

Results

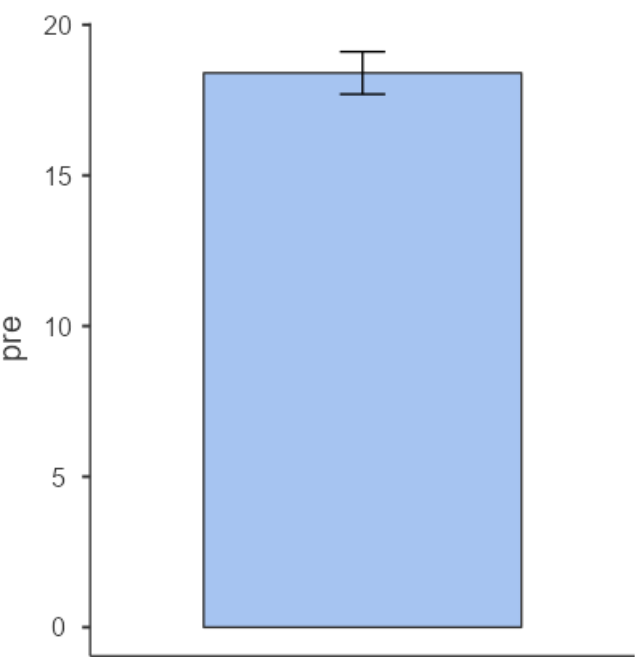
Descriptives

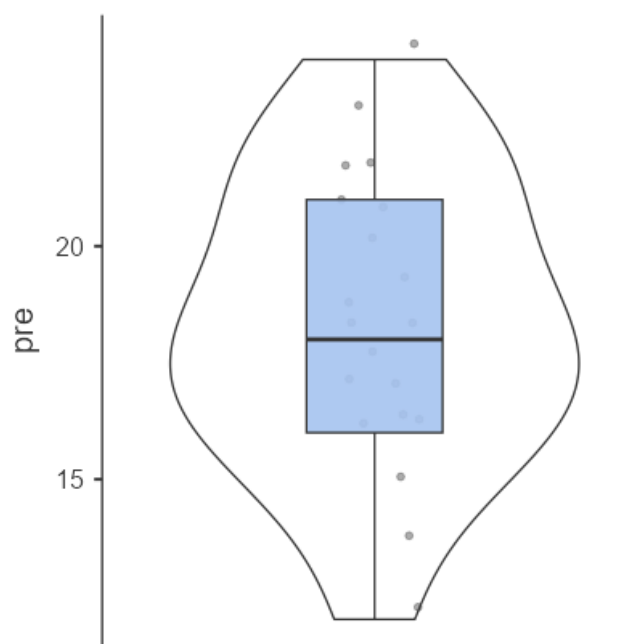
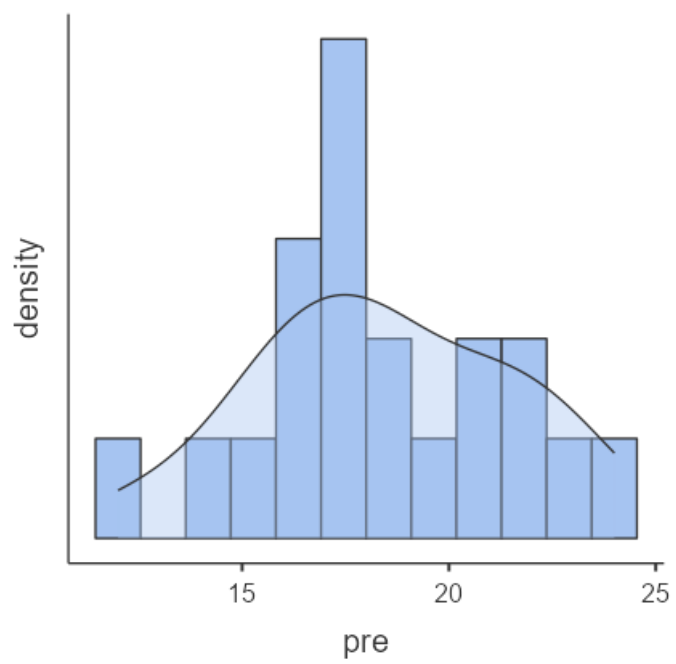
Descriptives

