The Stats Are Right!

May the *force of mortality* be with you!

The Stats are Right!

- **Question 1: True of False**

- Can you check for confounding when performing Poisson regression?

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- **Question 2: True of False**

- Shoenfeld residuals help us assess the proportional odds assumption.

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- **Question 3:**

- How many beta coefficients are estimated in an ordinal logistic regression model?

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- **Question 4: Short Answer**

- If OR = 2 for 1 unit increase in X, what's the OR for a 20-unit increase in X?

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- **Question 5:**

- As the sample size increases, will the Chisq Hosmer-Lemeshow GOF statistic get smaller or larger? Why or why not?

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- **Question 6: True or false**

- Conditional logistic regression allows us to condition out the slope parameters. Why or why not?

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- **Question 7: true or false**

- The hazard function is an average rate of change over an interval around time t. Why or why not?

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- **Question 8: true or false**

- For the exponential survival model, the mean (and median) = the variance

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- **Question 9:**

- Why is the cox model difficult computationally to obtain parameter estimates from?

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- **Question 10:**

- What is the essence of computing dfbetas in survival modeling?

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- **Question 11:**

- What contribution did LJ Wei make that was recently noted in class?

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- **Question 13:**

- S(t) = 1- ?

- F'(t) = ?

- H(t) = ?

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- **Thanks for playing!**