

Report 6: Experimental Results

Due: End of week 9

Purpose: To report and briefly discuss experimental outcomes

Overview

Briefly review the hypotheses that your experiments are intended to evaluate and the experimental design used. Where the experimental design deviated from your previously stated design (Report 5), carefully outline the difference.

Present the results of the experiments in such a way that the reader can infer their own conclusions from the results, but afterward present the high-level conclusions that you believe should be drawn from the results. Discuss how the results differ from, or are consistent with, your expectations before the experiment. Discuss the substantive significance of your results and apply statistical significance tests where appropriate.

Details

This report should be a minimum of two pages of single-spaced text. To supplement textual descriptions of results, graphs and tables of results should be used frequently. As always, be sure to clearly label axes and use legends as appropriate. Use standard 1" margins, rather than the generous *L^AT_EX* document class defaults.

All figures must be accompanied by source code (*i.e.*, a MATLAB `.m` file) that generates the graphics. Where these figures are derived from experimental data, the data repository dependency mechanism (*i.e.*, DEPS files) should be used to relate the code generating the figure to the data it contains in a completely traceable, reproducible manner. Tables derived from experimental data must be accompanied by an inline comment in the document source (*L^AX* file) giving the name of the collection from which the numbers are derived.

As an example, you may view the source of `svn/map/doc/icdar13`. Particularly note the `figs/DEPS` and, for example, `figs/alignment/alignment.m`. In addition, see the *L^AX* note in Table 1 for internal reference and the caption of Figure 2 for an appropriate external reference for maps.

You should produce single, collaboratively-generated report for each team. This report will almost certainly appear in your final product.

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