



Team Jaguar

Readability of Fonts

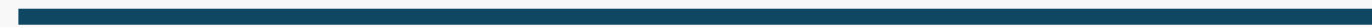
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Research Question



Are there any differences in eye-moving
patterns between uppercase and lowercase
text?



Analysis required



Number of Fixations:

If one type case has more fixations than the other, it indicates that it requires more eye movements to be read.

Fixation Duration:

The length of the fixation might be potentially due to the distinct character shapes in both case types.

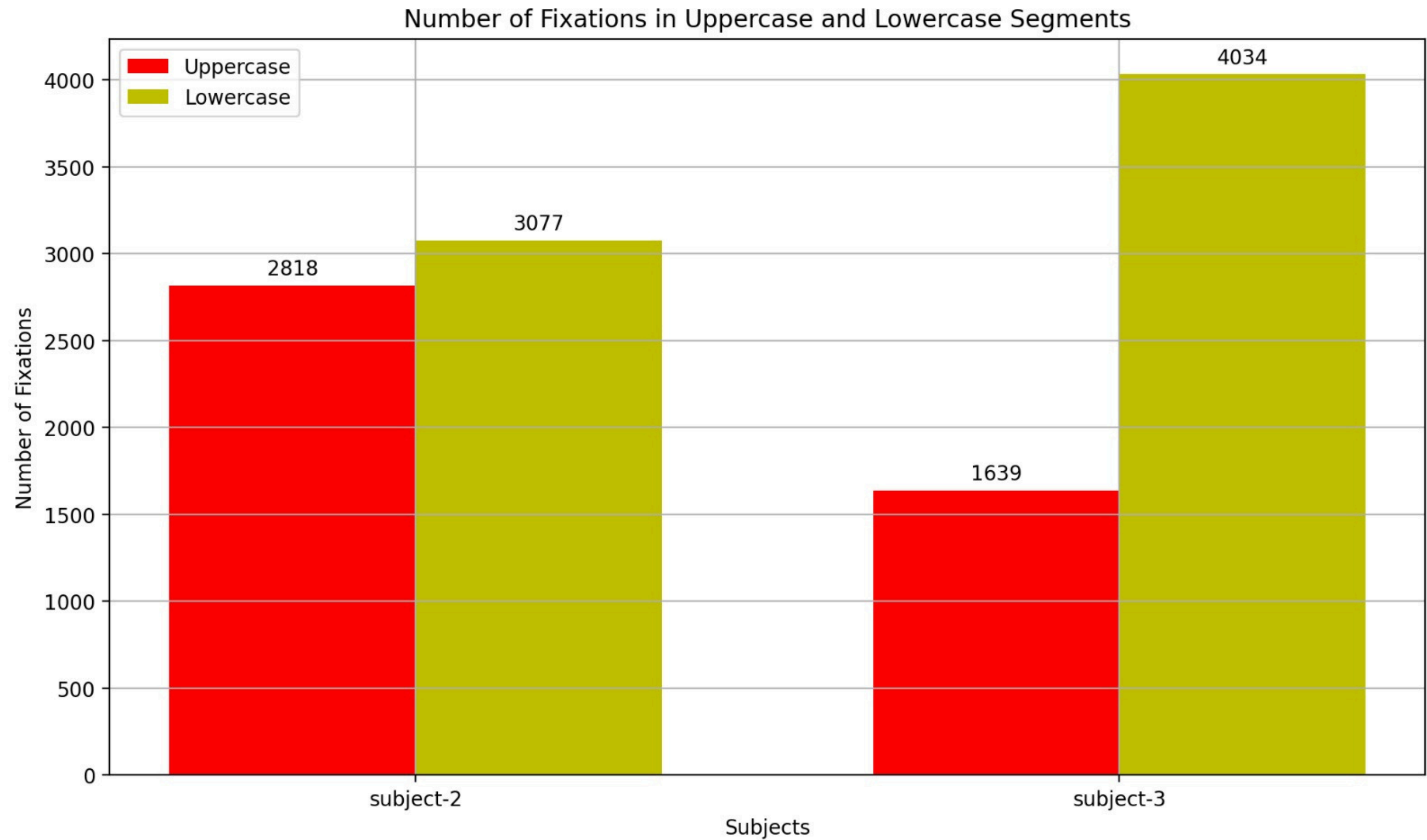


Landing Spot:

This suggests variations in initial fixation behavior, with different starting points for reading uppercase and lowercase text



Number of Fixations



Subject 2:

More fixations in lowercase segments compared to uppercase segments, indicating more eye movements required to read lowercase text.

