

Journal Article Review

Overview:

1. What is the main hypothesis/question posed by this study?
2. Why is it an important question to ask/investigate?
3. Describe the study design (eg. randomized controlled trial, cross-sectional, case-control, etc.)

Statistical Analysis:

4. What was the sample size?
5. What are the main independent and dependant variables (for the main hypothesis of interest)?
6. How were the independent and dependant variables measured? Give the measurement instrument used and the type of data (e.g. nominal, ordinal, continuous, etc.)
7. Review the tables and figures. What do you feel were the main/important results of the study? (ie "there was an increase in the risk of respiratory failure 2-fold in group x"...) Your reading of the data may differ from that of the authors.
8. Do you think that any of the results can be explained by confounding or other biases? If so, explain.
9. What aspects of their statistical analyses did you NOT understand? Write down unfamiliar terms or points of confusion.

Conclusions:

10. What final conclusions did you make after reviewing the data? Are they the same as the author's conclusions?
11. Did the author attempt to manipulate the data/discussion to favor their hypothesis in anyway?