



METHODS

- f Data Wrangling: to create dehydration variable involved conditional logic to increment a counter.
- f Bar Chart: visually display the breakdown of how many horses were in each dehydration level.
- Stepwise Logistic Regression: used to determine which of the 28 health measures on the horse best predicted surgery.
- f Kruskal Wallis: used to test equality of median respiratory rates for each dehydration level.
- Chi Square Test of Independence: used to determine whether there was a relationship between dehydration level and pain level, dehydration level and surgery, dehydration level and outcome, pain level and surgery, and outcome and surgery.
- f Two-Sample t Tests: used to test the relationships between surgery and pulse, respiratory rate, nasogastric

COLIC - Nothing to Horse Around With Lauren Christian

Faculty Advisors: Professor Susan Hardy, Professor Shelby Taylor





ACTION

REFERENCES