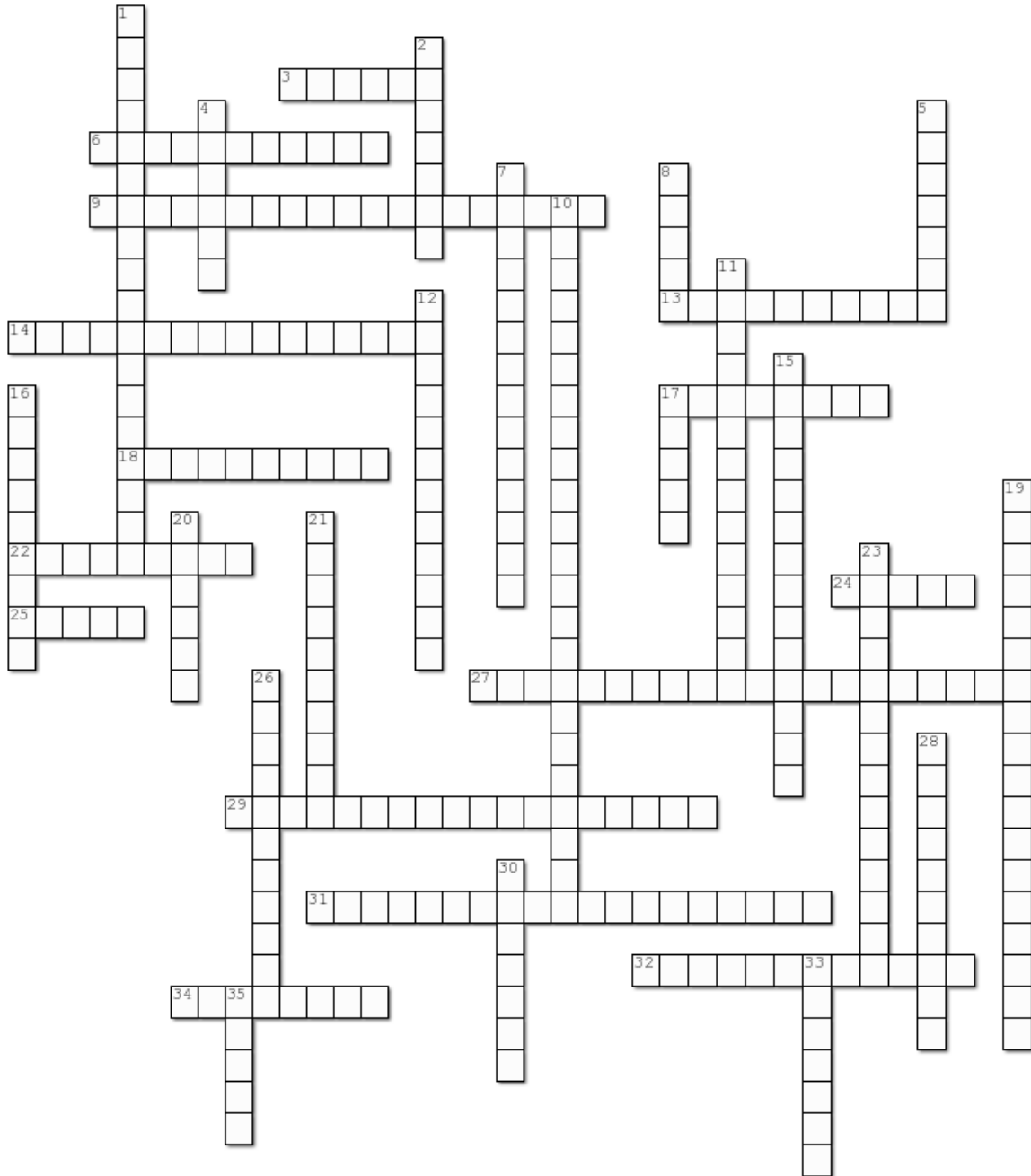


The Big Knowledge Test

See if you can complete the following crossword puzzle based on what you have learned.



Across

3. Method to partial out 'hidden' variable
6. Type of test to compare two means from different groups
9. Sample size & _____ can influence CI
13. Graphs to illustrate CI
14. Weight in a linear regression model
17. Level of association between two variables
18. Important check in repeated measures ANOVA
22. Point on y-axis of b_0
24. Correlations do not state _____ & effect
25. Method to compare two means
27. Measure of predictability that population mean within specific parameters of sample mean
29. The range of $-1.96/+1.96$ _____
31. Systematic variance in the comparison of two means
32. Association between two variables
34. Lines regression with 2 predictor variables

Down

1. Estimation of corrected F-Values in repeated measures ANOVA provided by _____
2. Correlations can have _____ contributions
4. Visual check of normality
5. Test to detect quality of variance of the differences between experimental conditions
7. The denominator in the equation to compare two means
8. In a regression b_1 affects a line's _____
10. The statistical term for 'r'
11. If left unchecked 'hidden' variables can increase _____ in this special version of the ANOVA
12. Type of beta coefficients required for comparison
15. Type of beta coefficient to provide multiplies for regression model
16. Variable correlates in a linear relationship with DV
17. $R = 0.1$ effect size
19. Correlations of unequal magnitude
20. $R = 0.3$ effect size
21. Scores must come from the same _____
23. Type of test to compare two means from the same participants
26. 1st step in checking for a correlation
28. Type of Variable distribution in specific plot of normal distribution
30. A relationship is 1.0 or -0.1
33. What is Y_i in the regression equation
35. $R = 0.5$ effect size

Answers: 1. Relationship, 2. Correlation Coefficient, 3. Cause, 4. Strength, 5. Population, 6. Scatterplot, 7. Perfect, 8. Small, 9. Medium, 10. Large, 11. Partial, 12. Heteroscedasticity, 13. PPPlot, 14. Cumulative, 15. Beta Coefficient, 16. Intercept, 17. Multiple, 18. Slope, 19. Unstandardised, 20. Standardised, 21. Outcome, 22. T-test, 23. Independent, 24. Paired Samples, 25. Experimental effect, 26. Sampling error, 27. Confidence Intervals, 28. Standard deviation, 29. Error Bars, 30. Population variance, 31. Covariate, 32. ANCOVA, 33. Error variance, 34. Sphericity, 35. Mauchly's, 36. Greenhouse Geisser