

Abstract

In recent decades, concerns have been raised about declining attention spans and reduced long-term memory in modern populations, particularly in relation to increased exposure to digital media. Reading formats have been widely discussed in cognitive research, especially ~~in relation to~~ ~~regarding~~ memory performance and comprehension outcomes. Studies have ~~suggested~~ ~~shown~~ that reading on paper may improve long-term memory compared to screen-based reading. However, most of these studies ~~have focused~~ on ~~works of~~ non-fiction. This paper investigates whether ~~the~~ reading medium (print ~~vs.~~ digital) affects ~~people's~~ long-term memory ~~of for people~~ ~~for details in~~ fictional texts, which has been ~~less-under~~examined in ~~prior-the~~ literature. We conducted a between-subjects experiment in which participants read a short fictional narrative either in print or on a digital screen, followed by a delayed recall task designed to measure memory for narrative details. ~~The r~~Results indicated that participants in the print condition demonstrated higher recall scores than those in the digital condition for event sequences and descriptive details, although differences were not significant across all categories. ~~While this study contributes to ongoing debates about how reading influences cognition and shows that the effects of the reading medium may depend in part on text type and reader-related factors, the underlying mechanisms explaining the difference between groups remain unclear, and further research is recommended to investigate which specific aspects of digital reading environments contribute to the reduced retention of narrative details.~~

Commented [J1]: Word choice changed to avoid repetition.

Commented [J2]: Since the words "suggested" and "may" both indicate possibility, only one of them is needed in this sentence.

Commented [J3]: Past perfect verb tense maintained for consistency.

Commented [J4]: Period added in line with US English conventions.

Commented [J5]: Although you compiled your results in the past, they continue to reveal their implications at the time of reading. Therefore, the present tense is appropriate in sentences like this.

Commented [J6]: Your readers might have some trouble following this sentence due to its length and complexity. Consider removing nonessential information from this sentence to make it shorter or breaking it up into two sentences. I recommend taking similar action with all long sentences in your document. As a general rule, sentences longer than 40 words tend to be difficult for readers to follow.