

**Original Article**

# Postdigital Aesthetics and the Future of Literary Narratives in Generative Media

**DR. SREEJA VINAYDAS**

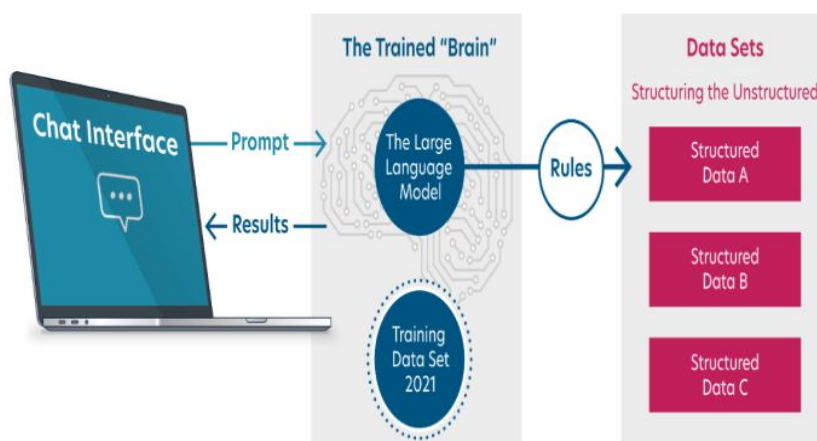
Assistant Professor, Department of English Literature, University of Bahrain, Bahrain.  
vinsreej7@gmail.com

**ABSTRACT:** *The blistering development of digital technologies and artificial intelligence has changed literary creativity to a considerable extent, and this change is associated with the rise of generative media. In this paper, the implications of the postdigital aesthetic intersecting with the literary narrative in the age of generative media are explored. Within the postdigital paradigm of distorted digital and analogue boundaries, the established forms of literature are criticised through machine-written texts, interactive narratives and multimedia combinations. The paper will include an extended literature review of the theoretical frameworks involved in postdigital aesthetics, discuss the changing narrative forms made possible through generative models like GPT models, and suggest a methodological framework for analysing machine-human co-authored texts. The study will help to establish a connection between literary theory and computational creativity with the help of qualitative and computational analysis, thematic modeling, and mapping of narrative arcs. The results suggest that postdigital aesthetics expand storytelling possibilities; however, at the same time, they require frameworks of authorship, interpretation, and reader interaction. We end by discussing the implications this has on literary theory, authorship and education in the future.*

**KEYWORDS:** *Postdigital aesthetics, Generative media, Literary narratives, AI storytelling, Narrative theory, Machine-generated literature, GPT, Computational creativity, Narrative mapping*

## 1. BACKGROUND AND MOTIVATION

The digital revolution has radically changed textuality, and it brought about hypertext, multimedia, and interactive ways of reading, and all these aspects really pushed against the culture of print. Yet, this transformation is made more complex by the arrival of the postdigital condition. A postdigital condition is not the abolition of digital technology, but its normalization, in which the digital tools have become so ubiquitous in everyday life that they have become unseen, ordinary and indistinguishable in the cultural production. [1-3] In this environment, the literature is not just affected by digital innovation, but it is produced, constructed and read using digital innovation. Postdigital literature incorporates algorithmic composition, networked atmospheres and human-machine cooperation as part of the substance of its aesthetic and narrative activities. With this turn, authorship, reader agency and the textual form are redefined and new impetuses to literary inquiry are prompted. Rather than oppose or respond to technological change, current literature is being incorporated and co-evolving with it, resulting in new forms of telling stories, including generative writing, procedural poetry, and interactive fiction. This research is motivated by the fact that these postdigital dynamics are transforming literary narratives: in their form and their functionality, and by exploring this, we can begin to understand the implications of this shift upon the future of literary theory, creative practice and cultural interpretation.



**FIGURE 1** Background and motivation

### **1.1. IMPORTANCE OF THE FUTURE OF LITERARY NARRATIVES IN GENERATIVE MEDIA**

The overlapping of literary imagination with generative media has become a revolutionary moment in the conception, authorship, and experience of stories. This is because, as artificial intelligence keeps developing, it is not only redefining writing aids, but also narrative itself. This segment investigates why it is exceptionally significant to comprehend and influence the future of literary narratives in the generative media.



**FIGURE 2** Importance of the future of literary narratives in generative media

#### **1.1.1. REDEFINING AUTHORSHIP AND CREATIVITY**

Generative media displaces the concept of the single, human author. As AI models such as GPT and other neural networks can now produce coherent, stylistically varied prose, we must once again examine the parameters of creative agency. This change also prompts a reconsideration of the authorship of literary works, posing a question of whether AI should be regarded as a co-author, a tool, or a completely different entity. The merging of machine and human creativity is a fertile area of experimentation, cooperation and philosophical speculation.

