

*Software Measurement. SOEN 6611 2014/4 D*

*Dr. Peter Rigby*

**Assignment 2 – Part 1**

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| **Team members information (in no particular order)** | |
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# Questions

The following is a set of questions that we would like to explore.

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| **Question 1.** | How does having CCed\*1 developers affect how quickly issues are resolved? |
| **Outcome** | Length of issue resolution time. |
| **Direct measure(s)** | Number of issues with CCed developers  Number of issues without any CCed developers  Delta between report date and close date |
| **Confounding factor(s)** | Assignment of issue to a senior member who’s familiar with the area of the issue would lower the importance of collaboration. |
| **Hypothesis** | Collaboration reduces issue resolution time. |

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| **Question 2.** | How well does Chrome support other platforms (operating systems)? |
| **Outcome** | Number of issues per OS |
| **Direct measure(s)** | Number of issues grouped by OS |
| **Confounding factor(s)** | Level of popularity of chrome on a specific operating system could affect the number of issues logged for chrome on that OS. |
| **Hypothesis** | Increased number of issues per OS, exhibits lack of compatibility with that OS. |

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| **Question 3.** | What is the impact of issue attachment on the issue’s fate? |
| **Outcome** | Length of issue resolution time. |
| **Direct measure(s)** | Delta between report date and close date per issue  Issues with at least one attachment  Issues with no attachment |
| **Confounding factor(s)** | Syntactic and semantic correctness of issue description could lower the importance of attachments. |
| **Hypothesis** | Issues with attachments require less time to reach a conclusion and close. |