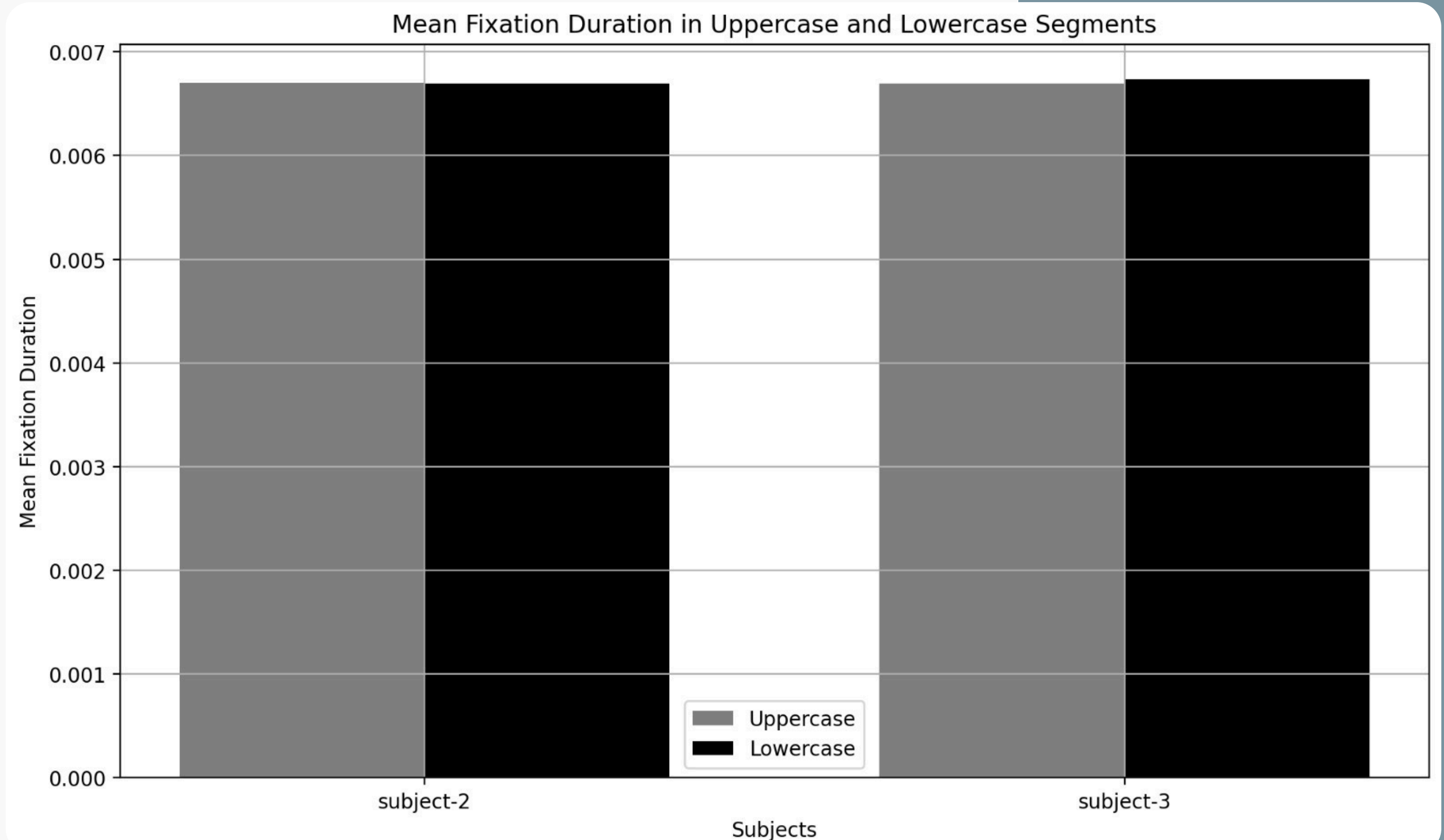
Subject 3:

Reading lowercase text requires more eye movements, suggesting it might be more effortful to process compared to uppercase text.