#### **1.1.2. EXPANDING NARRATIVE FORMS AND MODALITIES**

Generative media allows the authoring of nonlinear, interactive, multimodal narratives that are not limited to the printed page. Interactive storytelling environments, such as AI Dungeon, co-authored poetry, and algorithmically authored novels, are changing the notion of narrative as a stable object and transforming it into a dynamic experience. This versatility allows participatory and personalized storytelling, in which the reader has an opportunity to affect or even co-determine the result, so the boundary between the author and audience is erased.

#### **1.1.3. CULTURAL AND EDUCATIONAL IMPLICATIONS**

The growth of generative narratives has great educational and cultural discourse potential. Within academia, AI-based writing may turn into a means of creative writing improvements, literacy advancements, and critical thinking education. In cultural terms, it democratizes storytelling, giving voices that have fewer opportunities to use established publishing channels an opportunity to play with narrative structures. Such a possibility, however, also brings up matters of representation, bias and ethical stewardship of AI stories across different communities.

#### **1.1.4. LITERARY STUDIES AND FUTURE-PROOFING**

Literary studies need to change as generative technologies continue to move further into the creative industries. Researchers, teachers and artists require new critical models to interpret and criticize postdigital writings. The future of narrative in generative media is not a marginal subject- it will be at the centre of how storytelling will be practised, taught and understood in the next few decades.

### **1.2. LITERARY NARRATIVES IN FLUX**

The well-established conventions of traditional literary narratives have always been based on a linear progression, character development, a sense of an authorial voice, and narrative closure: Such elements are the staple of storytelling that crosses cultures and historical boundaries, providing readers with comforting frameworks through which to experience plot, theme, and feeling. Yet, at the time of postdigital literature, when a text is more often influenced, composed, or supplemented by digital technologies and algorithms, these staples are changing drastically. [4,5] Postdigital stories can abandon a linear approach in preference for more fragmented, non-sequential forms that reflect the logic of hyperlinks, databases, and digital interfaces. Characters can be decentralized or procedurally generated, and do not typically have the psychological depth of more traditional characters, but provide dynamic interaction in their place. Authorial voice is made plural or ambiguous, as in collaborative works with artificial intelligence, in which the source of creative decisions is finalized between human and machine agents. These stories are not fixed artifacts but liquid, changing experiences and may vary with reader feedback or a change in the algorithm. As an illustration, AI-written stories can be modified in their tone or even direction depending on prompts, and interactive fiction platforms can have branching paths leading to different endings and meanings. Moreover, the

materiality of textuality is also dislocated; the literary content can be read as code, image, sound, interactive media, and the boundaries between literature, game design, and artificial intelligence are dissolved. This flux puts into question not just the manner of storytelling, but the manner of reading, interpretation and appreciation of the stories. The role of the reader is changed into a co-producer of meaning in an unstable and frequently unpredictable narrational terrain. With the ongoing development of literary narrative in this postdigital environment, a different set of critical terms and aesthetic theories will be required to help us understand the hybridity, generativity and decentralised modes of storytelling that characterise contemporary digital literature.

## **2. LITERATURE SURVEY**

### **2.1. POSTDIGITAL THEORY IN MEDIA ARTS**

The idea of the so-called postdigital signifies a change in the conceptualization of the involvement of digital technologies in artistic and cultural creation. The term was created by the theorist Kim Cascone and is closely related to the aesthetics of failure, in which technological imperfections (including software errors and digital noise) are not regarded as defects, but as creative resources. The work of Cascone especially dwells on the tendency of such imperfections to emphasize the materiality of digital media in contradiction to the idea of digital perfection and transparency. [6-9] Following the work of Cascone, other theorists such as Nicholas Negroponte and Florian Cramer have further elaborated the meaning of the term to refer to a cultural situation in which the digital is no longer a novelty but is embedded, hybridized and critically analyzed within the context of both analogue processes and human perceptions. Postdigital media arts thus indicate a tangled loop between the human and the algorithmic, the analog and the digital, and more importance is placed on critical speculation rather than on technological innovation.

### **2.2. GENERATIVE MEDIA AND CREATIVITY**

Generative media are creative systems, generate visual, textual or auditory output autonomously through the use of algorithms. Such systems may be as simple as a rule-based generator or as complex as a machine learning model. Markov Chains were used in early generative text systems, where the probability of moving between words or characters is used to produce simplistic, but sometimes coherent, text outputs. More complicated models, such as the Recurrent Neural Networks (RNNs), added memory to generation, enabling the model to look at prior context. The introduction of Transformer-based architecture, though, including GPT and BERT, created a generative media revolution, as models became capable of comprehending and producing very subtle and contextually aware text. This has led to a transformation of the creative agency of the artist or author, no longer creating directly, but acting as a curator to algorithmically generated works, raising new questions of authorship, intent and originality in algorithmically generated works.