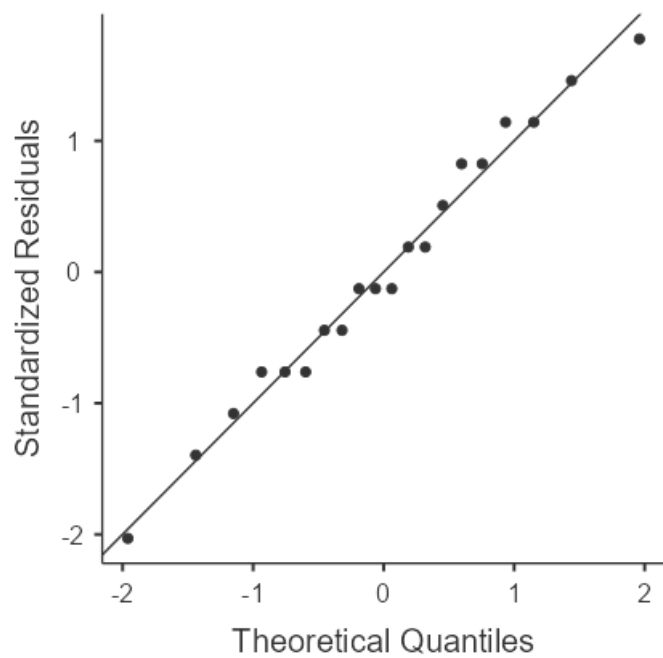
| | N | Missing | Mean | Median | SD | Minimum | Maximum |
|------|----|---------|------|--------|------|---------|---------|
| pre | 20 | 0 | 18.4 | 18.0 | 3.15 | 12.0 | 24.0 |
| post | 20 | 0 | 20.4 | 19.5 | 4.06 | 15.0 | 29.0 |

