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Draw Conclusions

Reflect on the Question

Analyze the Data

Draw Conclusions

Primary Research Question





How has the men's shotput world record changed over time? What about the women's world record?



problem

6/6 points (graded)


Write Your Conclusion

Answer the question and support your answer with statistics:

Based on scatterplots of the men's and women's world record shotput distance, both of these events follow a strong,  linear relationship over time. The men's world record distance increases by an average of  meters per year, while the women's record distance increases by an average of  meters per year. Because the intercept estimate is the value of the record distance when  is equal to 0, it is not

interpretable in the context of the problem. Both linear models fit the data well, with R-squared values for the men's and women's models equal to  and  , respectively.

You have used 1 of 1 attempt

 Correct (6/6 points)

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