### **2.3. LITERARY RESPONSES TO AI NARRATIVES**

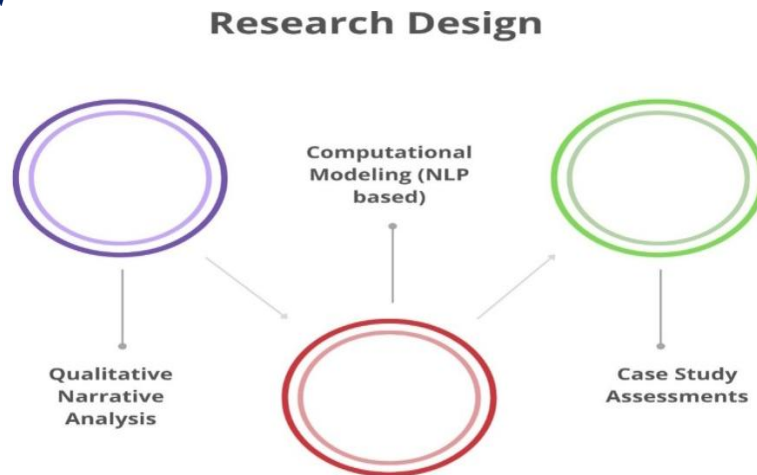
Modern literature has started to investigate, criticize and even collaborate with artificial intelligence, and the results are hybrid stories that defy traditional ideas of narrative. Ambivalence and curiosity about the potential of AI have seen writers and artists use it as a topic and collaborator in creation. As an illustration, Botnik Studios uses predictive text algorithms to co-author humorous and frequently surreal prose, making the interaction between human and machine suggestion the foreground of the work. AI Dungeon, likewise, employs elaborate language models, such as GPT, to provide interactive, dynamic works of fiction that alter in response to user prompts. An early (and classic) example of procedural poetry is Nick Montfort's *Taroko Gorge*, in which a programmed script endlessly innovates on a poetic theme, privileging structure over author. They are part of a wider literary movement to interact with AI as more than a technological curiosity: as a sweeping narrative companion and thematic preoccupation.

### **2.4. EXISTING ANALYTICAL FRAMEWORKS**

The established tools of literary analysis are not applicable to postdigital texts and those produced by algorithms to the same extent. Such texts have frequently refused static interpretation, and new methods of analysis which consider the dynamic, and frequently nonlinear, quality of such texts are required. Stylometric analysis, to give one example, can still be deployed to locate authorial signatures but cannot cope with semantic changes and variable contexts generated by AI systems. Narrative arc visualizations have tried to chart the structure and dynamics of stories, but have commonly resorted to rigid ontologies that may not keep up with the generative fluidity of AI stories. Human-in-the-loop annotation systems, where computational pattern recognition is used in conjunction with human interpretive power, are more promising, since they enable subtle, flexible analysis. Table 1 contrasts them and identifies the advantages and drawbacks of each methodology, and also emphasizes the fact that we still require frameworks capable of engaging with the complexity and indeterminacy of postdigital literature.

### 3. METHODOLOGY

#### 3.1. RESEARCH DESIGN



**FIGURE 3** Research design

##### 3.1.1. QUALITATIVE NARRATIVE ANALYSIS

The qualitative part of this study comprised close reading and interpretive analysis of AI-generated and postdigital literary texts. This approach was aimed at the [10-12] detection of common themes, plot lines, stylistic inclinations or inter-textual allusions. Through the literary theory and critical discourse analysis, the research aimed to reveal the meaning construction in texts at the intersection of human and algorithmic authorship.

##### 3.1.2. COMPUTATIONAL MODELING (NLP-BASED)

In order to augment the qualitative information, Natural Language Processing (NLP) methods were used to process textual data at scale. The research applied models, including transformer-based language models and stylometric algorithms, to linguistic patterns, semantic drift, and narrative coherence. The objective metrics and visualizations made available by this computational layer complemented the interpretive analysis and turned out to reveal latent characteristics in the text.