Plots

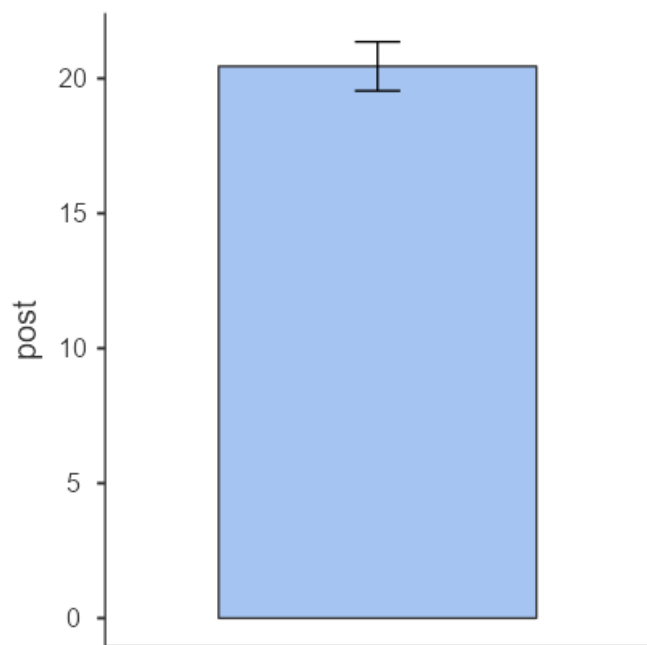
pre

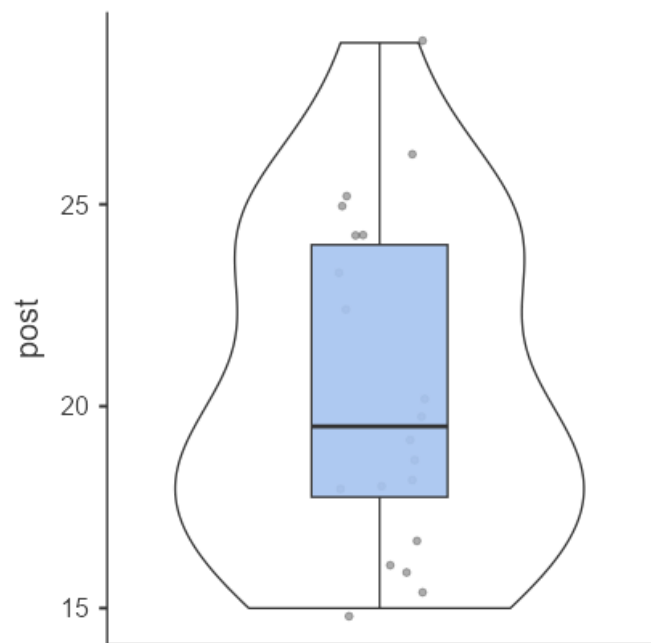
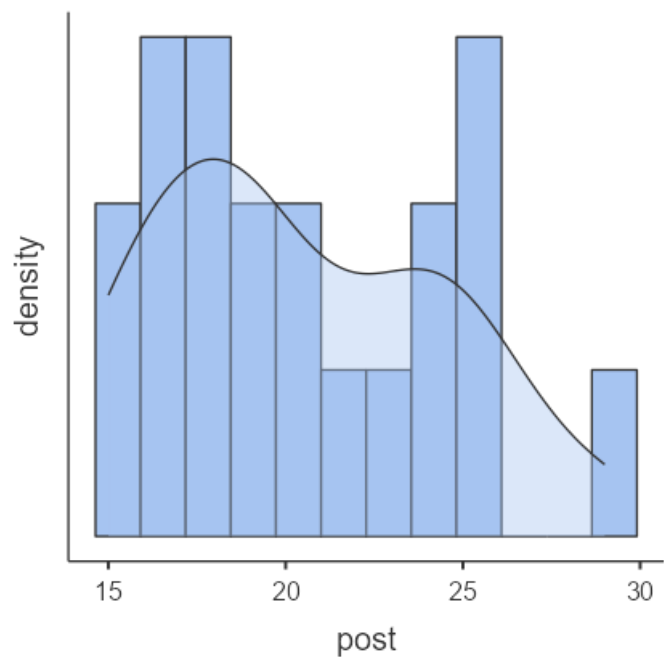


