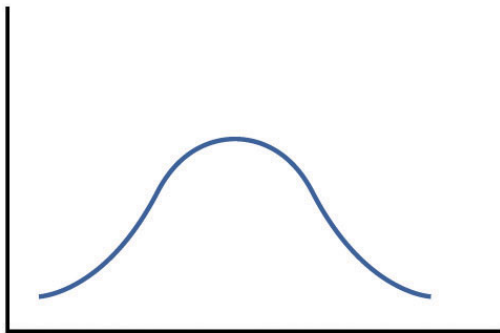
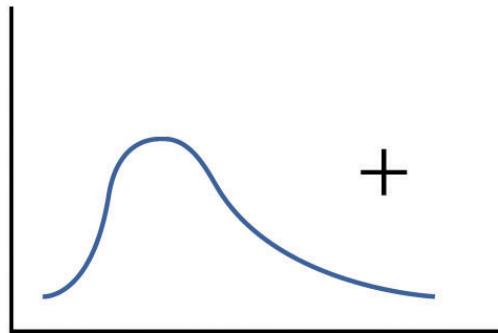


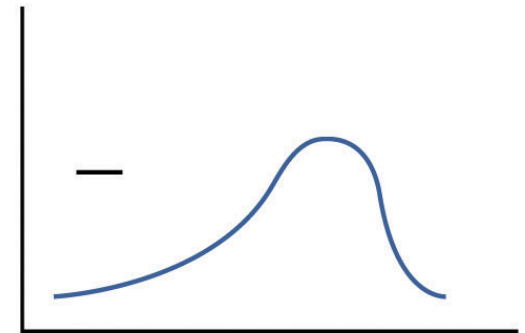
What is the distribution of number of years teachers have been in education?



Normal Curve

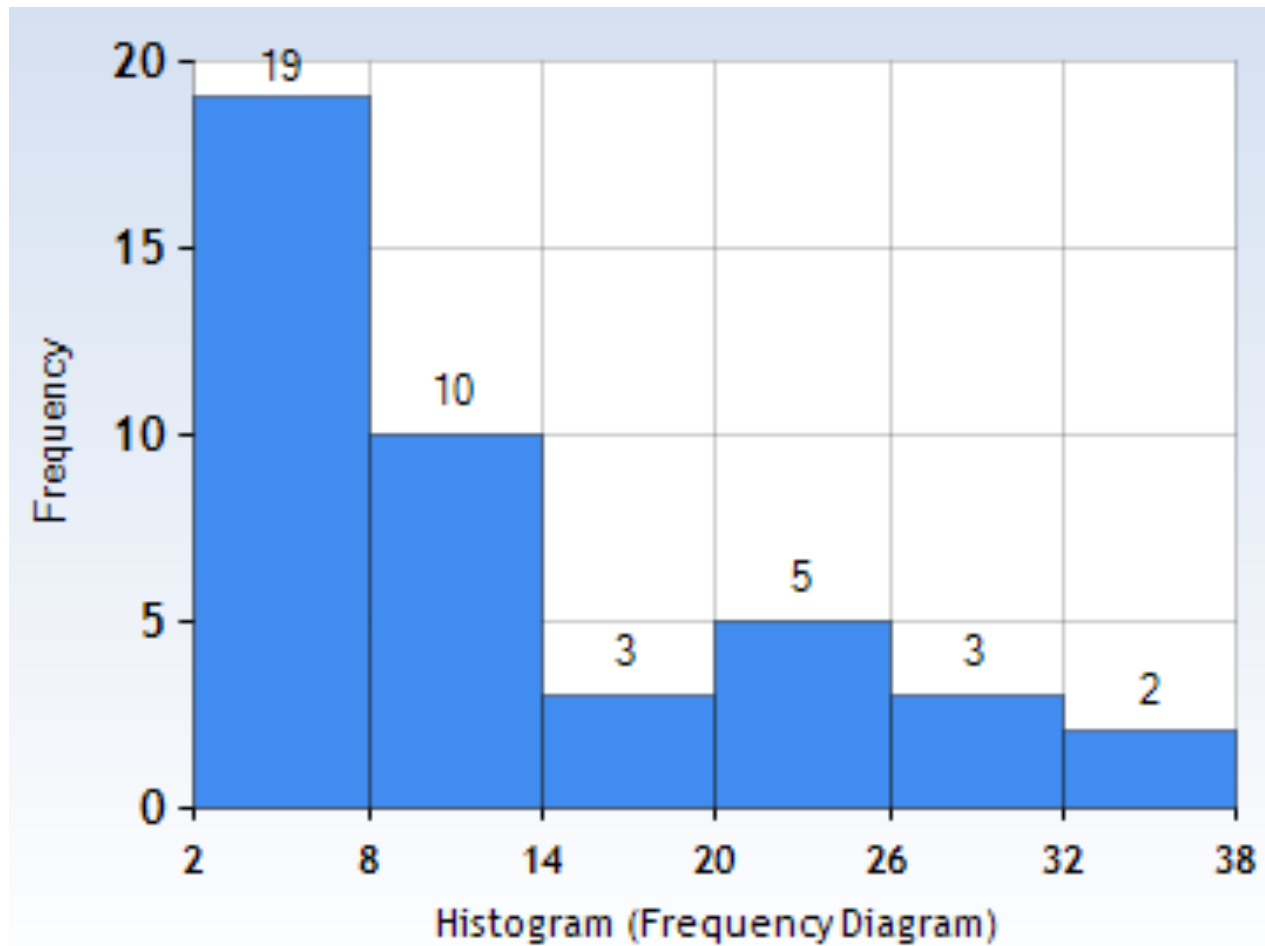


Positive Skew



Negative Skew

Positive Skew



Who likes lunch more: tea drinkers,
coffee drinkers, or both the same?