##### 3.1.3. CASE STUDY ASSESSMENTS

To discuss the selected cases of AI-integrated literature in detail, the most interesting ones were chosen as the case studies. Examples of such works include AI Dungeon, Taroko Gorge, and Botnik Studio works. The analysis of each case was performed with regard to the process of its creation, the way the audience received it, the level of its narrative depth, and the technologies behind it. These case studies have been empirical anchors to which theoretical assertions could be tested and the extent to which generative media has changed the form and/or functionality of literature.

#### 3.2. DATASET SELECTION



**FIGURE 4** Dataset selection

##### 3.2.1. AI-GENERATED SHORT STORIES GPT-4

This dataset will contain short stories generated purely with the help of large language models like GPT-4 and Novel AI. These texts have been chosen because of their thematic complexity, coherence and stylistic variety. It was done to examine the ways AI generates the story elements, including character, plot, and voice alone and how such tales compare or contrast to the conventional literary storytelling. The special emphasis was put on model settings, prompt engineering, and output diversity.

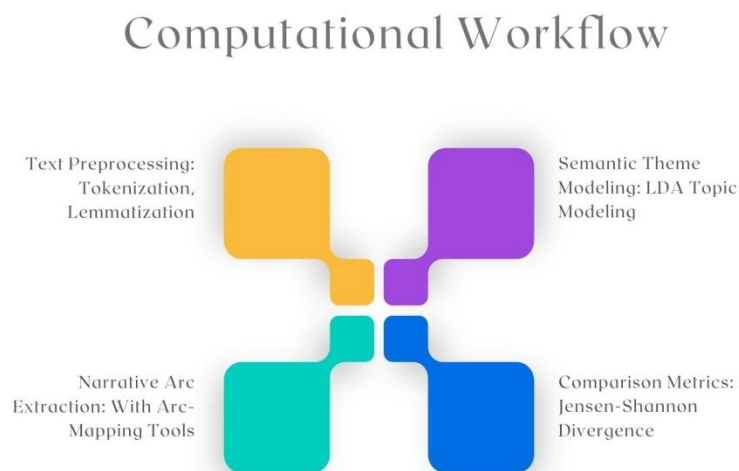
### 3.2.2. POSTDIGITAL WORKS BY HUMANS

Human authors include works that explicitly address postdigital aesthetics or themes. Some examples are procedural poetry, glitch literature and writings about algorithmic culture. These pieces are providing a basis of criticality, of how human creators are interpreting and incorporating digital processes into a literary expression. The choice illustrates the presence of postdigital theory in modern literature.

### 3.2.3. HYBRID TEXTS (CO-WRITTEN WITH AI)

Hybrid texts are the ones co-generated by people and AI models, and they constitute an essential portion of the dataset. These pieces show cooperative authorship in which there is a conscious blending of human intent and machine prompting. Interactive fiction, predictive text-based stories and projects based on AI-generated drafts edited by humans are examples. This category proved important for exploring the emergent creativity and authorship relationships, as well as the hybridity of narratives, within postdigital literature.

## 3.3. COMPUTATIONAL WORKFLOW



**FIGURE 5** Computational workflow

### 3.3.1. TEXT PREPROCESSING: TOKENIZATION, LEMMATIZATION

The computational analysis commenced with text preprocessing, which is important to provide consistent and meaningful input to downstream tasks. All the texts were tokenized to divide them into words or sentences and lemmatized to bring words to their root or dictionary form (e.g., “running” would be turned into run). Such processes serve to standardize language input, eliminate redundancy and increase the accuracy of syntactic and semantic analyses. It is on this clean, structured data that narrative and thematic modeling were done.

### 3.3.2. NARRATIVE ARC EXTRACTION: WITH ARC-MAPPING TOOLS

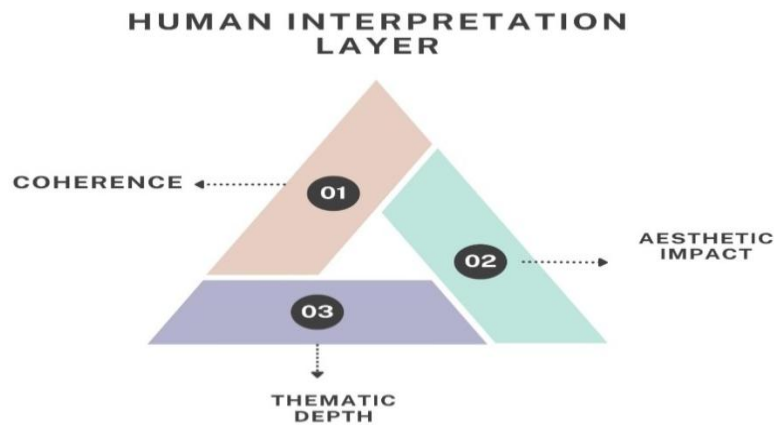
Emotional and structural mapping of each text. The narrative arc extraction was performed by projecting the emotional and structural development of each text. They did this with computational tools that could locate and visualize plot dynamics, typically by following sentiment or dramatic tension through the narrative. The arcs were classified into techniques such as sentiment trajectory plotting and machine-learned plot classification (e.g., “rise-fall-rise” or “man in a hole”). Such mappings contributed to finding structural patterns and deviations among AI-generated, human-written, and hybrid stories.