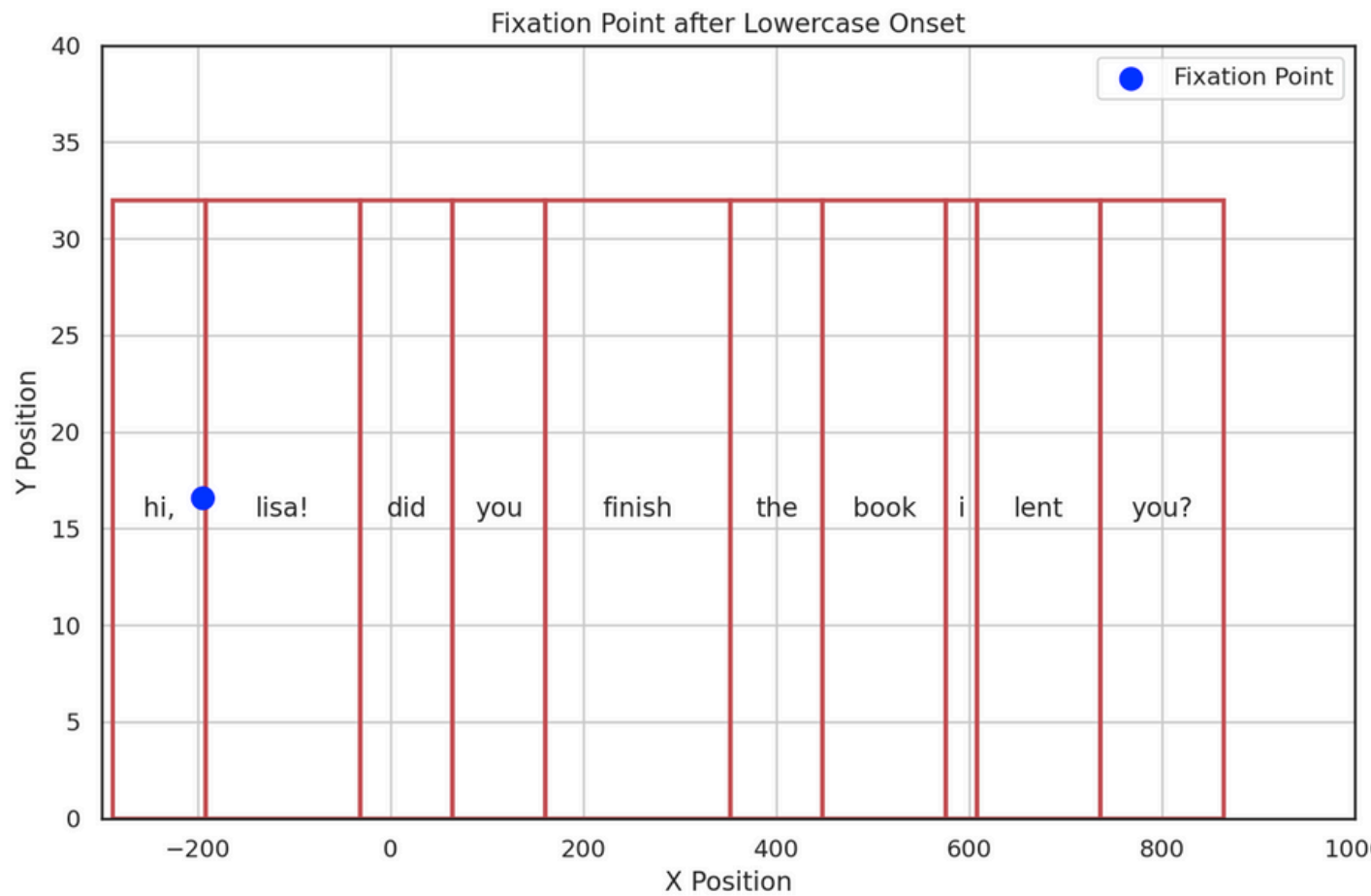
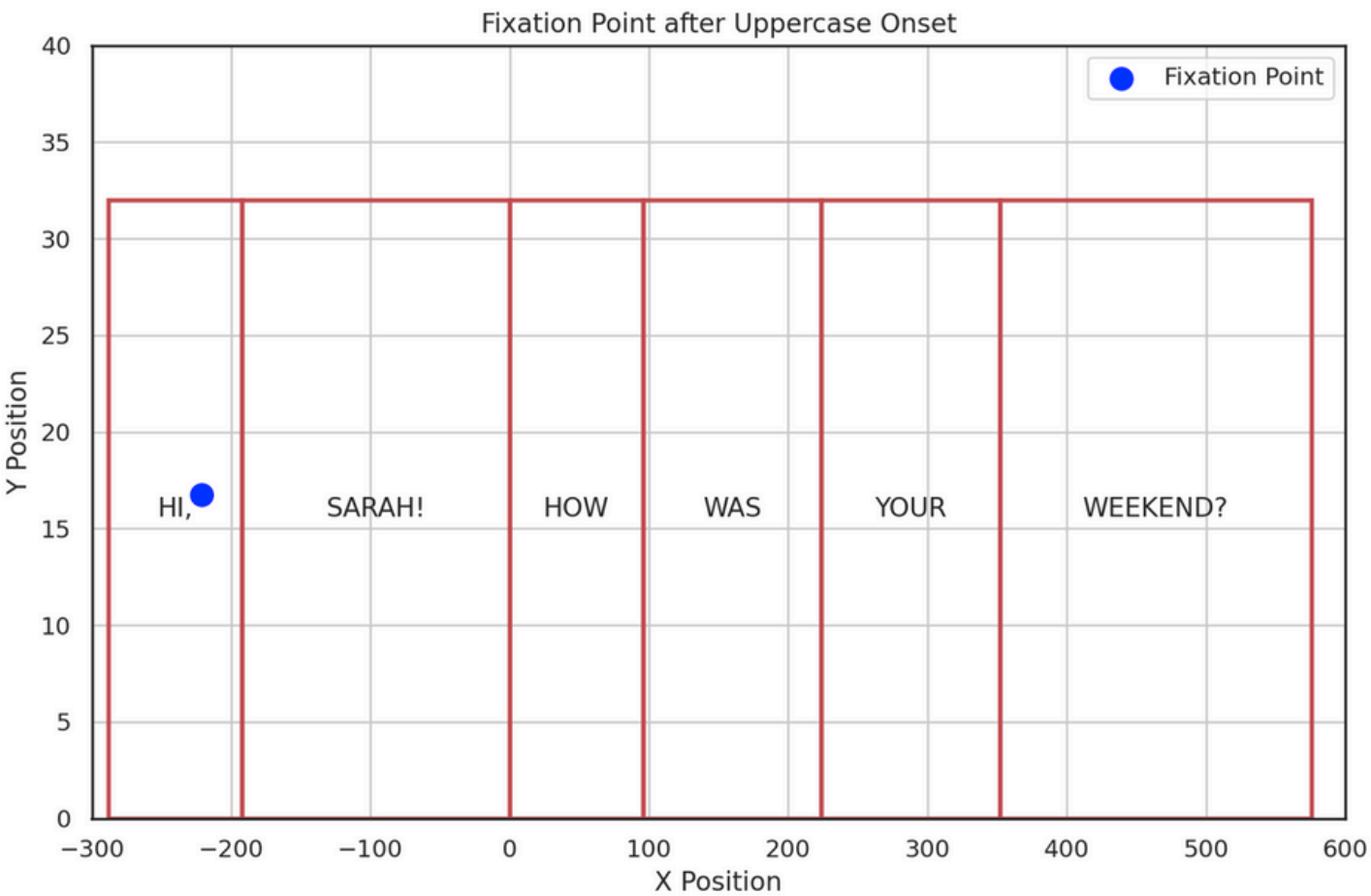
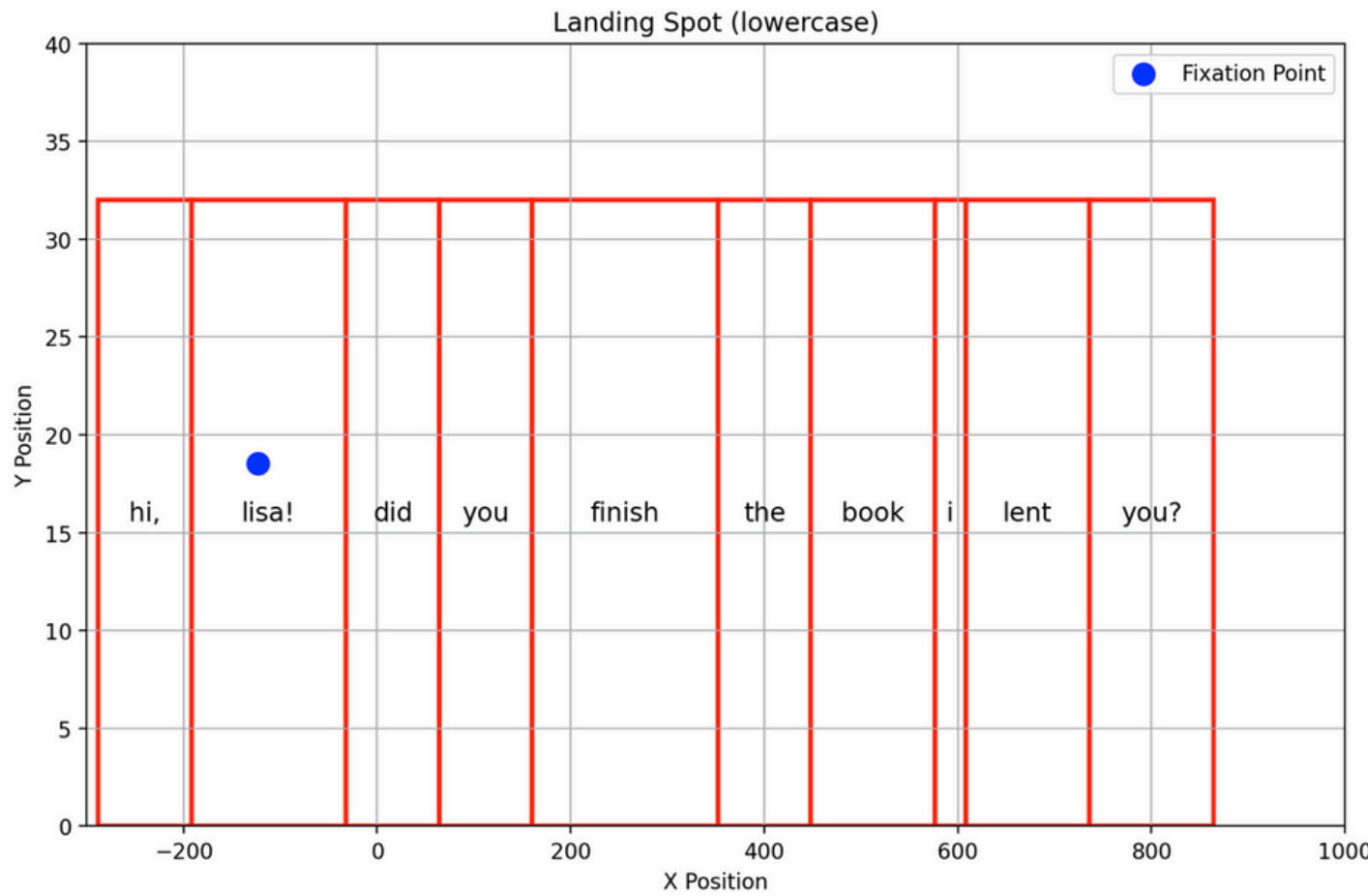
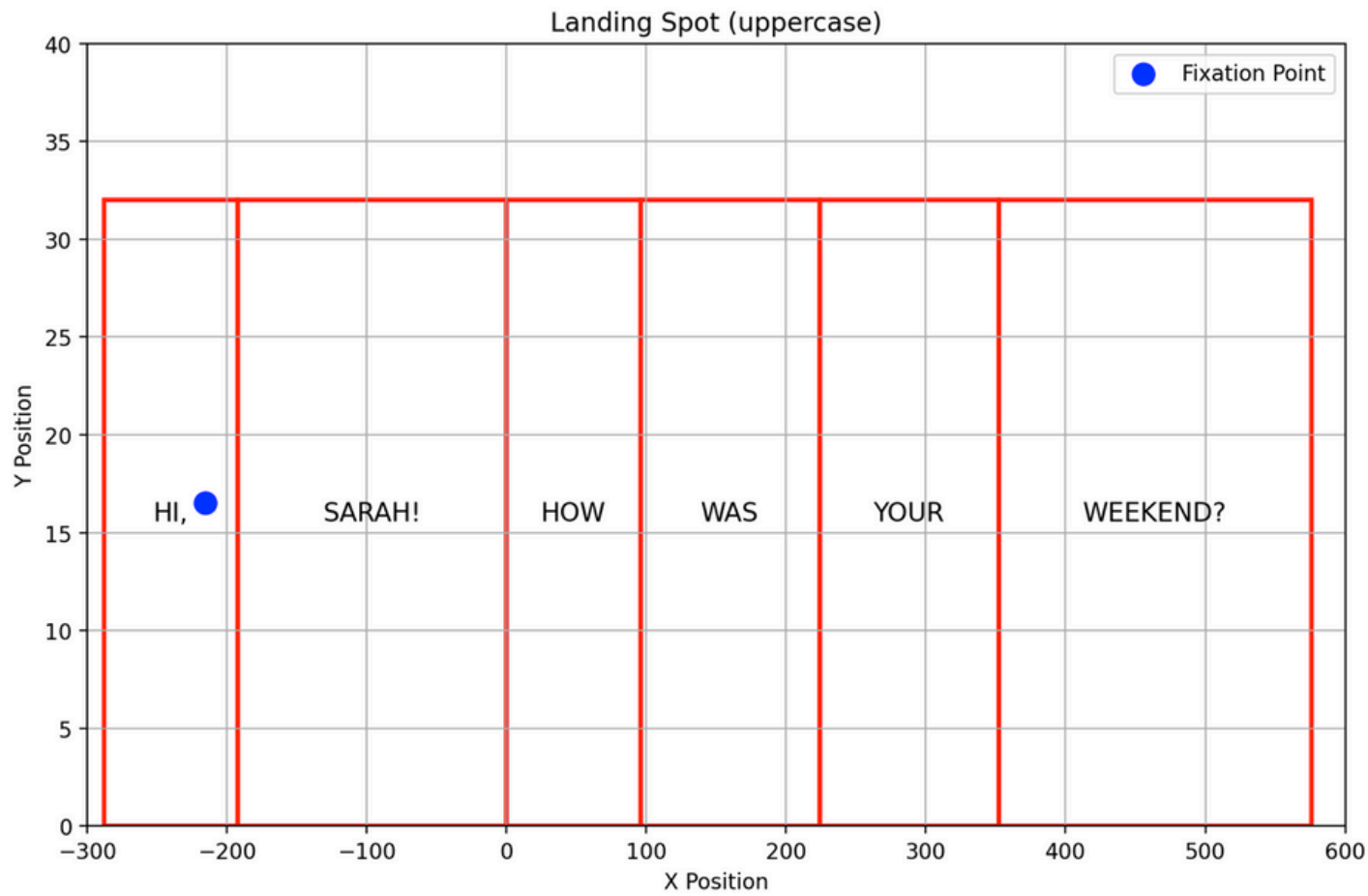
Fixation Duration

Subject 2 - Subject 3

in the current experiment there were no significant differences regarding the duration of fixations between the lowercase and the uppercase text in either of the subjects tested



Landing Spot



Subject 2

The variations in landing spots further suggest that the initial eye movements differ between uppercase and lowercase text.

These findings indicate that different font types influence how our eyes move and process text during reading.

Subject 3