# Speed Dating Analysis

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## Introduction

**Outline experiment/data collection**

**What are you expecting to see (hypotheses)?**

**Importance/intrinsic interest of question addressed**

## Design & Data Collection

**How ambitious is the data collection and analysis required for your investigation**

**How appropriate/ideal are data for question posed?**

**Clearly defined statistical hypotheses and correct description of how they link to question(s) of interest**

**Randomization (if relevant) & scientific rigor used in data collection and described in detail**

## Data Analysis

**Appropriate selection of statistical methodology**

**Analysis carried out correctly**

**Assumptions met? Appropriate remedies if not, or discussion of effects**

**Correct and complete interpretation of results**

**Proper and effective visualization of data, illuminating findings**

## Conclusion

**Concise and accurate summary of findings**

**Generalization / Scope of inference**

**Thoughtful and realistic discussion of limitations and extensions/future questions**