### 3.3.3. SEMANTIC THEME MODELING: LDA TOPIC MODELING

Latent Dirichlet Allocation (LDA) was used to apply topic modeling to the texts in order to reveal latent thematic structures. It is an unsupervised learning method that identifies groups of co-occurring words and treats them as latent topics or themes. The analysis of topic prevalence in various forms of text allowed the research to identify that AI and human writers prioritize various thematic issues and theme dynamics in co-authored stories. The thematic comparisons between datasets were also made possible by this modeling.

### 3.3.4. COMPARISON METRICS: JENSEN-SHANNON DIVERGENCE

Thematic and stylistic distributions of them were quantitatively compared with the Jensen-Shannon Divergence (JSD) distance. JSD compares the similarity of probability distributions - here, the probability distribution of topics, sentiment arcs or stylistic features over text categories. This provided a mathematically based way to measure narrative overlap or divergence among AI-generated, human-authored, and hybrid texts, offering an idea of the uniqueness and intersection of the various authorial modes.



### 3.4. HUMAN INTERPRETATION LAYER

#### 3.4.1. COHERENCE

Each narrative was evaluated by human judges, who consisted of scholars and creative writers, on the basis of coherence, or the logical progression of events, the motives of the characters being clear, and the structural soundness, on the whole. [13-16] This analysis evaluated the effectiveness of the story in terms of continuity and internal consistency, particularly in AI-written pieces, which are prone to creating sudden shifts or even very awkward shifts. Coherence played a major role in determining the readability of a text and the plausibility of the narratives.

#### 3.4.2. AESTHETIC IMPACT

The aesthetic effect was determined via the emotive connotation, formal originality and literariness of every work. The factors upon which reviewers raised their opinions included imagery, tone, rhythm and originality of expression. It is this subjective layer that assisted in capturing these qualities that computational tools tend to ignore, such as poetic nuance and narrative voice. The intention here was not only to determine how stories were made, but how they impacted readers aesthetically.

#### 3.4.3. THEMATIC DEPTH

Thematic depth entailed the examination of the complexity, subtlety, and relevance of ideas being addressed in the stories. Evaluators sought depth of meaning, moral or philosophical sub-currents, and the success of the text in addressing current or existential issues. This criterion was used to attempt to differentiate between shallow or purely mechanical outputs and those which show reflective interaction, in particular with hybrid texts where the human influence could be used to increase conceptual sophistication.

### 3.5. VALIDATION

In order to guarantee the reliability and soundness of the results, a layered validation approach was taken, which consisted of computational cross-validation methods with human-based evaluation methodologies. The annotated datasets, which consisted of pre-labeled narrative features, including character arcs, sentiment changes, and theme labels, were used in cross-validation. It is with these benchmark datasets that the performance of narrative arc extraction and semantic modeling tools, LDA topic modeling and sentiment analysis algorithms could be measured quantitatively in terms of accuracy and consistency. Through comparisons of machine-based outcomes to human-curated ground truth, the research ensured that the applied models were not merely statistically grounded but also situationally accurate when applied to literary texts. At the same time, blind reading groups were organized to additionally alleviate interpretive bias and confirm the human layer of interpretation. These audiences, consisting of literature scholars, creative writers, and interdisciplinary researchers, received anonymized texts with no information as to whether those were written by humans, AI, or both. The participants were asked to rate the narratives according to some pre-selected criteria (coherence, aesthetic quality, thematic richness) independently. The study reduced potential biases regarding AI-generated text and highlighted true reader reaction by anonymizing the source of authorship. The shared knowledge from these blind tests was next triangulated with computational results to map patterns, anomalies, and domains where human and machine interpretations did not align. This dual mode of validation not only serves to augment the methodological soundness of the study but also demonstrates the importance of integrating empirical rigour with qualitative sensitivity. By doing so, it recognised postdigital literature as multifaceted, with meaning co-generated on both sides of the human-algorithmic divide, and confirmed by both data-driven critique and the subjective experience of the reader.