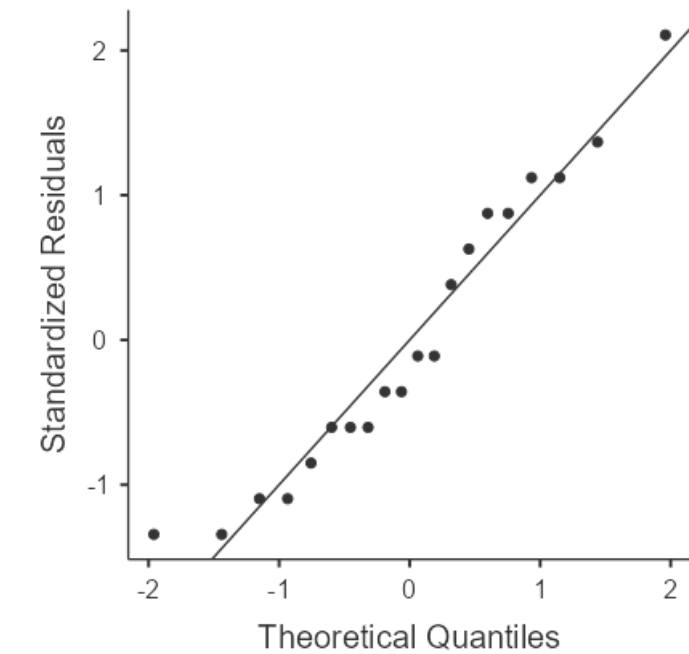




post







Paired Samples T-Test

Paired Samples T-Test

| | | | | | | | | 95% Confidence Interval | | | |
|-----|------|-------------|-------------------|------|-------|-------|-------|-------------------------|--------|---------------------------|--------|
| | | | | | | | | Lower | Upper | Effect Size | |
| pre | post | Student's t | -3.23 | 19.0 | 0.004 | -2.05 | 0.634 | -3.38 | -0.722 | Cohen's d | -0.723 |
| | | Wilcoxon W | 29.0 ^a | | 0.008 | -2.50 | 0.634 | -3.50 | -0.500 | Rank biserial correlation | -0.695 |

Note. H_a μ Measure 1 - Measure 2 \neq 0

^a 1 pair(s) of values were tied

Normality Test (Shapiro-Wilk)

| | | | W | p |
|-----|---|------|-------|-------|
| pre | - | post | 0.969 | 0.725 |

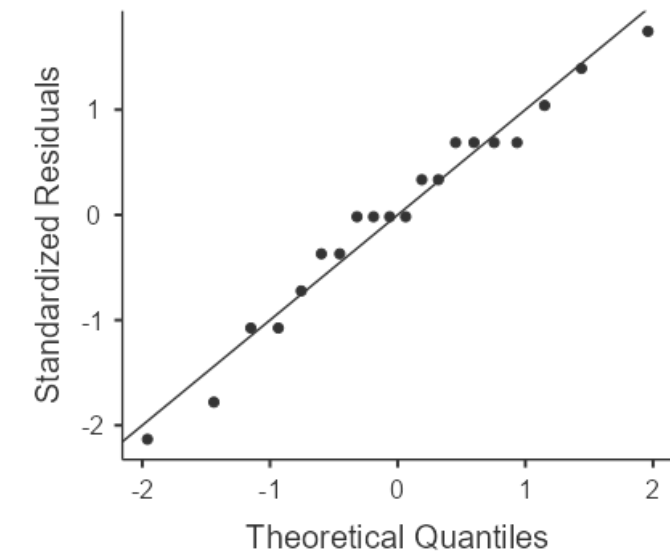
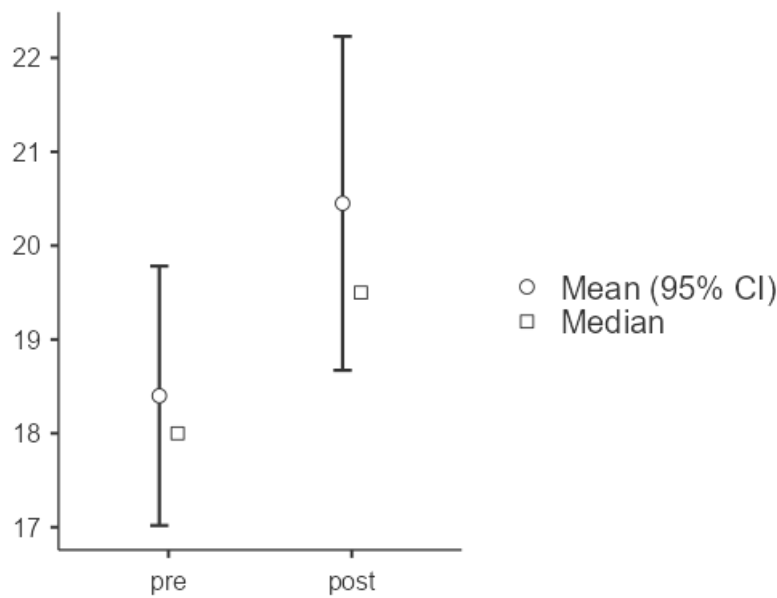
Note. A low p-value suggests a violation of the assumption of normality

