Academic Language and Literacy for Mathematics Dissertations

# Session 2: SwDS Structure and Line of Argument Planning template

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| **Title:**    |
| **Executive Summary:** Background and aims:  Data:  Methods:  Results:    |
| **Introduction:**  Background information:   Objective (research question):   Outline:     |
| **Materials & Methods:**  **Data**  What? How collected? When? Where from?:   Data variables (and why included):   Missing data variables:    **Model:** Type chosen and why:   How bias was reduced:   Any additional models:     |
| **Results:** Key finding 1: How you will present this (table, graph, summary in text): Interpretation (what does this tell us?):   Key finding 2: How you will present this (table, graph, summary in text):  Interpretation (what does this tell us?):   Key finding 3: How you will present this (table, graph, summary in text):  Interpretation (what does this tell us?):    |
| **Discussion:** How does this answer your objective (research question)?:   Which results give us this answer?   Future directions:   What are the limitations?     |

**Checklist:**

**Introduction:**

Have you included a brief background to the research?

Have you defined key terms?

Have you stated your objective clearly?

Have you included an outline of each section that follows?

**Main body sections:**

Does each section build on what comes before?

Have you included background information to models/ data?

Does each section elate to your research objective?

**Conclusion:**

Have you restated your objective?

Have you presented the main findings from your research?

Have you outlined any limitations?

Have you suggested future research?