## 4. RESULTS AND DISCUSSION

### 4.1. NARRATIVE STRUCTURE COMPARISON

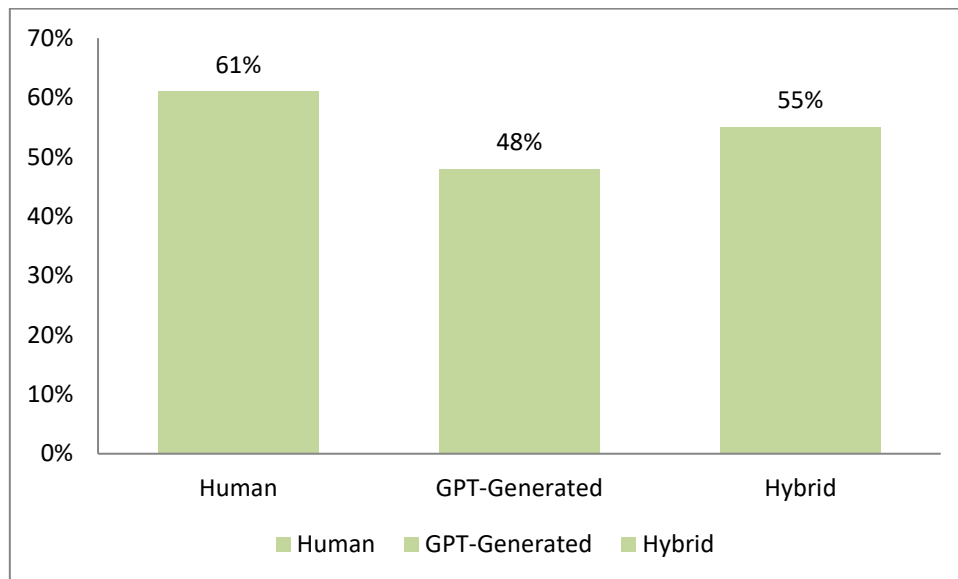
The generated stories written by artificial intelligence systems and the human-written ones showed particular differences when compared and analyzed using the structuralist approach to narrative. Narratives written by humans always followed the classic models of telling stories, most prominently being Freytag's Pyramid that incorporated an easily identifiable set of exposition,

rising action, climax, falling action, and resolution. It is this form that helps to develop a sense of coherent progression and emotional build-up that enables readers to invest in characters, plotlines and thematic arcs. Conversely, the AI-generated text, especially that created with the help of models like GPT-4, tended to differ considerably when compared to the classical paradigm. Rather than a logically structured plot, such texts often showed nonlinear development, moving through scenes or thoughts with no obvious causal connections. Such counterflow of the narrative mood made it difficult to perceive any single overarching plot or any maintained tension. Moreover, another typical feature of AI stories proved to be repetition; certain phrases, descriptions, or dialogue patterns were repeated throughout the text because the model tended to amplify the Though stylistically effective in some cases, this repetition often ran into redundancy and stagnation of the narration. As well, AI texts were minimally thematic. On the one hand, they established familiar themes, like love, conflict, or identity, but on the other hand, they could not sustain the thematic development throughout the story arc. Themes would be introduced and then vanish, only to be substituted by irrelevant plot developments or by tangential material. These trends imply that AI models can generate syntactically sound and locally compelling prose, but, at large, they lack the narrative authority which human writers employ intuitively. These structural differences highlight an inherent distinction between the human and machine conceptualization and formulation of stories, and show the shortcomings of existing generative models when asked to create long-form, coherent narratives that adhere to the expectations of a literary audience.

#### 4.2. THEMATIC COHERENCE

**TABLE 1** Topic modeling coherence scores

Text Type	Average Coherence Score
Human	61%
GPT-Generated	48%
Hybrid	55%



**FIGURE 7** Graph representing topic modeling coherence scores

##### 4.2.1. HUMAN-AUTHORED TEXTS

Narratives written by humans had the strongest thematic coherence, as shown by a coherence score of 61%. These texts also maintained a consistent development of major themes, including identity, conflict, and morality, throughout the text. Thematic intention was clearly present, and the authors demonstrated the intentional use of motifs and symbols, connecting scenes and character arcs to enhance the meaning. This thematic consistency sustained enabled the readers to make more inferences and get a more coherent literary vision.

##### 4.2.2. GPT-GENERATED TEXTS

In contrast, AI-generated narratives had a much lower score in the thematic coherence, with an average of 48%. Though the themes that were presented in these texts were often very strong, such as the theme of technology, isolation, or transformation, the manner in which the theme was elaborated was often inconsistent. Topic modeling showed that there were sudden changes of the center of attention, that is, stories suddenly went in irrelevant directions or new ideas were raised without old ones being

solved. This thematic volatility was symptomatic of an AI that was optimizing towards short-term coherence and not long-form narrative control.

