The following analysis is on all reading times (regardless of whether people responded correctly to the conclusion).

First analysis looks first as MP vs AC conditions, then second analysis looks at MP vs MPF conditions. See script for example of each condition.

These are the eye tracking measure definitions:

#First Pass - the sum of all fixations within a region before the eye exits to the left or to the right

#Regressions Path - the sum of all fixations within a region (incl. re-reading of previous regions) before the eye exits to the right

#Total Time - the sum of all fixations within a region

First Analysis

MP and AC reading times

Nothing on first pass for either Premise or Conclusion.

Nothing on regression path times on the Premise

Effect on regression path times on the Conclusion:

MP Conclusion quicker than AC conclusion (2170 vs 3211, p = .0131)

Effect on total times on the Premise:

MP Premise quicker than AC Premise (1120 vs 1535, p = .0015)

Marginal effect on total times on the Premise:

MP Conclusion marginally quicker than AC conclusion (928 vs 1128, p = .074)

Second Analysis

MP and MPF reading times

Effect on first pass on the Conclusion:

MP Conclusions quicker than MPF Conclusion (504 vs 607, p = .03)

Nothing on regression path times on the Conclusion

Effect on total time on the Conclusion:

MP Conclusions quicker than MPF Conclusion (930 vs 1221, p = .048)