Please read the paper “Oxytocin increases trust in humans” (Kosfeld et al. 2005 | Nature) and answer the following questions.

1. Concisely describe the goal of this paper and explain why it is important.

2. Precisely state the hypotheses.

3. Concisely describe the experimental design. Explain why the authors ran both trust experiment and risk experiment. What is the effect of Oxytocin on the behaviors of investors and trustees? What are the possible explanations for the difference?

4. Criticize the design. If you think the design doesn’t preclude confounds, suggest alternative interpretations of the results, and suggest further experiments that might clarify the findings. If you think the design precludes plausible confounds, explain how.

5. How do the authors analyze the data? Does the analysis support the hypothesis? If you are not familiar with the statistical tests they used, search and make sure you have a basic idea about under what condition these tests are used before we learn them.

6. Detail the conclusions. Do you think the conclusions are overstated? Or are they reasonable and appropriate given the data as presented in the paper?