#### **4.2.3. HYBRID TEXTS**

The middle ground was reached with hybrid narratives, which are co-authored by people and AI, with a coherence score of 55 percent. The benefit of human curation provided to these texts included refining the raw outputs of the AI and maintaining a thematic direction. Nonetheless, certain discrepancies persisted, especially between AI-written and human-revised passages. Although hybrid stories could demonstrate a more coherent thematic evolution than purely AI-generated texts, they also demonstrated a certain thematic meandering that testified to the conflict between human intent and algorithmic prompting.

### **4.3. AUTHORIAL VOICE AND ETHICS**

#### **4.3.1. ATTRIBUTION**

With hybrid or artificially intelligent texts, authorship is an even more complicated issue. Conventional authoring concepts of literature presuppose one awake operator, and it is unclear who should be recognized as the author in the case of texts in which AI systems are substantially engaged in generation. Would it be ethical to attribute the human user as the sole author, or should the AI be recognised as a co-creator? This ambiguity causes practical difficulties in publishing, academic citation, and intellectual property law. It also brings up the issue of ownership of creative work and the blurred definition of authorship in the postdigital era.

#### **4.3.2. AUTHENTICITY**

The questioned concept of authenticity focuses on the possibility of AI-generated texts being called original or meaningful at all. An objection raised against AI is that it is incapable of consciousness or intent, and therefore cannot generate in the same sense as a human being can: it is only able to match patterns it has seen during training data. Therefore, the emotional or philosophical maturity in those stories can be deemed as shallow or formulaic. Conversely, other advocates propose that the cooperative capacity between human and machine creates outdated conceptualizations of what creativity might be, presenting a novel sort of genuine voice that is constructed through combination as opposed to individual articulation.

#### **4.3.3. BIASES**

The other significant issue is that cultural, social, and ideological biases are in the AI-generated texts. Because models such as GPT are pretrained on internet corpora on a large scale, they tend to pick up and regurgitate stereotypes, biases, and hegemonic cultural stories present in the data. This may have the insidious impact on the development of character, plot and thematic framing that reproduces inequality. The biases can only be solved with both technical means, such as bias mitigation techniques, but also with a critical mind of the writers, developers, and readers to interrogate and contextualize AI-generated content.

### **4.4. READER INTERACTION PATTERNS**

#### **4.4.1. TRANSPARENCY**

When it became transparent how AI was involved in the process of creating the story, reader engagement significantly grew. Readers approached the text with greater curiosity and critical awareness when they were clearly informed about which parts were AI-generated or how the AI was involved in the plot or language decisions. Such transparency stimulated interpretive work, as readers attempted to discern the human contribution to the text and the machine-generated text, and thought more carefully about the text's construction. It also triggered the philosophical interest in the questions of authorship, creativity, and meaning, turning the process of reading into an intellectually more exciting experience.

#### **4.4.2. INTERACTIVITY**

Stories with interactive elements, which included a branching story structure, choice-driven progress, or inputs that could be customized, consistently captured the attention of readers over longer periods. Interactivity was proven to introduce the feeling of agency and customization that enhances emotional and cognitive engagement, as was the case with tools such as AI Dungeon that enable readers to co-write the story in real-time. Because the readers were more invested in the outcome of a story when their actions determined the direction of the narration, and because they were much more likely to reread the story to see what would happen if they had chosen differently. This type of interactive experience changed the history of passive reading to active involvement and changed the role of the reader in the telling of stories in postdigital literature.

## **5. CONCLUSION**

This paper will highlight the massive influence of postdigital aesthetics on the formation and perception of literary narratives. Using the prism of narrative analysis, computational modeling, and reader response, one can see that AI-generated and hybrid texts are highly distinct and differing in relation to the traditional literary forms. Postdigital literature is generative, collaborative, and multimodal by design, welcoming a new paradigm in which machines are not only tools but also helpers in the creative process. AI models such as GPT-4 can generate linguistically diverse and imaginative texts, but the results of such formulations usually do not have the structural and thematic integrity of the work written by people. Such generative models,

limited though they are, nonetheless present powerful content that tests and expands the conventions of literature. The hybrid texts, created through human-AI cooperation, are especially promising and can offer new experiences in storytelling by combining computational creativity with human motivations.