Descriptives

| | N | Mean | Median | SD | SE |
|------|----|------|--------|------|-------|
| pre | 20 | 18.4 | 18.0 | 3.15 | 0.705 |
| post | 20 | 20.4 | 19.5 | 4.06 | 0.907 |

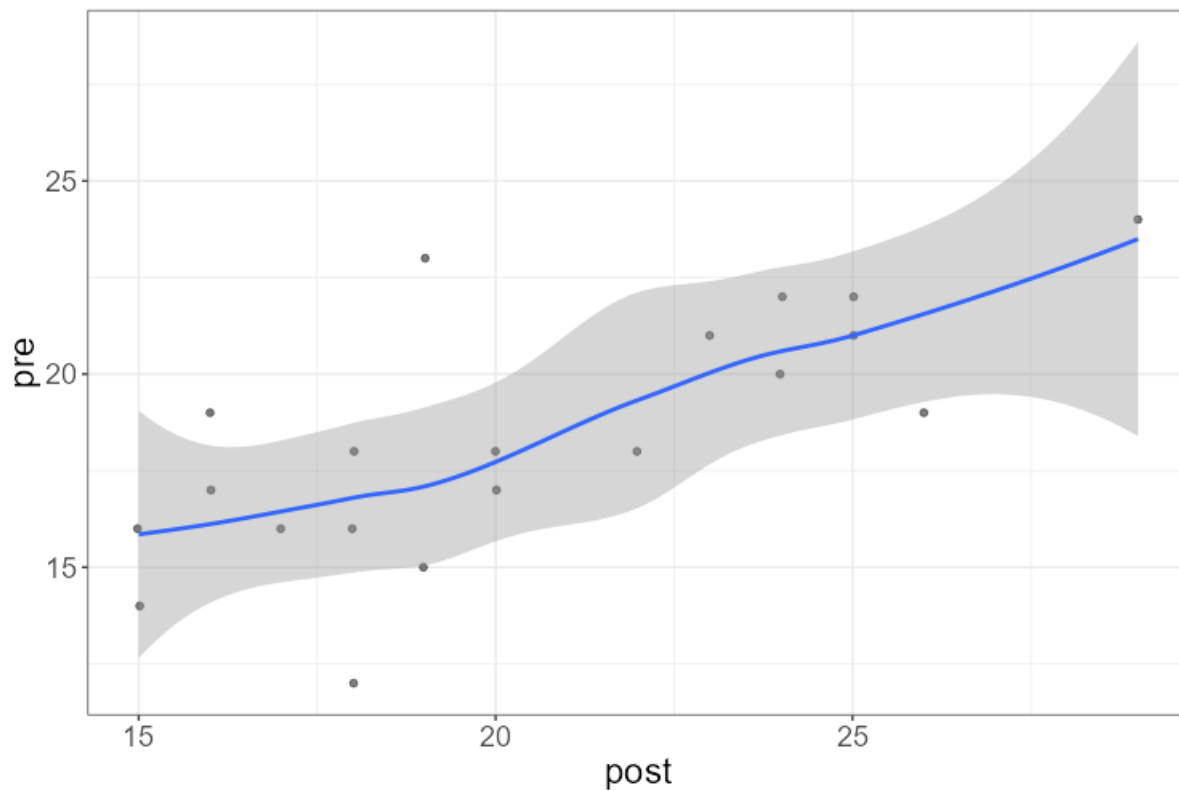
Plots

pre - post



Flexplot

Analysis Plot



References

- [1] The jamovi project (2024). *jamovi*. (Version 2.5) [Computer Software]. Retrieved from <https://www.jamovi.org>.
- [2] R Core Team (2023). *R: A Language and environment for statistical computing*. (Version 4.3) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from CRAN snapshot 2024-01-09).
- [3] Kerby, D. S. (2014). The simple difference formula: An approach to teaching nonparametric correlation. *Comprehensive Psychology*, 3, 2165–2228.