Coffee Drinkers!

Coffee: $n = 15$, Mean = 4.2 (out of 5)

Tea: $n = 11$, Mean = 3.5 (out of 5)

T-score = 2.756402

P-value = 0.011239

Significant at $p < 0.05$.

What percentage of teachers are
from an east coast state?

23 of 41 respondents are
from an east coast state

At a 95% Confidence Interval:
 $56\% \pm 15\%$ teachers

What do teachers enjoy more:
Darryl and Bowen's comments,
the comics before RoP, or both
the same?

Darryl and Bowen's Comments!

D&B: $n = 41$, Mean = 4.64 (out of 5)

Comics: $n = 41$, Mean = 4.23 (out of 5)

T-score = 2.34595

P-value = 0.021393

Significant at $p < 0.05$.

Which had a lower standard deviation: how much teachers enjoy afternoon cookies, or how much teachers enjoy goats?

The Cookies!
(Although both had high SD)

Goats SD = 1.047368252

Cookies SD = 1.193526869

Who likes goats more: teachers with the green sticker, teachers without the green sticker, or both the same?

Everyone Likes Goats The Same!

Green: $n = 13$, Mean = 3.8 (out of 5)

None: $n = 28$, Mean = 4.0 (out of 5)

T-score = 0.534004

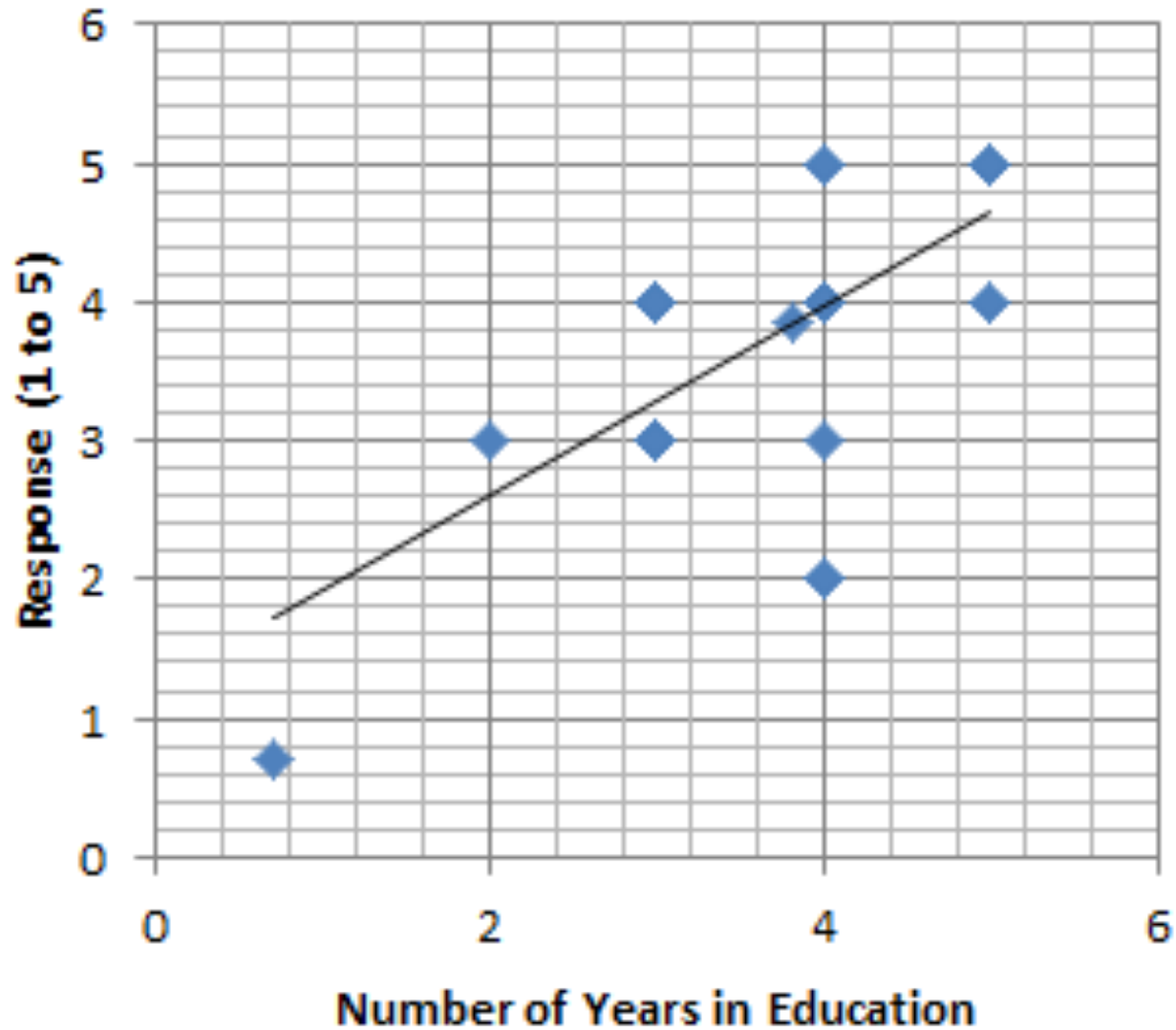
P-value = 0.596294

Not Significant at $p < 0.05$.

Is there a correlation between teacher's enjoyment of breakfast and their enjoyment of lunch?

What is the r-value in a linear regression?

Kinda...



$$y = 0.6818x + 1.2365$$
$$R^2 = 0.4514$$

◆ The food at lunch

— Linear (The food at lunch)

What was the sample size of this survey?

$$n = 41$$