The potential implications of this research are many-fold. Within literary theory, it causes a reconsideration of authorship, narrative agency and textual authenticity. With the increasing use of AI in places previously dominated by human-written creations, researchers need to establish new models for reading and assessing collaboratively authored or machine-written texts. This study recommends in education the necessity to develop what might be called AI literacy, not only as a technical ability but as a creative and interpretive capability. Teachers are also urged to adopt generative tools in the writing curriculum and allow students to engage in new modes of expression. For practitioners interested in creativity, the implications of this research are a future of participatory storytelling, where multiple authors and readers can interactively author stories, and where these stories can be created in real-time. The study, however, is not succinct to limitations. The data sample was rather limited in scope, being confined to texts in English and a small number of generative tools. This limited both the cultural and linguistic variability of the results. Additionally, the study did not thoroughly address the multilingual AI models and their implications for cross-cultural storytelling.

Moving ahead, it is expected that future work will have to be directed towards broadening the area of investigation. This involves discussing the area of multilingual narrative generation, as well as investigating how AI copes with various cultural backgrounds and idioms. The second direction, which is also rather important, is the inclusion of real-time reader feedback, which may further personalize stories and adapt them to each specific user. Lastly, it is important that ethical standards of AI-human co-authorship are developed so that transparency, equity, and responsibility can be established as the literary production paradigm continues to shift.

## REFERENCES

- [1] Cascone, K. (2017). The aesthetics of failure: "Post-digital" tendencies in contemporary computer music. In *Electronica, Dance and Club Music* (pp. 97-103). Routledge.
- [2] Cramer, F. (2015). What is 'Post-digital'?. In *Postdigital aesthetics: Art, computation and design* (pp. 12-26). London: Palgrave Macmillan UK.
- [3] McCormack, J., Gifford, T., & Hutchings, P. (2019, April). Autonomy, authenticity, authorship and intention in computer generated art. In *International conference on computational intelligence in music, sound, art and design (part of EvoStar)* (pp. 35-50). Cham: Springer International Publishing.
- [4] Underwood, T. (2019). *Distant horizons: digital evidence and literary change*. University of Chicago Press.
- [5] Elgammal, A., Liu, B., Elhoseiny, M., & Mazzone, M. (2017). Can: Creative adversarial networks, generating "art" by learning about styles and deviating from style norms. *arXiv preprint arXiv:1706.07068*.
- [6] Roemmele, M., & Gordon, A. S. (2015). Creative help: A story writing assistant. In *Interactive Storytelling: 8th International Conference on Interactive Digital Storytelling, ICIDS 2015, Copenhagen, Denmark, November 30-December 4, 2015, Proceedings 8* (pp. 81-92). Springer International Publishing.
- [7] Campolo, A., Sanfilippo, M. R., Whittaker, M., & Crawford, K. (2017). *AI now 2017 report*.
- [8] Bamman, D., Underwood, T., & Smith, N. A. (2014, June). A bayesian mixed effects model of literary character. In *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)* (pp. 370-379).
- [9] Lindberg, Y. (2024). *Postdigital Aesthetics and Literature*. In *Encyclopedia of Postdigital Science and Education* (pp. 1-8). Cham: Springer Nature Switzerland.
- [10] Balpe, J. P. (2007). Principles and processes of generative literature. *The Aesthetics of Net Literature: Writing, Reading and Playing in Programmable Media*, Peter Gendolla and Jürgen Schäfer (Eds.). New Jersey: Transaction Publishers, 309-316.
- [11] Striano, F. (2019). Towards "post-digital". *A media theory to re-think the digital revolution*. *Ethics in Progress*, 10(1), 83-93.
- [12] Jockers, M. L. (2013). *Macroanalysis: Digital methods and literary history*. University of Illinois Press.
- [13] Kondratska, L., Romanovska, L., Kravchyna, T., Ovod, Y., Litynska, V., & Novak, M. (2024). Post-Digital Art Practice in Educational Space. *Journal of Education Culture and Society*, 15(2), 633-649.
- [14] Tredinnick, L., & Laybats, C. (2023). Black-box creativity and generative artificial intelligence. *Business Information Review*, 40(3), 98-102.
- [15] Ide, N. M., & Véronis, J. (1990). Artificial intelligence and the study of literary narrative. *Poetics*, 19(1-2), 37-63.
- [16] Chai, C. P. (2023). Comparison of text preprocessing methods. *Natural Language Engineering*, 29(3), 509-553.
- [17] Christian, D. B., & Young, R. M. (2004, July). Comparing cognitive and computational models of narrative structure. In *AAAI* (pp. 385-390).
- [18] Bell, A. (2024). The Postdigital as Theme in Narrative Fiction across Media. *ANGLICA-An International Journal of English Studies*, 33(2), 31-50.
- [19] Hodgson, J. (2019). *Post-digital rhetoric and the new aesthetic*. Ohio State University Press.
- [20] Wilde, L. R. (2023). *Generative imagery as media form and research field: Introduction to a new paradigm*.