

Homework 6

EDLD 651

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Commit 1

Library Loading

Load “star.csv” Data

Commit 2

Our team used the software R (R Core Team 2024) to analyze the effect of cats on human emotion. Pongrácz and Szapu (2018) discuss the important relationship between cats and humans, and some findings suggest that cats have a positive effect on human emotions (Bao and Schreer 2016; Galvan and Vonk 2016).

Commit 3

sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	no	492.8523	46.33845	441.4553	32.31828
boy	yes	469.8716	46.09285	425.3794	26.62931
girl	no	501.2057	45.96210	448.5353	34.52403
girl	yes	477.5084	46.30459	430.8029	27.42125

Overall, the average reading scores were lower, and had a lower standard deviation than student math scores. Girls also had a higher average score than boys in both reading and math, and had a higher standard deviation in reading compared to boys, but a lower standard deviation in math. For both boys and girls, in reading and math, those who received free and reduced lunch had a lower average score

References

- Bao, Katherine Jacobs, and George Schreer. 2016. “Pets and Happiness: Examining the Association Between Pet Ownership and Wellbeing.” *Anthrozoös* 29 (2): 283–96.
- Galvan, Moriah, and Jennifer Vonk. 2016. “Man’s Other Best Friend: Domestic Cats (*f. Silvestris Catus*) and Their Discrimination of Human Emotion Cues.” *Animal Cognition* 19: 193–205.
- Pongrácz, Péter, and Julianna Szulamit Szapu. 2018. “The Socio-Cognitive Relationship Between Cats and Humans—Companion Cats (*Felis Catus*) as Their Owners See Them.” *Applied Animal Behaviour Science* 207: 57–66.
- R Core Team. 2024. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.